

# **Annex 2**

## **Statistical Materials: Sample EUBIROD Central Engine Report**

THE BIRO SYSTEM  
STATISTICAL REPORT

---

# European Diabetes Indicators

---



[www.eubirod.eu](http://www.eubirod.eu)

November 2, 2010

## The BIRO Consortium

A Public Health Project co-funded by DG-SANCO, European Commission, 2005-2008

Project Website: [www.biro-project.eu](http://www.biro-project.eu)

**Scientific Coordinator:** Prof. Massimo Massi Benedetti

**Technical Coordinator:** Fabrizio Carinci

### Partners:

Joanneum Research, Austria  
Ministry of Health, Cyprus  
University of Bergen, Norway  
Paulescu Institute, Romania  
University of Dundee, Scotland  
University of Malta, Malta  
University of Perugia, Italy

### Subcontractors:

Serectrix snc, Italy  
Telemedica Consulting, Romania

## The EUBIROD Consortium

A Public Health Project co-funded by DG-SANCO, European Commission, 2008-2011

Project Website: [www.eubirod.eu](http://www.eubirod.eu)

**Scientific Coordinator:** Prof. Massimo Massi Benedetti

**Technical Coordinator:** Fabrizio Carinci

### Partners:

Adelaide and Meath Hospital, Dublin, Ireland  
Centre Hospitalier de Luxembourg, Luxembourg  
Dutch Institute for Healthcare Improvement, Netherlands  
Havelhöhe, Berlin  
Hillerød University Hospital, Hillerød, Denmark  
IMABIS Foundation, Malaga, Spain  
International Diabetes Federation, Belgium  
Inst. Scient. Santé Pub. WIV, Brussels, Belgium  
Joanneum Research, Austria  
Medical University of Silesia, Katowice, Poland  
Ministry of Health, Cyprus  
NOKLUS, Norway  
Paulescu Institute, Romania  
Sahlgrenska Academy, Gothenburg, Sweden  
Serectrix snc, Italy  
University of Dundee, Scotland  
University of Malta, Malta  
University of Perugia, Italy  
University of Debrecen, Debrecen, Hungary  
University Children's Hospital, Ljubljana, Slovenia  
Vuk Vrhovac University Clinic for Diabetes, Zagreb, Croatia

### Subcontractors:

Telemedica Consulting, Romania

# The BIRO System Development Team

The BIRO System is an open source project licensed under the terms of the GPL  
Software Homepage: [www.eubirod.eu](http://www.eubirod.eu)

## Coordination and Management:

Massimo Massi Benedetti, University of Perugia, Italy, [massi@unipg.it](mailto:massi@unipg.it)  
Fabrizio Carinci, University of Perugia, Italy, [research@fabcarinci.net](mailto:research@fabcarinci.net)  
Valentina Baglioni, University of Perugia, Italy, [valentina.baglioni@alice.it](mailto:valentina.baglioni@alice.it)  
Annarita Ragni, University of Perugia, Italy, [uccrrd@unipg.it](mailto:uccrrd@unipg.it)

## Clinical Review and Definition of Indicators:

Peter Beck, Joanneum Research, Austria, [Peter.Beck@joanneum.at](mailto:Peter.Beck@joanneum.at)

## Data Dictionary of Standardized Definitions:

Scott Cunningham, University of Dundee, Scotland, UK, [scott.cunningham@nhs.net](mailto:scott.cunningham@nhs.net)  
Ritchie McAlpine, University of Dundee, Scotland, UK, [ritchie.mcalpine@nhs.net](mailto:ritchie.mcalpine@nhs.net)  
Graham Leese, University of Dundee, Scotland, UK, [graham.leese@nhs.net](mailto:graham.leese@nhs.net)

## Privacy by Design and Privacy Impact Assessment:

Concetta Tania Di Iorio, Serectrix snc, Italy, [ct.diiorio@serectrix.eu](mailto:ct.diiorio@serectrix.eu)  
Fabrizio Carinci, Serectrix snc, Italy, [f.carinci@serectrix.eu](mailto:f.carinci@serectrix.eu)  
Massimo Brillante, University of Dundee, Scotland, UK, [m.brillante@nhs.net](mailto:m.brillante@nhs.net)

## Database Engine:

Valentina Baglioni, University of Perugia, [valentina.baglioni@alice.it](mailto:valentina.baglioni@alice.it)

## Statistical and Central Engines:

Fabrizio Carinci, Serectrix snc, Italy, [f.carinci@serectrix.eu](mailto:f.carinci@serectrix.eu)  
Luca Rossi, University of Perugia, Italy, [redsluke@gmail.com](mailto:redsluke@gmail.com)

## Customized Toolbox and BIROX Distribution:

Peter Beck, Joanneum Research, Austria, [Peter.Beck@joanneum.at](mailto:Peter.Beck@joanneum.at)  
Phillip Perner, Joanneum Research, Austria, [Philipp.Perner@joanneum.at](mailto:Philipp.Perner@joanneum.at)  
Matthias Wieser, Joanneum Research, [Matthias.Wieser@joanneum.at](mailto:Matthias.Wieser@joanneum.at)  
David Whiting, IDF, Belgium, [david.whiting@idf.org](mailto:david.whiting@idf.org)

## Report Template and Web Portal:

Svein Skeie, NOKLUS, Norway, [sksv@sus.no](mailto:sksv@sus.no)  
Terje Tysse, NOKLUS, Norway, [Terje.Tysse@noklus.no.com](mailto:Terje.Tysse@noklus.no.com)  
Kristian Samuelsen, NOKLUS, [kristian.samuelsen@noklus.no](mailto:kristian.samuelsen@noklus.no)  
Peter Taverner, NOKLUS, Norway, [peter.taverner@noklus.no](mailto:peter.taverner@noklus.no)  
Karianne Fjeld Løvaas, NOKLUS, Norway, [karianne.loevaas@noklus.no](mailto:karianne.loevaas@noklus.no)

## Software Integration and System Administration:

Stefano Gualdi, University of Perugia, Italy, [stefano.gualdi@gmail.com](mailto:stefano.gualdi@gmail.com)

## Technology Transfer:

Simion Pruna, Telemedica Consulting, Romania, [simion.pruna@telemed.ro](mailto:simion.pruna@telemed.ro)  
Joseph Azzopardi, University of Malta, Malta, [bonstan2000@yahoo.co.uk](mailto:bonstan2000@yahoo.co.uk)  
Simon Scerri, University of Malta, Malta, [simon.scerri@gov.mt](mailto:simon.scerri@gov.mt)  
George Olympios, Ministry of Health, Cyprus, [olympiosdr@cytanet.com.cy](mailto:olympiosdr@cytanet.com.cy)  
Vivie Traynor, Ministry of Health, Cyprus, [vtraynor@mphs.moh.gov.cy](mailto:vtraynor@mphs.moh.gov.cy)  
Andriana Evripidou, Ministry of Health, Cyprus, [aevripidou@dits.mof.gov.cy](mailto:aevripidou@dits.mof.gov.cy)

## The EUBIROD Site Testers Group

Xenios Anastassiades, Ministry of Health, Cyprus, XAnastassiades@dits.mof.gov.cy  
Ulf Lindblad, Sahlgrenska Academy, Sweden, ulf.lindblad@allmed.gu.se  
Arne Melander, Sahlgrenska Academy, Sweden, Arne.Melander@med.lu.se  
Mikael Aberg, Sahlgrenska Academy, Sweden, mikael.aberg@vgregion.se  
Róza Ádány, University of Debrecen, Hungary, adany@dote.hu  
Attila Nagy, University of Debrecen, Hungary, hu.nagyattila@gmail.com  
Janos Sandor, University of Debrecen, janos.sandor@med.unideb.hu  
Cristina Ostafie, Telemedica Consulting, Romania, office@telemed.ro  
Manuela Cristina Russu, Telemedica Consulting, Romania, office@telemed.ro  
Noemi Debacker, Scientific Institute of Public Health, Belgium, noemi.debacker@iph.fgov.be  
Edwin Didier, Scientific Institute of Public Health, Belgium, edwin.didier@iph.fgov.be  
Gerard Boran, Adelaide and Meath Hospital, Ireland, g.boran@amnch.ie  
Anthony Moulton, Adelaide and Meath Hospital, Ireland, tony.moulton@amnch.ie  
Fred Storms, CBO, Netherlands, stormdcb@wxs.nl  
Tadej Battelino, University of Ljubljana, Slovenia, tadej.battelino@mf.uni-lj.si  
Natasa Bratina, University of Ljubljana, Slovenia, natasa.bratina@kks-kamnik.si  
Carine de Beaufort, Centre Hospitalier de Luxembourg, Luxembourg, debeaufort.carine@chl.lu  
Valery Bocquet, Centre Hospitalier de Luxembourg, Luxembourg, Valery.Bocquet@crp-sante.lu  
Przemyslaw Jarosz-Chobot, Medical University of Silesia, Poland, przemka1@o2.pl  
Joanna Polanska, Medical University of Silesia, Poland, Joanna.Polanska@polsl.pl  
Grazyna Deja, Medical University of Silesia, Poland, g255@mp.pl  
Daniel Garofano Serrano, IMABIS Foundation, Spain, daniel.garofano.ext@juntadeandalucia.es  
Michael Jecht, Havelhöhe Hospital, Germany, mjecht@t-online.de  
David Whiting, IDF, Belgium, david.whiting@idf.org  
Michael Røder, Hillerød University Hospital, Denmark, mir@dadlnet.dk  
Charlotte Irene Hansen, Hillerød University Hospital, Denmark, cih@noh.regionh.dk  
Ole Falsoft, Hillerød University Hospital, Denmark, ofa@noh.regionh.dk  
Birger Thorsteinsson, Hillerød University Hospital, Denmark, bith@noh.regionh.dk  
Željko Metelko, Vuk Vrhovac University, Croatia, metelko@idb.hr  
Tamara Poljicanin, Vuk Vrhovac University, Croatia, Tamara.Poljicanin@idb.hr

# Parameters used for the production of this Statistical Report

**Author:** The BIRO Consortium,

**Date:** 02 November 2010

**Time:** 10:19:36

**EUBIROD source:** umbria

**Time interval:** NA - NA

**Output Directory:**

/home/fabrizio/Desktop/testrun-2.0.7/workingDirectory/\_ce\_/output/reports/#021110101936/umbria

<b>INPUT DATA</b>
-------------------

**Database:** central

<b>CONTENTS</b>
-----------------



# Contents

<b>1</b>	<b>Demographic characteristics</b>	<b>1</b>
1.1	Basic demographics	2
1.1	Age (Classes)	3
<b>2</b>	<b>Clinical characteristics</b>	<b>5</b>
2.1	Diabetes Status	6
2.1.1	Type of diabetes	7
2.1.2	Duration of diabetes (Classes)	9
2.2	Risk Factors	30
2.2.1.1	Weight (last episode in 12 months)	31
2.2.2	Lifestyle	67
2.2.3	Clinical measurements	68
2.2.3.1	Systolic BP (last episode in 12 months)	69
2.2.3.2	Diastolic BP (last episode in 12 months)	105
2.2.3.3	Total cholesterol (last episode in 12 months)	141
2.2.3.4	HDL-cholesterol (last episode in 12 months)	177
2.2.3.5	Creatinine (last episode in 12 months)	213
2.2.3.6	HbA1c (last episode in 12 months)	249
2.3	Diabetes complications	285
<b>3</b>	<b>Health System</b>	<b>286</b>
3.1	Structure (provider level)	287
3.1.1	Type of Provider	288
3.1.2	Average diabetes population	289
3.2	Structural quality	294
3.2.1	Hospital beds per 100,000 population	295
3.2.2	Physicians employed per 100,000 population	296
3.3	Processes (individual level)	297
3.3.1	Foot examination	298
3.3.2	Eye examination	299
3.3.3	Measurements examination	300
3.3.3.1	BP (last episode in 12 months)	301
3.3.3.2	Lipids	306
3.3.3.4	HbA1c (last episode in 12 months)	311
3.3.4	Treatment	316
3.3.4.1	Antihypertensive Medication (last episode in 12 months)	317
3.3.4.2	Lipid Lowering Medication (last episode in 12 months)	318
3.3.4.3	ASA Medication (last episode in 12 months)	319
3.3.4.4.1	Glucose Lowering: Diet Only (last episode in 12 months)	320
3.3.4.4.2	Glucose Lowering: Tablets Only (last episode in 12 months)	325
3.3.4.4.3	Glucose Lowering: Insulin Only (last episode in 12 months)	330
3.3.4.4.4	Glucose Lowering: Insulin and Tablets (last episode in 12 months)	335
3.3.5	Management	340
3.3.5.2	Visit Frequency	341

<b>4</b>	<b>Population</b>	<b>346</b>
4.1	Vital Statistics	347
4.1.1.	Total population	348
4.1.2.	Life expectancy	349
4.1.3.	Mortality data	350
<b>5</b>	<b>Risk Adjusted Indicators</b>	<b>351</b>
5.1.	Epidemiology	352
5.1.1	Prevalence of diabetes mellitus per 1,000	353
5.1.2.	Age at diagnosis by 10 year age bands	356
5.2.	Process Quality	360
5.2.1	% of subjects with 1+ HbA1c tests in last 12 months	361
5.2.6	% with serum creatinine tested in last 12 months	381
5.2.7	% of subjects with diabetes and one or more blood pressure measurements within the last 12 months	401
5.2.10	% of subjects treated with insulin	421
5.3.	Outcome quality - intermediate outcomes	441
5.3.1	% of subjects with most recent HbA1c level greater than 9.0 pct (poor control)	442
5.3.2	% of subjects with most recent HbA1c level greater than 7,5 pct	464
5.3.3	% of subjects with most recent blood pressure less than 140/90 mmHg	486
5.4.	Outcome quality - terminal outcomes	494
<b>6</b>	<b>Appendix</b>	<b>495</b>
1.1	Age (Classes)	496
2.1.1	Type of diabetes	497
2.1.2.	Duration of diabetes (Classes)	498
2.2.1.1.	Weight (last episode in 12 months)	499
2.2.3.1.	Systolic BP (last episode in 12 months)	500
2.2.3.2.	Diastolic BP (last episode in 12 months)	501
2.2.3.3	Total cholesterol (last episode in 12 months)	502
2.2.3.4.	HDL-cholesterol (last episode in 12 months)	503
2.2.3.5	Creatinine (last episode in 12 months)	504
2.2.3.6.	HbA1c (last episode in 12 months)	505
3.1.2	Average diabetes population	506
3.3.3.1	BP (last episode in 12 months)	507
3.3.3.2	Lipids	508
3.3.3.4	HbA1c (last episode in 12 months)	509
3.3.4.4.1	Glucose Lowering: Diet Only (last episode in 12 months)	510
3.3.4.4.2	Glucose Lowering: Tablets Only (last episode in 12 months)	511
3.3.4.4.3	Glucose Lowering: Insulin Only (last episode in 12 months)	512
3.3.4.4.4	Glucose Lowering: Insulin and Tablets (last episode in 12 months)	513
3.3.5.2	Visit Frequency	514
5.1.2.	Age at diagnosis by 10 year age bands	515
5.2.1	% of subjects with 1+ HbA1c tests in last 12 months	516
5.2.6	% with serum creatinine tested in last 12 months	517
5.2.7	% of subjects with diabetes and one or more blood pressure measurements within the last 12 months	518
5.2.10	% of subjects treated with insulin	519
5.3.1	% of subjects with most recent HbA1c level greater than 9.0 pct (poor control)	520
5.3.2	% of subjects with most recent HbA1c level greater than 7,5 pct	521

## Chapter 1

# Demographic characteristics

## 1.1 Basic demographics

### 1.1 Age (Classes)

Age	Gender		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	9739 (100.0)	0( 0.0)	9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)	9739 (100.0)

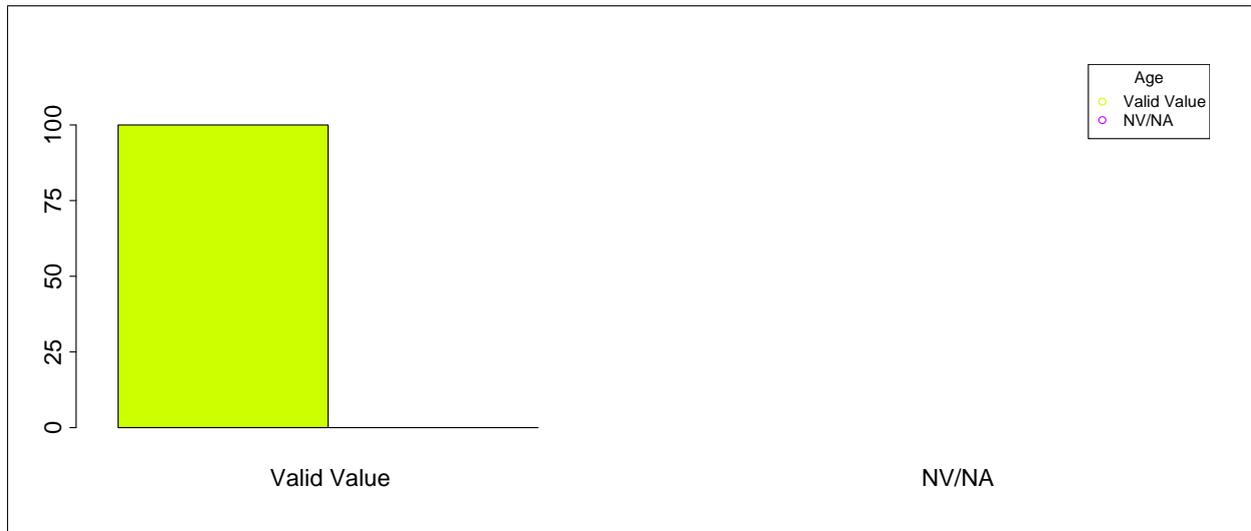
Table 1.1.1.1: Missing Data Age (by Gender)

Age	Gender		N ( % )
	Male ( % )	Female ( % )	
[0 - 18)	3 ( 0.1)	5( 0.1)	8 ( 0.1)
[18 - 35)	97 ( 1.9)	170( 3.7)	267 ( 2.7)
[35 - 55)	798 ( 15.5)	603( 13.2)	1401 ( 14.4)
[55 - 75)	3199 ( 62.0)	2549( 55.6)	5748 ( 59.0)
[75+)	1059 ( 20.5)	1256( 27.4)	2315 ( 23.8)
TOTAL	5156( 52.9)	4583( 47.1)	9739 (100.0)

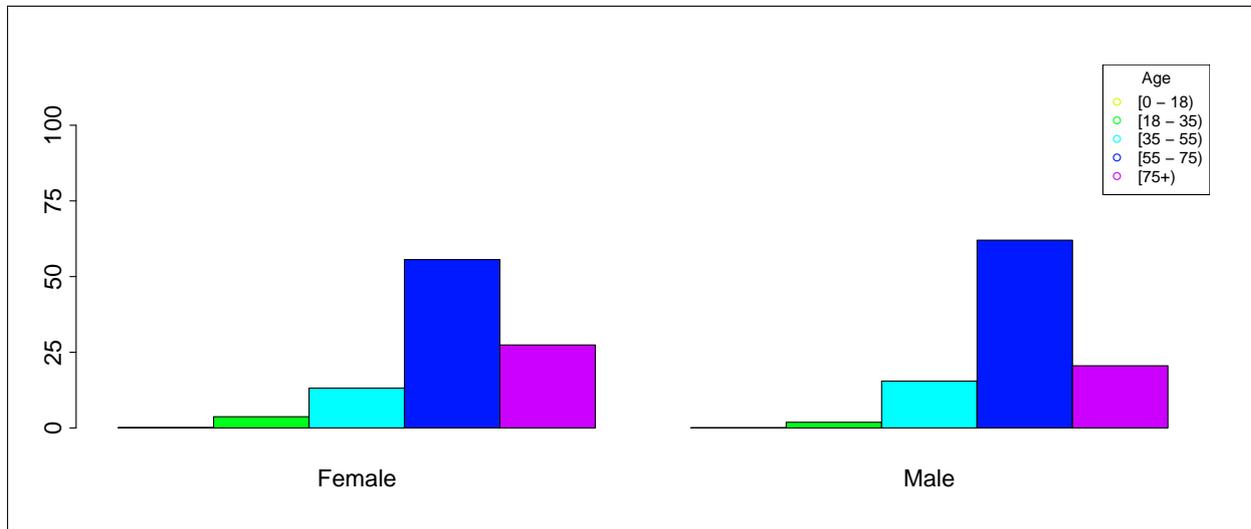
Table 1.1.1.2: Age (by Gender)

	CMH Chi-Square	p.value	df
Value	104.5171	0	4

## 1.1 Age (Classes)



Barplot: 1.1.1.1 - Missing Data Age (by Gender)



Barplot: 1.1.1.2 - Age (by Gender)

## Chapter 2

# Clinical characteristics

## 2.1 Diabetes Status

### 2.1.1 Type of diabetes

Type	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

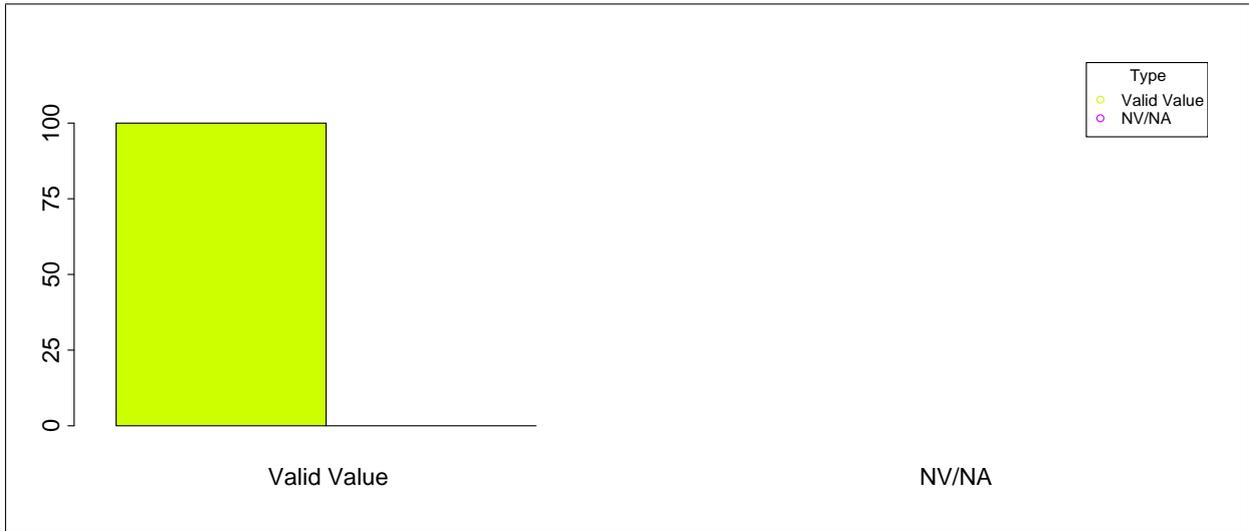
Table 2.1.1.1: Missing Data Type (by Age)

Type	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Type 1	5 ( 62.5)	162 ( 60.7)	328 ( 23.4)	158 ( 2.7)	12( 0.5)	665 ( 6.8)
Type 2	1 ( 12.5)	33 ( 12.4)	972 ( 69.4)	5442 ( 94.7)	2259( 97.6)	8707 ( 89.4)
Other Type	2 ( 25.0)	72 ( 27.0)	101 ( 7.2)	148 ( 2.6)	44( 1.9)	367 ( 3.8)
TOTAL	8( 0.1)	267( 2.7)	1401( 14.4)	5748( 59.0)	2315( 23.8)	9739 (100.0)

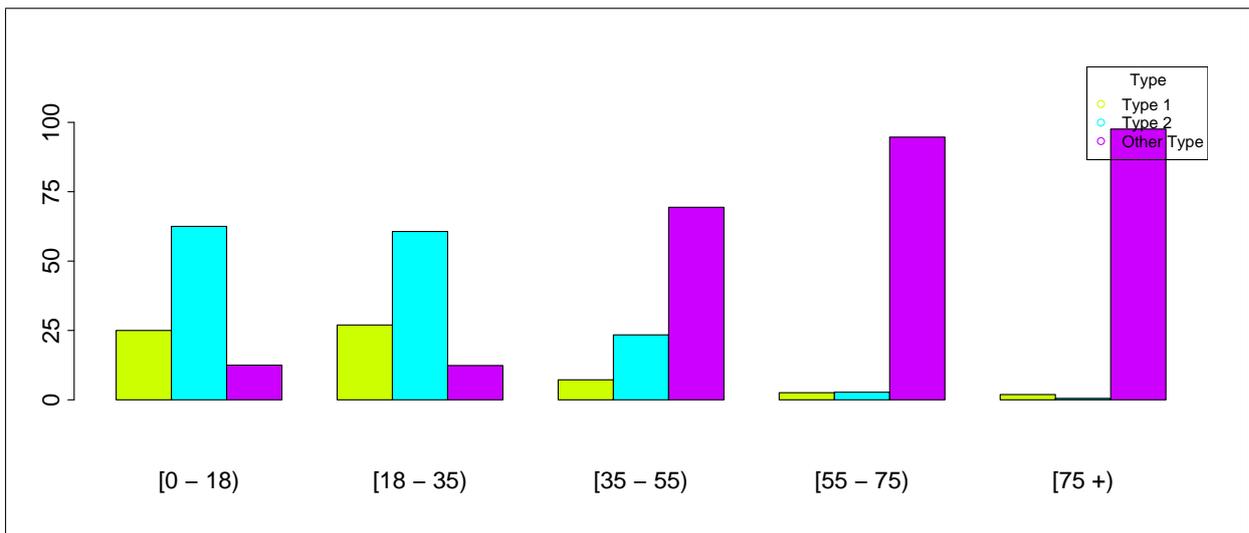
Table 2.1.1.2: Type (by Age)

	CMH Chi-Square	p.value	df
Value	2768.017	0	8

## 2.1.1 Type of diabetes



Barplot: 2.1.1.1 - Missing Data Type (by Age)



Barplot: 2.1.1.2 - Type (by Age)

### 2.1.2. Duration of diabetes (Classes)

Duration of Diabetes	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.1.2.1: Missing Data Duration of Diabetes (by Type of Diabetes)

Duration of Diabetes	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
[0 - 10)	149 ( 22.4)	4690 ( 53.9)	303( 82.6)	5142 ( 52.8)
[10 - 20)	191 ( 28.7)	2362 ( 27.1)	45( 12.3)	2598 ( 26.7)
[20+)	325 ( 48.9)	1655 ( 19.0)	19( 5.2)	1999 ( 20.5)
TOTAL	665( 6.8)	8707( 89.4)	367( 3.8)	9739 (100.0)

Table 2.1.2.2: Duration of Diabetes (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	522.3092	0	4

2.1.2. Duration of diabetes (Classes)

Duration of Diabetes	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.1.2.3: Missing Data Duration of Diabetes (by Gender)

Duration of Diabetes	Gender			N ( % )
	Male ( % )	Female ( % )		
[0 - 10)	2782 ( 54.0)	2360( 51.5)		5142 ( 52.8)
[10 - 20)	1425 ( 27.6)	1173( 25.6)		2598 ( 26.7)
[20+)	949 ( 18.4)	1050( 22.9)		1999 ( 20.5)
TOTAL	5156( 52.9)	4583( 47.1)		9739 (100.0)

Table 2.1.2.4: Duration of Diabetes (by Gender)

	CMH Chi-Square	p.value	df
Value	30.5727	0	2

2.1.2. Duration of diabetes (Classes)

Duration of Diabetes	HbA1c Done		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	9739 (100.0)	0( 0.0)	9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)	9739 (100.0)

Table 2.1.2.5: Missing Data Duration of Diabetes (by HbA1c Done)

Duration of Diabetes	HbA1c Done		N ( % )
	with hba1c ( % )	without hba1c ( % )	
[0 - 10)	4672 ( 51.8)	470( 65.7)	5142 ( 52.8)
[10 - 20)	2461 ( 27.3)	137( 19.2)	2598 ( 26.7)
[20+)	1891 ( 21.0)	108( 15.1)	1999 ( 20.5)
TOTAL	9024( 92.7)	715( 7.3)	9739 (100.0)

Table 2.1.2.6: Duration of Diabetes (by HbA1c Done)

	CMH Chi-Square	p.value	df
Value	51.8433	0	2

## 2.1.2. Duration of diabetes (Classes)

**Type of Diabetes = Type 1**

Duration of Diabetes	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>665(100.0)</b>	<b>0( 0.0)</b>		<b>665 (100.0)</b>

Table 2.1.2.7: Missing Data Duration of Diabetes (by Gender, Type of Diabetes = Type 1)

Duration of Diabetes	Gender			N ( % )
	Male ( % )	Female ( % )		
[0 - 10)	90 ( 25.3)	59( 19.1)		149 ( 22.4)
[10 - 20)	103 ( 28.9)	88( 28.5)		191 ( 28.7)
[20+)	163 ( 45.8)	162( 52.4)		325 ( 48.9)
<b>TOTAL</b>	<b>356( 53.5)</b>	<b>309( 46.5)</b>		<b>665 (100.0)</b>

Table 2.1.2.8: Duration of Diabetes (by Gender, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	4.3306	0.1147	2

2.1.2. Duration of diabetes (Classes)  
**Type of Diabetes = Type 1**

Duration of Diabetes	HbA1c Done		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	665 (100.0)	0( 0.0)	665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
<b>TOTAL</b>	<b>665(100.0)</b>	<b>0( 0.0)</b>	<b>665 (100.0)</b>

Table 2.1.2.9: Missing Data Duration of Diabetes (by HbA1c Done, Type of Diabetes = Type 1)

Duration of Diabetes	HbA1c Done		N ( % )
	with hba1c ( % )	without hba1c ( % )	
[0 - 10)	133 ( 21.4)	16( 36.4)	149 ( 22.4)
[10 - 20)	183 ( 29.5)	8( 18.2)	191 ( 28.7)
[20+)	305 ( 49.1)	20( 45.5)	325 ( 48.9)
<b>TOTAL</b>	<b>621( 93.4)</b>	<b>44( 6.6)</b>	<b>665 (100.0)</b>

Table 2.1.2.10: Duration of Diabetes (by HbA1c Done, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	6.0318	0.049	2

2.1.2. Duration of diabetes (Classes)

**Type of Diabetes = Type 1**

Duration of Diabetes	Gender * HbA1c Done				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0( 0.0)	0 ( 0.0)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	665(100.0)	665 (100.0)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	665(100.0)	665 (100.0)

Table 2.1.2.11: Missing Data Duration of Diabetes (by Gender \* HbA1c Done, Type of Diabetes = Type 1)

Duration of Diabetes	Gender * HbA1c Done				
	with hba1c		without hba1c		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 10)	51 ( 18.0)	82 ( 24.3)	8 ( 30.8)	8( 44.4)	149 ( 22.4)
[10 - 20)	84 ( 29.7)	99 ( 29.3)	4 ( 15.4)	4( 22.2)	191 ( 28.7)
[20+)	148 ( 52.3)	157 ( 46.4)	14 ( 53.8)	6( 33.3)	325 ( 48.9)
TOTAL	283( 42.6)	338( 50.8)	26( 3.9)	18( 2.7)	665 (100.0)

Table 2.1.2.12: Duration of Diabetes (by Gender \* HbA1c Done, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	654.585	0	11

2.1.2. Duration of diabetes (Classes)  
**Type of Diabetes = Type 2**

Duration of Diabetes	Gender		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	8707 (100.0)	0( 0.0)	8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	8707(100.0)	0( 0.0)	8707 (100.0)

Table 2.1.2.13: Missing Data Duration of Diabetes (by Gender, Type of Diabetes = Type 2)

Duration of Diabetes	Gender		N ( % )
	Male ( % )	Female ( % )	
[0 - 10)	2614 ( 55.6)	2076( 51.8)	4690 ( 53.9)
[10 - 20)	1308 ( 27.8)	1054( 26.3)	2362 ( 27.1)
[20+)	779 ( 16.6)	876( 21.9)	1655 ( 19.0)
TOTAL	4701( 54.0)	4006( 46.0)	8707 (100.0)

Table 2.1.2.14: Duration of Diabetes (by Gender, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	39.4906	0	2

2.1.2. Duration of diabetes (Classes)  
**Type of Diabetes = Type 2**

Duration of Diabetes	HbA1c Done		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	8707 (100.0)	0( 0.0)	8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	8707(100.0)	0( 0.0)	8707 (100.0)

Table 2.1.2.15: Missing Data Duration of Diabetes (by HbA1c Done, Type of Diabetes = Type 2)

Duration of Diabetes	HbA1c Done		N ( % )
	with hba1c ( % )	without hba1c ( % )	
[0 - 10)	4352 ( 53.2)	338( 63.7)	4690 ( 53.9)
[10 - 20)	2254 ( 27.6)	108( 20.3)	2362 ( 27.1)
[20+)	1570 ( 19.2)	85( 16.0)	1655 ( 19.0)
TOTAL	8176( 93.9)	531( 6.1)	8707 (100.0)

Table 2.1.2.16: Duration of Diabetes (by HbA1c Done, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	22.344	0	2

2.1.2. Duration of diabetes (Classes)

**Type of Diabetes = Type 2**

Duration of Diabetes	Gender * HbA1c Done				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0( 0.0)	0 ( 0.0)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	8707(100.0)	8707 (100.0)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	8707(100.0)	8707 (100.0)

Table 2.1.2.17: Missing Data Duration of Diabetes (by Gender \* HbA1c Done, Type of Diabetes = Type 2)

Duration of Diabetes	Gender * HbA1c Done				
	with hba1c		without hba1c		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 10)	1908 ( 50.9)	2444 ( 55.2)	168 ( 64.4)	170( 63.0)	4690 ( 53.9)
[10 - 20)	1005 ( 26.8)	1249 ( 28.2)	49 ( 18.8)	59( 21.9)	2362 ( 27.1)
[20+)	832 ( 22.2)	738 ( 16.7)	44 ( 16.9)	41( 15.2)	1655 ( 19.0)
TOTAL	3745( 43.0)	4431( 50.9)	261( 3.0)	270( 3.1)	8707 (100.0)

Table 2.1.2.18: Duration of Diabetes (by Gender \* HbA1c Done, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	9880.9642	0	11

2.1.2. Duration of diabetes (Classes)  
**Type of Diabetes = Other Type**

Duration of Diabetes	Gender		
	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	367 (100.0)	0( 0.0)	367 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>	<b>367 (100.0)</b>

Table 2.1.2.19: Missing Data Duration of Diabetes (by Gender, Type of Diabetes = Other Type)

Duration of Diabetes	Gender		
	Male ( % )	Female ( % )	N ( % )
[0 - 10)	78 ( 78.8)	225( 84.0)	303 ( 82.6)
[10 - 20)	14 ( 14.1)	31( 11.6)	45 ( 12.3)
[20+)	7 ( 7.1)	12( 4.5)	19 ( 5.2)
<b>TOTAL</b>	<b>99( 27.0)</b>	<b>268( 73.0)</b>	<b>367 (100.0)</b>

Table 2.1.2.20: Duration of Diabetes (by Gender, Type of Diabetes = Other Type)

	CMH Chi-Square	p.value	df
Value	1.5635	0.4576	2

2.1.2. Duration of diabetes (Classes)  
**Type of Diabetes = Other Type**

Duration of Diabetes	HbA1c Done			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	367 (100.0)	0( 0.0)		367 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	367(100.0)	0( 0.0)		367 (100.0)

Table 2.1.2.21: Missing Data Duration of Diabetes (by HbA1c Done, Type of Diabetes = Other Type)

Duration of Diabetes	HbA1c Done			N ( % )
	with hba1c ( % )	without hba1c ( % )		
[0 - 10)	187 ( 82.4)	116( 82.9)		303 ( 82.6)
[10 - 20)	24 ( 10.6)	21( 15.0)		45 ( 12.3)
[20+)	16 ( 7.0)	3( 2.1)		19 ( 5.2)
TOTAL	227( 61.9)	140( 38.1)		367 (100.0)

Table 2.1.2.22: Duration of Diabetes (by HbA1c Done, Type of Diabetes = Other Type)

	CMH Chi-Square	p.value	df
Value	5.4118	0.0668	2

2.1.2. Duration of diabetes (Classes)  
**Type of Diabetes = Other Type**

Duration of Diabetes	Gender * HbA1c Done				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0( 0.0)	0 ( 0.0)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	367(100.0)	367 (100.0)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	367(100.0)	367 (100.0)

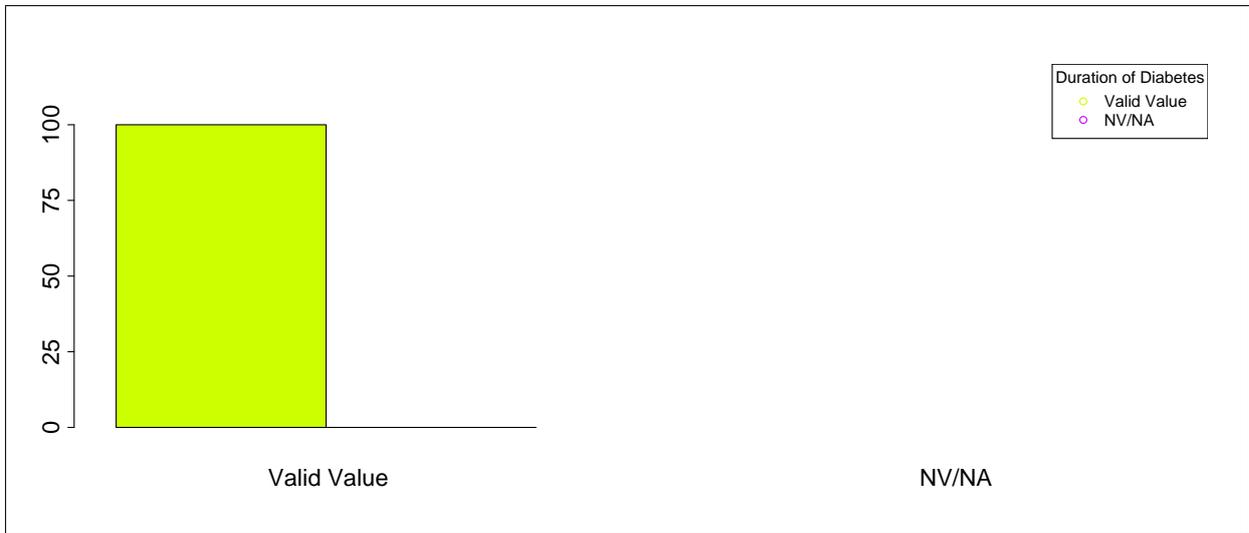
Table 2.1.2.23: Missing Data Duration of Diabetes (by Gender \* HbA1c Done, Type of Diabetes = Other Type)

Duration of Diabetes	Gender * HbA1c Done				
	with hba1c		without hba1c		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 10)	137 ( 84.6)	50 ( 76.9)	88 ( 83.0)	28( 82.4)	303 ( 82.6)
[10 - 20)	14 ( 8.6)	10 ( 15.4)	17 ( 16.0)	4( 11.8)	45 ( 12.3)
[20+)	11 ( 6.8)	5 ( 7.7)	1 ( 0.9)	2( 5.9)	19 ( 5.2)
TOTAL	162( 44.1)	65( 17.7)	106( 28.9)	34( 9.3)	367 (100.0)

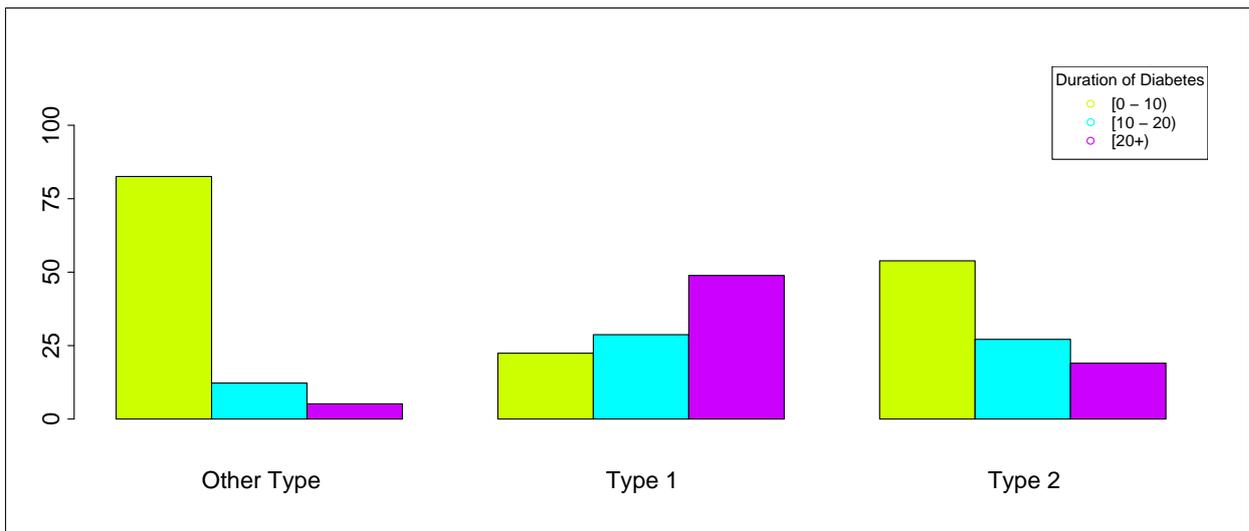
Table 2.1.2.24: Duration of Diabetes (by Gender \* HbA1c Done, Type of Diabetes = Other Type)

	CMH Chi-Square	p.value	df
Value	631.8774	0	11

## 2.1.2. Duration of diabetes (Classes)



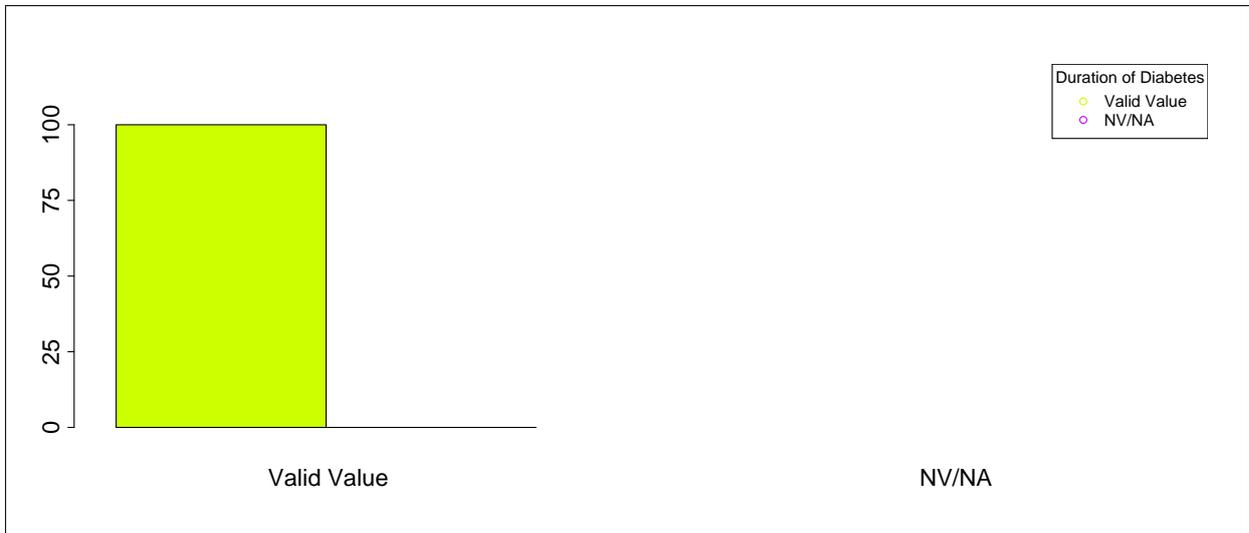
Barplot: 2.1.2.1 - Missing Data Duration of Diabetes (by Type of Diabetes)



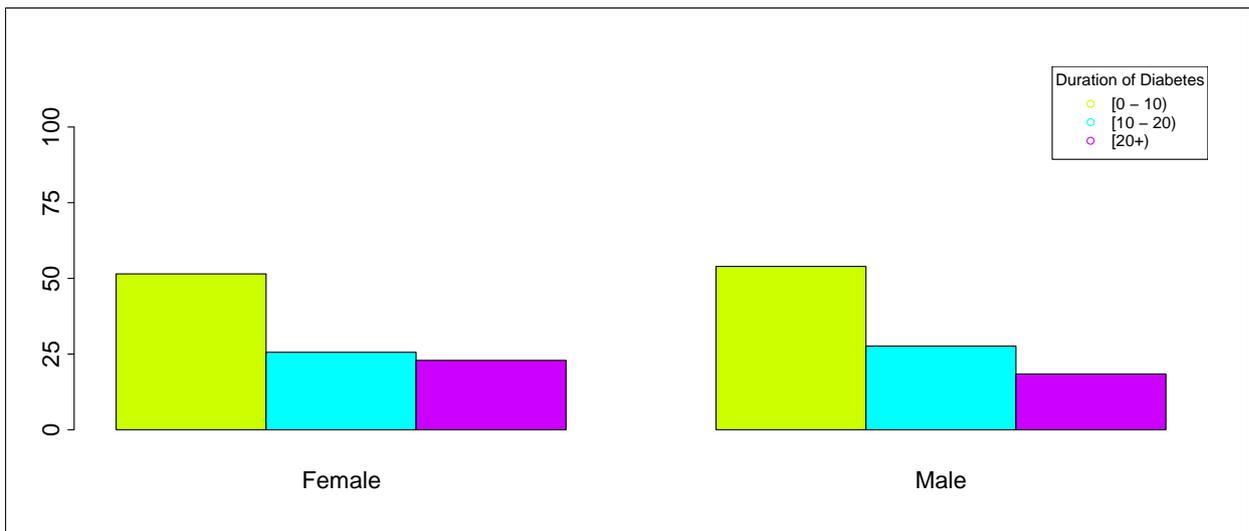
Barplot: 2.1.2.2 - Duration of Diabetes (by Type of Diabetes)

## 2.1.2. Duration of diabetes (Classes)

---

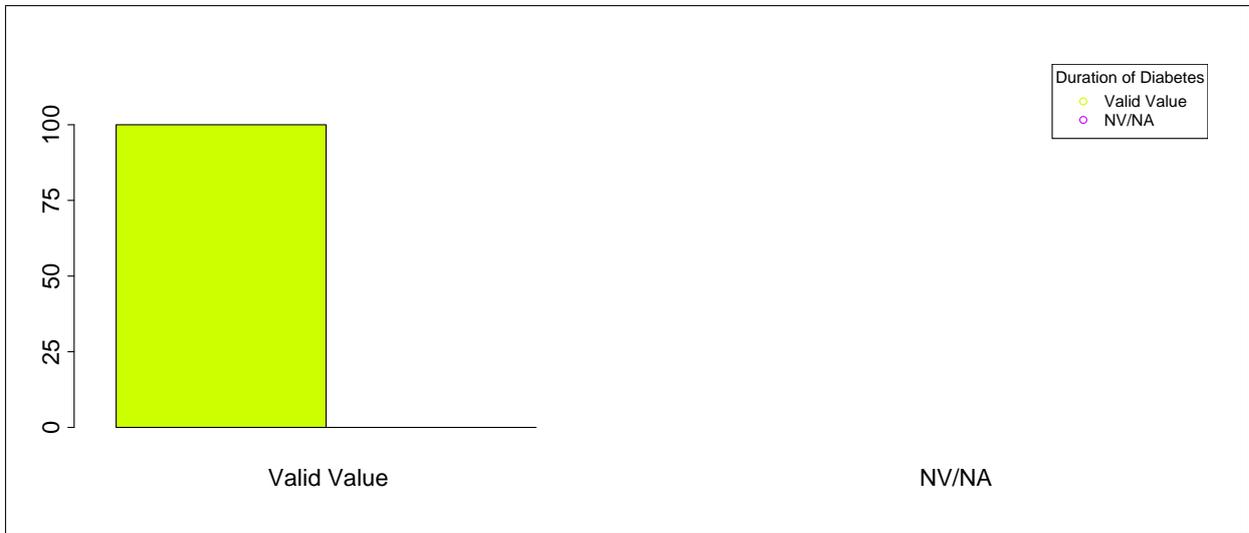


Barplot: 2.1.2.3 - Missing Data Duration of Diabetes (by Gender)

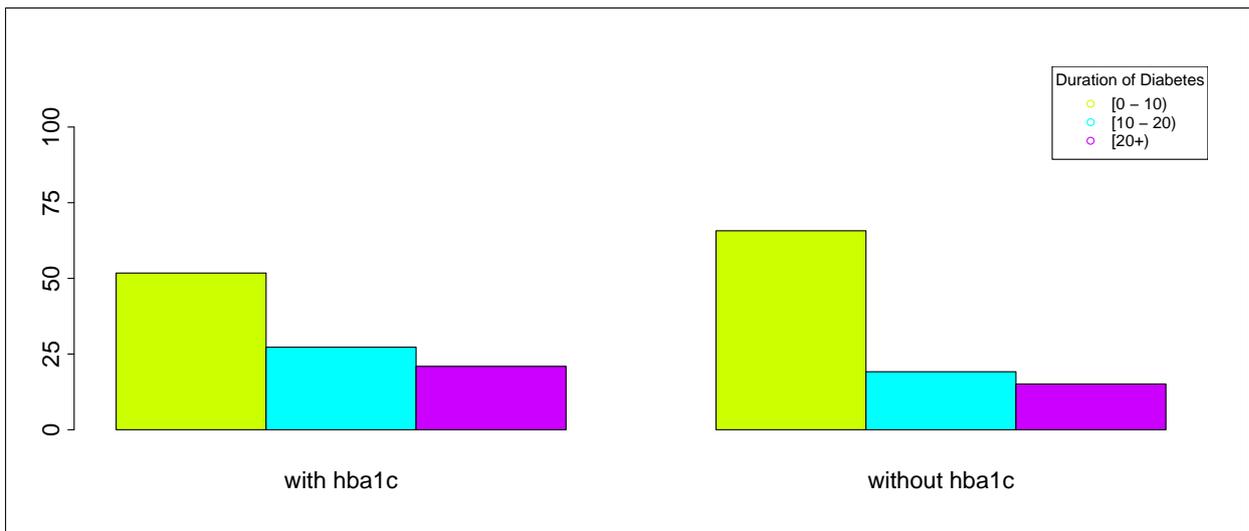


Barplot: 2.1.2.4 - Duration of Diabetes (by Gender)

## 2.1.2. Duration of diabetes (Classes)



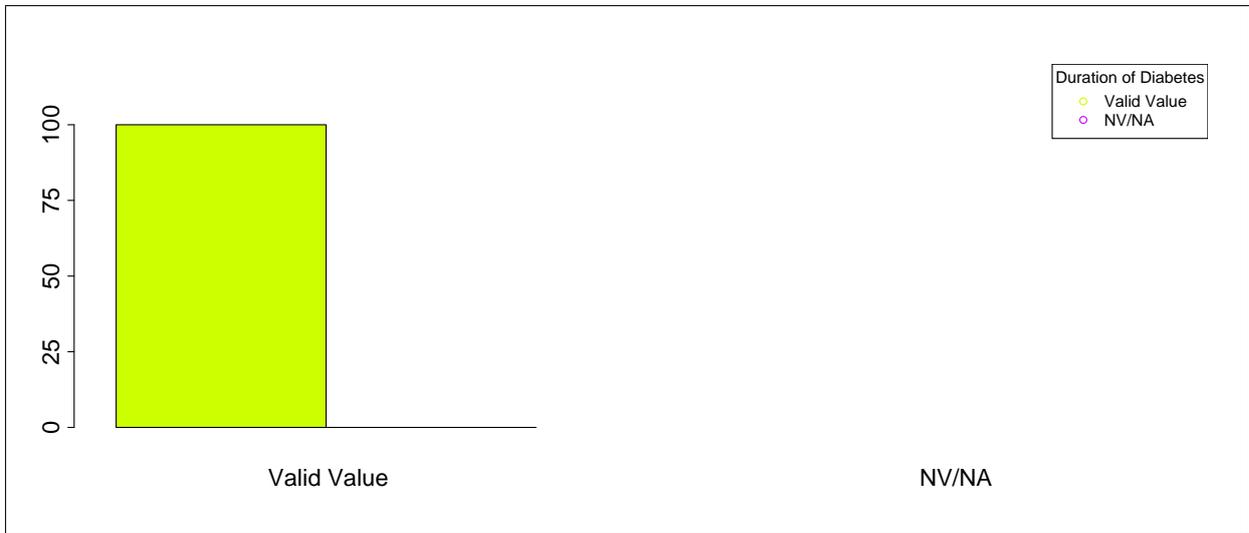
Barplot: 2.1.2.5 - Missing Data Duration of Diabetes (by HbA1c Done)



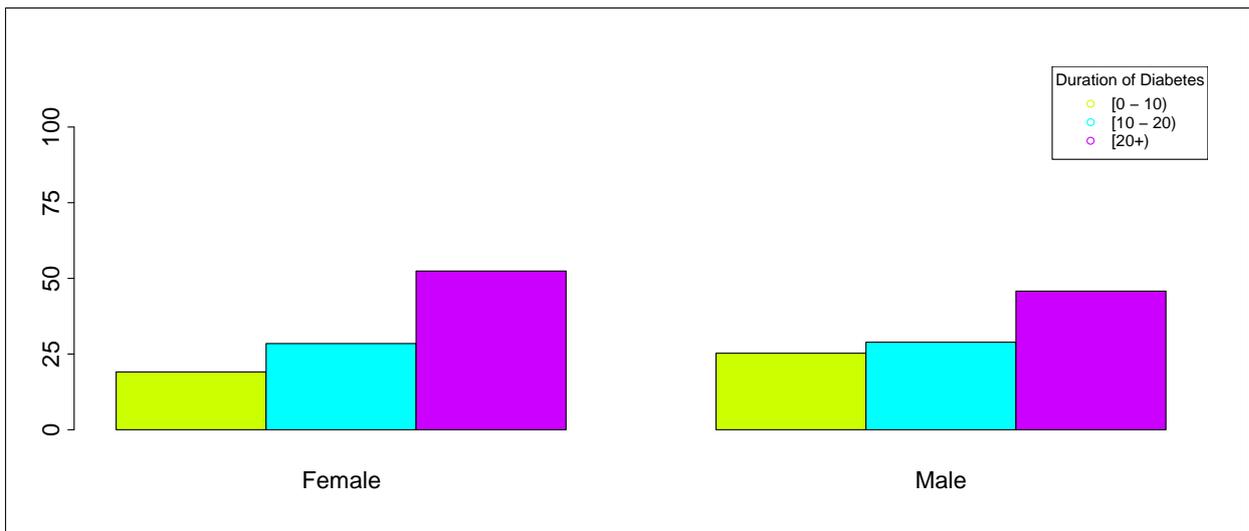
Barplot: 2.1.2.6 - Duration of Diabetes (by HbA1c Done)

2.1.2. Duration of diabetes (Classes)  
**Type of Diabetes = Type 1**

---



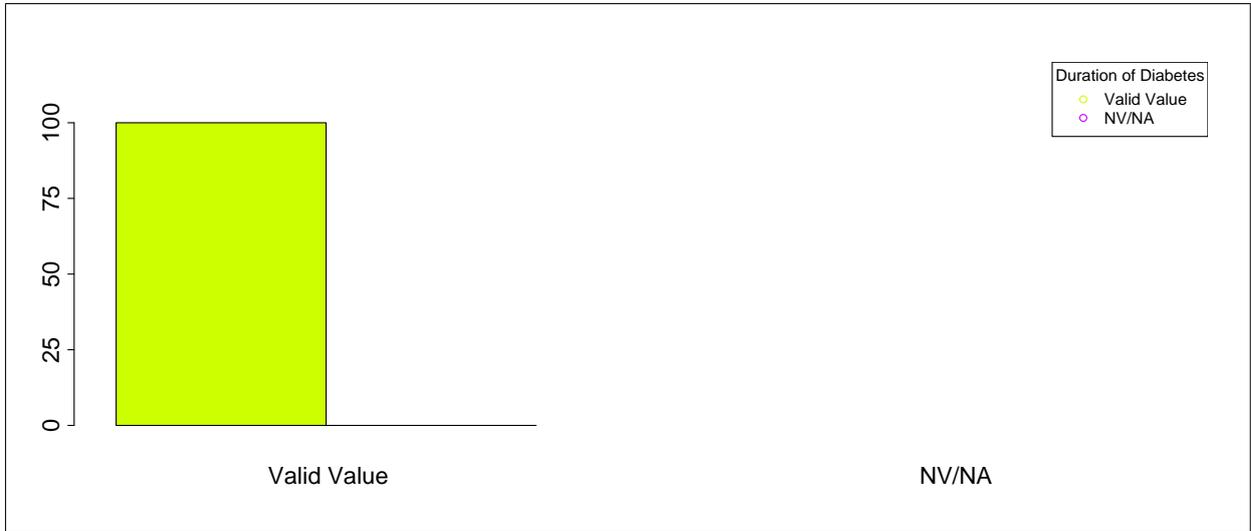
Barplot: 2.1.2.7 - Missing Data Duration of Diabetes (by Gender, Type of Diabetes = Type 1)



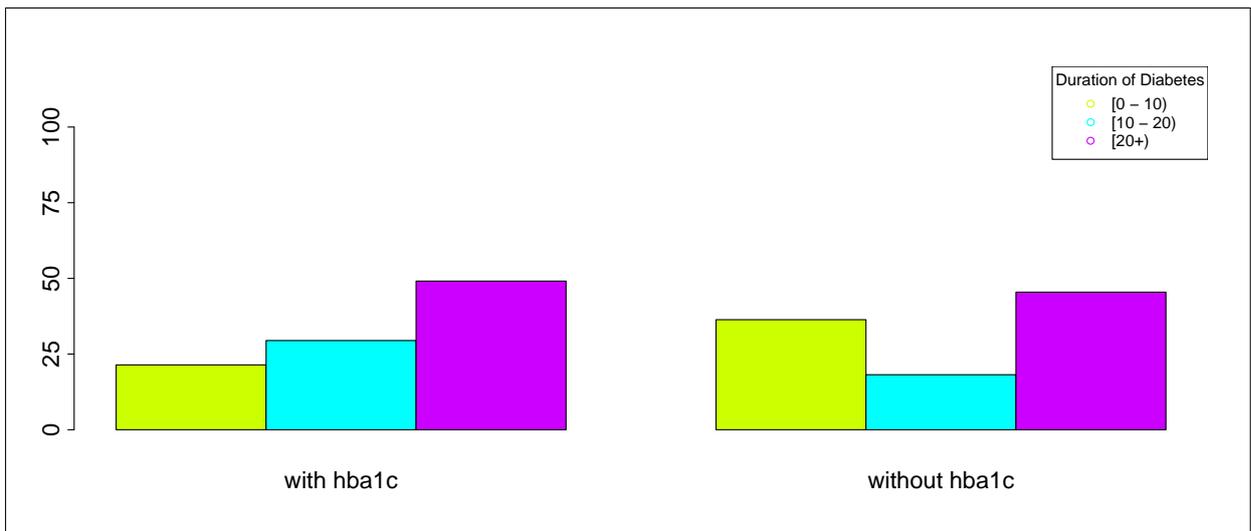
Barplot: 2.1.2.8 - Duration of Diabetes (by Gender, Type of Diabetes = Type 1)

2.1.2. Duration of diabetes (Classes)  
**Type of Diabetes = Type 1**

---



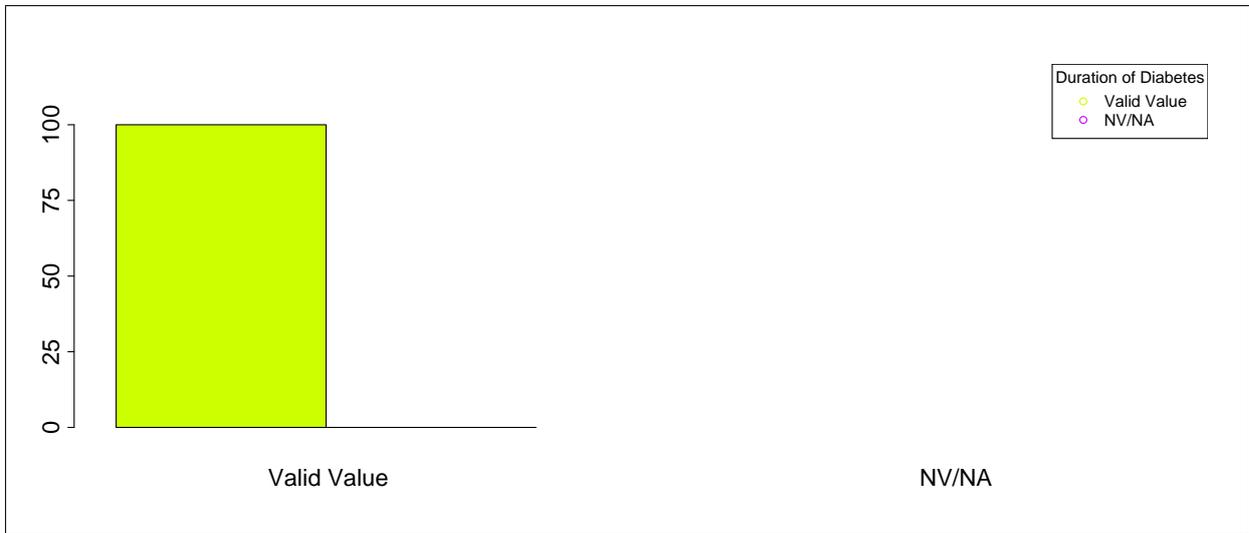
Barplot: 2.1.2.9 - Missing Data Duration of Diabetes (by HbA1c Done, Type of Diabetes = Type 1)



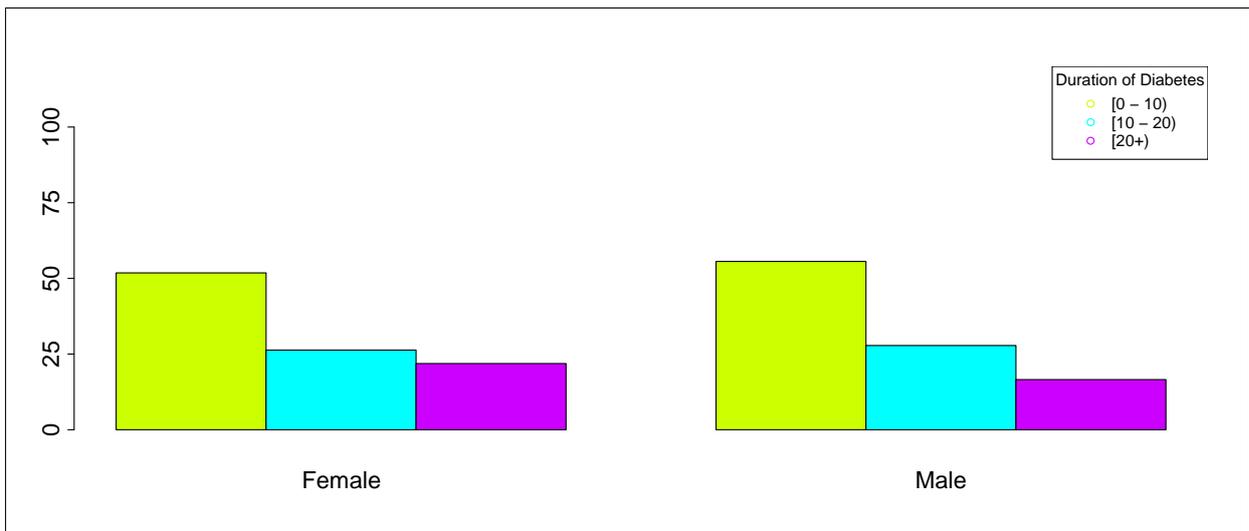
Barplot: 2.1.2.10 - Duration of Diabetes (by HbA1c Done, Type of Diabetes = Type 1)

2.1.2. Duration of diabetes (Classes)  
**Type of Diabetes = Type 2**

---



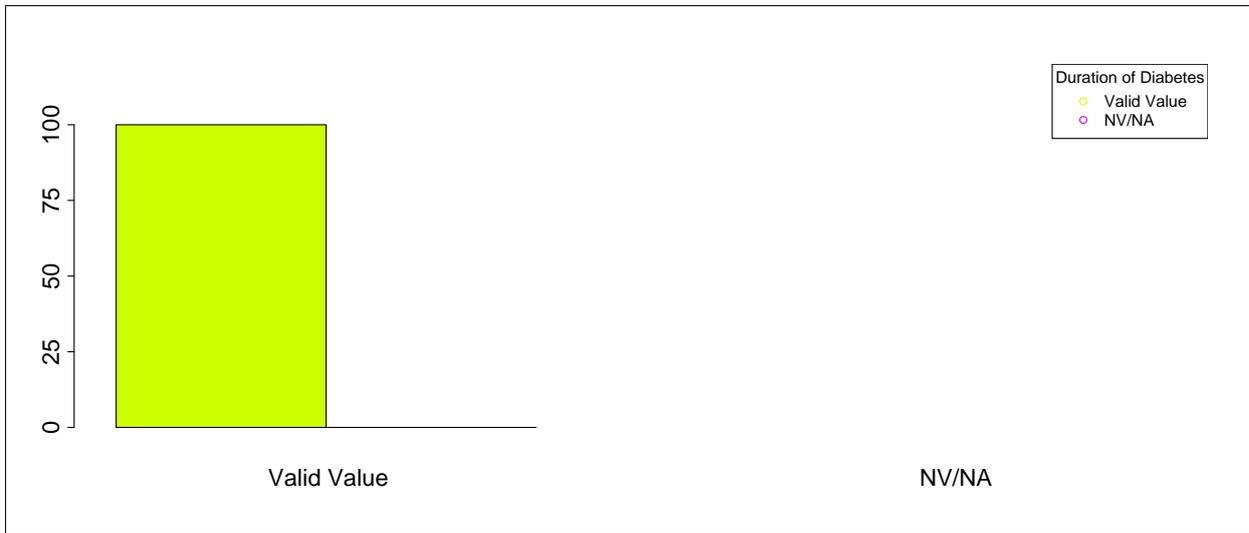
Barplot: 2.1.2.11 - Missing Data Duration of Diabetes (by Gender, Type of Diabetes = Type 2)



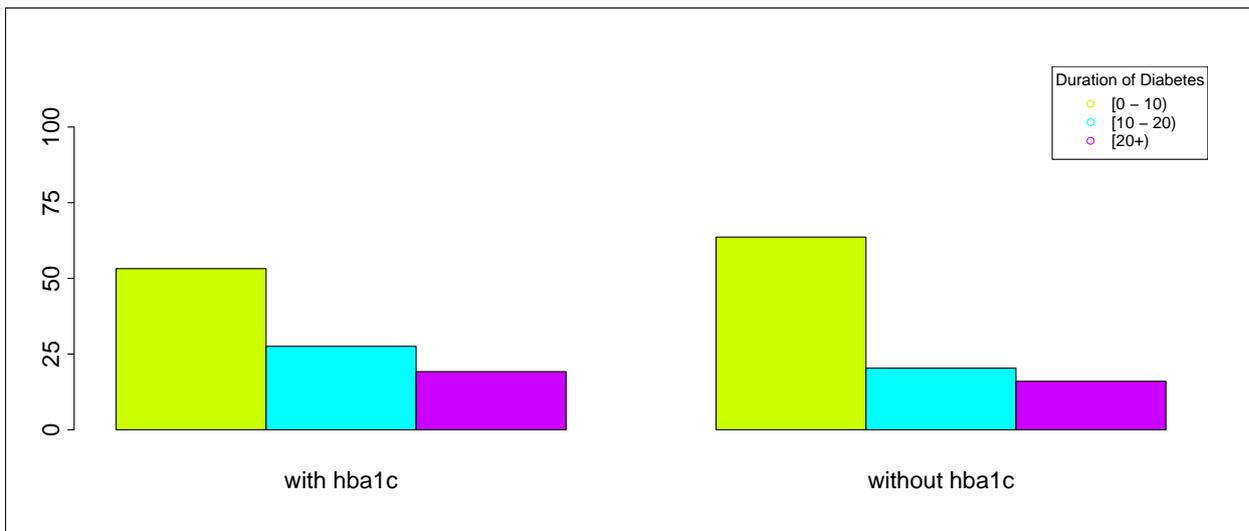
Barplot: 2.1.2.12 - Duration of Diabetes (by Gender, Type of Diabetes = Type 2)

2.1.2. Duration of diabetes (Classes)  
**Type of Diabetes = Type 2**

---



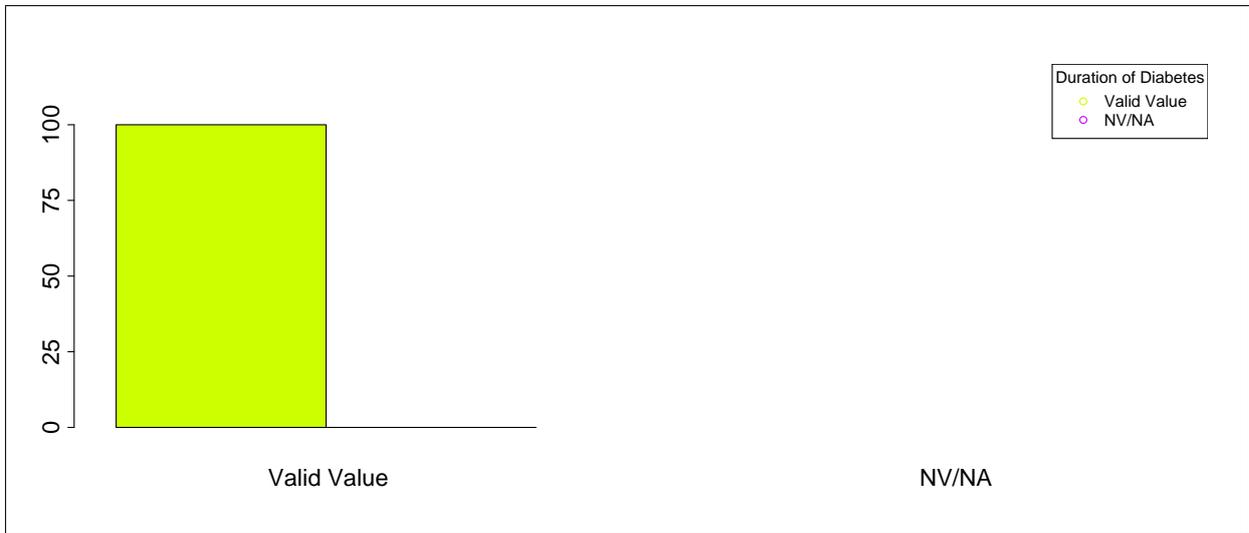
Barplot: 2.1.2.13 - Missing Data Duration of Diabetes (by HbA1c Done, Type of Diabetes = Type 2)



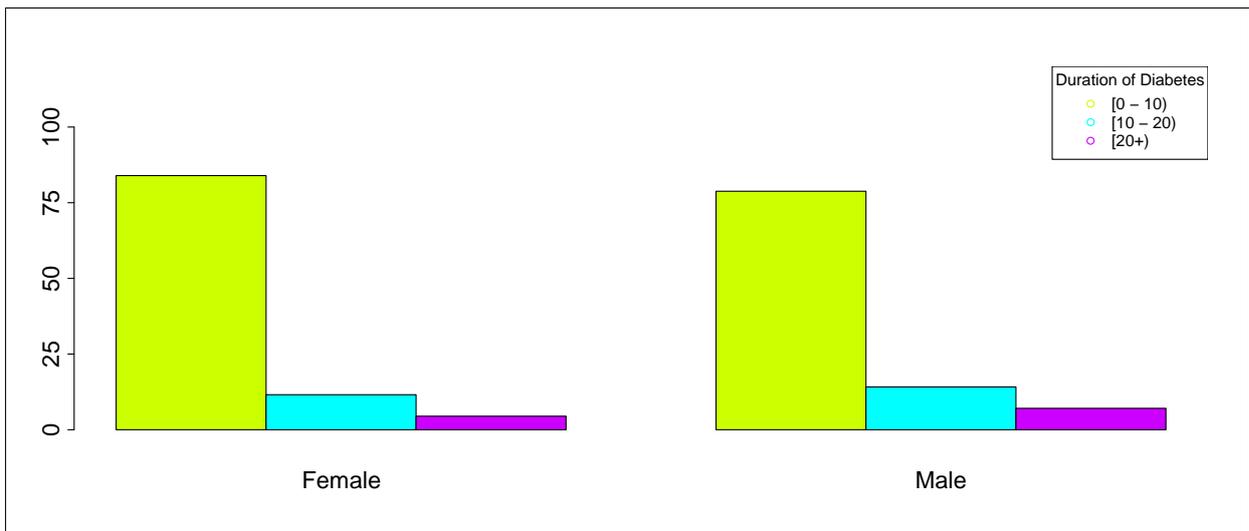
Barplot: 2.1.2.14 - Duration of Diabetes (by HbA1c Done, Type of Diabetes = Type 2)

2.1.2. Duration of diabetes (Classes)  
**Type of Diabetes = Other Type**

---



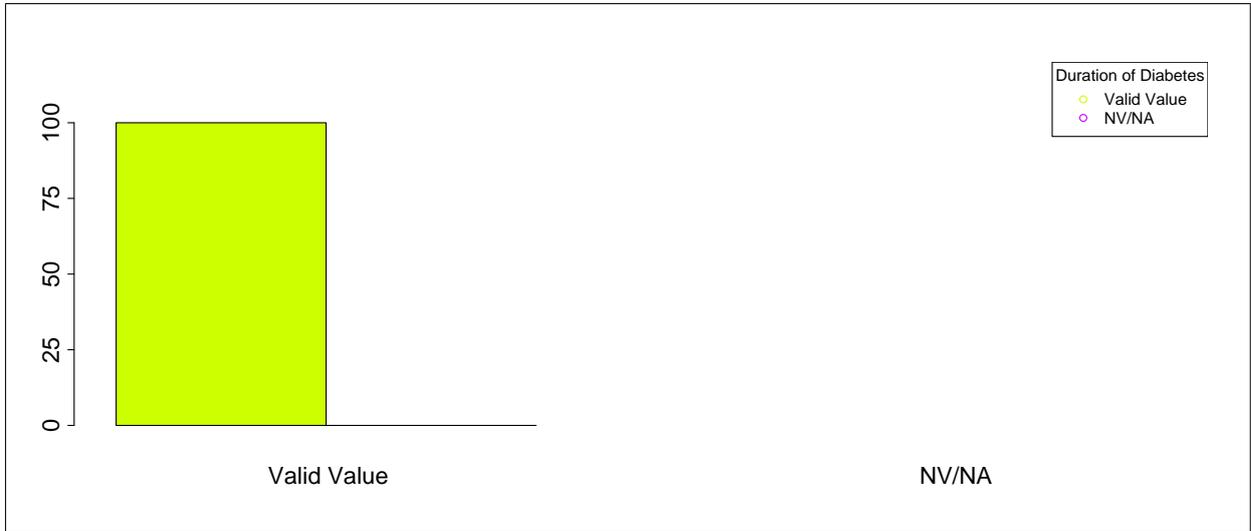
Barplot: 2.1.2.15 - Missing Data Duration of Diabetes (by Gender, Type of Diabetes = Other Type)



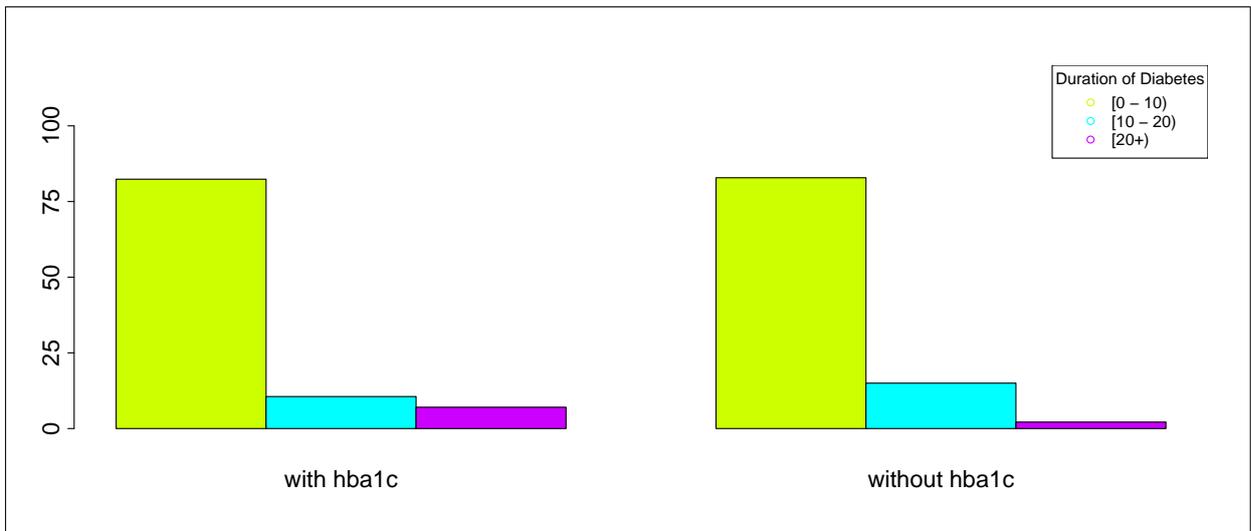
Barplot: 2.1.2.16 - Duration of Diabetes (by Gender, Type of Diabetes = Other Type)

2.1.2. Duration of diabetes (Classes)  
Type of Diabetes = Other Type

---



Barplot: 2.1.2.17 - Missing Data Duration of Diabetes (by HbA1c Done, Type of Diabetes = Other Type)



Barplot: 2.1.2.18 - Duration of Diabetes (by HbA1c Done, Type of Diabetes = Other Type)

## 2.2 Risk Factors

### 2.2.1.1. Weight (last episode in 12 months)

Weight	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6987 ( 71.7)	0( 0.0)		6987 ( 71.7)
NV/NA	2752 ( 28.3)	0( 0.0)		2752 ( 28.3)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.1.1.1: Missing Data Weight (by Type of Diabetes)

Weight	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
[0 - 50)	8 ( 2.2)	48 ( 0.8)	8( 3.3)	64 ( 0.9)
[50 - 70)	163 ( 44.2)	1633 ( 25.6)	85( 35.6)	1881 ( 26.9)
[70 - 90)	163 ( 44.2)	3293 ( 51.6)	101( 42.3)	3557 ( 50.9)
[90 - 110)	31 ( 8.4)	1173 ( 18.4)	28( 11.7)	1232 ( 17.6)
[110 - 130)	3 ( 0.8)	189 ( 3.0)	15( 6.3)	207 ( 3.0)
[130+)	1 ( 0.3)	43 ( 0.7)	2( 0.8)	46 ( 0.7)
TOTAL	369( 5.3)	6379( 91.3)	239( 3.4)	6987 (100.0)

Table 2.2.1.1.2: Weight (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	122.8464	0	10

2.2.1.1. Weight (last episode in 12 months)

Weight	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6987 ( 71.7)	0( 0.0)		6987 ( 71.7)
NV/NA	2752 ( 28.3)	0( 0.0)		2752 ( 28.3)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.1.1.3: Missing Data Weight (by Gender)

Weight	Gender			N ( % )
	Male ( % )	Female ( % )		
[0 - 50)	4 ( 0.1)	60( 1.8)		64 ( 0.9)
[50 - 70)	524 ( 14.2)	1357( 41.2)		1881 ( 26.9)
[70 - 90)	2105 ( 57.0)	1452( 44.0)		3557 ( 50.9)
[90 - 110)	875 ( 23.7)	357( 10.8)		1232 ( 17.6)
[110 - 130)	149 ( 4.0)	58( 1.8)		207 ( 3.0)
[130+)	33 ( 0.9)	13( 0.4)		46 ( 0.7)
TOTAL	3690( 52.8)	3297( 47.2)		6987 (100.0)

Table 2.2.1.1.4: Weight (by Gender)

	CMH Chi-Square	p.value	df
Value	784.6457	0	5

2.2.1.1. Weight (last episode in 12 months)

Weight	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6987 ( 71.7)	0( 0.0)		6987 ( 71.7)
NV/NA	2752 ( 28.3)	0( 0.0)		2752 ( 28.3)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.1.1.5: Missing Data Weight (by Age)

Weight	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 50)	1 ( 16.7)	8 ( 4.2)	11 ( 1.1)	17 ( 0.4)	27( 1.8)	64 ( 0.9)
[50 - 70)	1 ( 16.7)	75 ( 39.5)	214 ( 21.2)	988 ( 23.3)	603( 39.2)	1881 ( 26.9)
[70 - 90)	2 ( 33.3)	70 ( 36.8)	457 ( 45.3)	2283 ( 53.8)	745( 48.5)	3557 ( 50.9)
[90 - 110)	2 ( 33.3)	22 ( 11.6)	242 ( 24.0)	819 ( 19.3)	147( 9.6)	1232 ( 17.6)
[110 - 130)	0 ( 0.0)	9 ( 4.7)	59 ( 5.9)	125 ( 2.9)	14( 0.9)	207 ( 3.0)
[130+)	0 ( 0.0)	6 ( 3.2)	25 ( 2.5)	14 ( 0.3)	1( 0.1)	46 ( 0.7)
TOTAL	6( 0.1)	190( 2.7)	1008( 14.4)	4246( 60.8)	1537( 22.0)	6987 (100.0)

Table 2.2.1.1.6: Weight (by Age)

CMH Chi-Square	
Value	One or more cells have 0 obs

## 2.2.1.1. Weight (last episode in 12 months)

**Type of Diabetes = Type 1**

Weight	Gender		
	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	369 ( 55.5)	0( 0.0)	369 ( 55.5)
NV/NA	296 ( 44.5)	0( 0.0)	296 ( 44.5)
TOTAL	665(100.0)	0( 0.0)	665 (100.0)

Table 2.2.1.1.7: Missing Data Weight (by Gender, Type of Diabetes = Type 1)

Weight	Gender		N ( % )
	Male ( % )	Female ( % )	
[0 - 50)	1 ( 0.6)	7( 3.7)	8 ( 2.2)
[50 - 70)	38 ( 21.1)	125( 66.1)	163 ( 44.2)
[70 - 90)	112 ( 62.2)	51( 27.0)	163 ( 44.2)
[90 - 110)	26 ( 14.4)	5( 2.6)	31 ( 8.4)
[110 - 130)	2 ( 1.1)	1( 0.5)	3 ( 0.8)
[130+)	1 ( 0.6)	0( 0.0)	1 ( 0.3)
TOTAL	180( 48.8)	189( 51.2)	369 (100.0)

Table 2.2.1.1.8: Weight (by Gender, Type of Diabetes = Type 1)

CMH Chi-Square	
Value	One or more cells have 0 obs

2.2.1.1. Weight (last episode in 12 months)

**Type of Diabetes = Type 1**

Weight	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	369 ( 55.5)	0( 0.0)		369 ( 55.5)
NV/NA	296 ( 44.5)	0( 0.0)		296 ( 44.5)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 2.2.1.1.9: Missing Data Weight (by Age, Type of Diabetes = Type 1)

Weight	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 50)	1 ( 25.0)	4 ( 4.3)	3 ( 1.7)	0 ( 0.0)	0( 0.0)	8 ( 2.2)
[50 - 70)	1 ( 25.0)	44 ( 47.3)	82 ( 47.1)	33 ( 35.1)	3( 75.0)	163 ( 44.2)
[70 - 90)	2 ( 50.0)	41 ( 44.1)	68 ( 39.1)	52 ( 55.3)	0( 0.0)	163 ( 44.2)
[90 - 110)	0 ( 0.0)	3 ( 3.2)	19 ( 10.9)	8 ( 8.5)	1( 25.0)	31 ( 8.4)
[110 - 130)	0 ( 0.0)	0 ( 0.0)	2 ( 1.1)	1 ( 1.1)	0( 0.0)	3 ( 0.8)
[130+)	0 ( 0.0)	1 ( 1.1)	0 ( 0.0)	0 ( 0.0)	0( 0.0)	1 ( 0.3)
TOTAL	4( 1.1)	93( 25.2)	174( 47.2)	94( 25.5)	4( 1.1)	369 (100.0)

Table 2.2.1.1.10: Weight (by Age, Type of Diabetes = Type 1)

CMH Chi-Square	
Value	One or more cells have 0 obs

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Type 1**

Weight	Gender * Age					
	Valid Value			NV/NA		
	Valid Value ( % )	NV/NA ( % )		Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)		0 ( 0.0)	296( 44.5)	296 ( 44.5)
NV/NA	0 ( 0.0)	0 ( 0.0)		0 ( 0.0)	369( 55.5)	369 ( 55.5)
TOTAL	0( 0.0)	0( 0.0)		0( 0.0)	665(100.0)	665 (100.0)

Table 2.2.1.1.11: Missing Data Weight (by Gender \* Age, Type of Diabetes = Type 1)

Weight	Gender * Age										
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 50)	0 ( 0.0)	1 ( 50.0)	4 ( 7.3)	0 ( 0.0)	3 ( 3.5)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	8 ( 2.2)
[50 - 70)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 1.2)	1 ( 1.1)	0 ( 0.0)	1 ( 2.0)	0 ( 0.0)	0 ( 0.0)	3 ( 0.8)
[70 - 90)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 2.6)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 0.3)
[90 - 110)	1 ( 50.0)	0 ( 0.0)	33 ( 60.0)	11 ( 28.9)	63 ( 74.1)	19 ( 21.3)	25 ( 56.8)	8 ( 16.0)	3 ( 100.0)	0 ( 0.0)	163 ( 44.2)
[110 - 130)	1 ( 50.0)	1 ( 50.0)	18 ( 32.7)	23 ( 60.5)	15 ( 17.6)	53 ( 59.6)	17 ( 38.6)	35 ( 70.0)	0 ( 0.0)	0 ( 0.0)	163 ( 44.2)
[130+)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	3 ( 7.9)	3 ( 3.5)	16 ( 18.0)	2 ( 4.5)	6 ( 12.0)	0 ( 0.0)	1(100.0)	31 ( 8.4)
TOTAL	2( 0.5)	2( 0.5)	55( 14.9)	38( 10.3)	85( 23.0)	89( 24.1)	44( 11.9)	50( 13.6)	3( 0.8)	1( 0.3)	369 (100.0)

Table 2.2.1.1.12: Weight (by Gender \* Age, Type of Diabetes = Type 1)

---

**CMH Chi-Square**  


---

Value One or more cells have 0 obs  


---

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Type 2**

Weight	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6379 ( 73.3)	0( 0.0)		6379 ( 73.3)
NV/NA	2328 ( 26.7)	0( 0.0)		2328 ( 26.7)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 2.2.1.1.13: Missing Data Weight (by Gender, Type of Diabetes = Type 2)

Weight	Gender			N ( % )
	Male ( % )	Female ( % )		
[0 - 50)	3 ( 0.1)	45( 1.5)		48 ( 0.8)
[50 - 70)	480 ( 13.9)	1153( 39.6)		1633 ( 25.6)
[70 - 90)	1965 ( 56.7)	1328( 45.6)		3293 ( 51.6)
[90 - 110)	842 ( 24.3)	331( 11.4)		1173 ( 18.4)
[110 - 130)	143 ( 4.1)	46( 1.6)		189 ( 3.0)
[130+)	32 ( 0.9)	11( 0.4)		43 ( 0.7)
TOTAL	3465( 54.3)	2914( 45.7)		6379 (100.0)

Table 2.2.1.1.14: Weight (by Gender, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	677.4408	0	5

## 2.2.1.1. Weight (last episode in 12 months)

**Type of Diabetes = Type 2**

Weight	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6379 ( 73.3)	0( 0.0)		6379 ( 73.3)
NV/NA	2328 ( 26.7)	0( 0.0)		2328 ( 26.7)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 2.2.1.1.15: Missing Data Weight (by Age, Type of Diabetes = Type 2)

Weight	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 50)	0 ( 0.0)	0 ( 0.0)	6 ( 0.8)	16 ( 0.4)	26( 1.7)	48 ( 0.8)
[50 - 70)	0 ( 0.0)	4 ( 13.8)	103 ( 13.7)	933 ( 22.9)	593( 39.2)	1633 ( 25.6)
[70 - 90)	0 ( 0.0)	10 ( 34.5)	352 ( 46.7)	2195 ( 53.8)	736( 48.6)	3293 ( 51.6)
[90 - 110)	0 ( 0.0)	7 ( 24.1)	216 ( 28.7)	806 ( 19.7)	144( 9.5)	1173 ( 18.4)
[110 - 130)	0 ( 0.0)	4 ( 13.8)	51 ( 6.8)	120 ( 2.9)	14( 0.9)	189 ( 3.0)
[130+)	0 ( 0.0)	4 ( 13.8)	25 ( 3.3)	13 ( 0.3)	1( 0.1)	43 ( 0.7)
TOTAL	0( 0.0)	29( 0.5)	753( 11.8)	4083( 64.0)	1514( 23.7)	6379 (100.0)

Table 2.2.1.1.16: Weight (by Age, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

2.2.1.1. Weight (last episode in 12 months)

**Type of Diabetes = Type 2**

Weight	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	2328( 26.7)	2328 ( 26.7)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	6379( 73.3)	6379 ( 73.3)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	8707(100.0)	8707 (100.0)

Table 2.2.1.1.17: Missing Data Weight (by Gender \* Age, Type of Diabetes = Type 2)

Weight	Gender * Age										N ( % )
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 50)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	6 ( 2.1)	0 ( 0.0)	15 ( 0.8)	1 ( 0.0)	24 ( 3.0)	2( 0.3)	48 ( 0.8)
[50 - 70)	0 ( 0.0)	0 ( 0.0)	3 ( 18.8)	1 ( 7.7)	13 ( 4.5)	38 ( 8.2)	28 ( 1.6)	92 ( 4.0)	2 ( 0.2)	12( 1.7)	189 ( 3.0)
[70 - 90)	0 ( 0.0)	0 ( 0.0)	2 ( 12.5)	2 ( 15.4)	5 ( 1.7)	20 ( 4.3)	4 ( 0.2)	9 ( 0.4)	0 ( 0.0)	1( 0.1)	43 ( 0.7)
[90 - 110)	0 ( 0.0)	0 ( 0.0)	1 ( 6.2)	3 ( 23.1)	77 ( 26.5)	26 ( 5.6)	656 ( 36.5)	277 ( 12.1)	419 ( 51.9)	174( 24.6)	1633 ( 25.6)
[110 - 130)	0 ( 0.0)	0 ( 0.0)	5 ( 31.2)	5 ( 38.5)	134 ( 46.0)	218 ( 47.2)	865 ( 48.1)	1330 ( 58.2)	324 ( 40.1)	412( 58.4)	3293 ( 51.6)
[130+)	0 ( 0.0)	0 ( 0.0)	5 ( 31.2)	2 ( 15.4)	56 ( 19.2)	160 ( 34.6)	231 ( 12.8)	575 ( 25.2)	39 ( 4.8)	105( 14.9)	1173 ( 18.4)
TOTAL	0( 0.0)	0( 0.0)	16( 0.3)	13( 0.2)	291( 4.6)	462( 7.2)	1799( 28.2)	2284( 35.8)	808( 12.7)	706( 11.1)	6379 (100.0)

Table 2.2.1.1.18: Weight (by Gender \* Age, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

## 2.2.1.1. Weight (last episode in 12 months)

**Type of Diabetes = Other Type**

Weight	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	239 ( 65.1)	0( 0.0)		239 ( 65.1)
NV/NA	128 ( 34.9)	0( 0.0)		128 ( 34.9)
TOTAL	367(100.0)	0( 0.0)		367 (100.0)

Table 2.2.1.1.19: Missing Data Weight (by Gender, Type of Diabetes = Other Type)

Weight	Gender			N ( % )
	Male ( % )	Female ( % )		
[0 - 50)	0 ( 0.0)	8( 4.1)		8 ( 3.3)
[50 - 70)	6 ( 13.3)	79( 40.7)		85 ( 35.6)
[70 - 90)	28 ( 62.2)	73( 37.6)		101 ( 42.3)
[90 - 110)	7 ( 15.6)	21( 10.8)		28 ( 11.7)
[110 - 130)	4 ( 8.9)	11( 5.7)		15 ( 6.3)
[130+)	0 ( 0.0)	2( 1.0)		2 ( 0.8)
TOTAL	45( 18.8)	194( 81.2)		239 (100.0)

Table 2.2.1.1.20: Weight (by Gender, Type of Diabetes = Other Type)

CMH Chi-Square	
Value	One or more cells have 0 obs

## 2.2.1.1. Weight (last episode in 12 months)

**Type of Diabetes = Other Type**

Weight	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	239 ( 65.1)	0( 0.0)		239 ( 65.1)
NV/NA	128 ( 34.9)	0( 0.0)		128 ( 34.9)
TOTAL	367(100.0)	0( 0.0)		367 (100.0)

Table 2.2.1.1.21: Missing Data Weight (by Age, Type of Diabetes = Other Type)

Weight	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 50)	0 ( 0.0)	4 ( 5.9)	2 ( 2.5)	1 ( 1.4)	1( 5.3)	8 ( 3.3)
[50 - 70)	0 ( 0.0)	27 ( 39.7)	29 ( 35.8)	22 ( 31.9)	7( 36.8)	85 ( 35.6)
[70 - 90)	0 ( 0.0)	19 ( 27.9)	37 ( 45.7)	36 ( 52.2)	9( 47.4)	101 ( 42.3)
[90 - 110)	2 (100.0)	12 ( 17.6)	7 ( 8.6)	5 ( 7.2)	2( 10.5)	28 ( 11.7)
[110 - 130)	0 ( 0.0)	5 ( 7.4)	6 ( 7.4)	4 ( 5.8)	0( 0.0)	15 ( 6.3)
[130+)	0 ( 0.0)	1 ( 1.5)	0 ( 0.0)	1 ( 1.4)	0( 0.0)	2 ( 0.8)
TOTAL	2( 0.8)	68( 28.5)	81( 33.9)	69( 28.9)	19( 7.9)	239 (100.0)

Table 2.2.1.1.22: Weight (by Age, Type of Diabetes = Other Type)

CMH Chi-Square	
Value	One or more cells have 0 obs

2.2.1.1. Weight (last episode in 12 months)

**Type of Diabetes = Other Type**

Weight	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0 )	0 ( 0.0 )	0 ( 0.0 )	128( 34.9 )	128 ( 34.9 )
NV/NA	0 ( 0.0 )	0 ( 0.0 )	0 ( 0.0 )	239( 65.1 )	239 ( 65.1 )
TOTAL	0( 0.0 )	0( 0.0 )	0( 0.0 )	367(100.0 )	367 (100.0 )

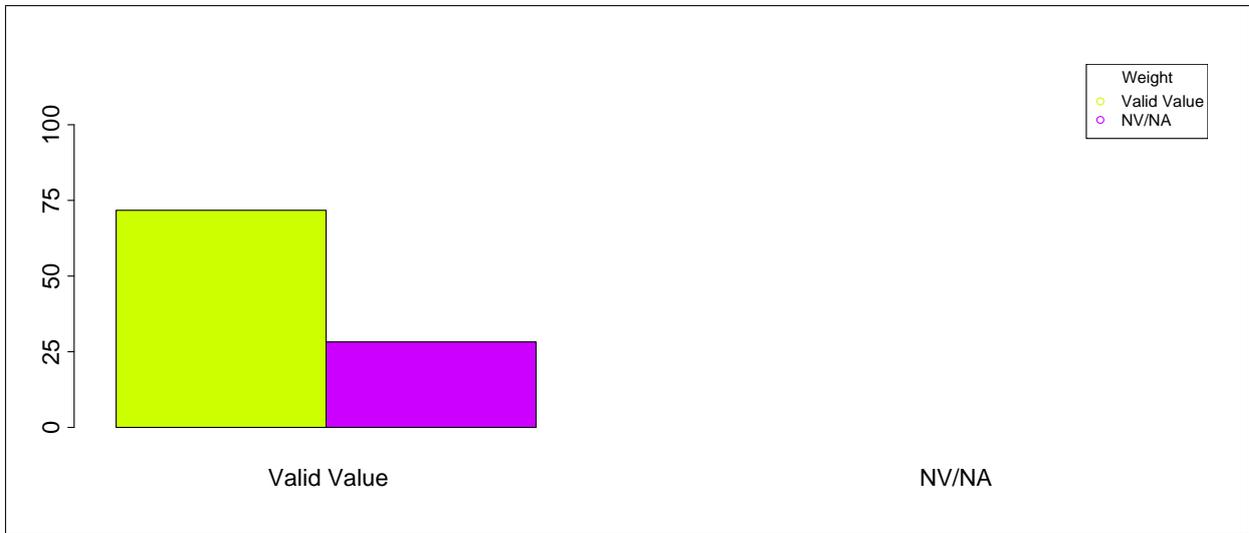
Table 2.2.1.1.23: Missing Data Weight (by Gender \* Age, Type of Diabetes = Other Type)

Weight	Gender * Age										
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 50)	0 ( 0.0 )	0 ( 0.0 )	4 ( 5.9 )	0 ( 0.0 )	2 ( 2.9 )	0 ( 0.0 )	1 ( 2.2 )	0 ( 0.0 )	1 ( 8.3 )	0 ( 0.0 )	8 ( 3.3 )
[50 - 70)	0 ( 0.0 )	0 ( 0.0 )	5 ( 7.4 )	0 ( 0.0 )	3 ( 4.4 )	3 ( 23.1 )	3 ( 6.7 )	1 ( 4.2 )	0 ( 0.0 )	0 ( 0.0 )	15 ( 6.3 )
[70 - 90)	0 ( 0.0 )	0 ( 0.0 )	1 ( 1.5 )	0 ( 0.0 )	0 ( 0.0 )	0 ( 0.0 )	1 ( 2.2 )	0 ( 0.0 )	0 ( 0.0 )	0 ( 0.0 )	2 ( 0.8 )
[90 - 110)	0 ( 0.0 )	0 ( 0.0 )	27 ( 39.7 )	0 ( 0.0 )	27 ( 39.7 )	2 ( 15.4 )	18 ( 40.0 )	4 ( 16.7 )	7 ( 58.3 )	0 ( 0.0 )	85 ( 35.6 )
[110 - 130)	0 ( 0.0 )	0 ( 0.0 )	19 ( 27.9 )	0 ( 0.0 )	30 ( 44.1 )	7 ( 53.8 )	20 ( 44.4 )	16 ( 66.7 )	4 ( 33.3 )	5 ( 71.4 )	101 ( 42.3 )
[130+)	1 ( 100.0 )	1 ( 100.0 )	12 ( 17.6 )	0 ( 0.0 )	6 ( 8.8 )	1 ( 7.7 )	2 ( 4.4 )	3 ( 12.5 )	0 ( 0.0 )	2 ( 28.6 )	28 ( 11.7 )
TOTAL	1 ( 0.4 )	1 ( 0.4 )	68 ( 28.5 )	0 ( 0.0 )	68 ( 28.5 )	13 ( 5.4 )	45 ( 18.8 )	24 ( 10.0 )	12 ( 5.0 )	7 ( 2.9 )	239 ( 100.0 )

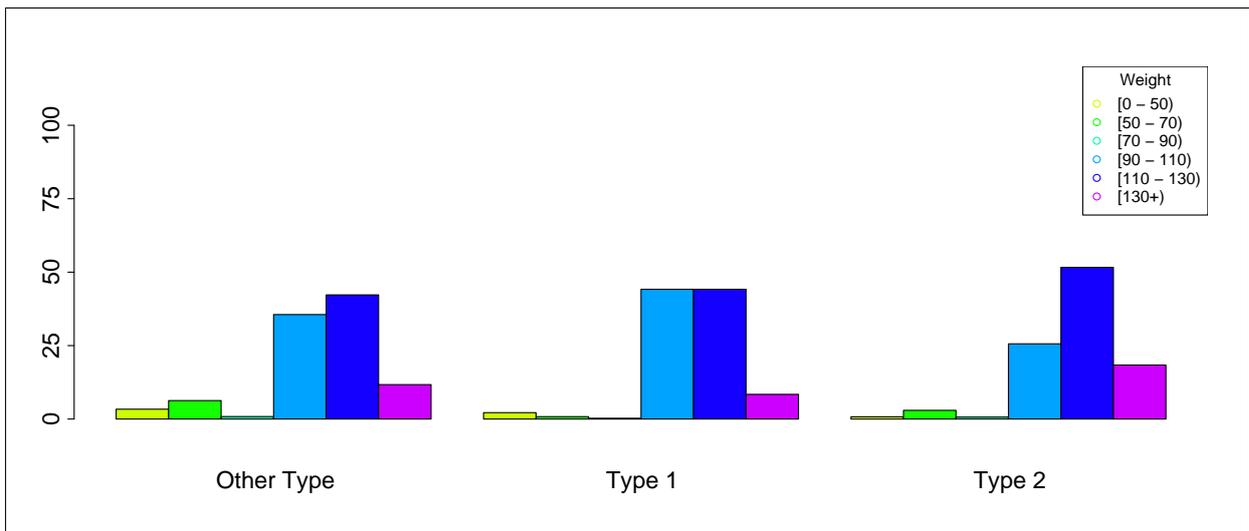
Table 2.2.1.1.24: Weight (by Gender \* Age, Type of Diabetes = Other Type)

\_\_\_\_\_  
 CMH Chi-Square  
 \_\_\_\_\_  
 Value    One or more cells have 0 obs  
 \_\_\_\_\_

2.2.1.1. Weight (last episode in 12 months)

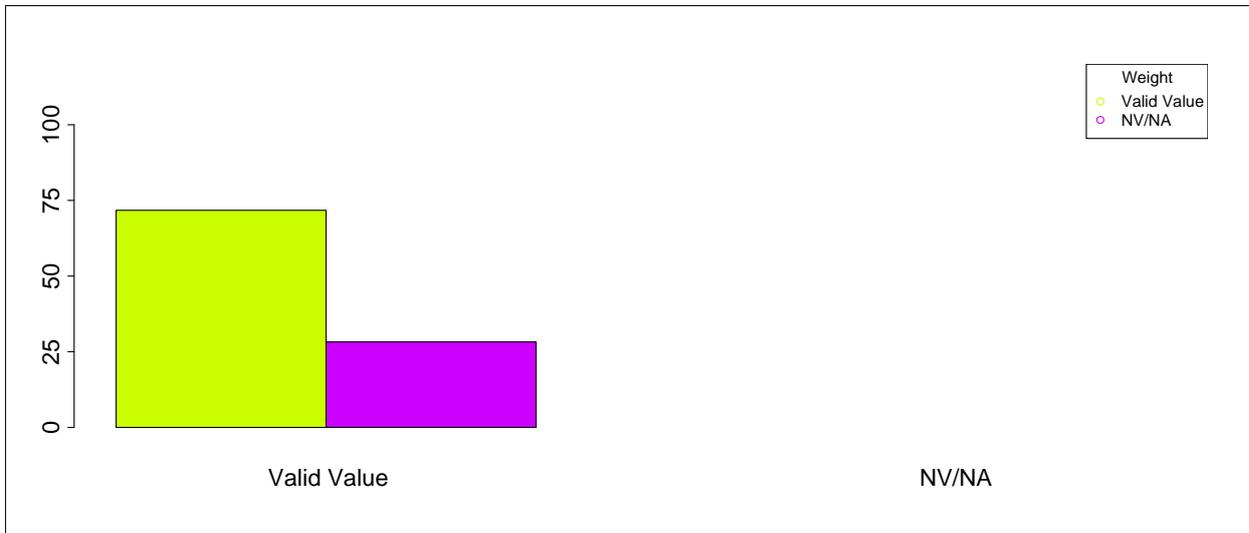


Barplot: 2.2.1.1.1 - Missing Data Weight (by Type of Diabetes)

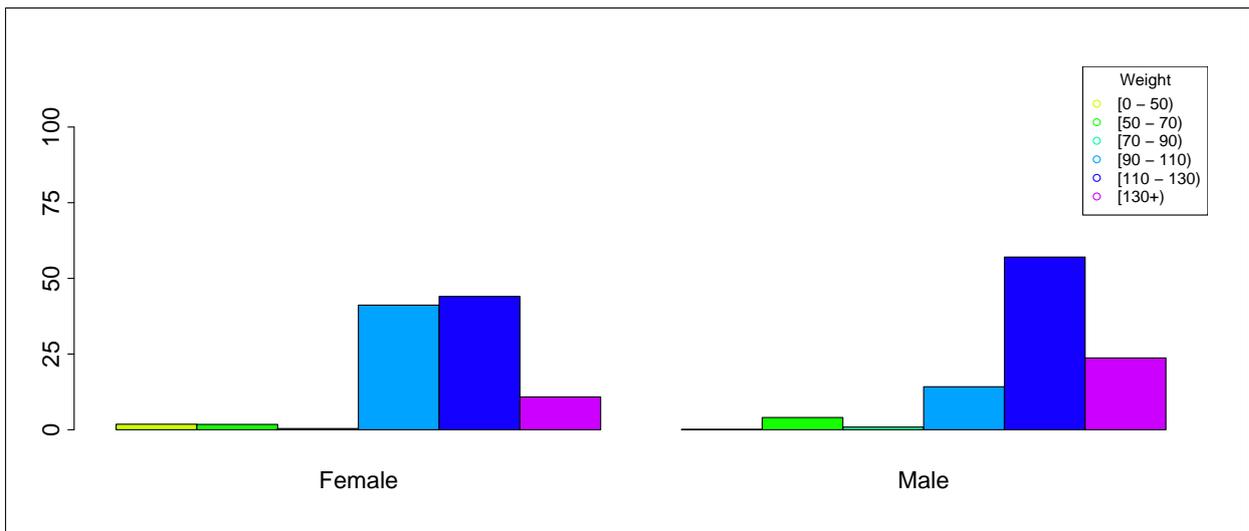


Barplot: 2.2.1.1.2 - Weight (by Type of Diabetes)

2.2.1.1. Weight (last episode in 12 months)

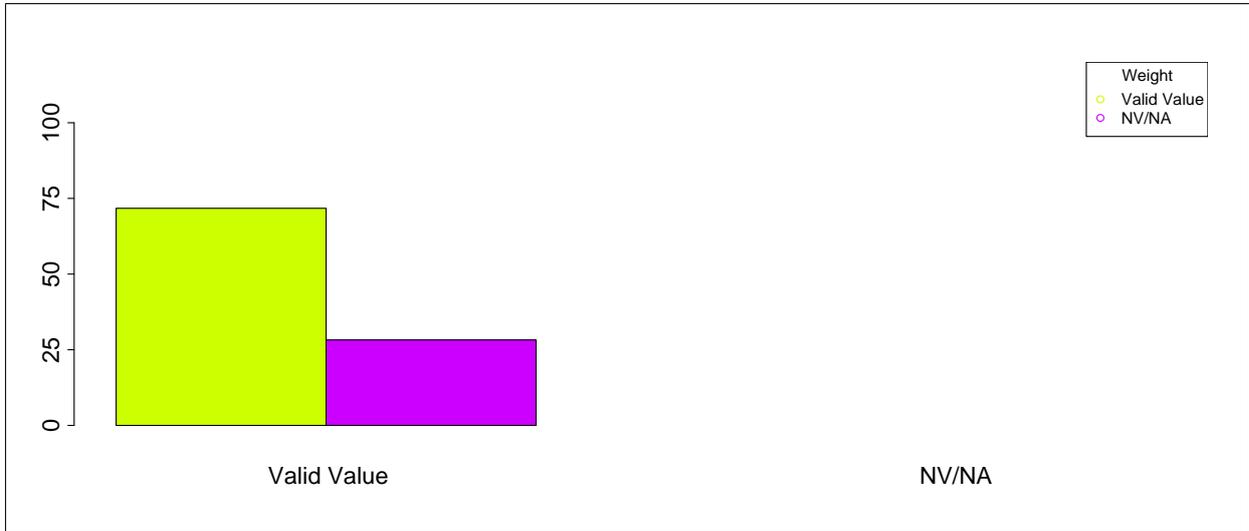


Barplot: 2.2.1.1.3 - Missing Data Weight (by Gender)

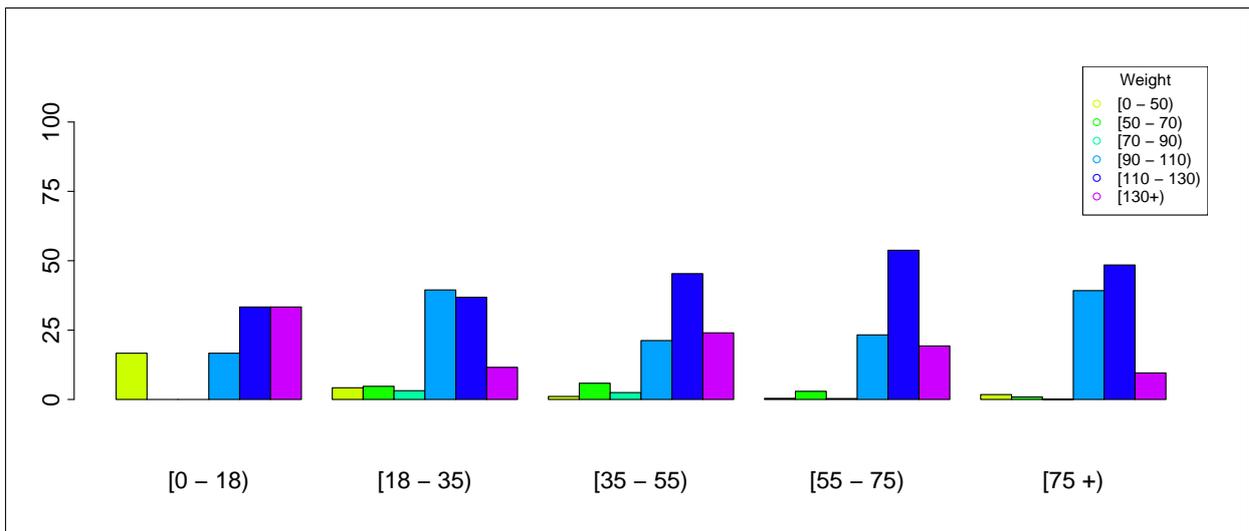


Barplot: 2.2.1.1.4 - Weight (by Gender)

2.2.1.1. Weight (last episode in 12 months)



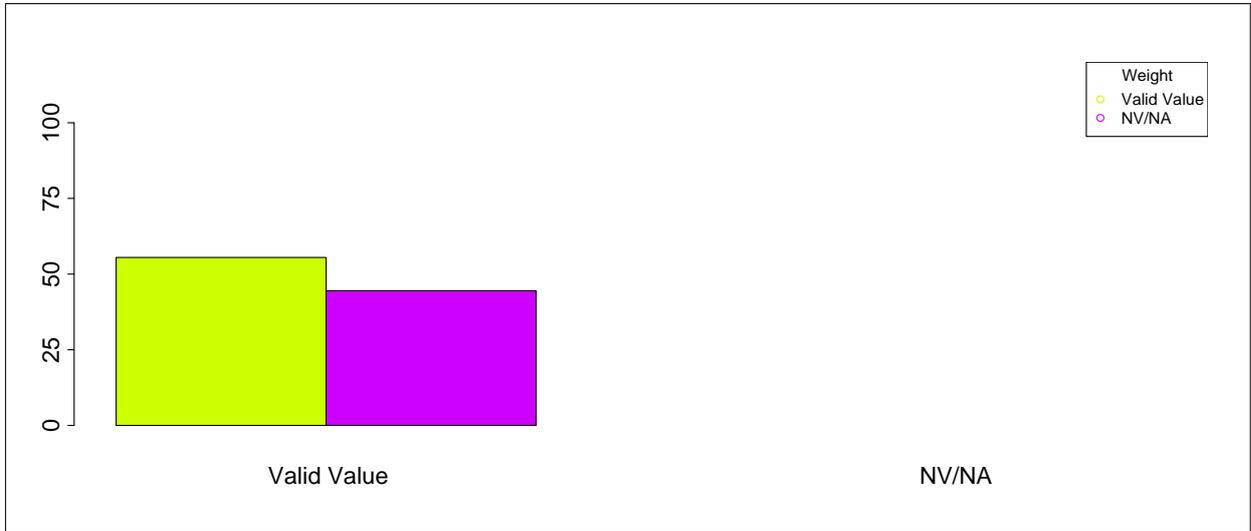
Barplot: 2.2.1.1.5 - Missing Data Weight (by Age)



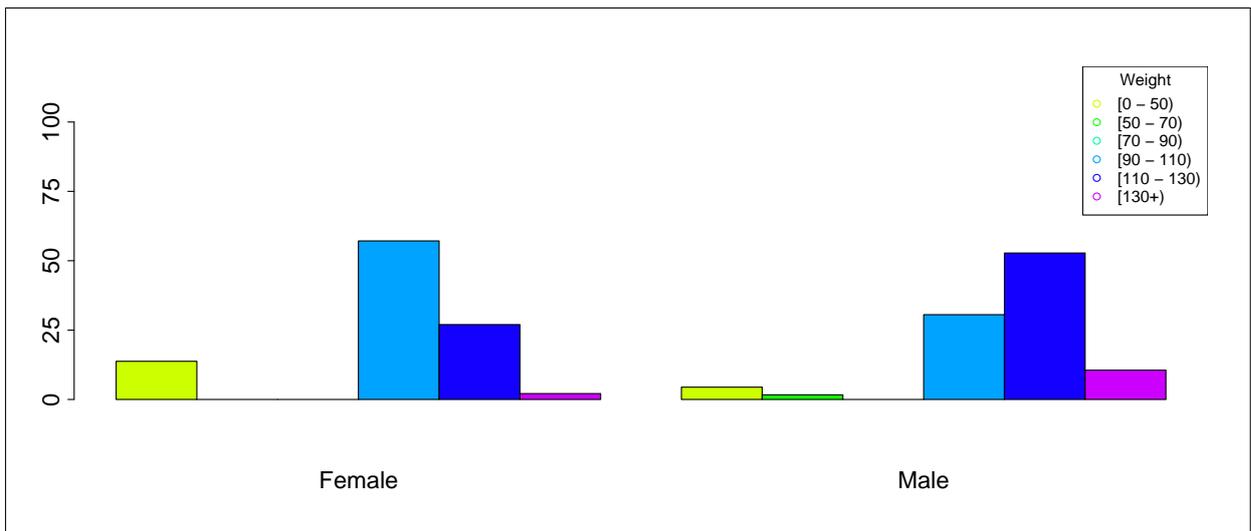
Barplot: 2.2.1.1.6 - Weight (by Age)

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Type 1**

---

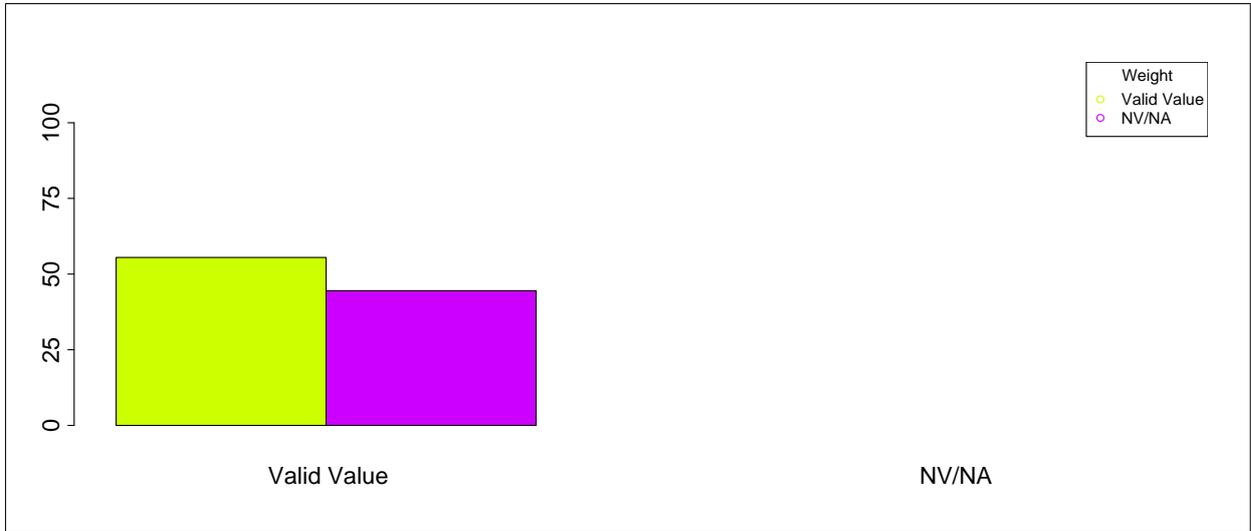


Barplot: 2.2.1.1.7 - Missing Data Weight (by Gender, Type of Diabetes = Type 1)

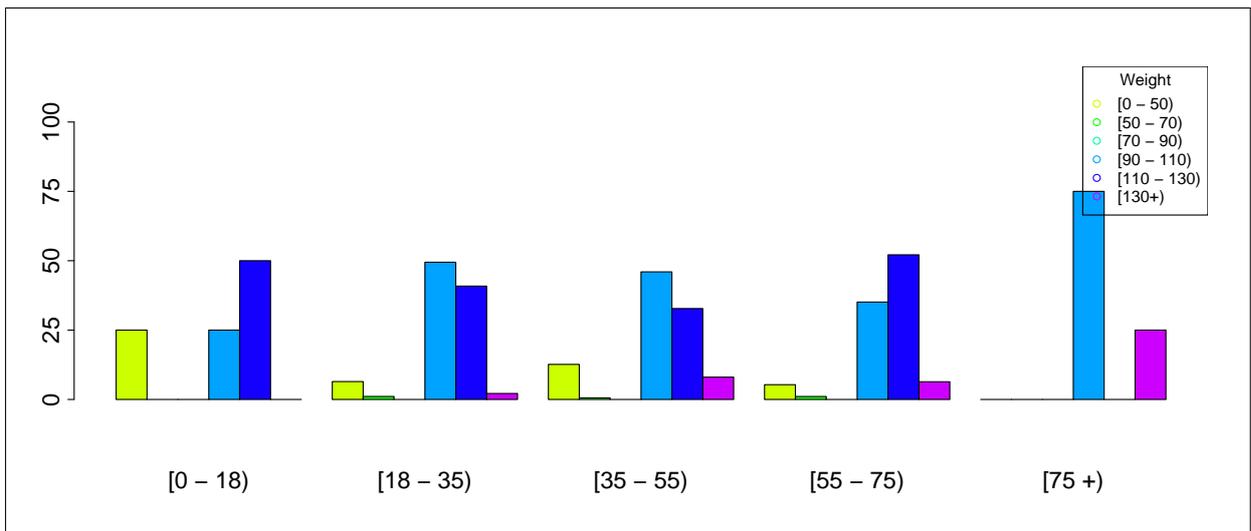


Barplot: 2.2.1.1.8 - Weight (by Gender, Type of Diabetes = Type 1)

2.2.1.1. Weight (last episode in 12 months)  
Type of Diabetes = Type 1



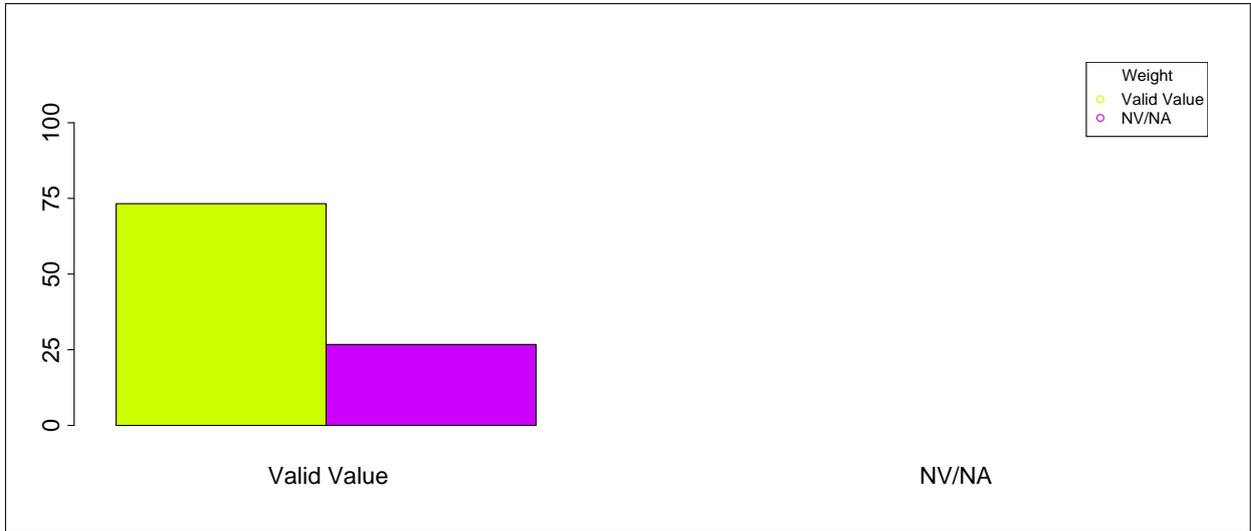
Barplot: 2.2.1.1.9 - Missing Data Weight (by Age, Type of Diabetes = Type 1)



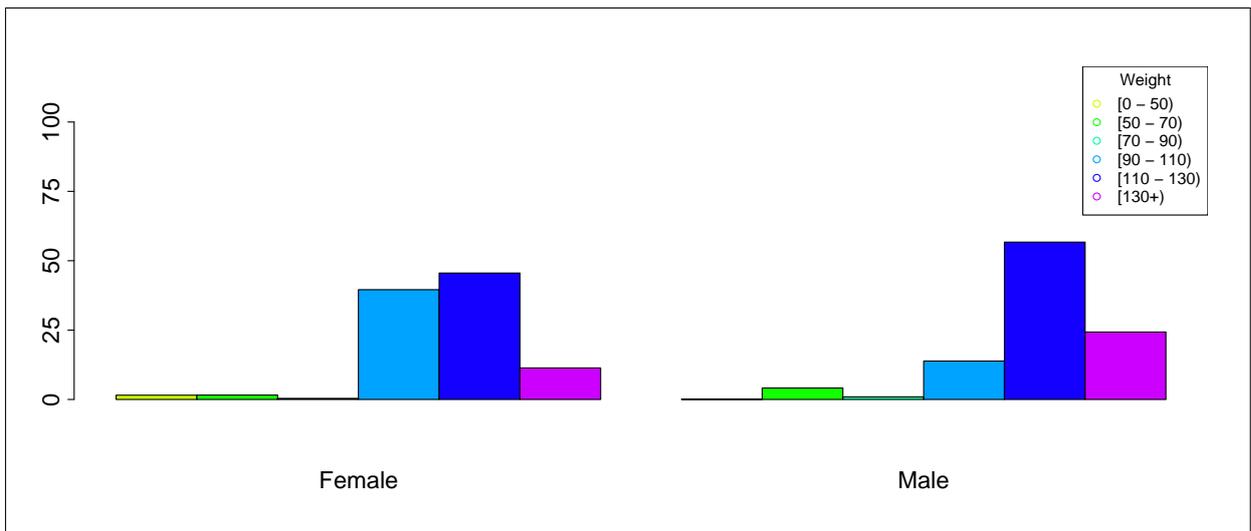
Barplot: 2.2.1.1.10 - Weight (by Age, Type of Diabetes = Type 1)

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Type 2**

---

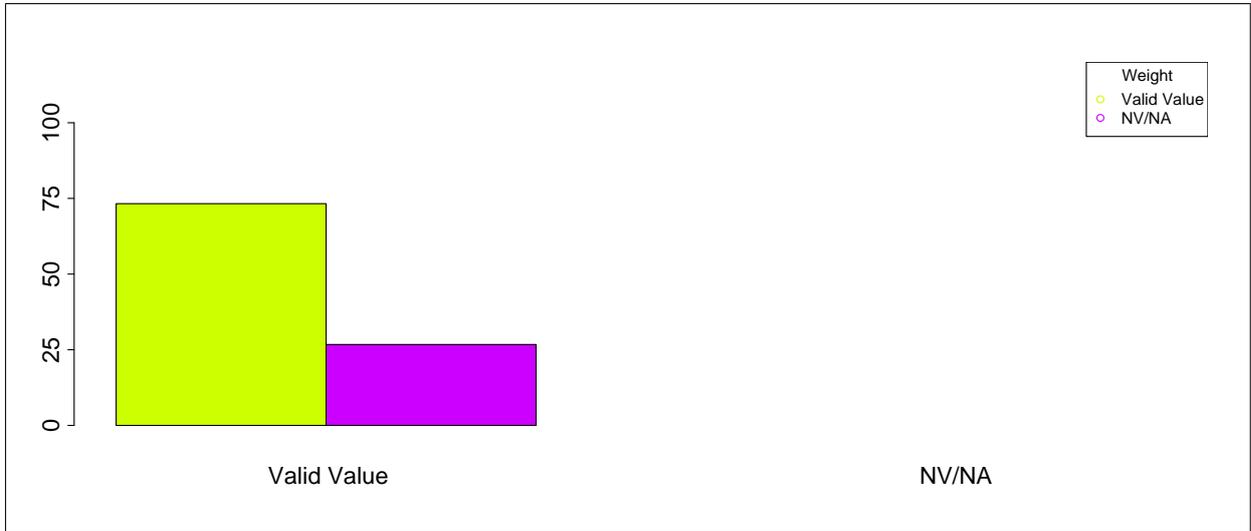


Barplot: 2.2.1.1.11 - Missing Data Weight (by Gender, Type of Diabetes = Type 2)

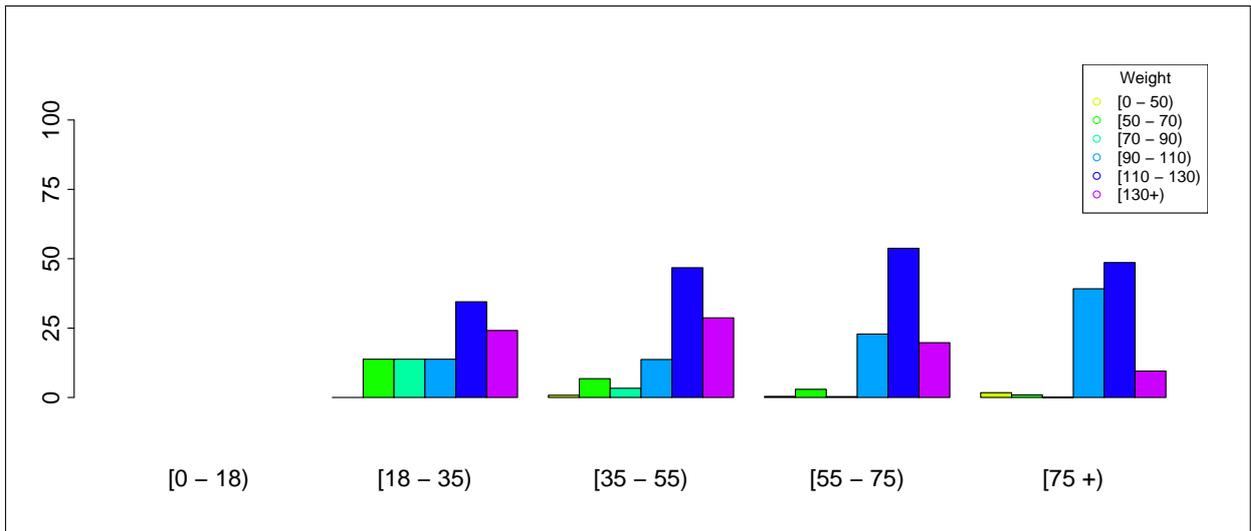


Barplot: 2.2.1.1.12 - Weight (by Gender, Type of Diabetes = Type 2)

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Type 2**

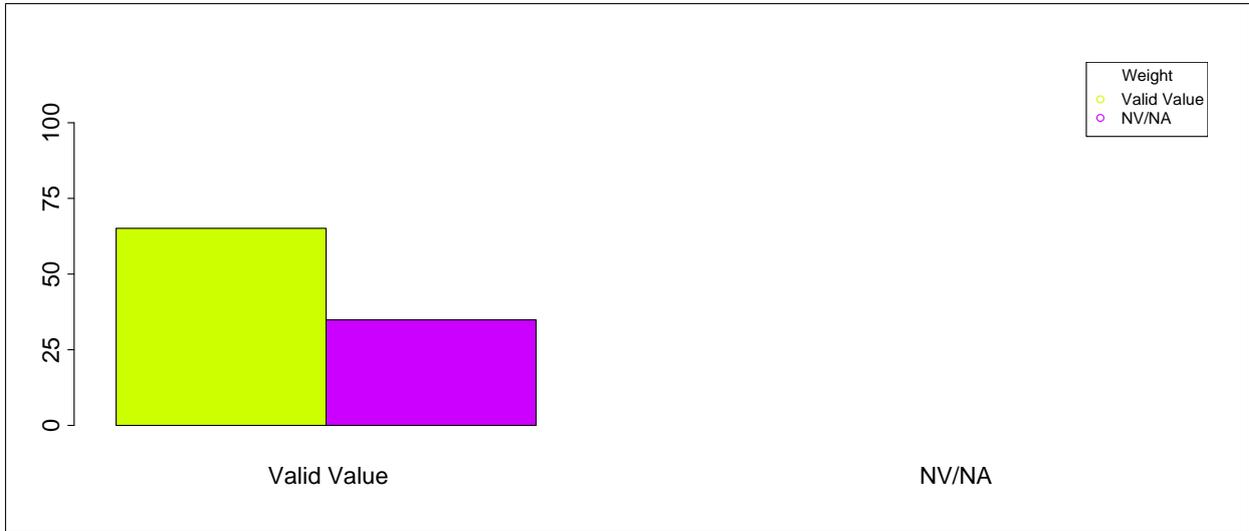


Barplot: 2.2.1.1.13 - Missing Data Weight (by Age, Type of Diabetes = Type 2)

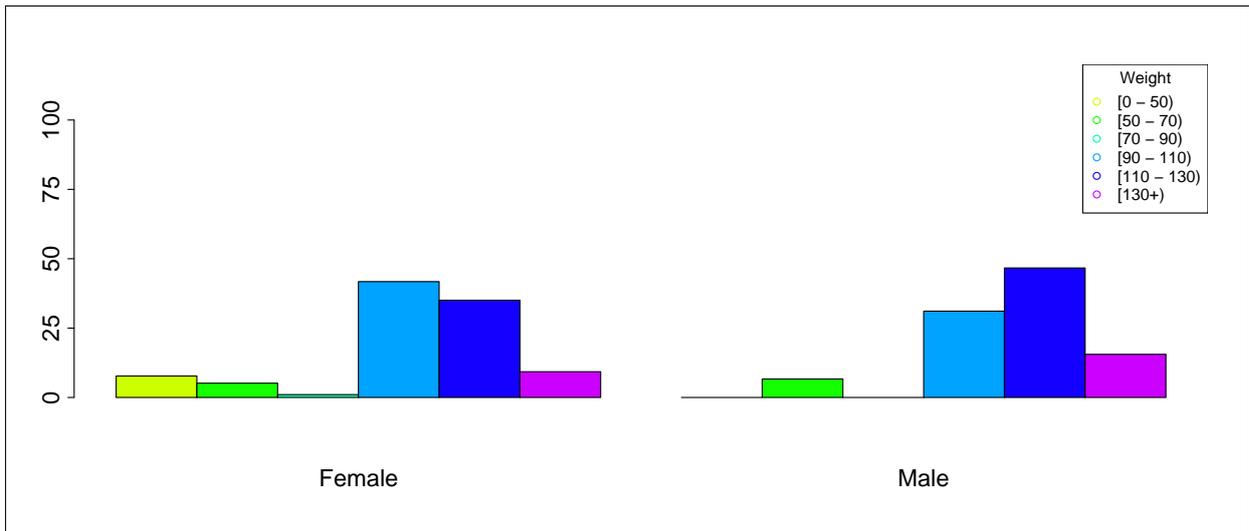


Barplot: 2.2.1.1.14 - Weight (by Age, Type of Diabetes = Type 2)

2.2.1.1. Weight (last episode in 12 months)  
Type of Diabetes = Other Type

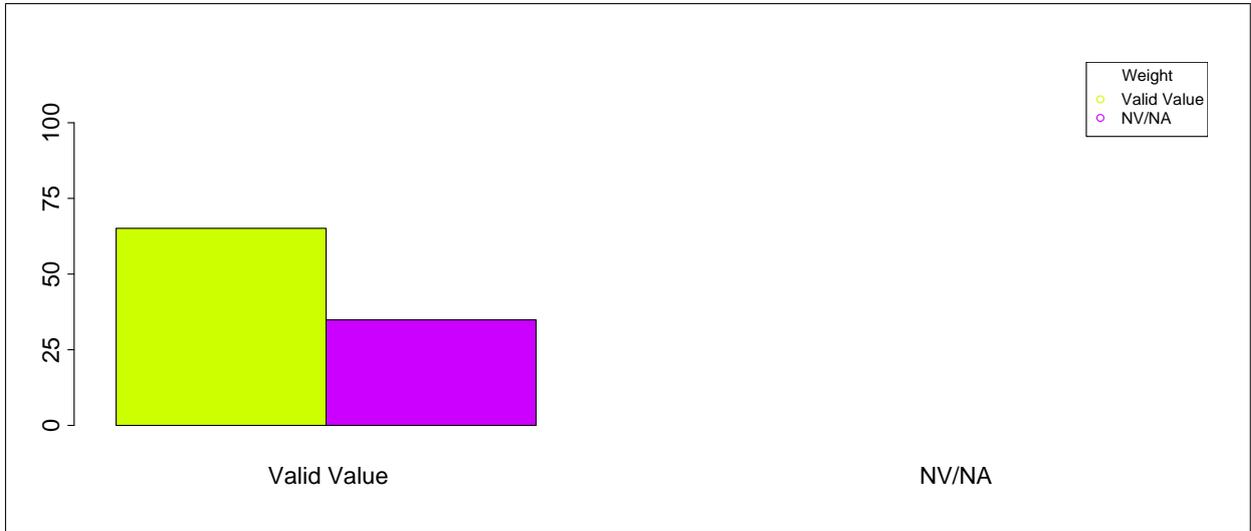


Barplot: 2.2.1.1.15 - Missing Data Weight (by Gender, Type of Diabetes = Other Type)

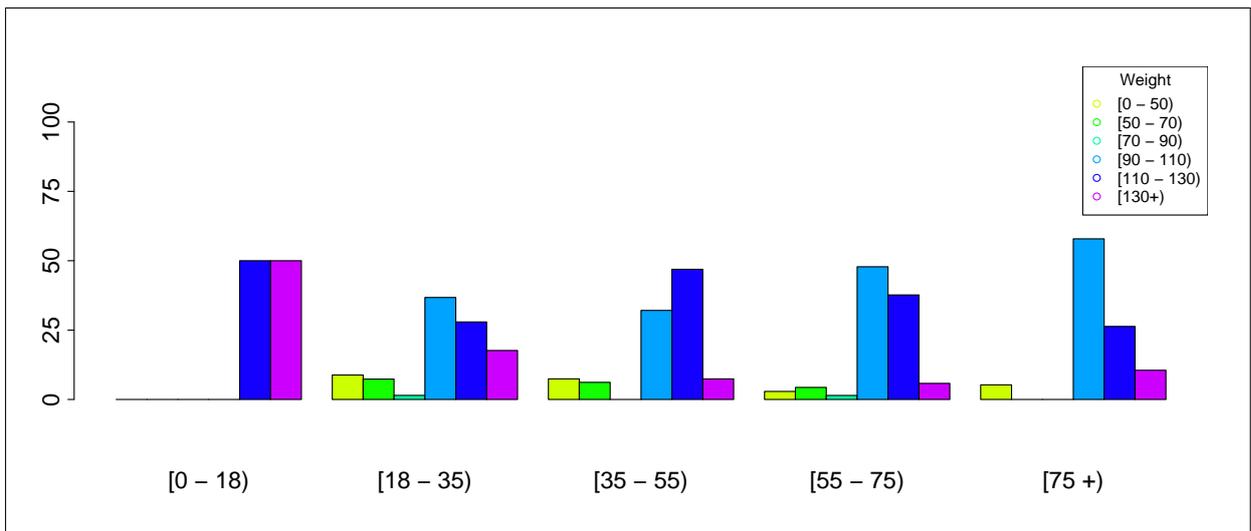


Barplot: 2.2.1.1.16 - Weight (by Gender, Type of Diabetes = Other Type)

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Other Type**

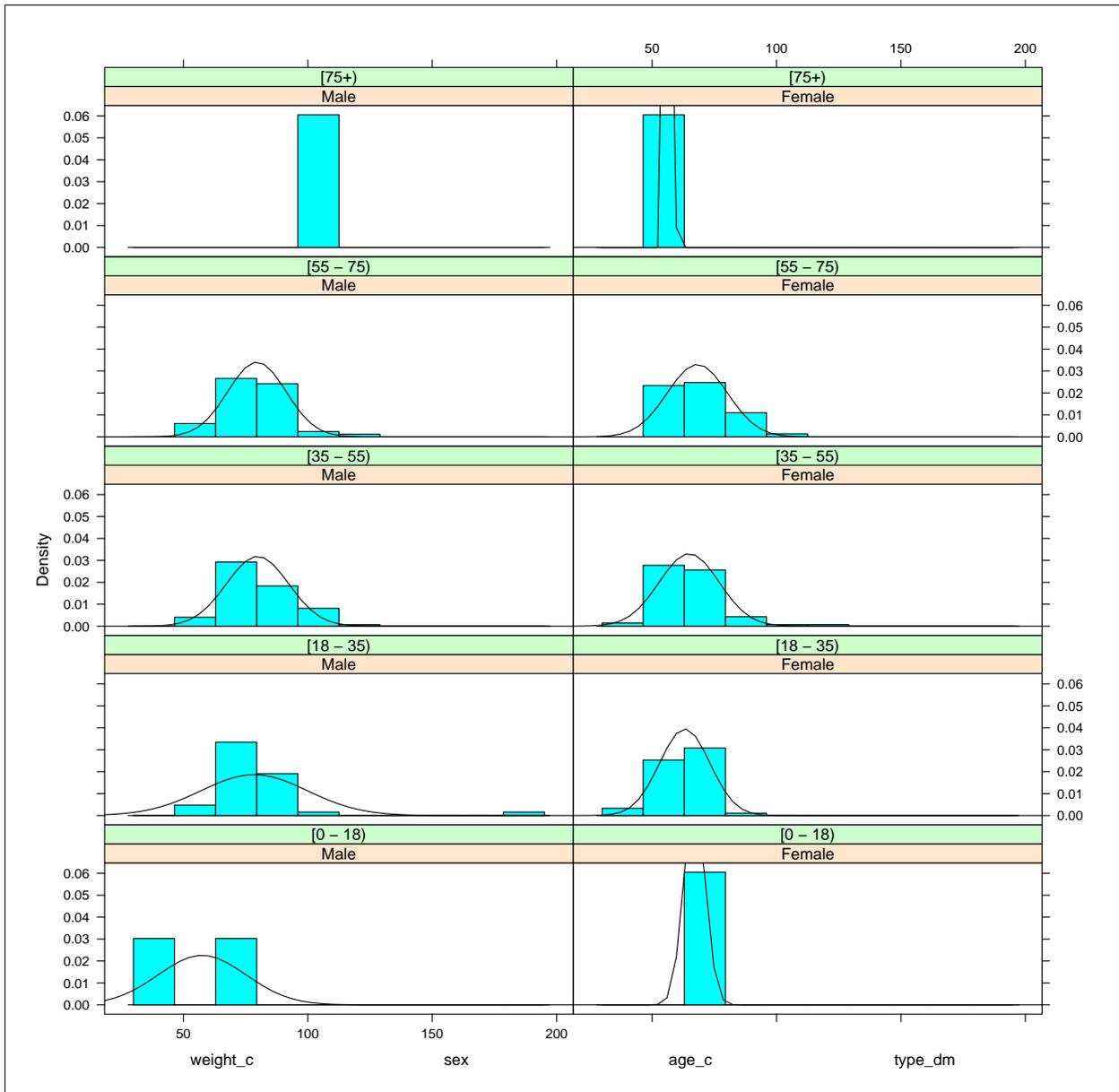


Barplot: 2.2.1.1.17 - Missing Data Weight (by Age, Type of Diabetes = Other Type)



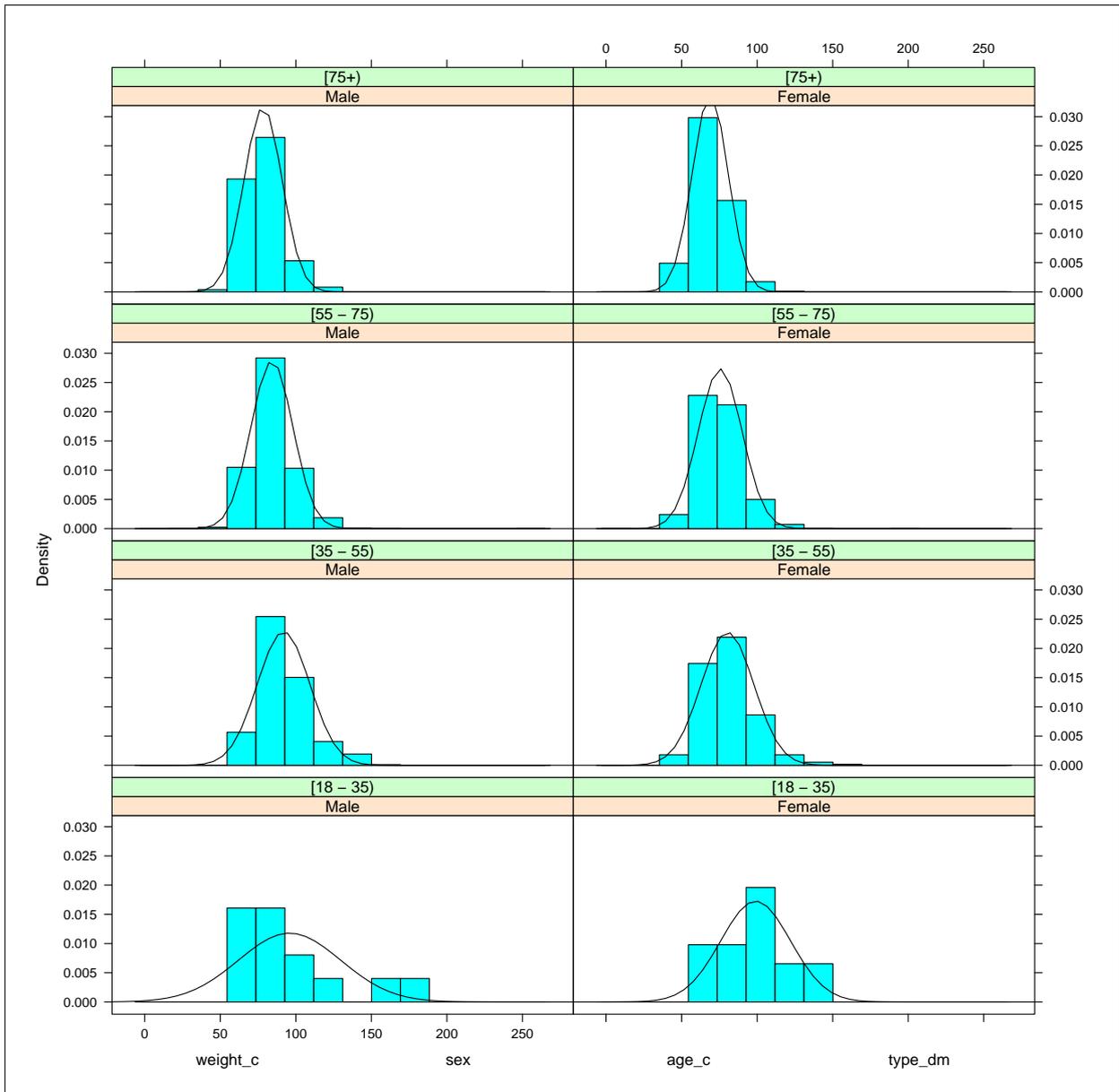
Barplot: 2.2.1.1.18 - Weight (by Age, Type of Diabetes = Other Type)

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Type 1**



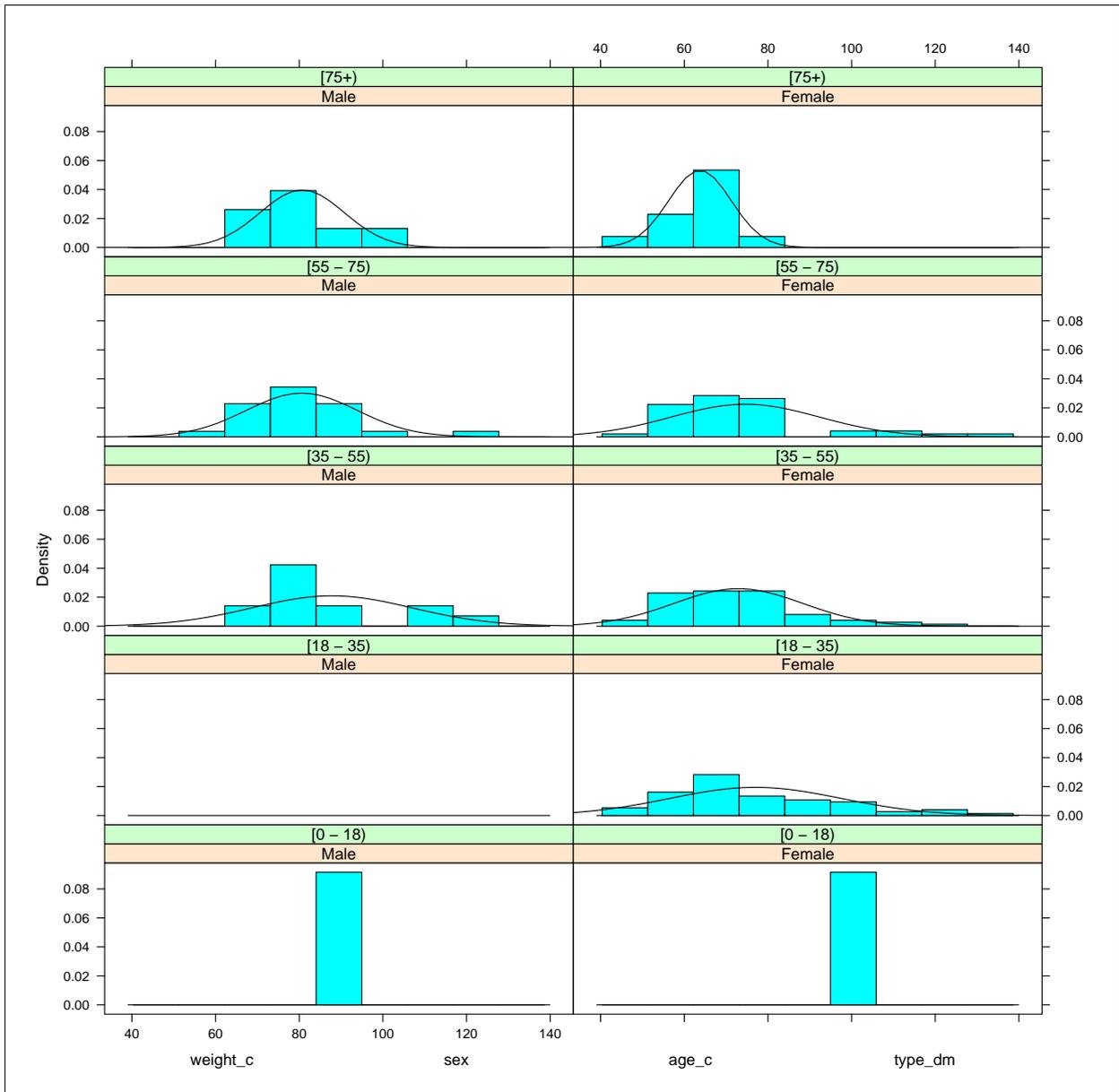
Trellis Barplot: 2.2.1.1.19 - \* Weight \* Gender (Type of Diabetes = Type 1)

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Type 2**



Trellis Barplot: 2.2.1.1.20 - \* Weight \* Gender (Type of Diabetes = Type 2)

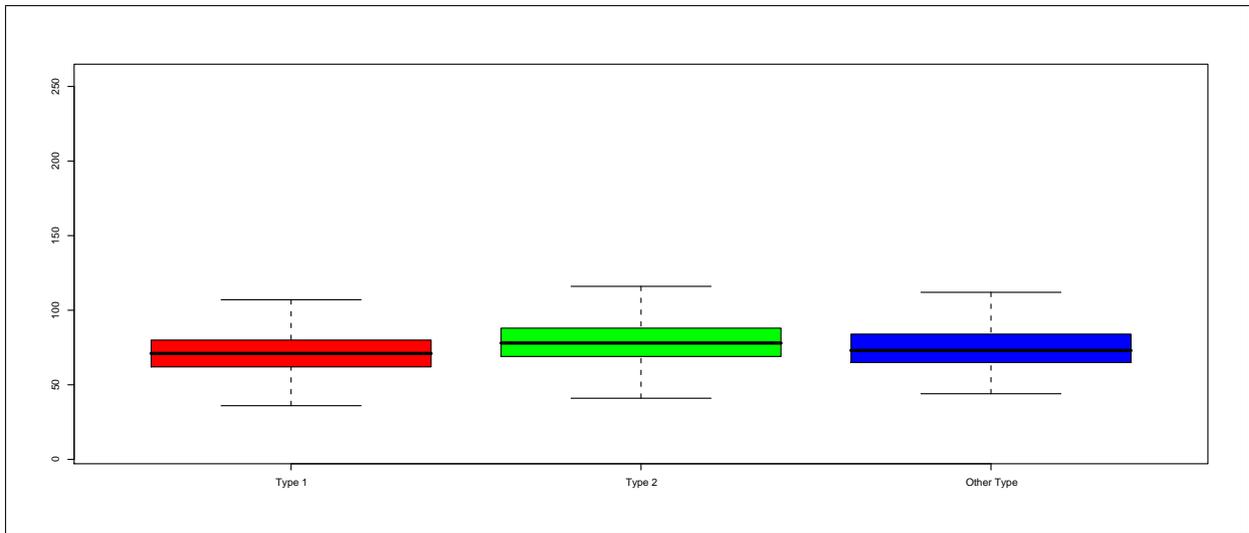
2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Other Type**



Trellis Barplot: 2.2.1.1.21 - \* Weight \* Gender (Type of Diabetes = Other Type)

2.2.1.1. Weight (last episode in 12 months)

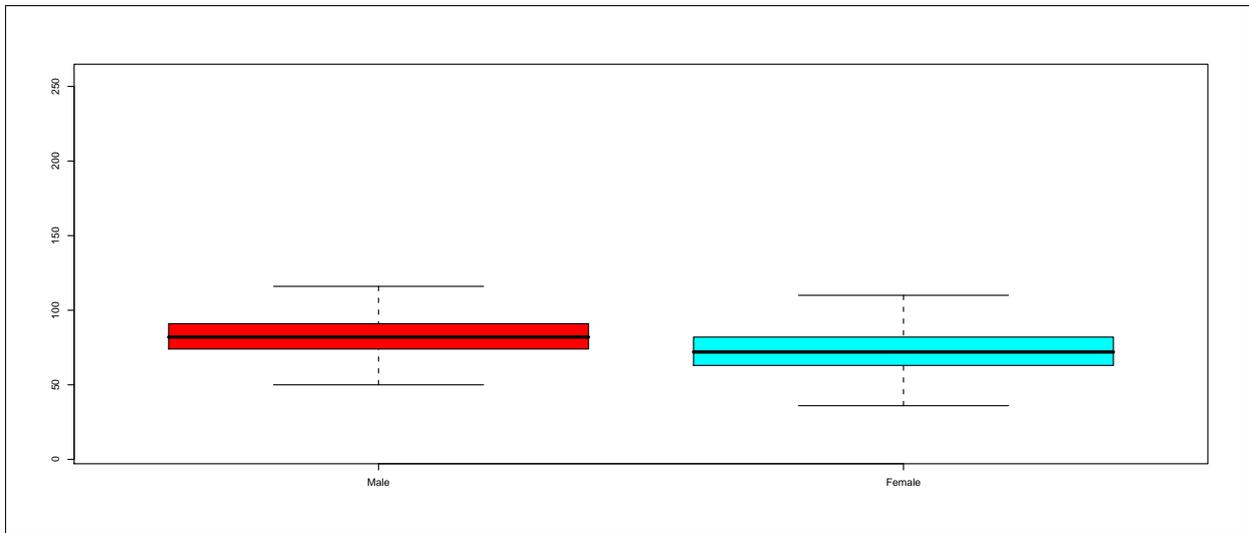
---



Boxplot: 2.2.1.1.1 - Weight (by Type of Diabetes)

2.2.1.1. Weight (last episode in 12 months)

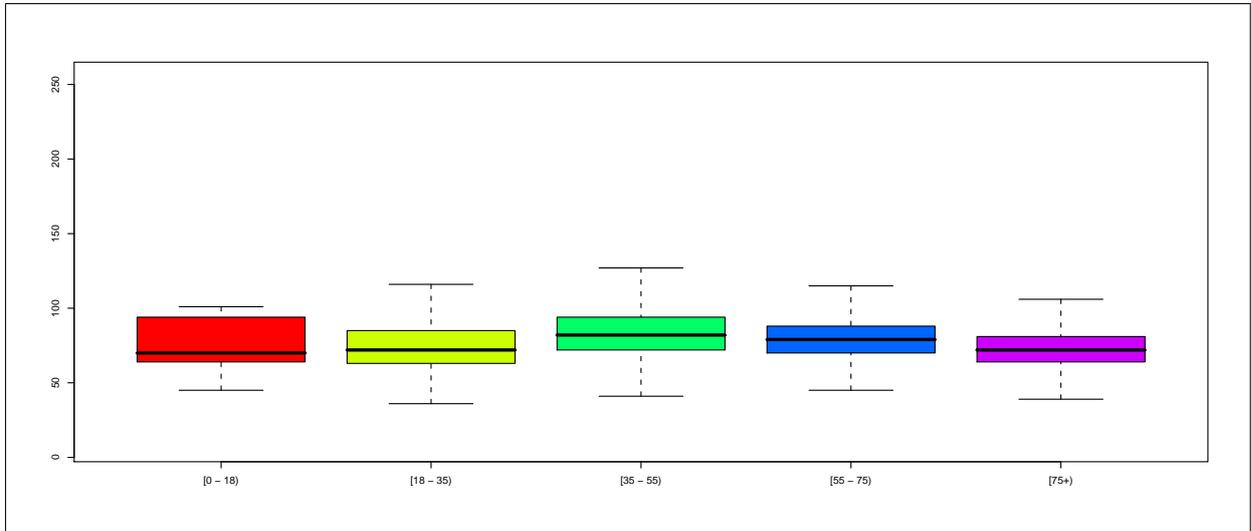
---



Boxplot: 2.2.1.1.2 - Weight (by Gender)

### 2.2.1.1. Weight (last episode in 12 months)

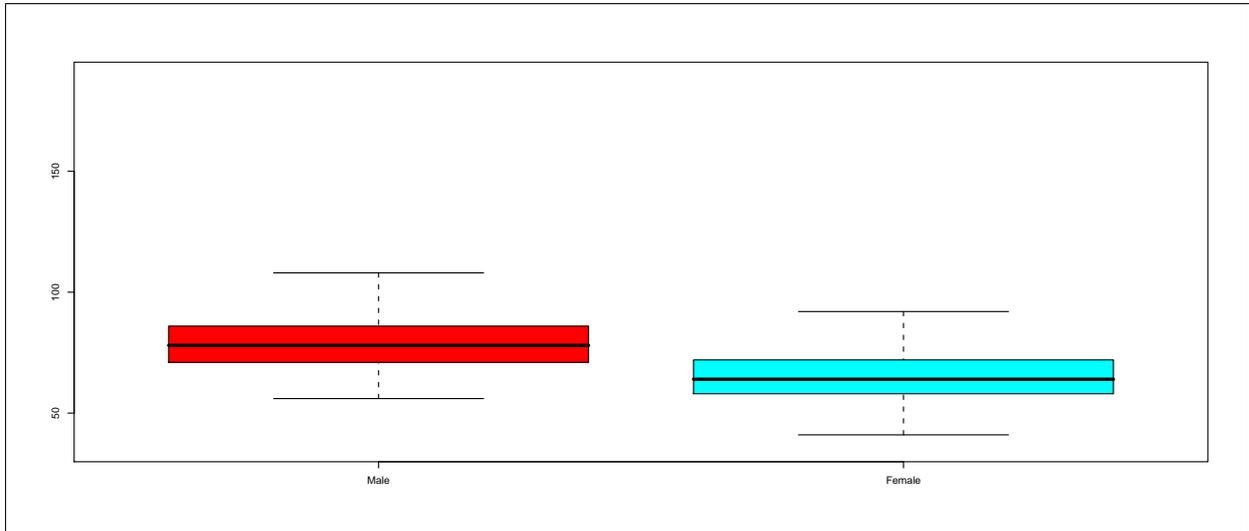
---



Boxplot: 2.2.1.1.3 - Weight (by Age)

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Type 1**

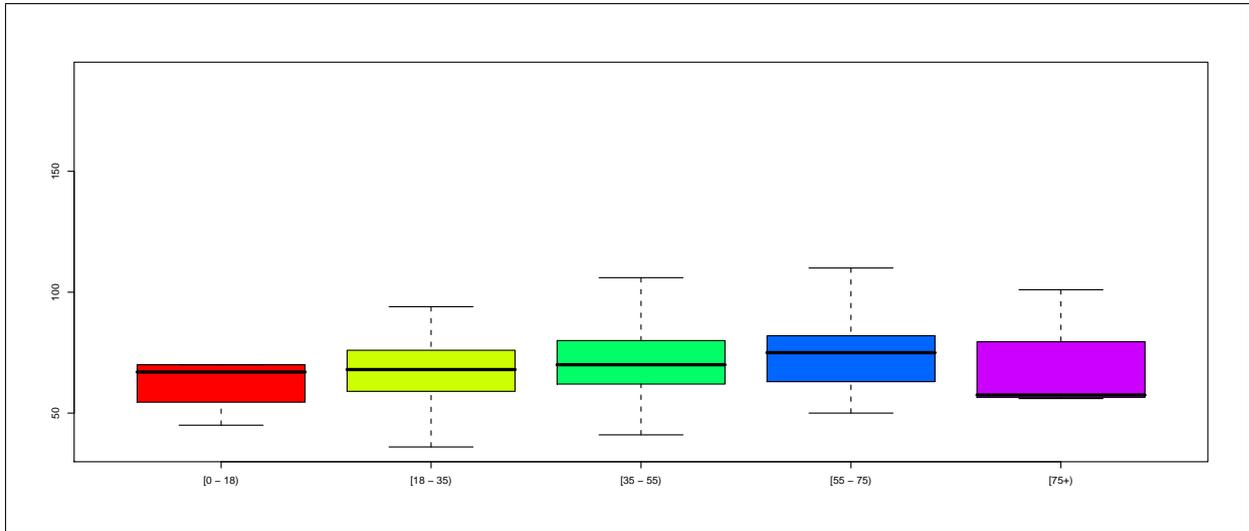
---



Boxplot: 2.2.1.1.4 - Weight (by Gender, Type of Diabetes = Type 1)

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Type 1**

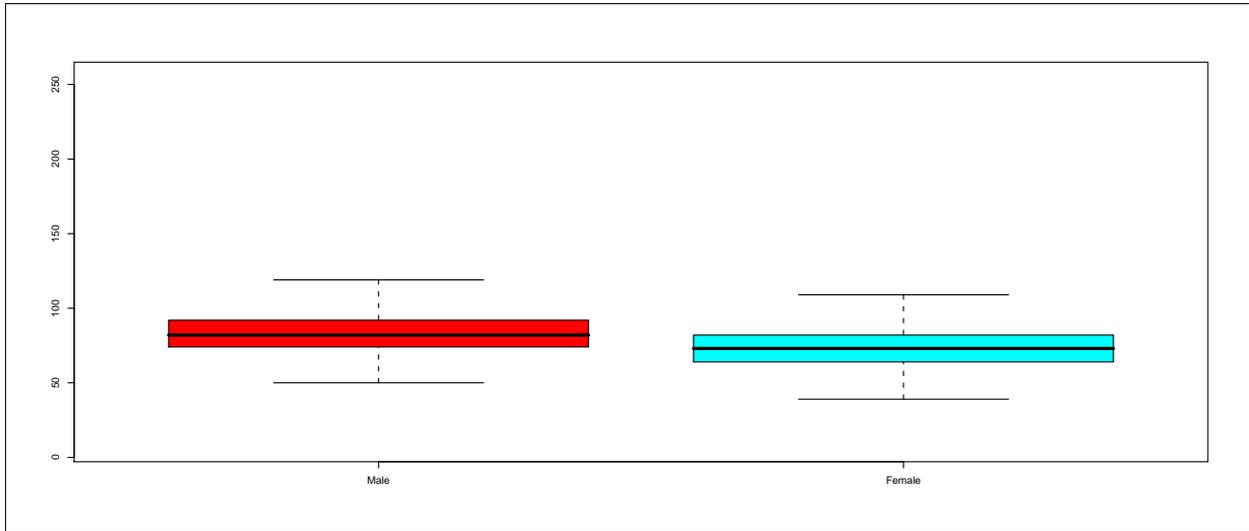
---



Boxplot: 2.2.1.1.5 - Weight (by Age, Type of Diabetes = Type 1)

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Type 2**

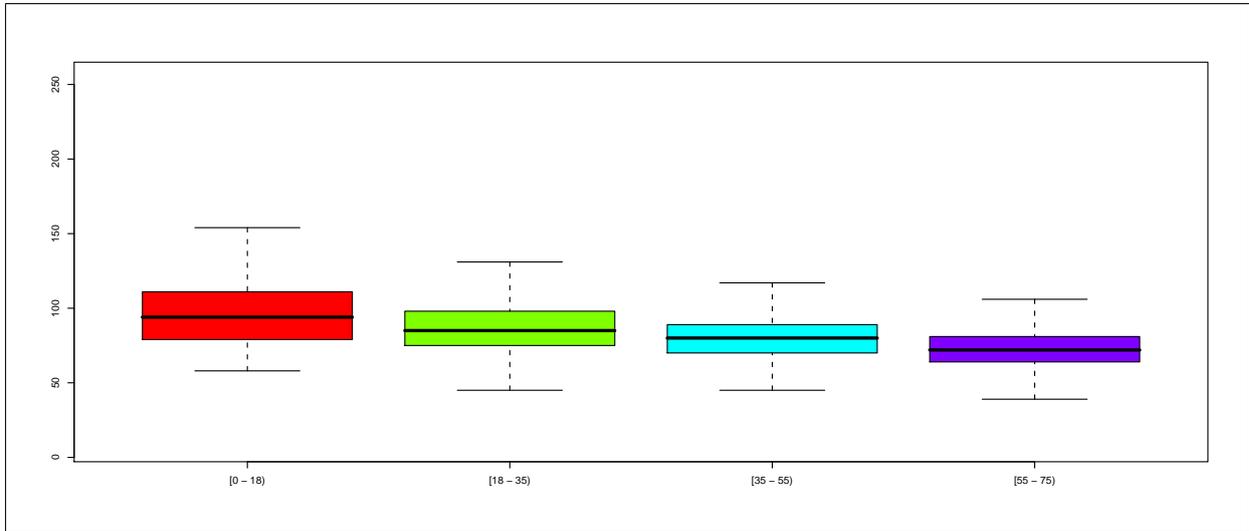
---



Boxplot: 2.2.1.1.6 - Weight (by Gender, Type of Diabetes = Type 2)

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Type 2**

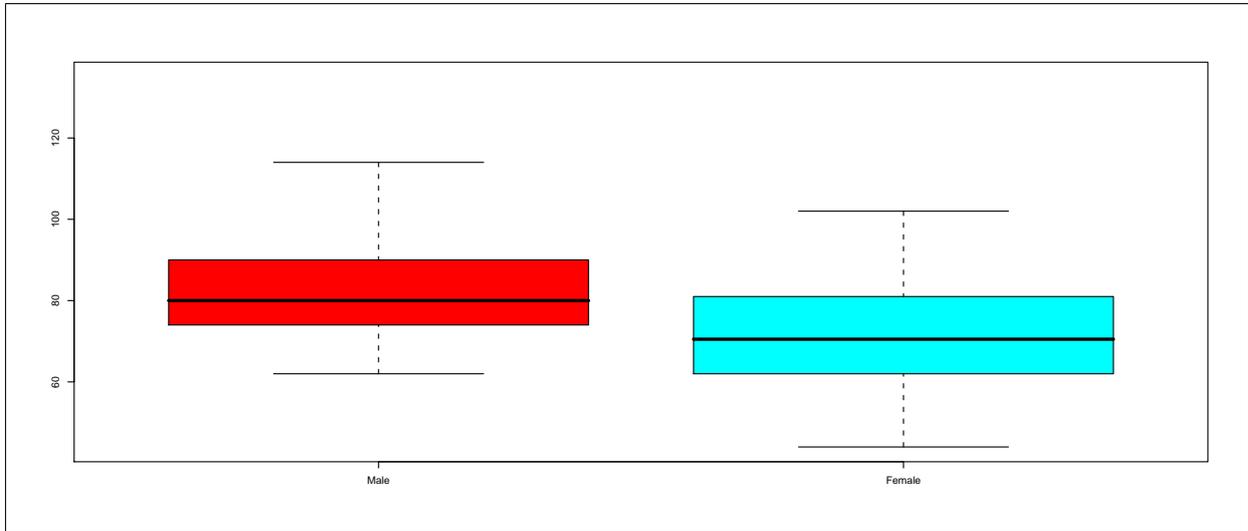
---



Boxplot: 2.2.1.1.7 - Weight (by Age, Type of Diabetes = Type 2)

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Other Type**

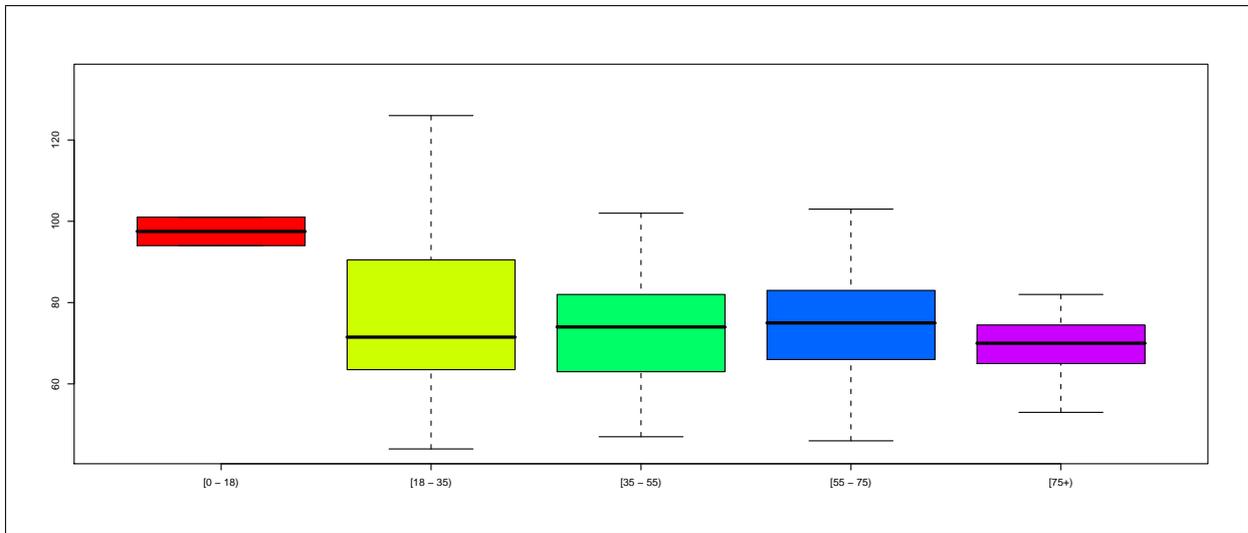
---



Boxplot: 2.2.1.1.8 - Weight (by Gender, Type of Diabetes = Other Type)

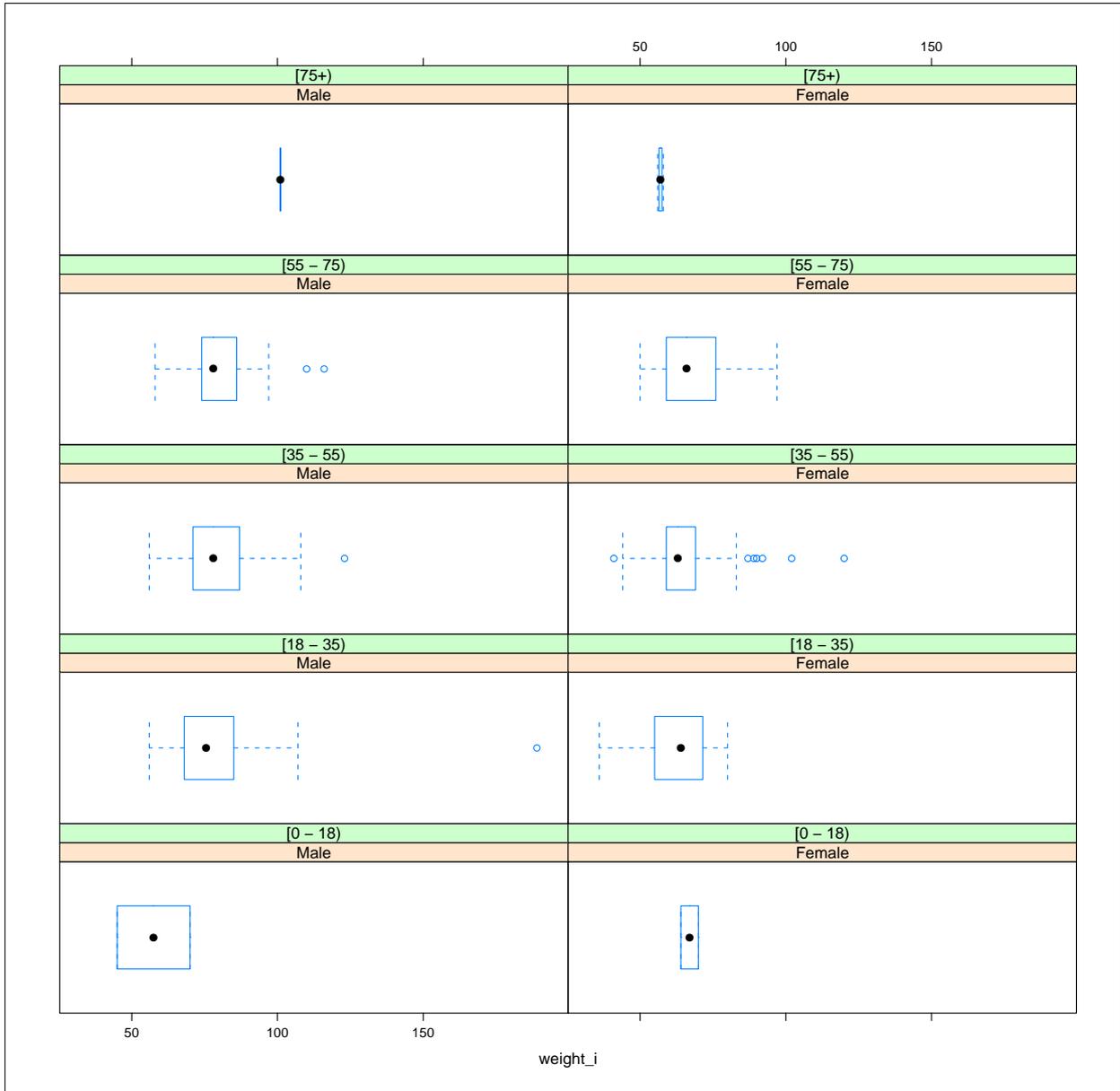
2.2.1.1. Weight (last episode in 12 months)  
Type of Diabetes = Other Type

---



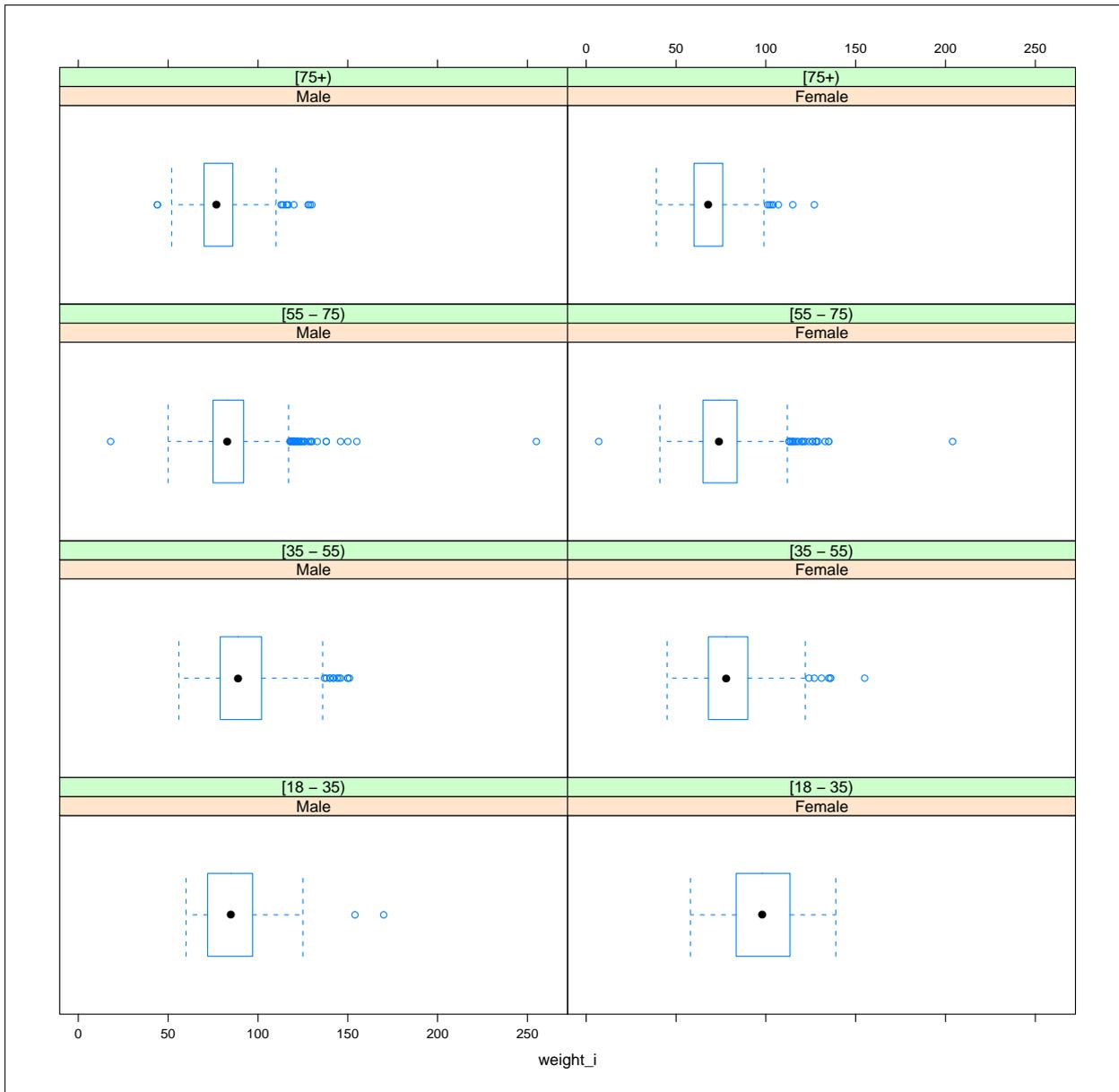
Boxplot: 2.2.1.1.9 - Weight (by Age, Type of Diabetes = Other Type)

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Type 1**



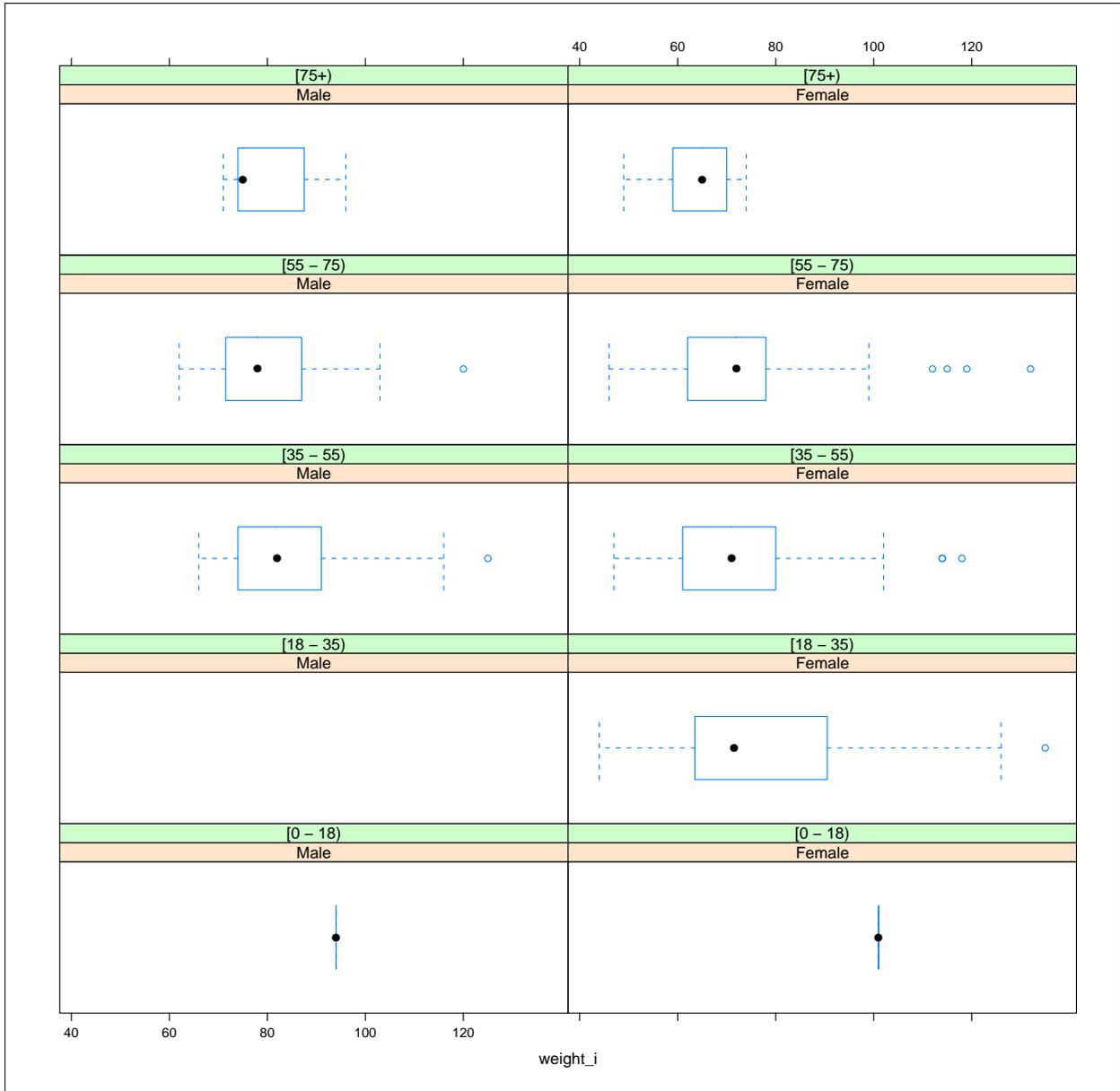
Trellis Boxplot: 2.2.1.1.10 - Weight \* Gender \* Age (Type of Diabetes = Type 1)

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Type 2**



Trellis Boxplot: 2.2.1.1.11 - Weight \* Gender \* Age (Type of Diabetes = Type 2)

2.2.1.1. Weight (last episode in 12 months)  
**Type of Diabetes = Other Type**



Trellis Boxplot: 2.2.1.1.12 - Weight \* Gender \* Age (Type of Diabetes = Other Type)

## 2.2.2 Lifestyle

### 2.2.3. Clinical measurements

### 2.2.3.1. Systolic BP (last episode in 12 months)

SBP	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6046 ( 62.1)	0( 0.0)		6046 ( 62.1)
NV/NA	3693 ( 37.9)	0( 0.0)		3693 ( 37.9)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.1.1: Missing Data SBP (by Type of Diabetes)

SBP	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
[0 - 130)	116 ( 46.6)	1231 ( 21.7)	39( 34.2)	1386 ( 22.9)
[130 - 160)	122 ( 49.0)	3551 ( 62.5)	61( 53.5)	3734 ( 61.8)
[160+)	11 ( 4.4)	901 ( 15.9)	14( 12.3)	926 ( 15.3)
TOTAL	249( 4.1)	5683( 94.0)	114( 1.9)	6046 (100.0)

Table 2.2.3.1.2: SBP (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	100.484	0	4

2.2.3.1. Systolic BP (last episode in 12 months)

SBP	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6046 ( 62.1)	0( 0.0)		6046 ( 62.1)
NV/NA	3693 ( 37.9)	0( 0.0)		3693 ( 37.9)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.1.3: Missing Data SBP (by Gender)

SBP	Gender			N ( % )
	Male ( % )	Female ( % )		
[0 - 130)	764 ( 23.5)	622( 22.2)		1386 ( 22.9)
[130 - 160)	2032 ( 62.6)	1702( 60.8)		3734 ( 61.8)
[160+)	450 ( 13.9)	476( 17.0)		926 ( 15.3)
TOTAL	3246( 53.7)	2800( 46.3)		6046 (100.0)

Table 2.2.3.1.4: SBP (by Gender)

	CMH Chi-Square	p.value	df
Value	11.6055	0.003	2

2.2.3.1. Systolic BP (last episode in 12 months)

SBP	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6046 ( 62.1)	0( 0.0)		6046 ( 62.1)
NV/NA	3693 ( 37.9)	0( 0.0)		3693 ( 37.9)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.1.5: Missing Data SBP (by Age)

SBP	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 130)	1 (100.0)	66 ( 76.7)	294 ( 37.9)	789 ( 20.7)	236( 17.1)	1386 ( 22.9)
[130 - 160)	0 ( 0.0)	20 ( 23.3)	424 ( 54.7)	2430 ( 63.9)	860( 62.3)	3734 ( 61.8)
[160+)	0 ( 0.0)	0 ( 0.0)	57 ( 7.4)	585 ( 15.4)	284( 20.6)	926 ( 15.3)
TOTAL	1( 0.0)	86( 1.4)	775( 12.8)	3804( 62.9)	1380( 22.8)	6046 (100.0)

Table 2.2.3.1.6: SBP (by Age)

---

 CMH Chi-Square  
 Value    One or more cells have 0 obs

2.2.3.1. Systolic BP (last episode in 12 months)  
**Type of Diabetes = Type 1**

SBP	Gender		
	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	249 ( 37.4)	0( 0.0)	249 ( 37.4)
NV/NA	416 ( 62.6)	0( 0.0)	416 ( 62.6)
TOTAL	665(100.0)	0( 0.0)	665 (100.0)

Table 2.2.3.1.7: Missing Data SBP (by Gender, Type of Diabetes = Type 1)

SBP	Gender		
	Male ( % )	Female ( % )	N ( % )
[0 - 130)	58 ( 42.6)	58( 51.3)	116 ( 46.6)
[130 - 160)	71 ( 52.2)	51( 45.1)	122 ( 49.0)
[160+)	7 ( 5.1)	4( 3.5)	11 ( 4.4)
TOTAL	136( 54.6)	113( 45.4)	249 (100.0)

Table 2.2.3.1.8: SBP (by Gender, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	1.9893	0.3698	2

2.2.3.1. Systolic BP (last episode in 12 months)

**Type of Diabetes = Type 1**

SBP	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	249 ( 37.4)	0( 0.0)		249 ( 37.4)
NV/NA	416 ( 62.6)	0( 0.0)		416 ( 62.6)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 2.2.3.1.9: Missing Data SBP (by Age, Type of Diabetes = Type 1)

SBP	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 130)	1 (100.0)	44 ( 83.0)	60 ( 50.0)	11 ( 15.5)	0( 0.0)	116 ( 46.6)
[130 - 160)	0 ( 0.0)	9 ( 17.0)	58 ( 48.3)	51 ( 71.8)	4(100.0)	122 ( 49.0)
[160+)	0 ( 0.0)	0 ( 0.0)	2 ( 1.7)	9 ( 12.7)	0( 0.0)	11 ( 4.4)
TOTAL	1( 0.4)	53( 21.3)	120( 48.2)	71( 28.5)	4( 1.6)	249 (100.0)

Table 2.2.3.1.10: SBP (by Age, Type of Diabetes = Type 1)

CMH Chi-Square	
Value	One or more cells have 0 obs

2.2.3.1. Systolic BP (last episode in 12 months)

**Type of Diabetes = Type 1**

SBP	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	416( 62.6)	416 ( 62.6)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	249( 37.4)	249 ( 37.4)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	665(100.0)	665 (100.0)

Table 2.2.3.1.11: Missing Data SBP (by Gender \* Age, Type of Diabetes = Type 1)

SBP	Gender * Age										N ( % )
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 130)	1 (100.0)	0 ( 0.0)	21 ( 87.5)	23 ( 79.3)	29 ( 55.8)	31 ( 45.6)	7 ( 21.2)	4 ( 10.5)	0 ( 0.0)	0( 0.0)	116 ( 46.6)
[130 - 160)	0 ( 0.0)	0 ( 0.0)	3 ( 12.5)	6 ( 20.7)	23 ( 44.2)	35 ( 51.5)	22 ( 66.7)	29 ( 76.3)	3 (100.0)	1(100.0)	122 ( 49.0)
[160+)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	2 ( 2.9)	4 ( 12.1)	5 ( 13.2)	0 ( 0.0)	0( 0.0)	11 ( 4.4)
TOTAL	1( 0.4)	0( 0.0)	24( 9.6)	29( 11.6)	52( 20.9)	68( 27.3)	33( 13.3)	38( 15.3)	3( 1.2)	1( 0.4)	249 (100.0)

Table 2.2.3.1.12: SBP (by Gender \* Age, Type of Diabetes = Type 1)

CMH Chi-Square  
 Value    One or more cells have 0 obs

## 2.2.3.1. Systolic BP (last episode in 12 months)

**Type of Diabetes = Type 2**

SBP	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	5683 ( 65.3)	0( 0.0)		5683 ( 65.3)
NV/NA	3024 ( 34.7)	0( 0.0)		3024 ( 34.7)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 2.2.3.1.13: Missing Data SBP (by Gender, Type of Diabetes = Type 2)

SBP	Gender			N ( % )
	Male ( % )	Female ( % )		
[0 - 130)	699 ( 22.8)	532( 20.4)		1231 ( 21.7)
[130 - 160)	1936 ( 63.0)	1615( 61.8)		3551 ( 62.5)
[160+)	436 ( 14.2)	465( 17.8)		901 ( 15.9)
TOTAL	3071( 54.0)	2612( 46.0)		5683 (100.0)

Table 2.2.3.1.14: SBP (by Gender, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	15.6363	4e - 04	2

## 2.2.3.1. Systolic BP (last episode in 12 months)

**Type of Diabetes = Type 2**

SBP	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	5683 ( 65.3)	0( 0.0)		5683 ( 65.3)
NV/NA	3024 ( 34.7)	0( 0.0)		3024 ( 34.7)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 2.2.3.1.15: Missing Data SBP (by Age, Type of Diabetes = Type 2)

SBP	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 130)	0 ( 0.0)	11 ( 57.9)	219 ( 34.8)	766 ( 20.8)	235( 17.3)	1231 ( 21.7)
[130 - 160)	0 ( 0.0)	8 ( 42.1)	356 ( 56.5)	2341 ( 63.7)	846( 62.3)	3551 ( 62.5)
[160+)	0 ( 0.0)	0 ( 0.0)	55 ( 8.7)	568 ( 15.5)	278( 20.5)	901 ( 15.9)
TOTAL	0( 0.0)	19( 0.3)	630( 11.1)	3675( 64.7)	1359( 23.9)	5683 (100.0)

Table 2.2.3.1.16: SBP (by Age, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

2.2.3.1. Systolic BP (last episode in 12 months)

**Type of Diabetes = Type 2**

SBP	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	3024( 34.7)	3024 ( 34.7)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	5683( 65.3)	5683 ( 65.3)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	8707(100.0)	8707 (100.0)

Table 2.2.3.1.17: Missing Data SBP (by Gender \* Age, Type of Diabetes = Type 2)

SBP	Gender * Age										N ( % )
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 130)	0 ( 0.0)	0 ( 0.0)	5 ( 55.6)	6 ( 60.0)	85 ( 35.6)	134 ( 34.3)	330 ( 20.3)	436 ( 21.3)	112 ( 15.2)	123( 19.7)	1231 ( 21.7)
[130 - 160)	0 ( 0.0)	0 ( 0.0)	4 ( 44.4)	4 ( 40.0)	127 ( 53.1)	229 ( 58.6)	1029 ( 63.2)	1312 ( 64.1)	455 ( 61.9)	391( 62.7)	3551 ( 62.5)
[160+)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	27 ( 11.3)	28 ( 7.2)	270 ( 16.6)	298 ( 14.6)	168 ( 22.9)	110( 17.6)	901 ( 15.9)
TOTAL	0( 0.0)	0( 0.0)	9( 0.2)	10( 0.2)	239( 4.2)	391( 6.9)	1629( 28.7)	2046( 36.0)	735( 12.9)	624( 11.0)	5683 (100.0)

Table 2.2.3.1.18: SBP (by Gender \* Age, Type of Diabetes = Type 2)

---



---

**CMH Chi-Square**


---



---

 Value    One or more cells have 0 obs

## 2.2.3.1. Systolic BP (last episode in 12 months)

**Type of Diabetes = Other Type**

SBP	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	114 ( 31.1)	0( 0.0)		114 ( 31.1)
NV/NA	253 ( 68.9)	0( 0.0)		253 ( 68.9)
TOTAL	367(100.0)	0( 0.0)		367 (100.0)

Table 2.2.3.1.19: Missing Data SBP (by Gender, Type of Diabetes = Other Type)

SBP	Gender			N ( % )
	Male ( % )	Female ( % )		
[0 - 130)	7 ( 17.9)	32( 42.7)		39 ( 34.2)
[130 - 160)	25 ( 64.1)	36( 48.0)		61 ( 53.5)
[160+)	7 ( 17.9)	7( 9.3)		14 ( 12.3)
TOTAL	39( 34.2)	75( 65.8)		114 (100.0)

Table 2.2.3.1.20: SBP (by Gender, Type of Diabetes = Other Type)

	CMH Chi-Square	p.value	df
Value	7.3764	0.025	2

2.2.3.1. Systolic BP (last episode in 12 months)  
**Type of Diabetes = Other Type**

SBP	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	114 ( 31.1)	0( 0.0)		114 ( 31.1)
NV/NA	253 ( 68.9)	0( 0.0)		253 ( 68.9)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>		<b>367 (100.0)</b>

Table 2.2.3.1.21: Missing Data SBP (by Age, Type of Diabetes = Other Type)

SBP	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 130)	0 ( 0.0)	11 ( 78.6)	15 ( 60.0)	12 ( 20.7)	1 ( 5.9)	39 ( 34.2)
[130 - 160)	0 ( 0.0)	3 ( 21.4)	10 ( 40.0)	38 ( 65.5)	10( 58.8)	61 ( 53.5)
[160+)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	8 ( 13.8)	6( 35.3)	14 ( 12.3)
<b>TOTAL</b>	<b>0( 0.0)</b>	<b>14( 12.3)</b>	<b>25( 21.9)</b>	<b>58( 50.9)</b>	<b>17( 14.9)</b>	<b>114 (100.0)</b>

Table 2.2.3.1.22: SBP (by Age, Type of Diabetes = Other Type)

CMH Chi-Square	
Value	One or more cells have 0 obs

2.2.3.1. Systolic BP (last episode in 12 months)

**Type of Diabetes = Other Type**

SBP	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	253( 68.9)	253 ( 68.9)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	114( 31.1)	114 ( 31.1)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	367(100.0)	367 (100.0)

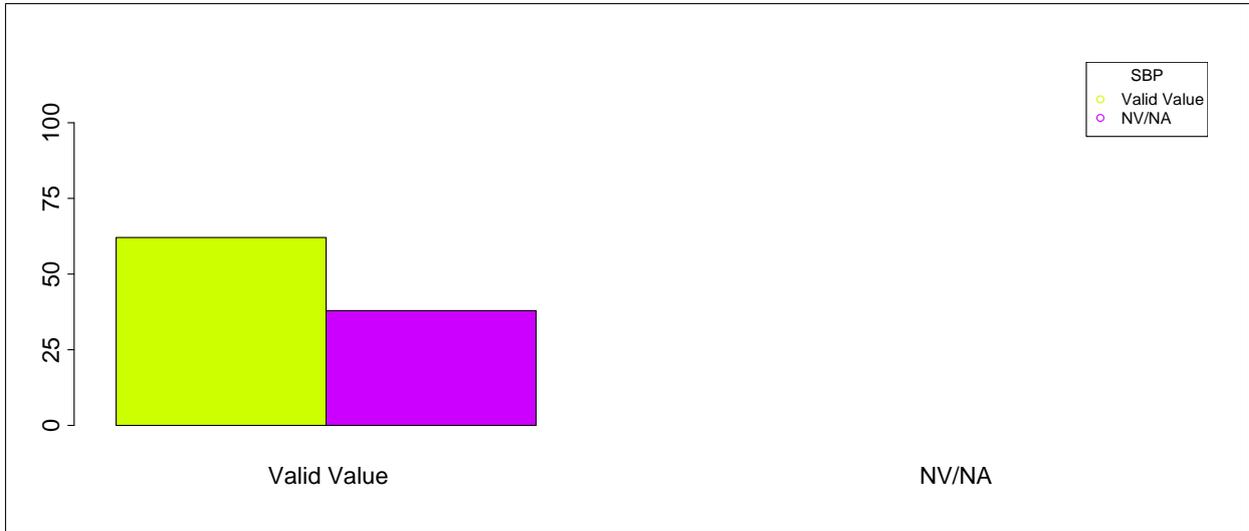
Table 2.2.3.1.23: Missing Data SBP (by Gender \* Age, Type of Diabetes = Other Type)

SBP	Gender * Age										
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 130)	0 ( 0.0)	0 ( 0.0)	11 ( 78.6)	0 ( 0.0)	10 ( 66.7)	5 ( 50.0)	11 ( 30.6)	1 ( 4.5)	0 ( 0.0)	1( 14.3)	39 ( 34.2)
[130 - 160)	0 ( 0.0)	0 ( 0.0)	3 ( 21.4)	0 ( 0.0)	5 ( 33.3)	5 ( 50.0)	21 ( 58.3)	17 ( 77.3)	7 ( 70.0)	3( 42.9)	61 ( 53.5)
[160+)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	4 ( 11.1)	4 ( 18.2)	3 ( 30.0)	3( 42.9)	14 ( 12.3)
TOTAL	0( 0.0)	0( 0.0)	14( 12.3)	0( 0.0)	15( 13.2)	10( 8.8)	36( 31.6)	22( 19.3)	10( 8.8)	7( 6.1)	114 (100.0)

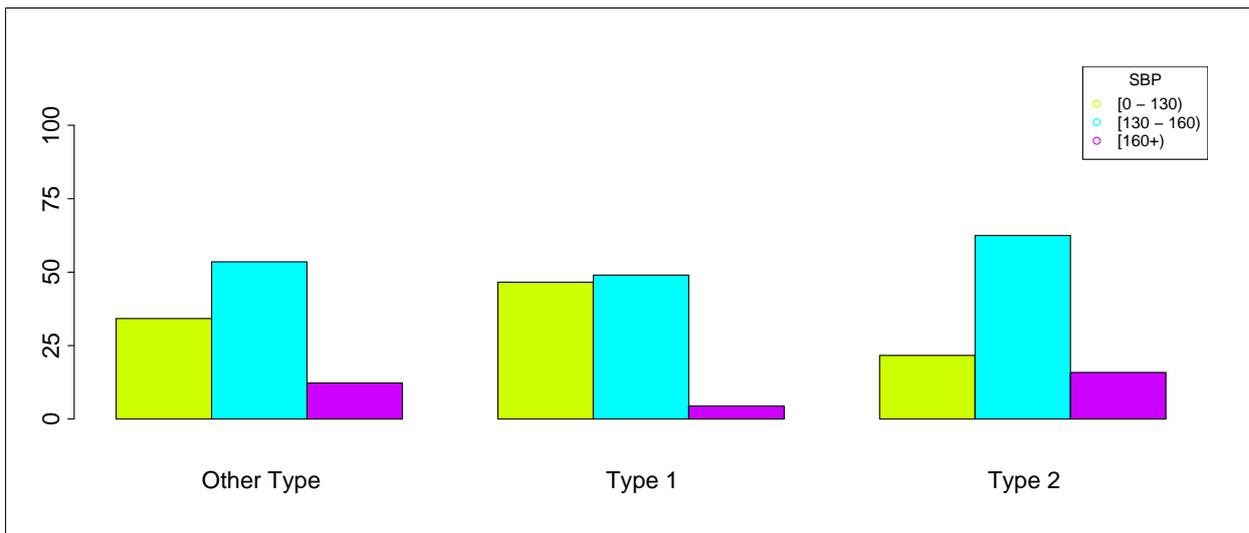
Table 2.2.3.1.24: SBP (by Gender \* Age, Type of Diabetes = Other Type)

=====  
 CMH Chi-Square  
 Value    One or more cells have 0 obs  
 =====

2.2.3.1. Systolic BP (last episode in 12 months)

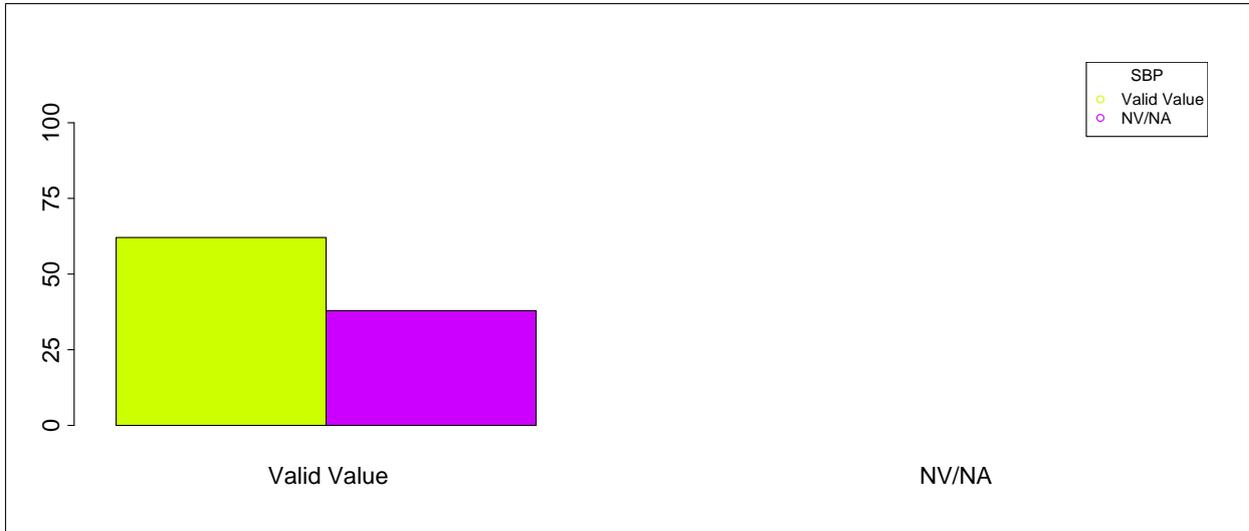


Barplot: 2.2.3.1.1 - Missing Data SBP (by Type of Diabetes)

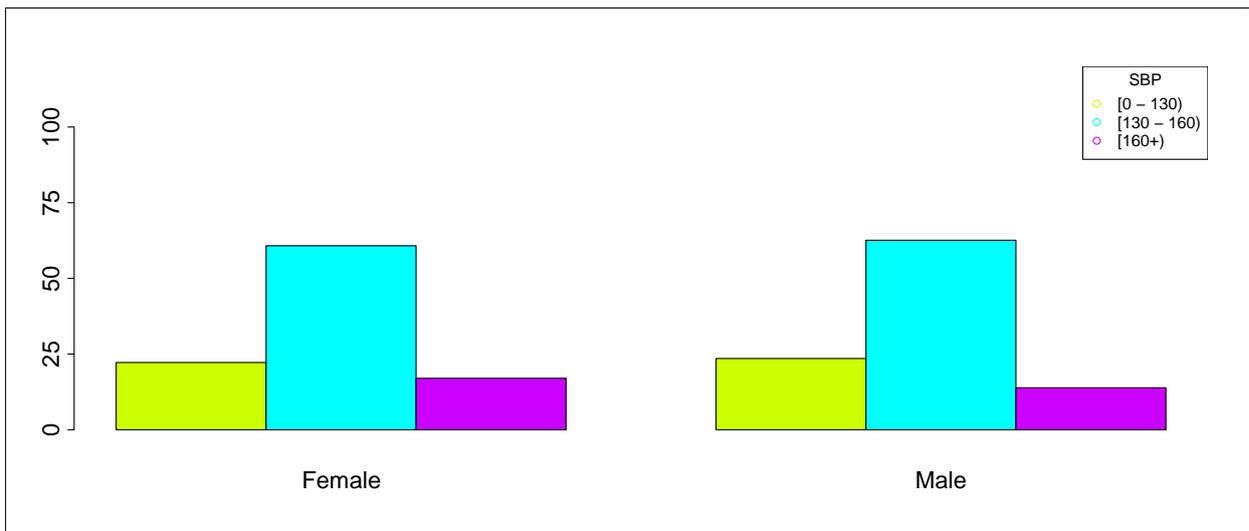


Barplot: 2.2.3.1.2 - SBP (by Type of Diabetes)

2.2.3.1. Systolic BP (last episode in 12 months)

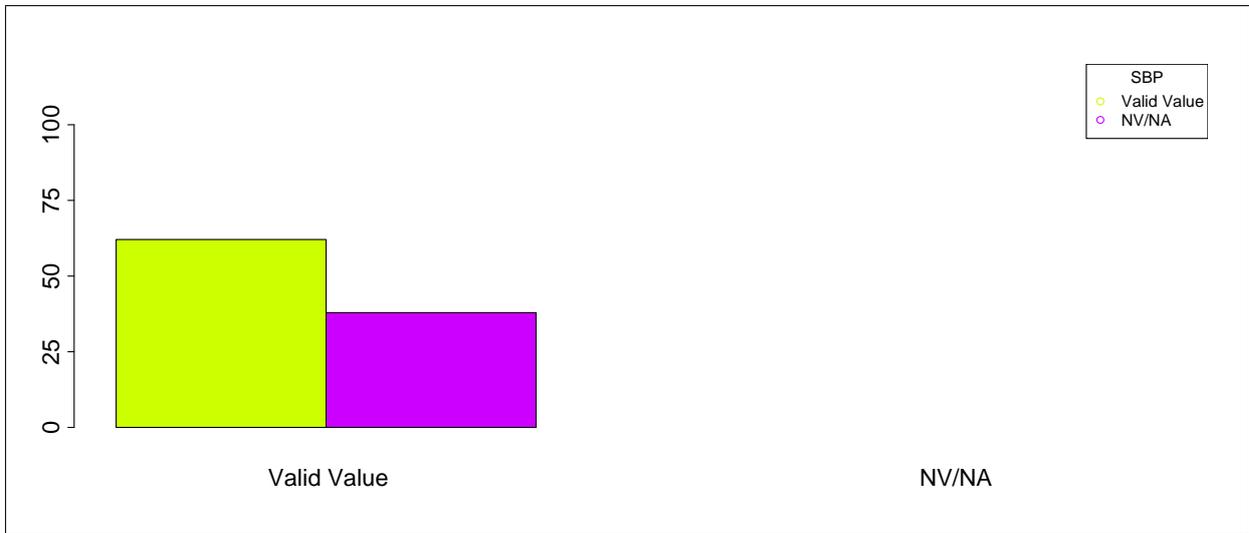


Barplot: 2.2.3.1.3 - Missing Data SBP (by Gender)

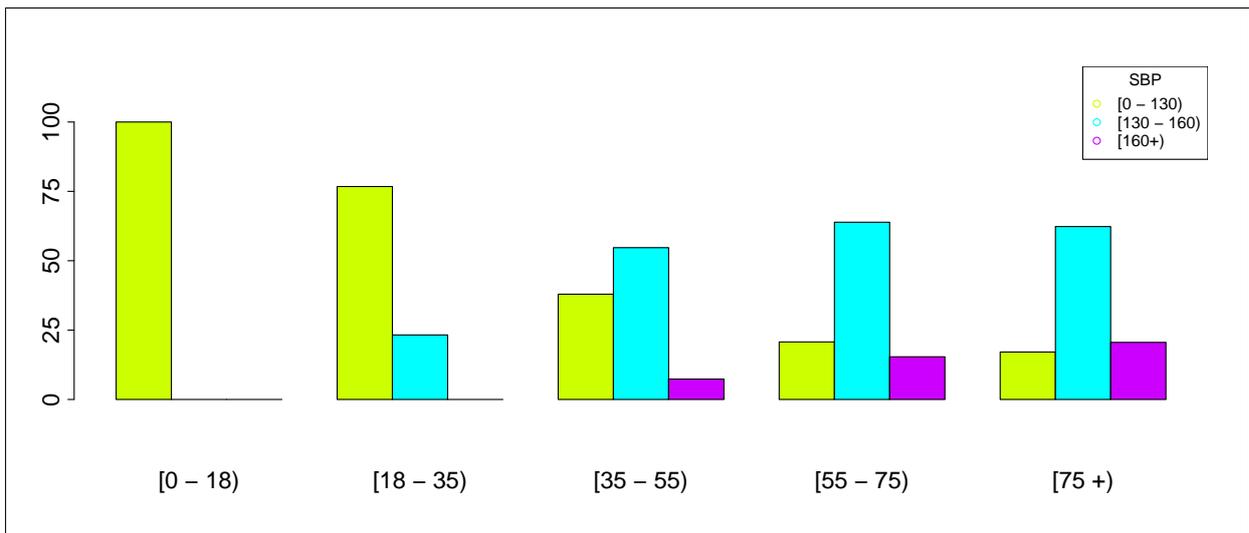


Barplot: 2.2.3.1.4 - SBP (by Gender)

2.2.3.1. Systolic BP (last episode in 12 months)



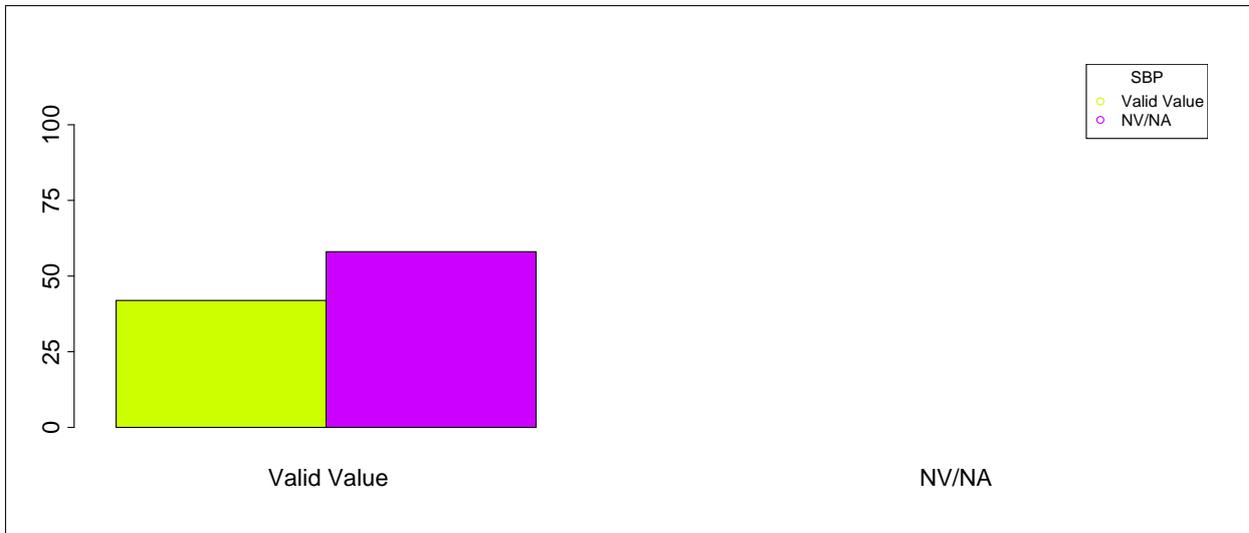
Barplot: 2.2.3.1.5 - Missing Data SBP (by Age)



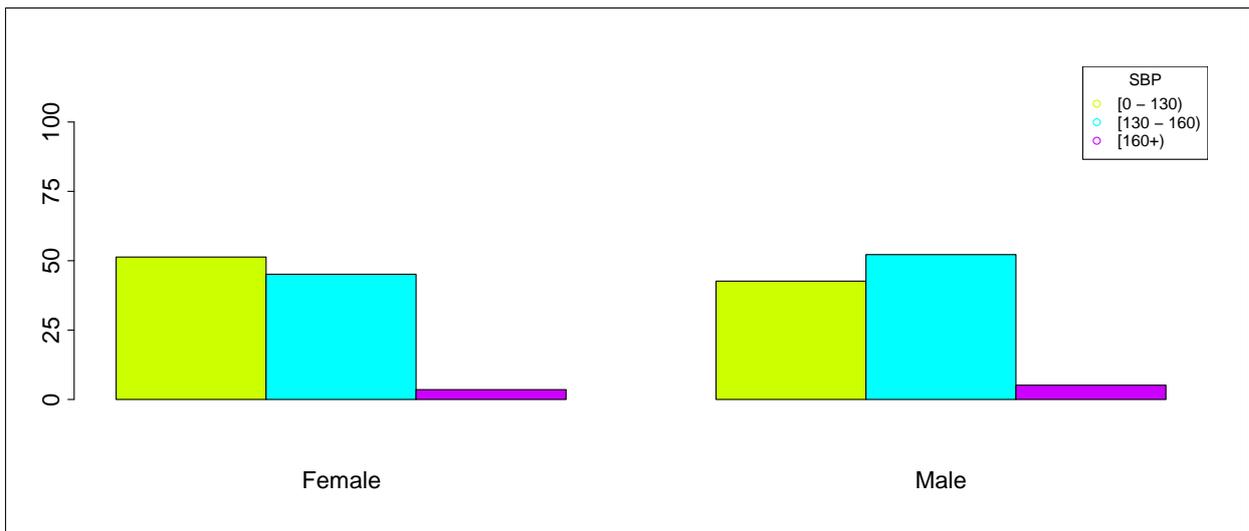
Barplot: 2.2.3.1.6 - SBP (by Age)

2.2.3.1. Systolic BP (last episode in 12 months)  
Type of Diabetes = Type 1

---

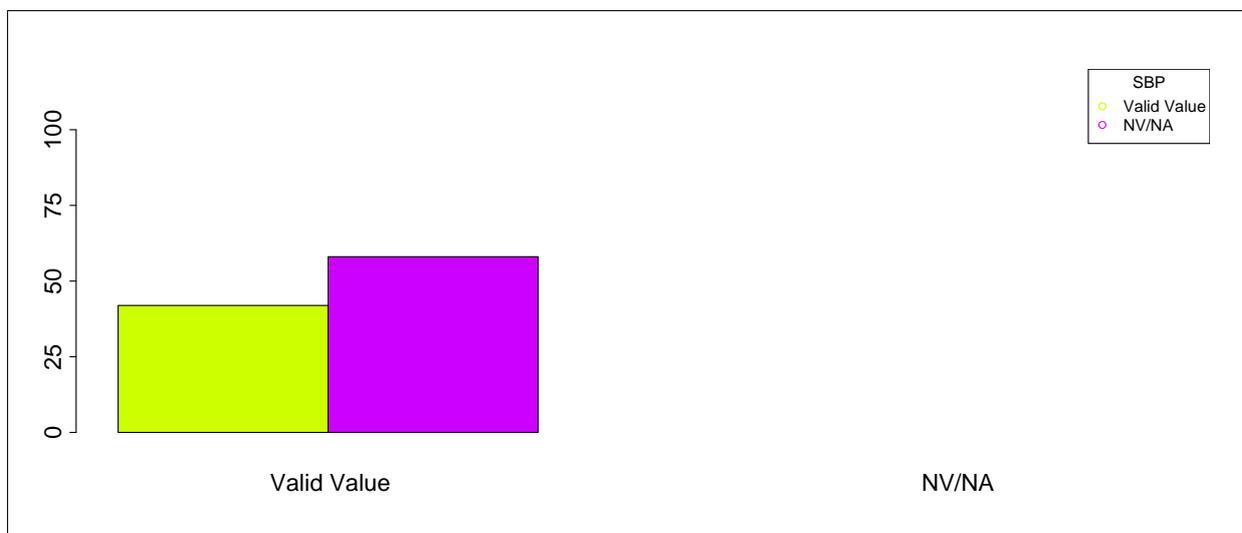


Barplot: 2.2.3.1.7 - Missing Data SBP (by Gender, Type of Diabetes = Type 1)

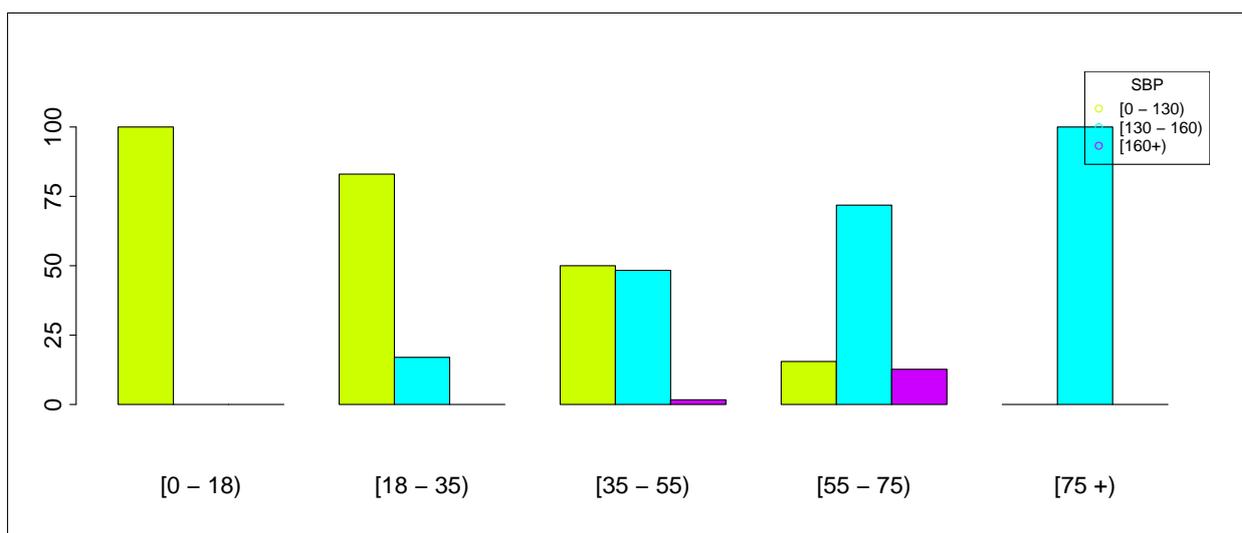


Barplot: 2.2.3.1.8 - SBP (by Gender, Type of Diabetes = Type 1)

2.2.3.1. Systolic BP (last episode in 12 months)  
Type of Diabetes = Type 1



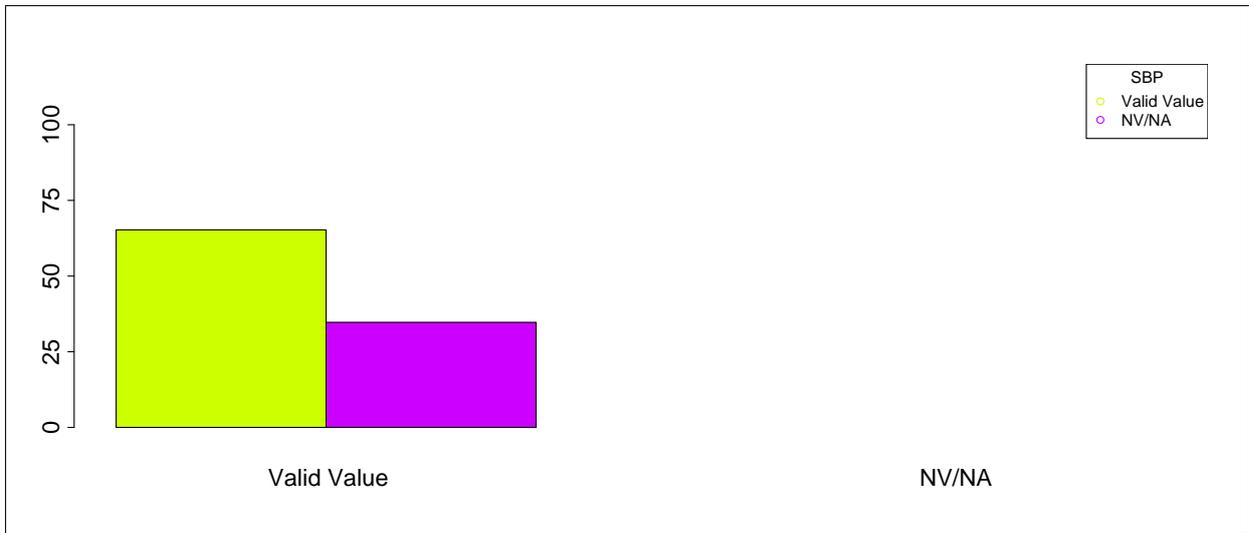
Barplot: 2.2.3.1.9 - Missing Data SBP (by Age, Type of Diabetes = Type 1)



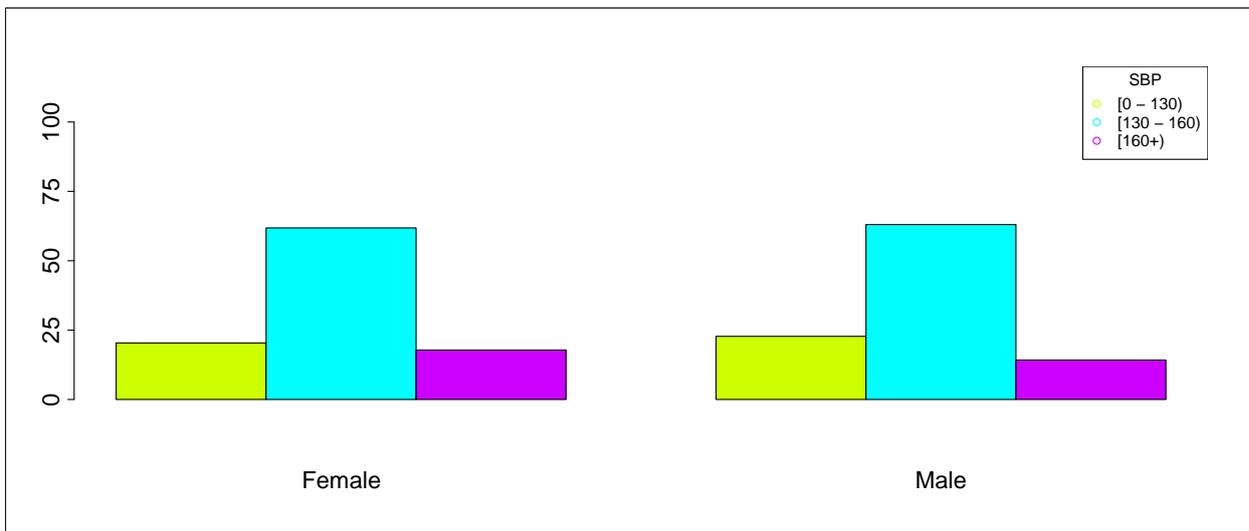
Barplot: 2.2.3.1.10 - SBP (by Age, Type of Diabetes = Type 1)

2.2.3.1. Systolic BP (last episode in 12 months)  
**Type of Diabetes = Type 2**

---



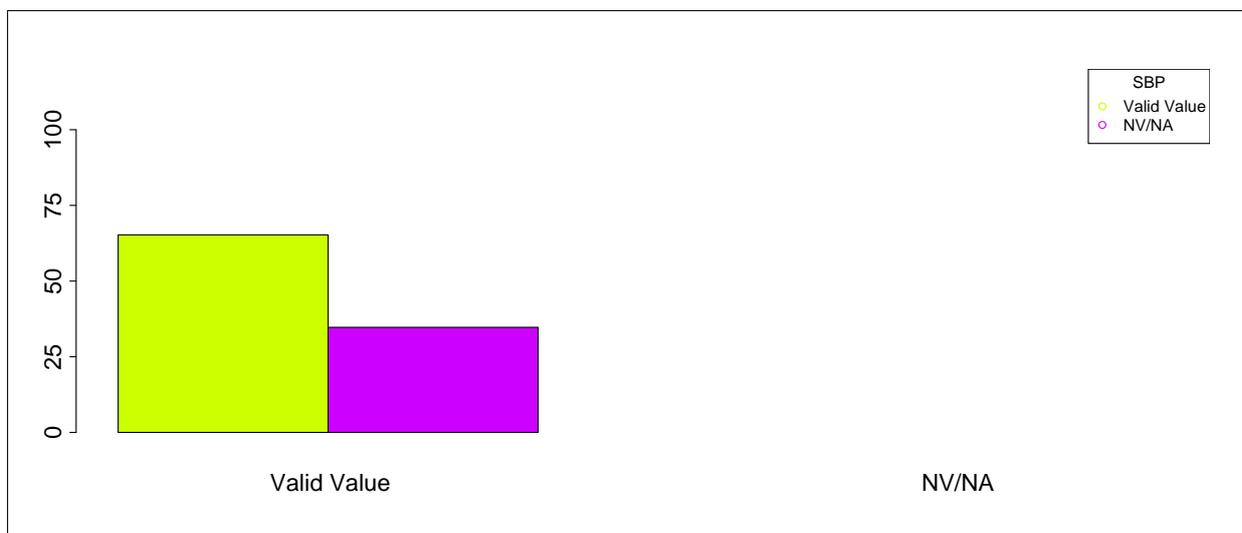
Barplot: 2.2.3.1.11 - Missing Data SBP (by Gender, Type of Diabetes = Type 2)



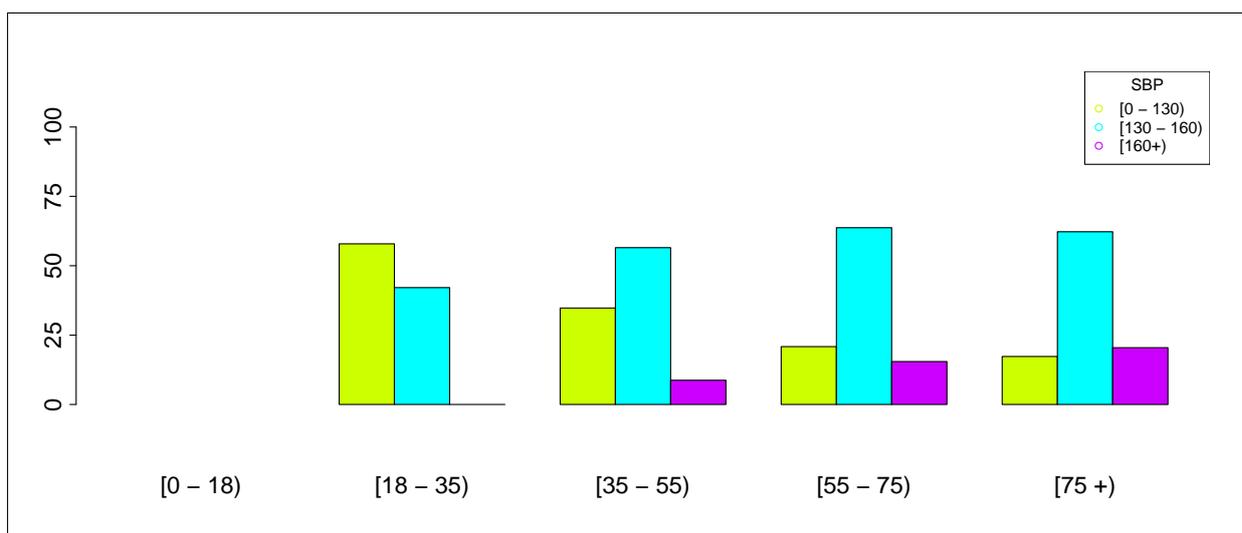
Barplot: 2.2.3.1.12 - SBP (by Gender, Type of Diabetes = Type 2)

2.2.3.1. Systolic BP (last episode in 12 months)  
Type of Diabetes = Type 2

---



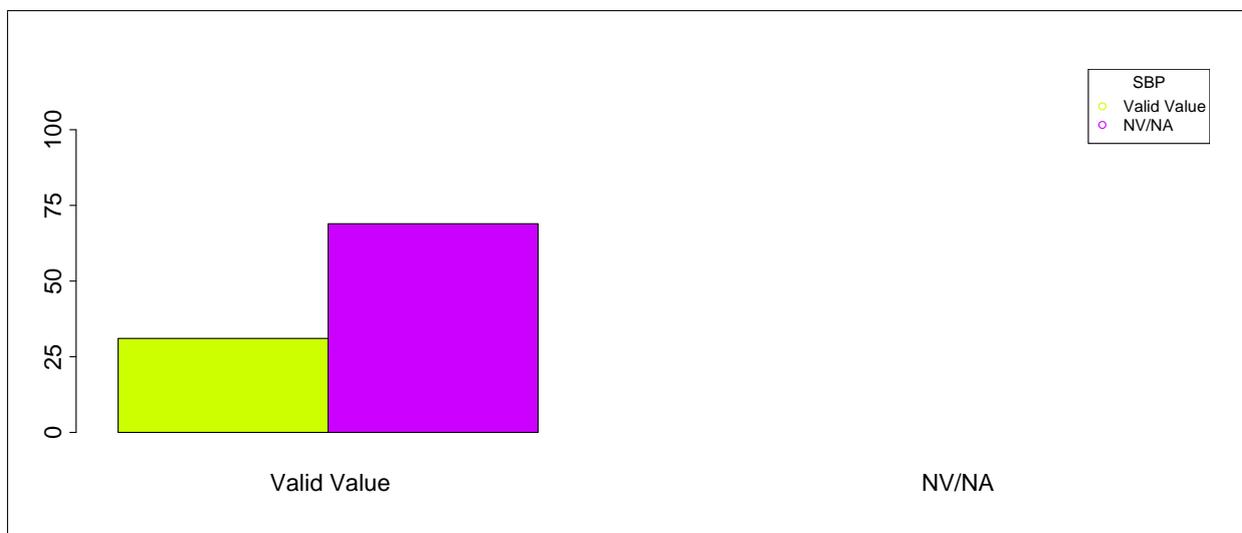
Barplot: 2.2.3.1.13 - Missing Data SBP (by Age, Type of Diabetes = Type 2)



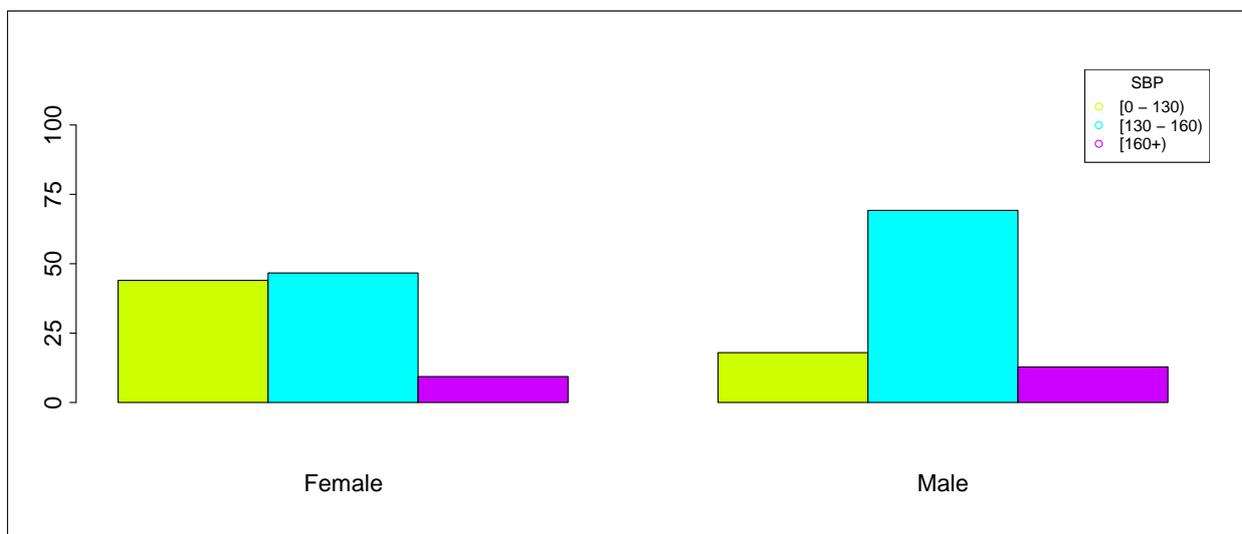
Barplot: 2.2.3.1.14 - SBP (by Age, Type of Diabetes = Type 2)

2.2.3.1. Systolic BP (last episode in 12 months)  
Type of Diabetes = Other Type

---



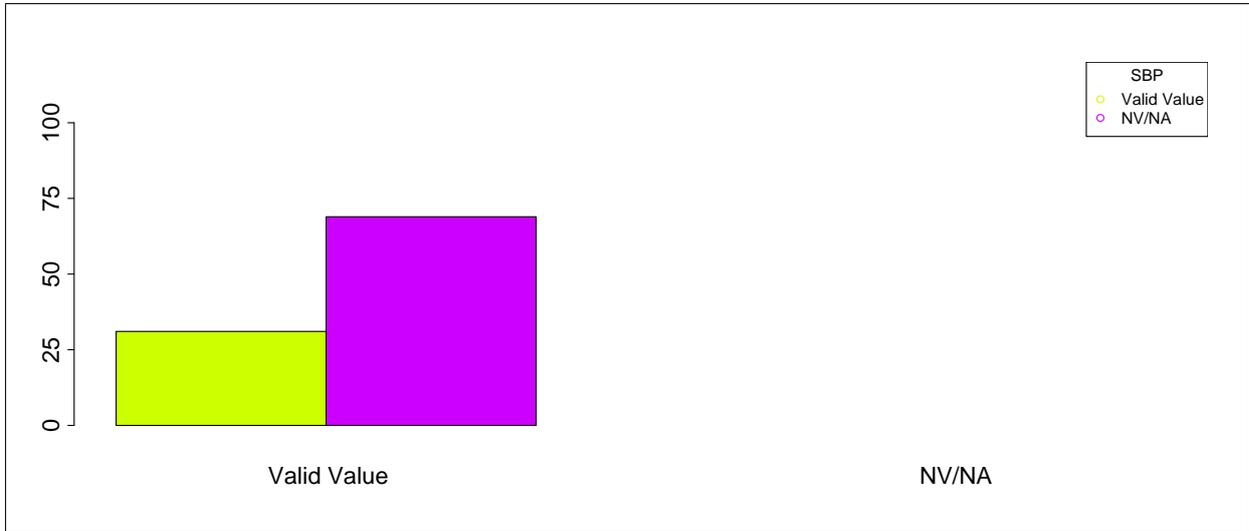
Barplot: 2.2.3.1.15 - Missing Data SBP (by Gender, Type of Diabetes = Other Type)



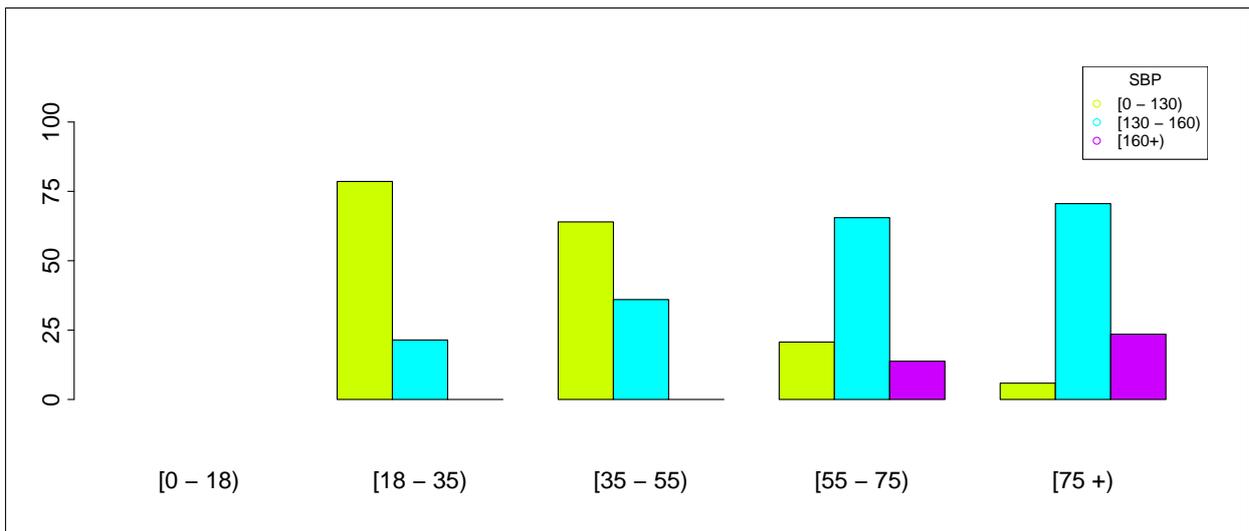
Barplot: 2.2.3.1.16 - SBP (by Gender, Type of Diabetes = Other Type)

2.2.3.1. Systolic BP (last episode in 12 months)  
Type of Diabetes = Other Type

---

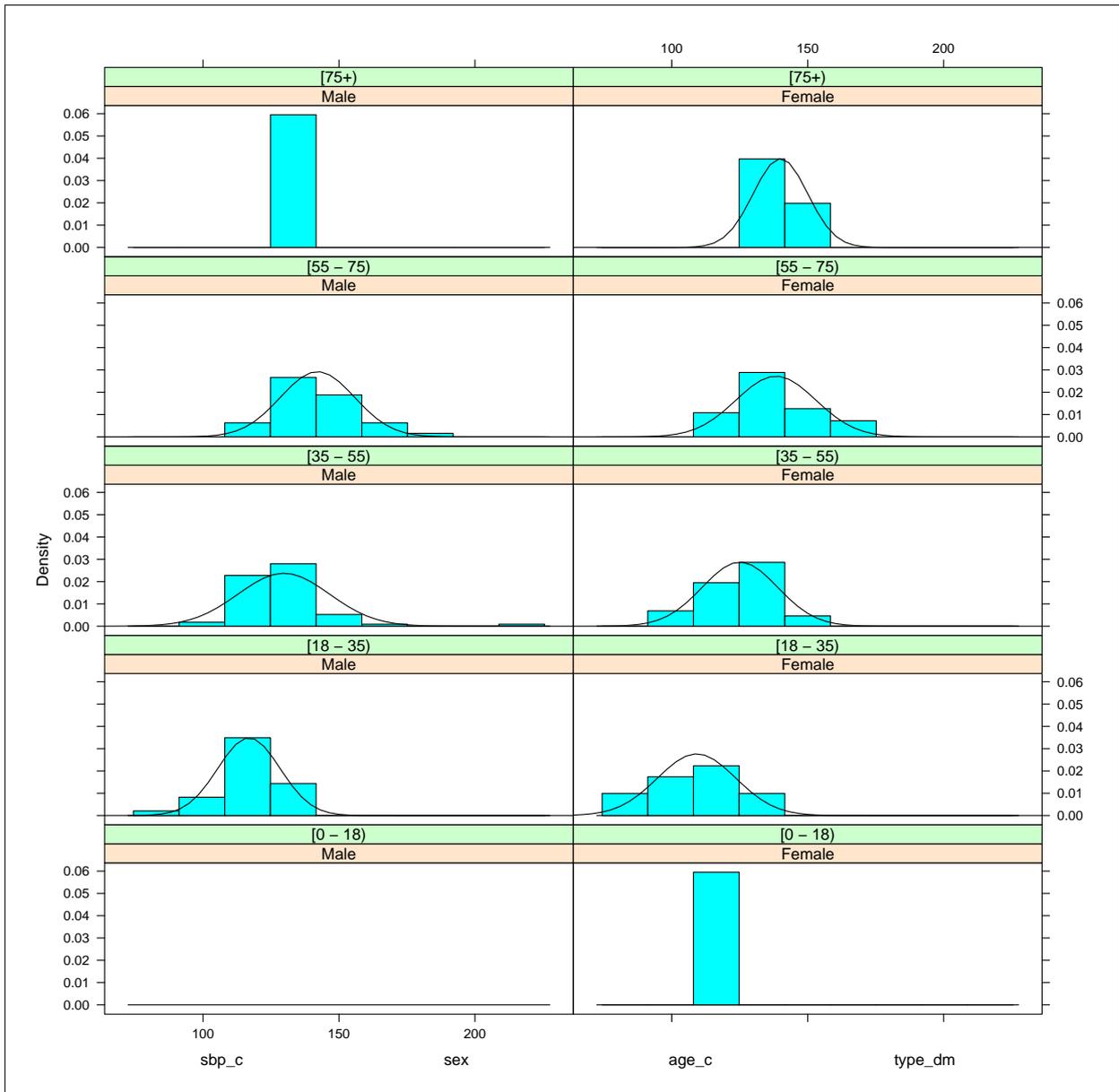


Barplot: 2.2.3.1.17 - Missing Data SBP (by Age, Type of Diabetes = Other Type)



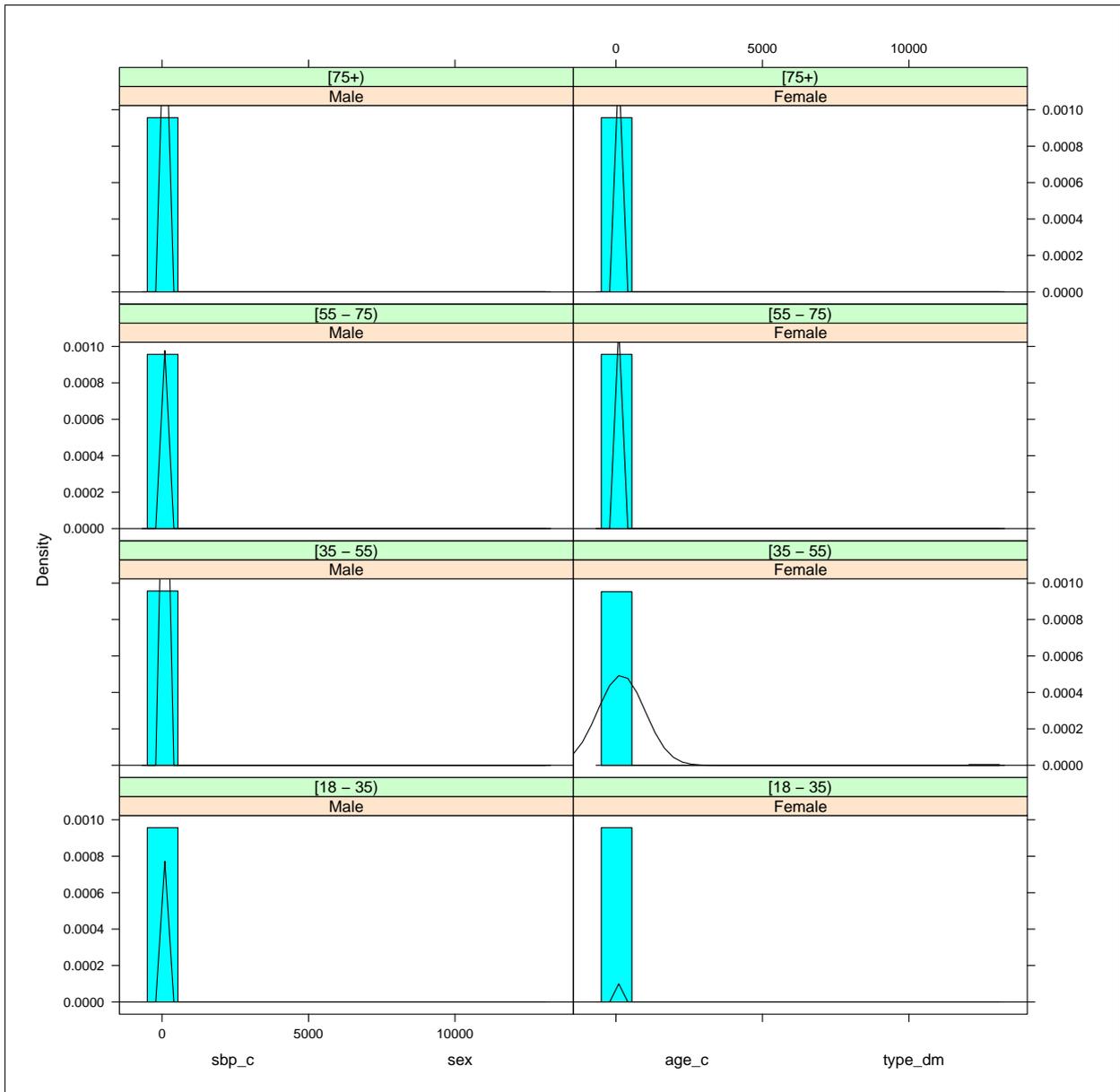
Barplot: 2.2.3.1.18 - SBP (by Age, Type of Diabetes = Other Type)

2.2.3.1. Systolic BP (last episode in 12 months)  
**Type of Diabetes = Type 1**



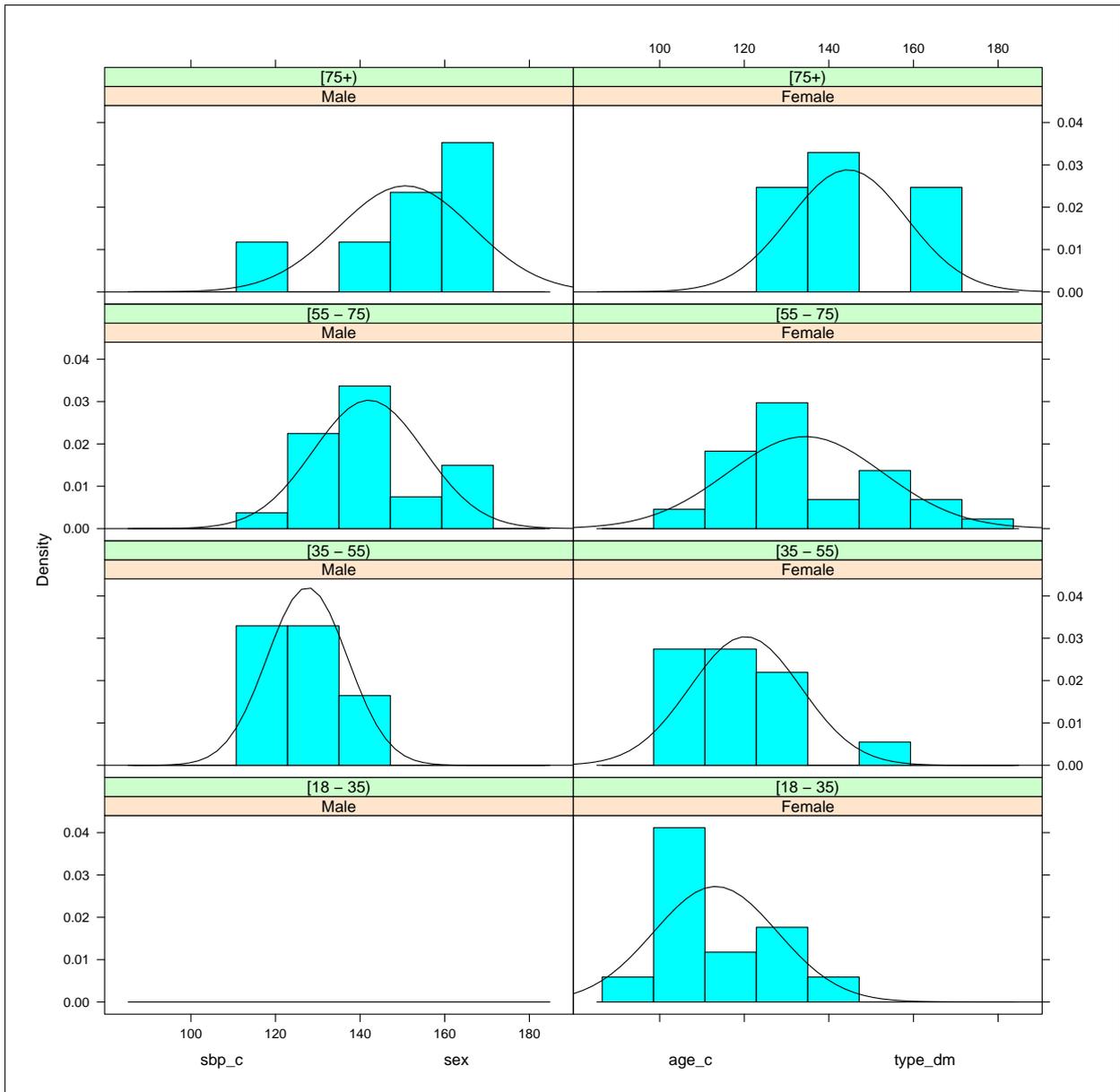
Trellis Barplot: 2.2.3.1.19 - \* SBP \* Gender (Type of Diabetes = Type 1)

2.2.3.1. Systolic BP (last episode in 12 months)  
Type of Diabetes = Type 2



Trellis Barplot: 2.2.3.1.20 - \* SBP \* Gender (Type of Diabetes = Type 2)

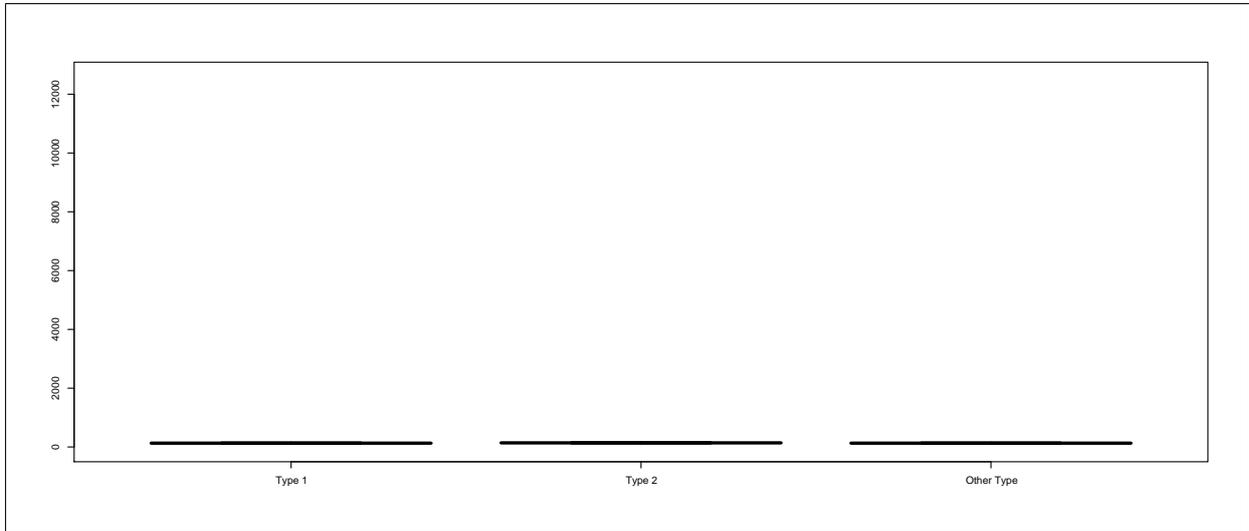
2.2.3.1. Systolic BP (last episode in 12 months)  
**Type of Diabetes = Other Type**



Trellis Barplot: 2.2.3.1.21 - \* SBP \* Gender (Type of Diabetes = Other Type)

2.2.3.1. Systolic BP (last episode in 12 months)

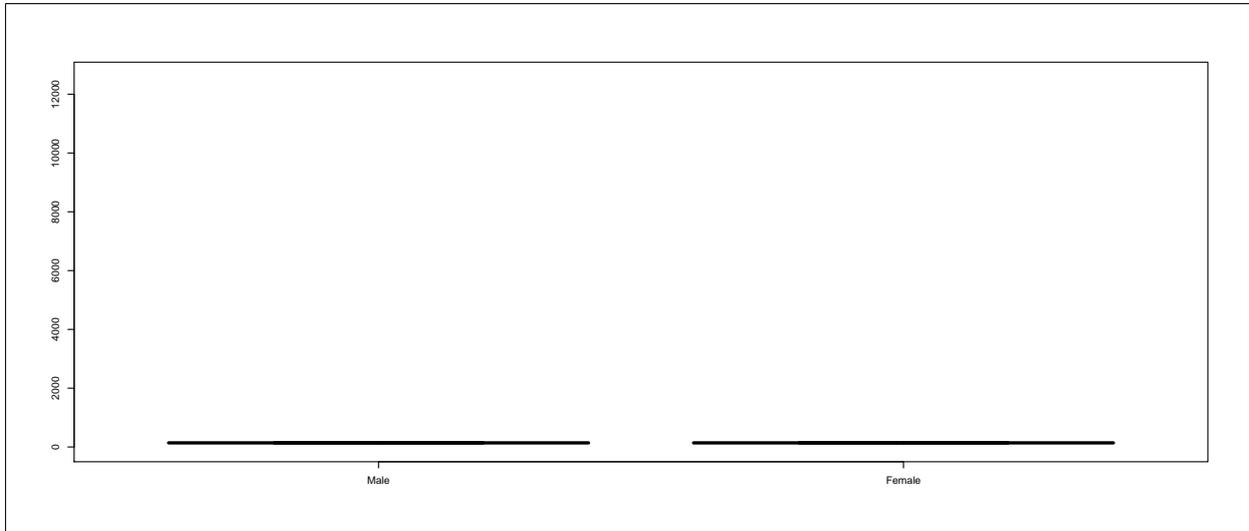
---



Boxplot: 2.2.3.1.1 - SBP (by Type of Diabetes)

### 2.2.3.1. Systolic BP (last episode in 12 months)

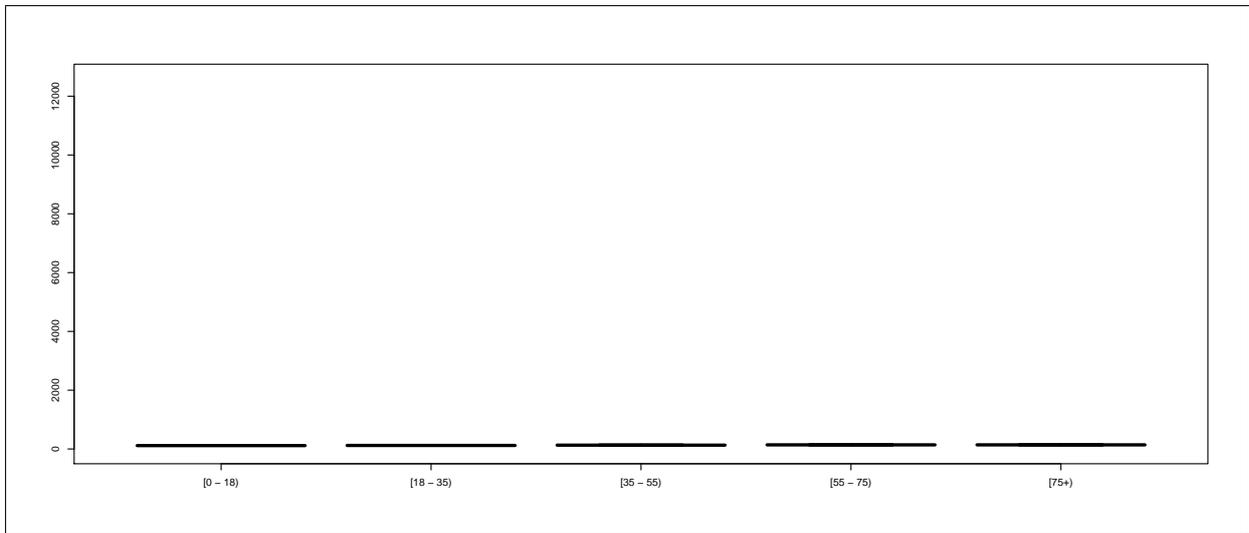
---



Boxplot: 2.2.3.1.2 - SBP (by Gender)

### 2.2.3.1. Systolic BP (last episode in 12 months)

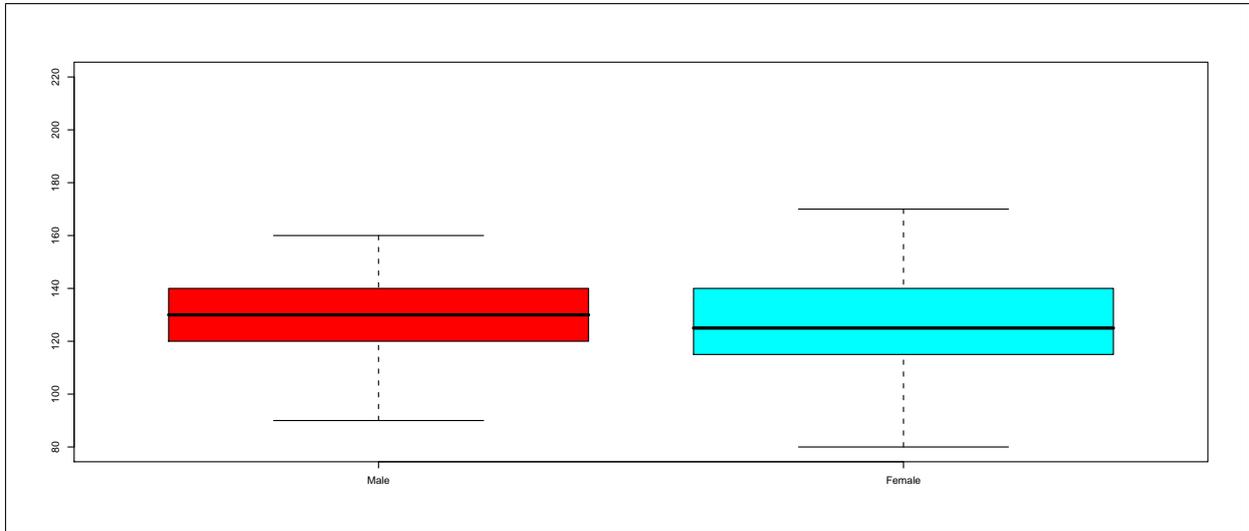
---



Boxplot: 2.2.3.1.3 - SBP (by Age)

2.2.3.1. Systolic BP (last episode in 12 months)  
**Type of Diabetes = Type 1**

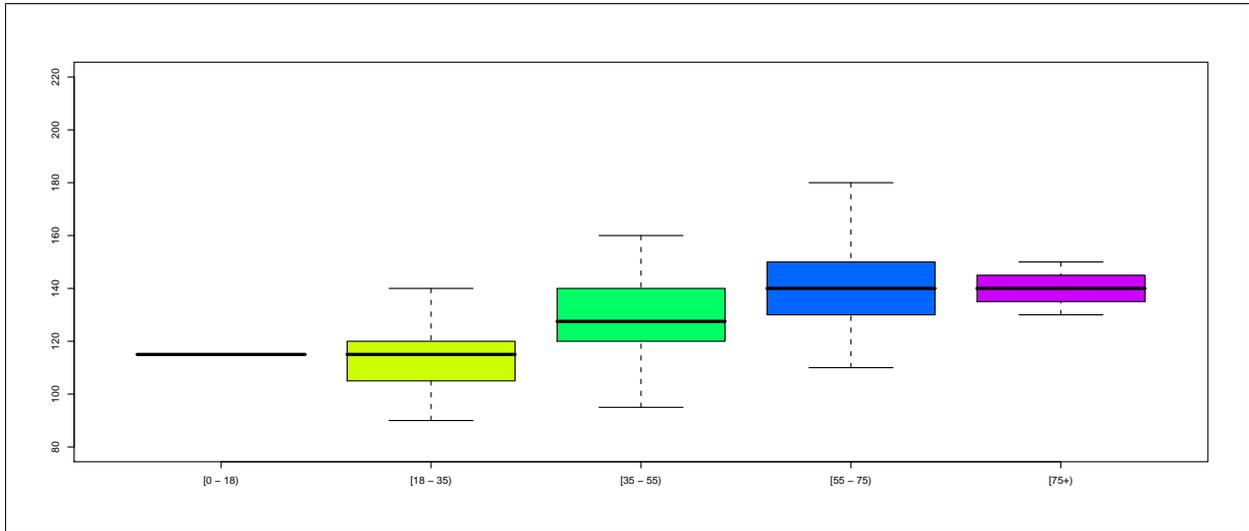
---



Boxplot: 2.2.3.1.4 - SBP (by Gender, Type of Diabetes = Type 1)

2.2.3.1. Systolic BP (last episode in 12 months)  
Type of Diabetes = Type 1

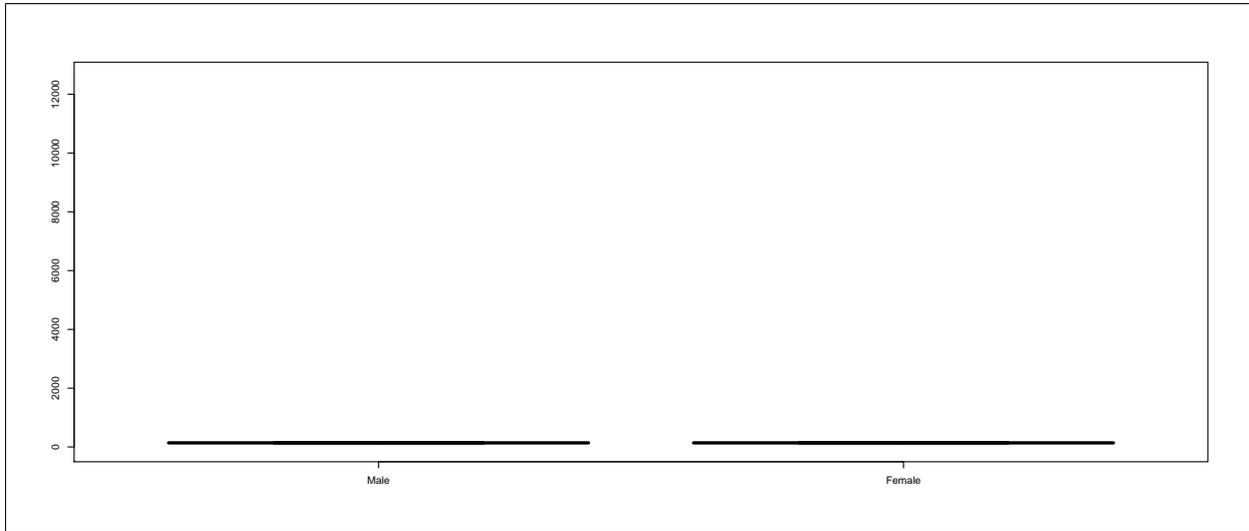
---



Boxplot: 2.2.3.1.5 - SBP (by Age, Type of Diabetes = Type 1)

2.2.3.1. Systolic BP (last episode in 12 months)  
**Type of Diabetes = Type 2**

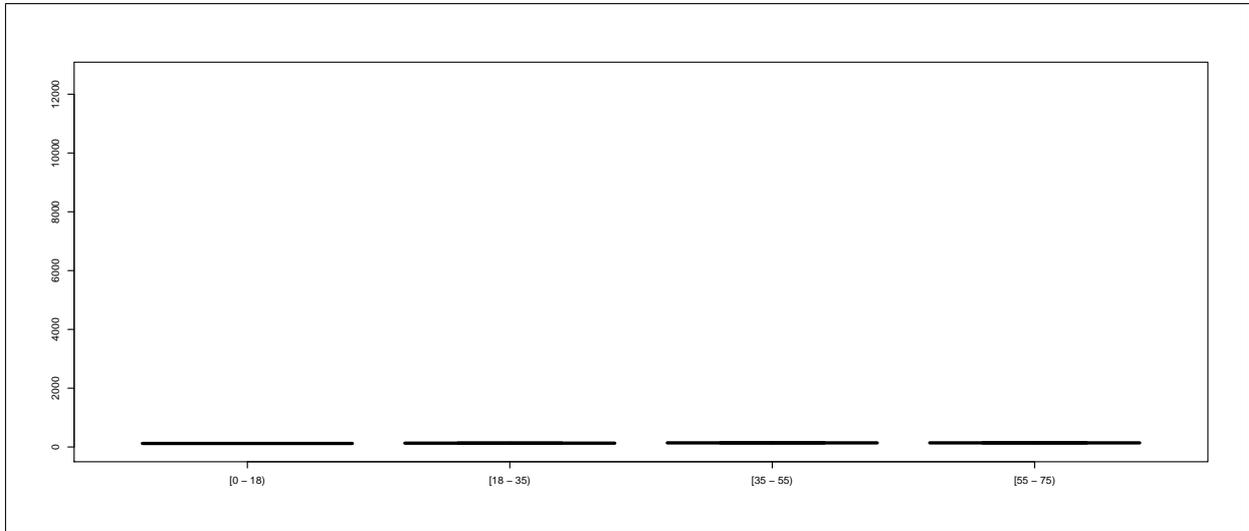
---



Boxplot: 2.2.3.1.6 - SBP (by Gender, Type of Diabetes = Type 2)

2.2.3.1. Systolic BP (last episode in 12 months)  
**Type of Diabetes = Type 2**

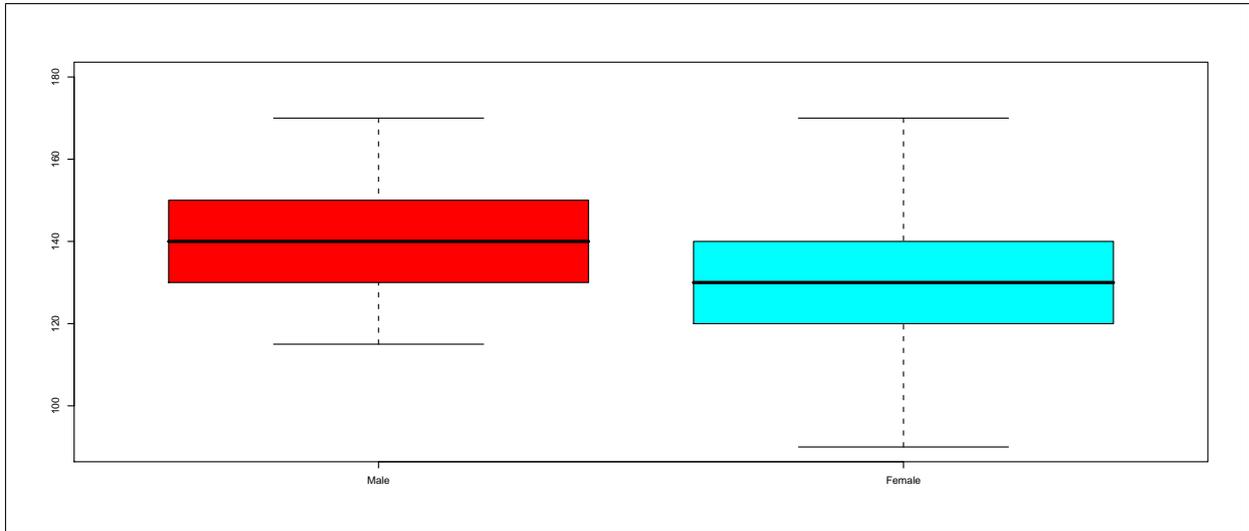
---



Boxplot: 2.2.3.1.7 - SBP (by Age, Type of Diabetes = Type 2)

2.2.3.1. Systolic BP (last episode in 12 months)  
Type of Diabetes = Other Type

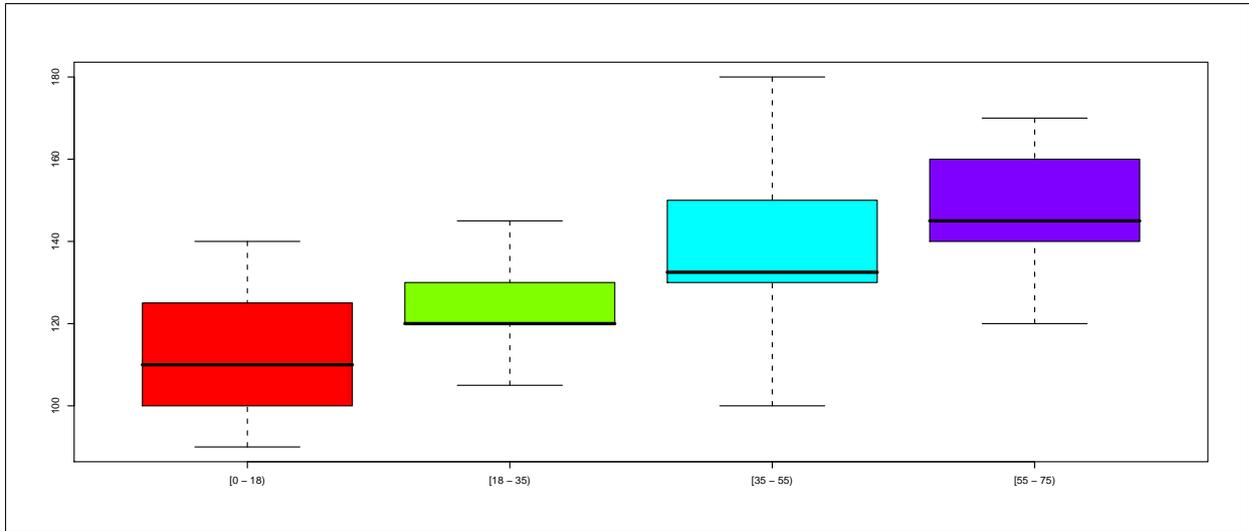
---



Boxplot: 2.2.3.1.8 - SBP (by Gender, Type of Diabetes = Other Type)

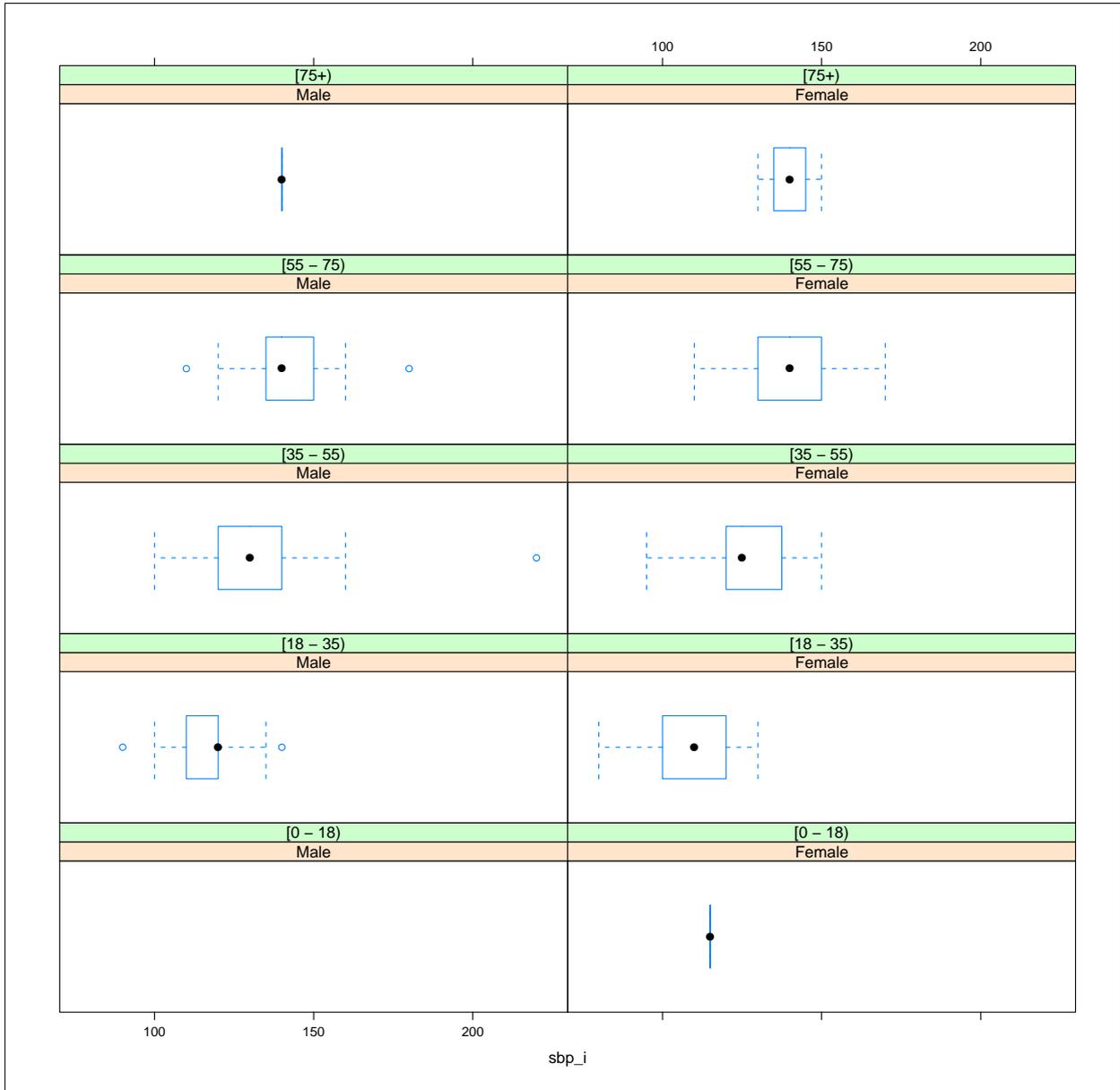
2.2.3.1. Systolic BP (last episode in 12 months)  
Type of Diabetes = Other Type

---



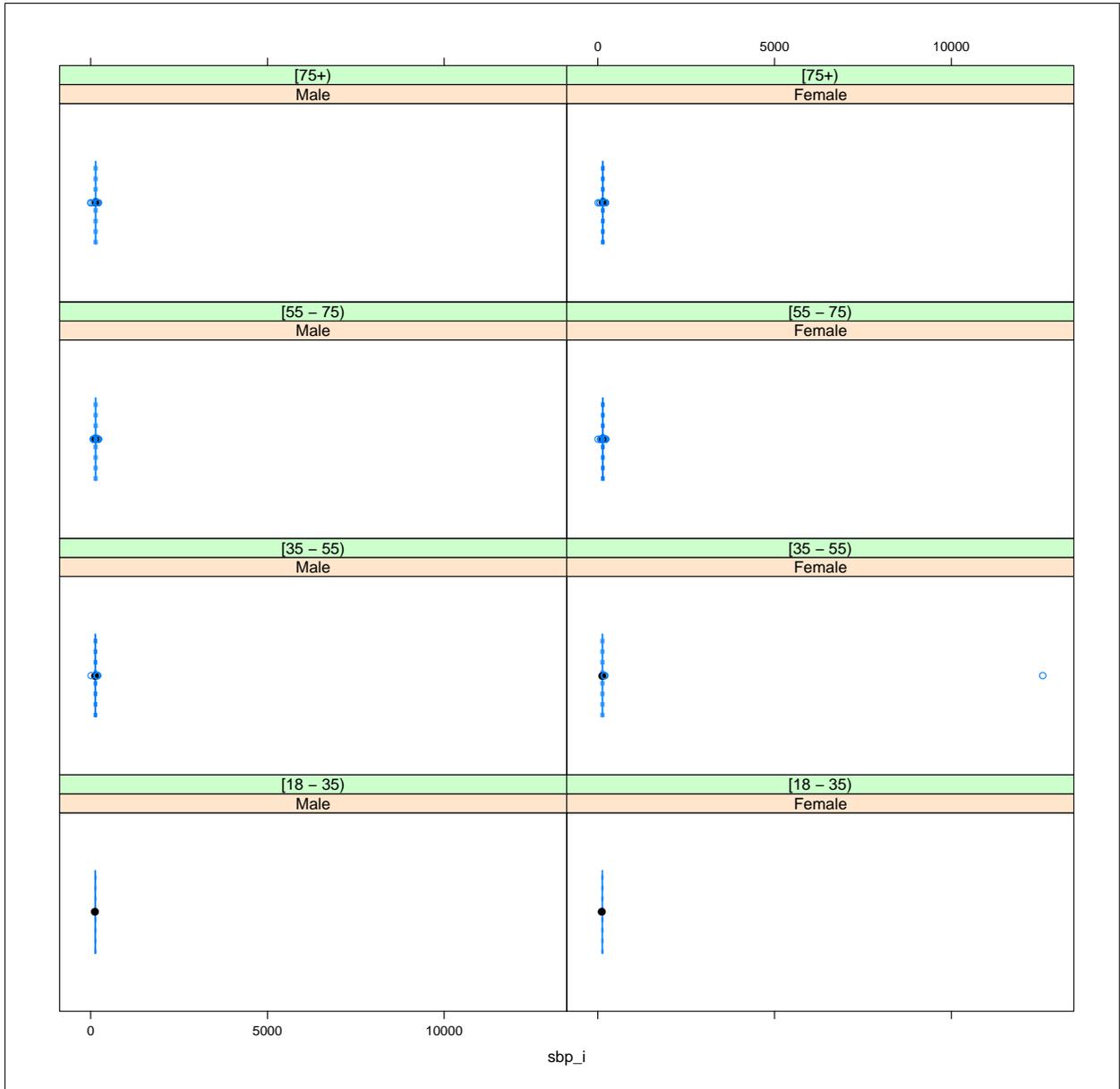
Boxplot: 2.2.3.1.9 - SBP (by Age, Type of Diabetes = Other Type)

2.2.3.1. Systolic BP (last episode in 12 months)  
**Type of Diabetes = Type 1**



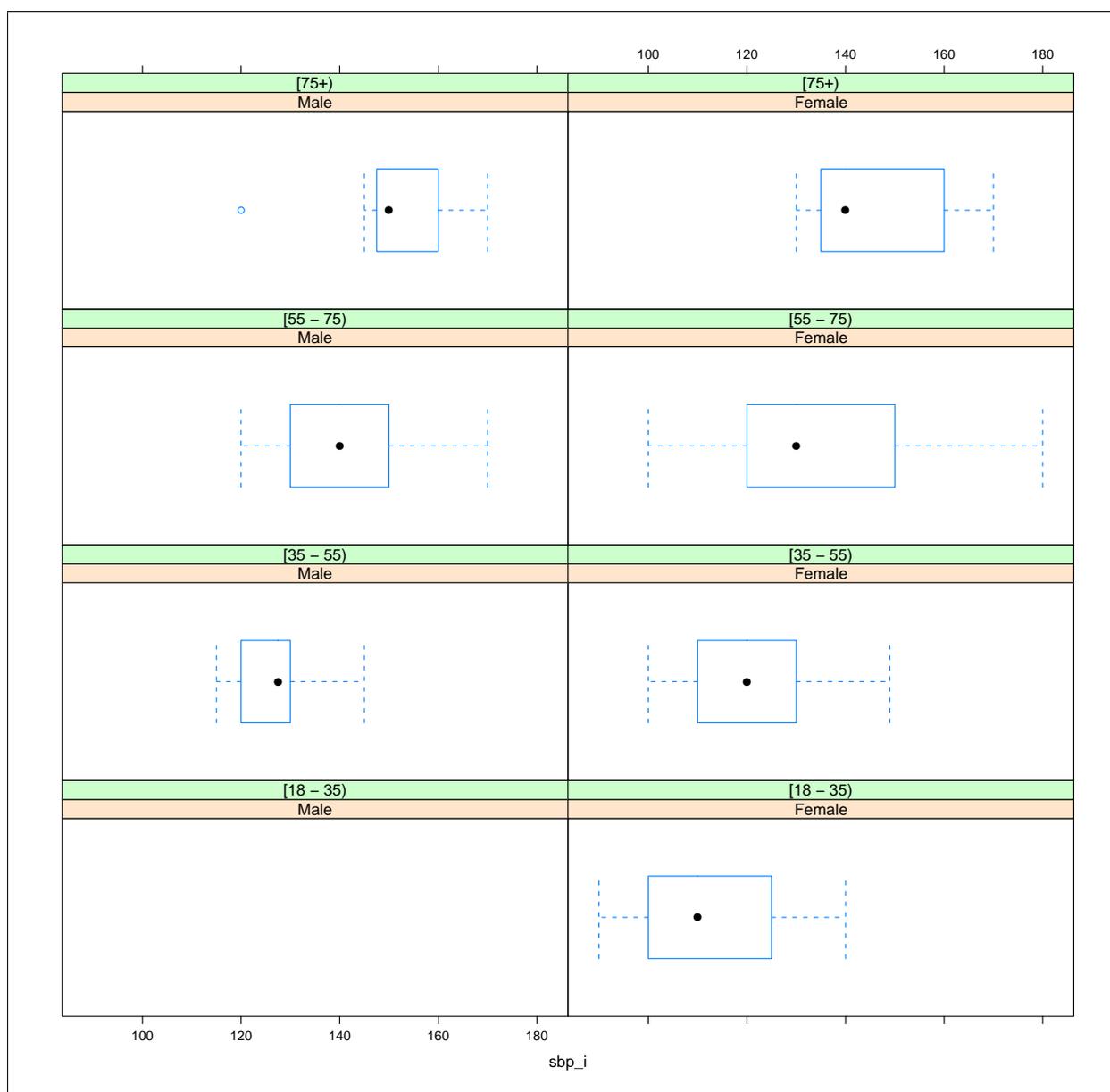
Trellis Boxplot: 2.2.3.1.10 - SBP \* Gender \* Age (Type of Diabetes = Type 1)

2.2.3.1. Systolic BP (last episode in 12 months)  
Type of Diabetes = Type 2



Trellis Boxplot: 2.2.3.1.11 - SBP \* Gender \* Age (Type of Diabetes = Type 2)

2.2.3.1. Systolic BP (last episode in 12 months)  
Type of Diabetes = Other Type



Trellis Boxplot: 2.2.3.1.12 - SBP \* Gender \* Age (Type of Diabetes = Other Type)

**2.2.3.2. Diastolic BP (last episode in 12 months)**

DBP	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6050 ( 62.1)	0( 0.0)		6050 ( 62.1)
NV/NA	3689 ( 37.9)	0( 0.0)		3689 ( 37.9)
<b>TOTAL</b>	<b>9739(100.0)</b>	<b>0( 0.0)</b>		<b>9739 (100.0)</b>

Table 2.2.3.2.1: Missing Data DBP (by Type of Diabetes)

DBP	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
[0 - 70)	26 ( 10.4)	294 ( 5.2)	9( 7.9)	329 ( 5.4)
[70 - 100)	219 ( 88.0)	5138 ( 90.3)	103( 90.4)	5460 ( 90.2)
[100 - 120)	4 ( 1.6)	243 ( 4.3)	2( 1.8)	249 ( 4.1)
[120+)	0 ( 0.0)	12 ( 0.2)	0( 0.0)	12 ( 0.2)
<b>TOTAL</b>	<b>249( 4.1)</b>	<b>5687( 94.0)</b>	<b>114( 1.9)</b>	<b>6050 (100.0)</b>

Table 2.2.3.2.2: DBP (by Type of Diabetes)

---



---

CMH Chi-Square

---

Value    One or more cells have 0 obs

---

2.2.3.2. Diastolic BP (last episode in 12 months)

DBP	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6050 ( 62.1)	0( 0.0)		6050 ( 62.1)
NV/NA	3689 ( 37.9)	0( 0.0)		3689 ( 37.9)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.2.3: Missing Data DBP (by Gender)

DBP	Gender			N ( % )
	Male ( % )	Female ( % )		
[0 - 70)	156 ( 4.8)	173( 6.2)		329 ( 5.4)
[70 - 100)	2934 ( 90.3)	2526( 90.2)		5460 ( 90.2)
[100 - 120)	151 ( 4.6)	98( 3.5)		249 ( 4.1)
[120+)	9 ( 0.3)	3( 0.1)		12 ( 0.2)
TOTAL	3250( 53.7)	2800( 46.3)		6050 (100.0)

Table 2.2.3.2.4: DBP (by Gender)

	CMH Chi-Square	p.value	df
Value	12.2441	0.0066	3

2.2.3.2. Diastolic BP (last episode in 12 months)

DBP	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6050 ( 62.1)	0( 0.0)		6050 ( 62.1)
NV/NA	3689 ( 37.9)	0( 0.0)		3689 ( 37.9)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.2.5: Missing Data DBP (by Age)

DBP	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 70)	0 ( 0.0)	18 ( 20.9)	26 ( 3.4)	164 ( 4.3)	121( 8.7)	329 ( 5.4)
[70 - 100)	1 (100.0)	67 ( 77.9)	699 ( 90.3)	3473 ( 91.3)	1220( 88.1)	5460 ( 90.2)
[100 - 120)	0 ( 0.0)	1 ( 1.2)	48 ( 6.2)	162 ( 4.3)	38( 2.7)	249 ( 4.1)
[120+)	0 ( 0.0)	0 ( 0.0)	1 ( 0.1)	5 ( 0.1)	6( 0.4)	12 ( 0.2)
TOTAL	1( 0.0)	86( 1.4)	774( 12.8)	3804( 62.9)	1385( 22.9)	6050 (100.0)

Table 2.2.3.2.6: DBP (by Age)

=====  
 CMH Chi-Square  
 =====  
 Value    One or more cells have 0 obs  
 =====

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 1**

DBP	Gender		
	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	249 ( 37.4)	0( 0.0)	249 ( 37.4)
NV/NA	416 ( 62.6)	0( 0.0)	416 ( 62.6)
TOTAL	665(100.0)	0( 0.0)	665 (100.0)

Table 2.2.3.2.7: Missing Data DBP (by Gender, Type of Diabetes = Type 1)

DBP	Gender		N ( % )
	Male ( % )	Female ( % )	
[0 - 70)	10 ( 7.4)	16( 14.2)	26 ( 10.4)
[70 - 100)	123 ( 90.4)	96( 85.0)	219 ( 88.0)
[100 - 120)	3 ( 2.2)	1( 0.9)	4 ( 1.6)
[120+)	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	136( 54.6)	113( 45.4)	249 (100.0)

Table 2.2.3.2.8: DBP (by Gender, Type of Diabetes = Type 1)

CMH Chi-Square	
Value	One or more cells have 0 obs

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 1**

DBP	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	249 ( 37.4)	0( 0.0)		249 ( 37.4)
NV/NA	416 ( 62.6)	0( 0.0)		416 ( 62.6)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 2.2.3.2.9: Missing Data DBP (by Age, Type of Diabetes = Type 1)

DBP	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 70)	0 ( 0.0)	13 ( 24.5)	11 ( 9.2)	2 ( 2.8)	0( 0.0)	26 ( 10.4)
[70 - 100)	1 (100.0)	40 ( 75.5)	106 ( 88.3)	68 ( 95.8)	4(100.0)	219 ( 88.0)
[100 - 120)	0 ( 0.0)	0 ( 0.0)	3 ( 2.5)	1 ( 1.4)	0( 0.0)	4 ( 1.6)
[120+)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	1( 0.4)	53( 21.3)	120( 48.2)	71( 28.5)	4( 1.6)	249 (100.0)

Table 2.2.3.2.10: DBP (by Age, Type of Diabetes = Type 1)

CMH Chi-Square  
 Value One or more cells have 0 obs

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 1**

DBP	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	416( 62.6)	416 ( 62.6)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	249( 37.4)	249 ( 37.4)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	665(100.0)	665 (100.0)

Table 2.2.3.2.11: Missing Data DBP (by Gender \* Age, Type of Diabetes = Type 1)

DBP	Gender * Age										N ( % )
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 70)	0 ( 0.0)	0 ( 0.0)	8 ( 33.3)	5 ( 17.2)	8 ( 15.4)	3 ( 4.4)	0 ( 0.0)	2 ( 5.3)	0 ( 0.0)	0( 0.0)	26 ( 10.4)
[70 - 100)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 1.9)	2 ( 2.9)	0 ( 0.0)	1 ( 2.6)	0 ( 0.0)	0( 0.0)	4 ( 1.6)
[100 - 120)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0( 0.0)	0 ( 0.0)
[120+)	1 (100.0)	0 ( 0.0)	16 ( 66.7)	24 ( 82.8)	43 ( 82.7)	63 ( 92.6)	33 (100.0)	35 ( 92.1)	3 (100.0)	1(100.0)	219 ( 88.0)
TOTAL	1( 0.4)	0( 0.0)	24( 9.6)	29( 11.6)	52( 20.9)	68( 27.3)	33( 13.3)	38( 15.3)	3( 1.2)	1( 0.4)	249 (100.0)

Table 2.2.3.2.12: DBP (by Gender \* Age, Type of Diabetes = Type 1)

---

 CMH Chi-Square  
 Value    One or more cells have 0 obs

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 2**

DBP	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	5687 ( 65.3)	0( 0.0)		5687 ( 65.3)
NV/NA	3020 ( 34.7)	0( 0.0)		3020 ( 34.7)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 2.2.3.2.13: Missing Data DBP (by Gender, Type of Diabetes = Type 2)

DBP	Gender			N ( % )
	Male ( % )	Female ( % )		
[0 - 70)	146 ( 4.7)	148( 5.7)		294 ( 5.2)
[70 - 100)	2773 ( 90.2)	2365( 90.5)		5138 ( 90.3)
[100 - 120)	147 ( 4.8)	96( 3.7)		243 ( 4.3)
[120+)	9 ( 0.3)	3( 0.1)		12 ( 0.2)
TOTAL	3075( 54.1)	2612( 45.9)		5687 (100.0)

Table 2.2.3.2.14: DBP (by Gender, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	8.4775	0.0371	3

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 2**

DBP	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	5687 ( 65.3)	0( 0.0)		5687 ( 65.3)
NV/NA	3020 ( 34.7)	0( 0.0)		3020 ( 34.7)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 2.2.3.2.15: Missing Data DBP (by Age, Type of Diabetes = Type 2)

DBP	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 70)	0 ( 0.0)	0 ( 0.0)	14 ( 2.2)	161 ( 4.4)	119( 8.7)	294 ( 5.2)
[70 - 100)	0 ( 0.0)	18 ( 94.7)	569 ( 90.5)	3350 ( 91.2)	1201( 88.0)	5138 ( 90.3)
[100 - 120)	0 ( 0.0)	1 ( 5.3)	45 ( 7.2)	159 ( 4.3)	38( 2.8)	243 ( 4.3)
[120+)	0 ( 0.0)	0 ( 0.0)	1 ( 0.2)	5 ( 0.1)	6( 0.4)	12 ( 0.2)
TOTAL	0( 0.0)	19( 0.3)	629( 11.1)	3675( 64.6)	1364( 24.0)	5687 (100.0)

Table 2.2.3.2.16: DBP (by Age, Type of Diabetes = Type 2)

=====  
 CMH Chi-Square  
 =====  
 Value    One or more cells have 0 obs  
 =====

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 2**

DBP	Gender * Age				
	Valid Value		NV/NA		N ( % )
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	3020( 34.7)	3020 ( 34.7)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	5687( 65.3)	5687 ( 65.3)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	8707(100.0)	8707 (100.0)

Table 2.2.3.2.17: Missing Data DBP (by Gender \* Age, Type of Diabetes = Type 2)

DBP	Gender * Age										N ( % )
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 70)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	6 ( 2.5)	8 ( 2.0)	79 ( 4.9)	82 ( 4.0)	63 ( 8.5)	56( 8.9)	294 ( 5.2)
[70 - 100)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 10.0)	13 ( 5.5)	32 ( 8.2)	62 ( 3.8)	97 ( 4.7)	21 ( 2.8)	17( 2.7)	243 ( 4.3)
[100 - 120)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 0.3)	1 ( 0.1)	4 ( 0.2)	2 ( 0.3)	4( 0.6)	12 ( 0.2)
[120+)	0 ( 0.0)	0 ( 0.0)	9 (100.0)	9 ( 90.0)	219 ( 92.0)	350 ( 89.5)	1486 ( 91.3)	1864 ( 91.1)	651 ( 88.3)	550( 87.7)	5138 ( 90.3)
TOTAL	0( 0.0)	0( 0.0)	9( 0.2)	10( 0.2)	238( 4.2)	391( 6.9)	1628( 28.6)	2047( 36.0)	737( 13.0)	627( 11.0)	5687 (100.0)

Table 2.2.3.2.18: DBP (by Gender \* Age, Type of Diabetes = Type 2)

---

**CMH Chi-Square**


---

 Value    One or more cells have 0 obs

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Other Type**

DBP	Gender		
	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	114 ( 31.1)	0( 0.0)	114 ( 31.1)
NV/NA	253 ( 68.9)	0( 0.0)	253 ( 68.9)
TOTAL	367(100.0)	0( 0.0)	367 (100.0)

Table 2.2.3.2.19: Missing Data DBP (by Gender, Type of Diabetes = Other Type)

DBP	Gender		N ( % )
	Male ( % )	Female ( % )	
[0 - 70)	0 ( 0.0)	9( 12.0)	9 ( 7.9)
[70 - 100)	38 ( 97.4)	65( 86.7)	103 ( 90.4)
[100 - 120)	1 ( 2.6)	1( 1.3)	2 ( 1.8)
[120+)	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	39( 34.2)	75( 65.8)	114 (100.0)

Table 2.2.3.2.20: DBP (by Gender, Type of Diabetes = Other Type)

CMH Chi-Square  
 Value One or more cells have 0 obs

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Other Type**

DBP	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	114 ( 31.1)	0( 0.0)		114 ( 31.1)
NV/NA	253 ( 68.9)	0( 0.0)		253 ( 68.9)
TOTAL	367(100.0)	0( 0.0)		367 (100.0)

Table 2.2.3.2.21: Missing Data DBP (by Age, Type of Diabetes = Other Type)

DBP	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 70)	0 ( 0.0)	5 ( 35.7)	1 ( 4.0)	1 ( 1.7)	2( 11.8)	9 ( 7.9)
[70 - 100)	0 ( 0.0)	9 ( 64.3)	24 ( 96.0)	55 ( 94.8)	15( 88.2)	103 ( 90.4)
[100 - 120)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	2 ( 3.4)	0( 0.0)	2 ( 1.8)
[120+)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	0( 0.0)	14( 12.3)	25( 21.9)	58( 50.9)	17( 14.9)	114 (100.0)

Table 2.2.3.2.22: DBP (by Age, Type of Diabetes = Other Type)

CMH Chi-Square  
 Value One or more cells have 0 obs

2.2.3.2. Diastolic BP (last episode in 12 months)

**Type of Diabetes = Other Type**

DBP	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	253( 68.9)	253 ( 68.9)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	114( 31.1)	114 ( 31.1)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	367(100.0)	367 (100.0)

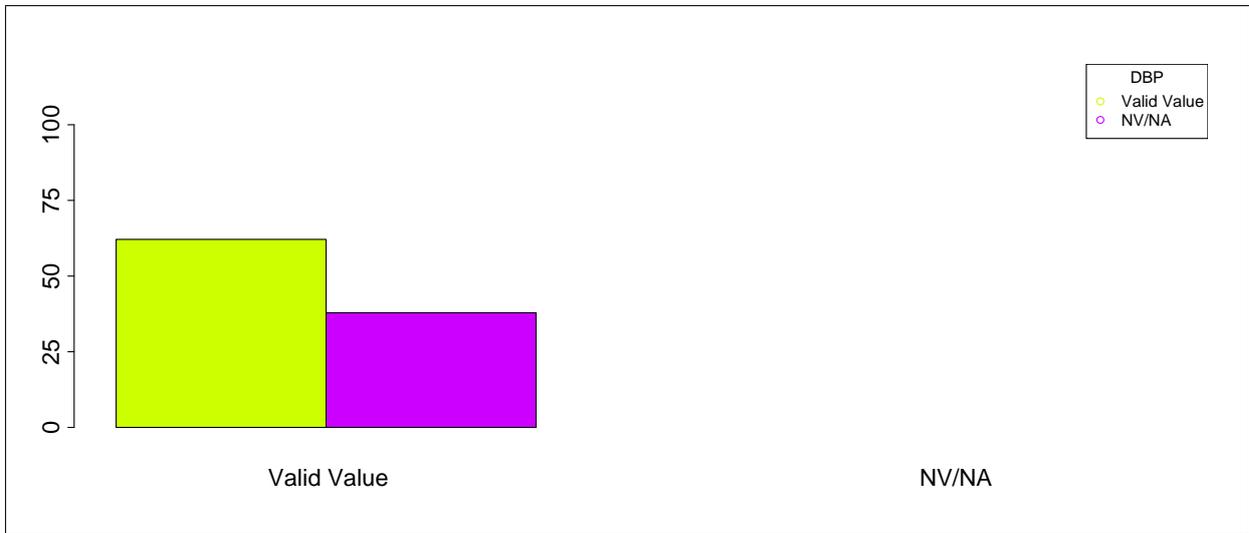
Table 2.2.3.2.23: Missing Data DBP (by Gender \* Age, Type of Diabetes = Other Type)

DBP	Gender * Age										
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 70)	0 ( 0.0)	0 ( 0.0)	5 ( 35.7)	0 ( 0.0)	1 ( 6.7)	0 ( 0.0)	1 ( 2.8)	0 ( 0.0)	2 ( 20.0)	0 ( 0.0)	9 ( 7.9)
[70 - 100)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 2.8)	1 ( 4.5)	0 ( 0.0)	0 ( 0.0)	2 ( 1.8)
[100 - 120)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)
[120+)	0 ( 0.0)	0 ( 0.0)	9 ( 64.3)	0 ( 0.0)	14 ( 93.3)	10 (100.0)	34 ( 94.4)	21 ( 95.5)	8 ( 80.0)	7(100.0)	103 ( 90.4)
TOTAL	0( 0.0)	0( 0.0)	14( 12.3)	0( 0.0)	15( 13.2)	10( 8.8)	36( 31.6)	22( 19.3)	10( 8.8)	7( 6.1)	114 (100.0)

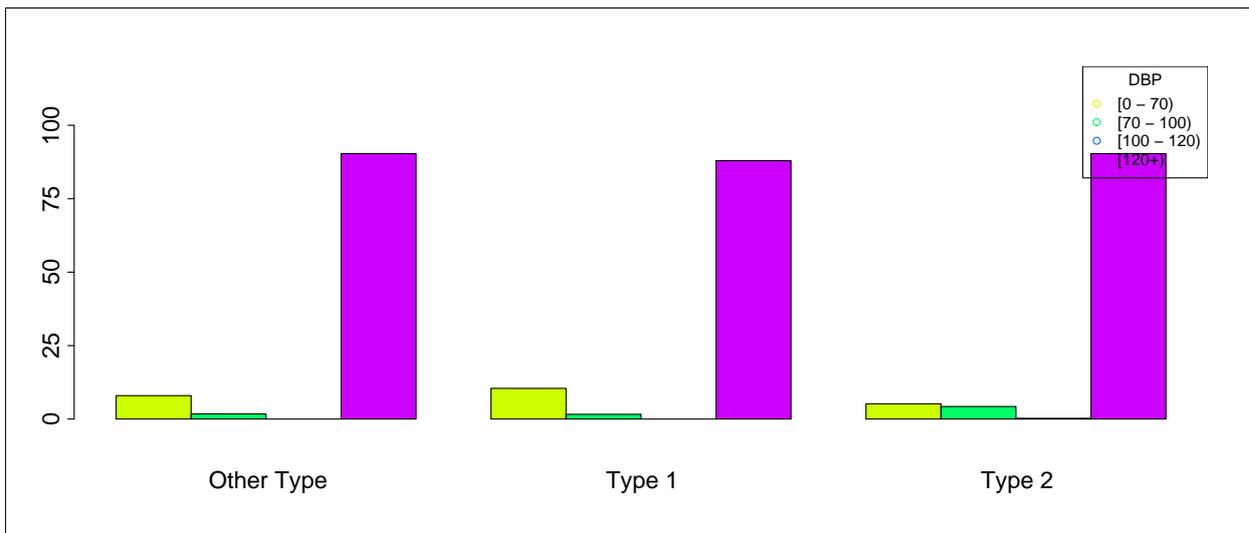
Table 2.2.3.2.24: DBP (by Gender \* Age, Type of Diabetes = Other Type)

\_\_\_\_\_  
 CMH Chi-Square  
 \_\_\_\_\_  
 Value    One or more cells have 0 obs  
 \_\_\_\_\_

2.2.3.2. Diastolic BP (last episode in 12 months)

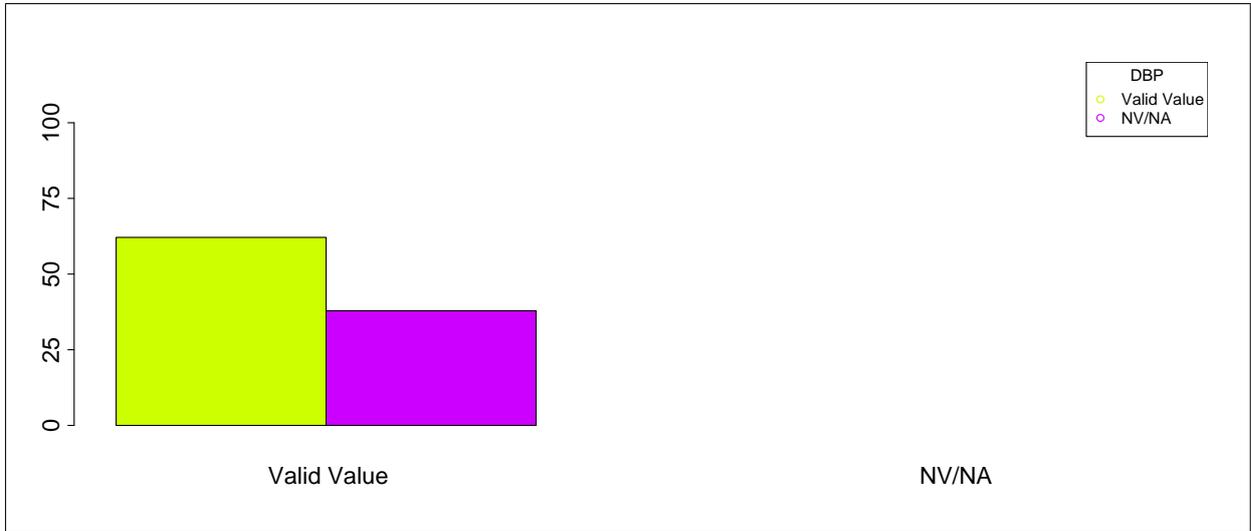


Barplot: 2.2.3.2.1 - Missing Data DBP (by Type of Diabetes)

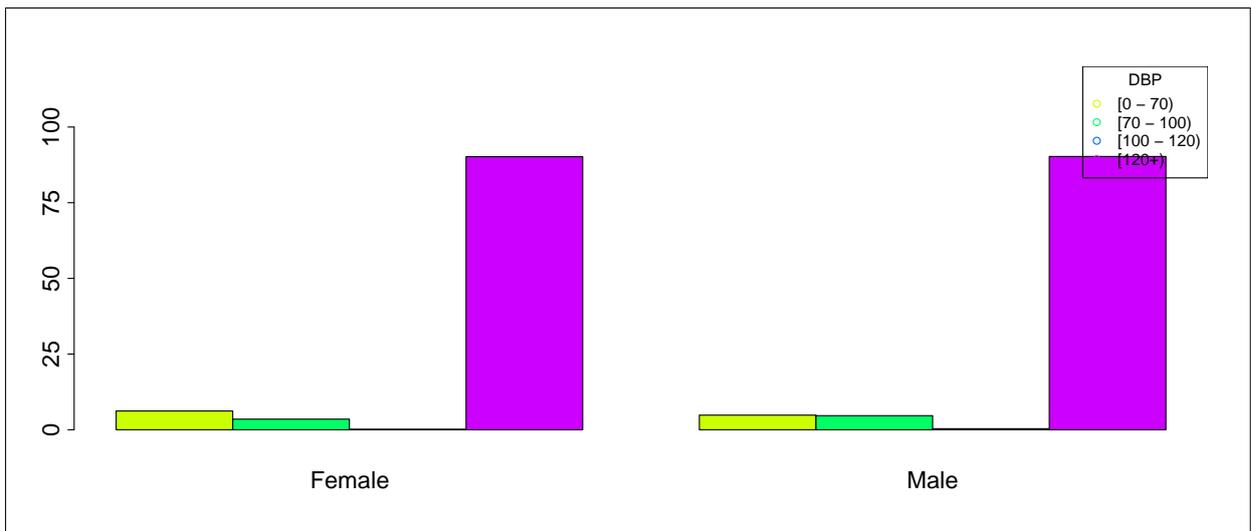


Barplot: 2.2.3.2.2 - DBP (by Type of Diabetes)

2.2.3.2. Diastolic BP (last episode in 12 months)

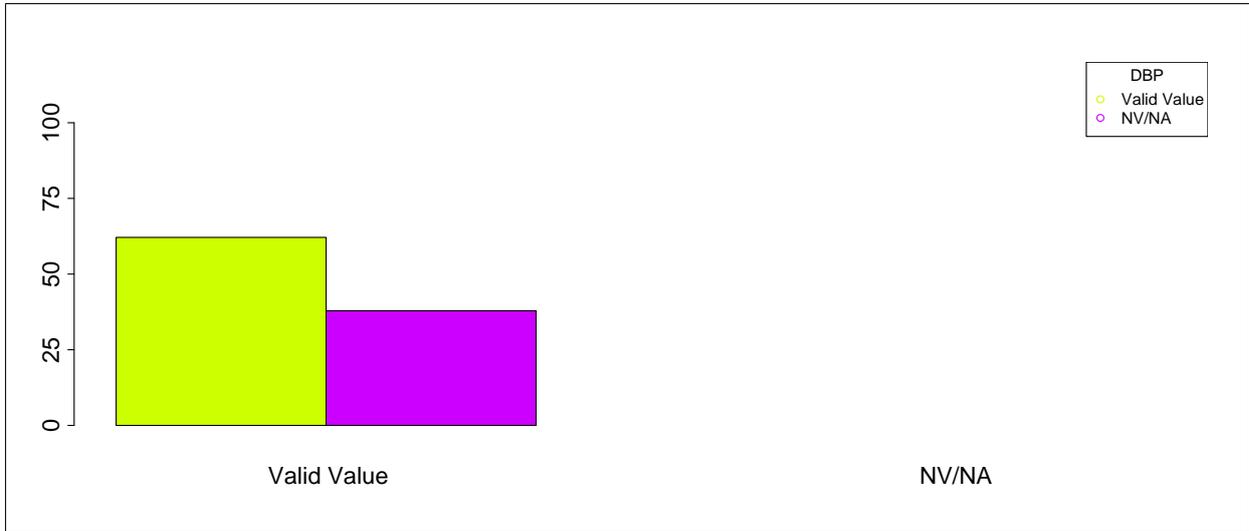


Barplot: 2.2.3.2.3 - Missing Data DBP (by Gender)

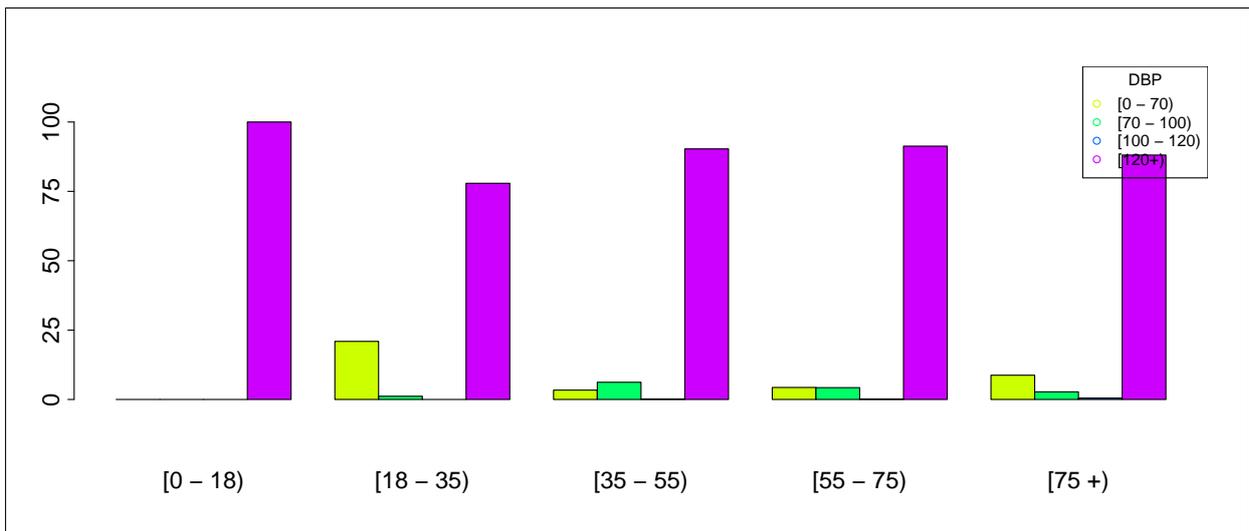


Barplot: 2.2.3.2.4 - DBP (by Gender)

2.2.3.2. Diastolic BP (last episode in 12 months)



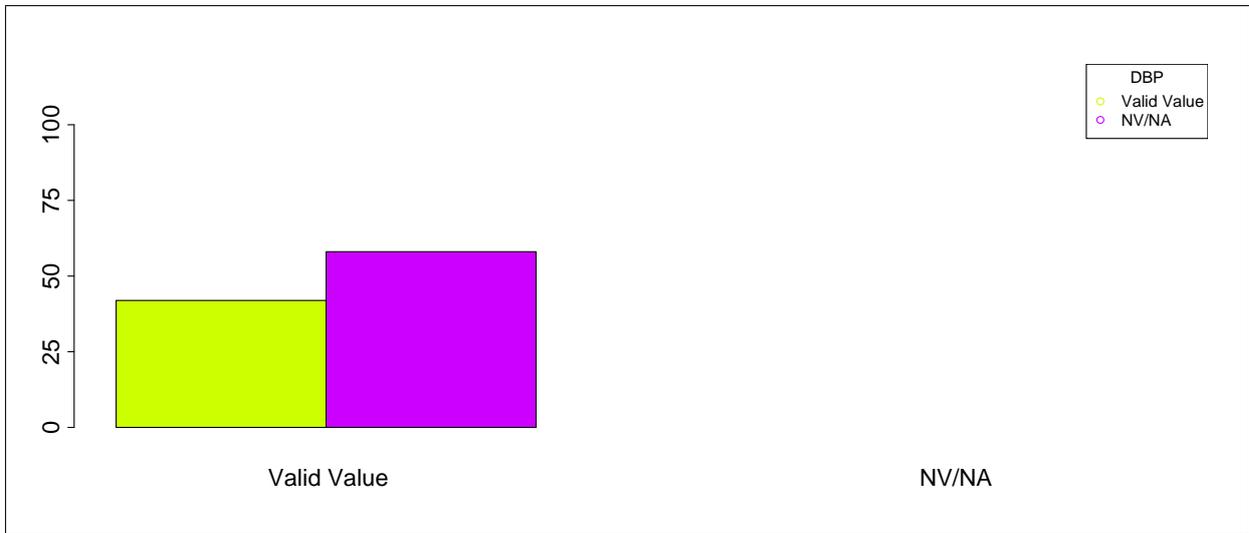
Barplot: 2.2.3.2.5 - Missing Data DBP (by Age)



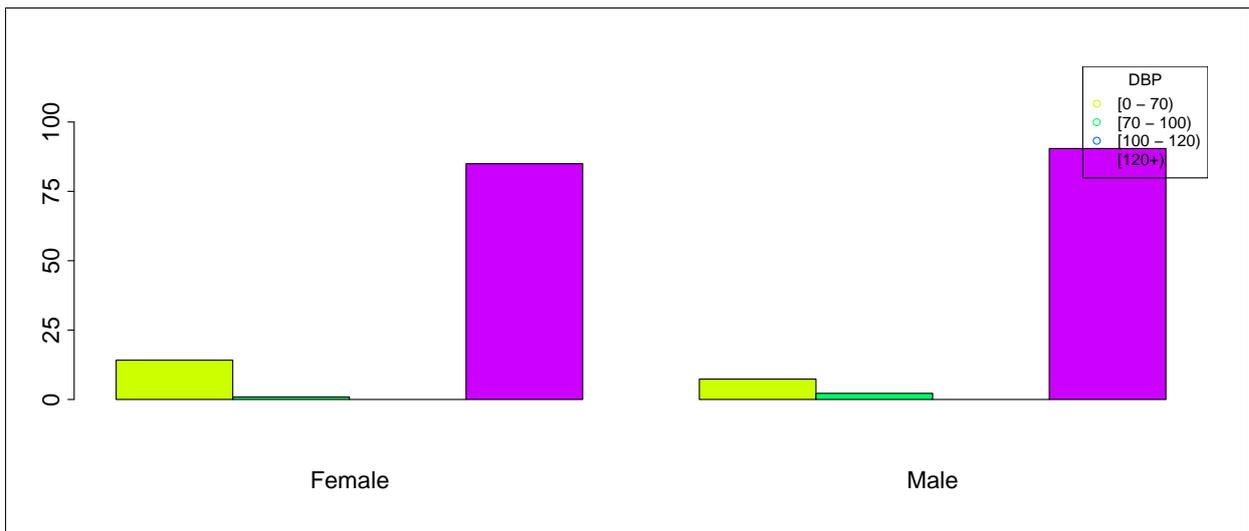
Barplot: 2.2.3.2.6 - DBP (by Age)

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 1**

---

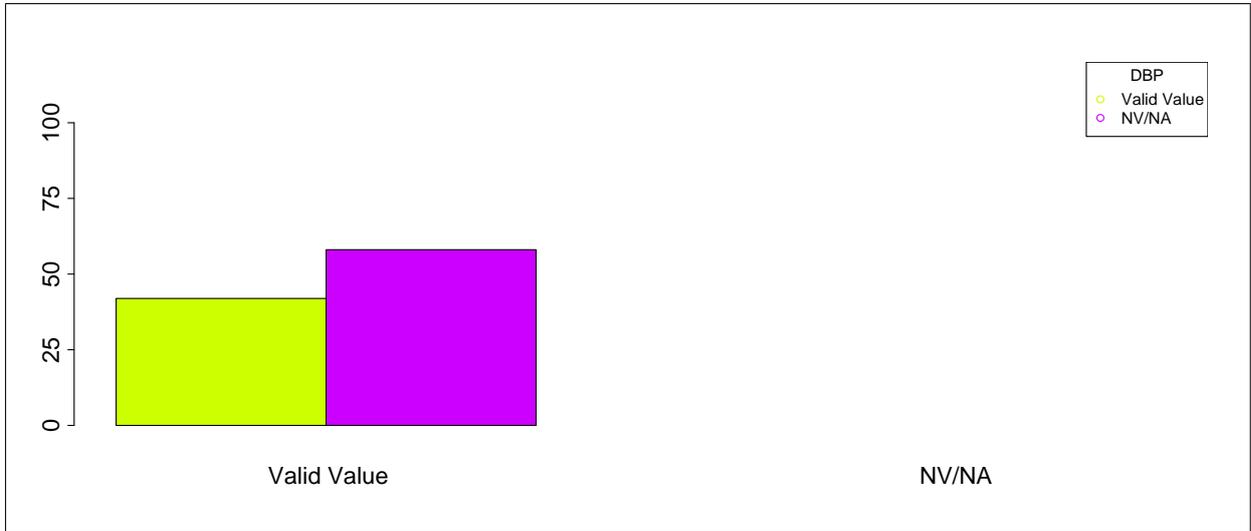


Barplot: 2.2.3.2.7 - Missing Data DBP (by Gender, Type of Diabetes = Type 1)

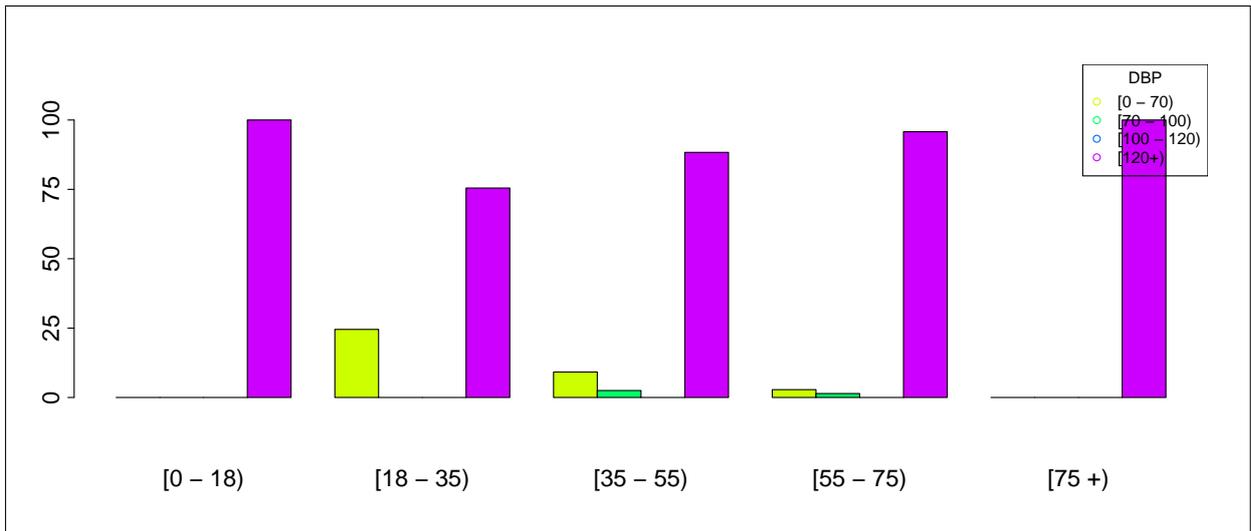


Barplot: 2.2.3.2.8 - DBP (by Gender, Type of Diabetes = Type 1)

2.2.3.2. Diastolic BP (last episode in 12 months)  
Type of Diabetes = Type 1



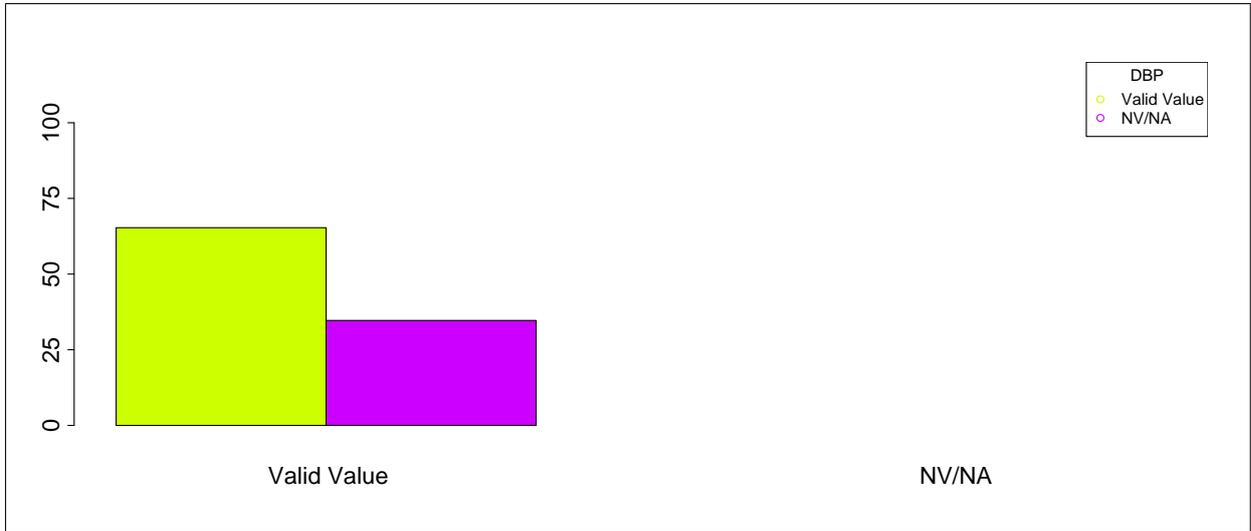
Barplot: 2.2.3.2.9 - Missing Data DBP (by Age, Type of Diabetes = Type 1)



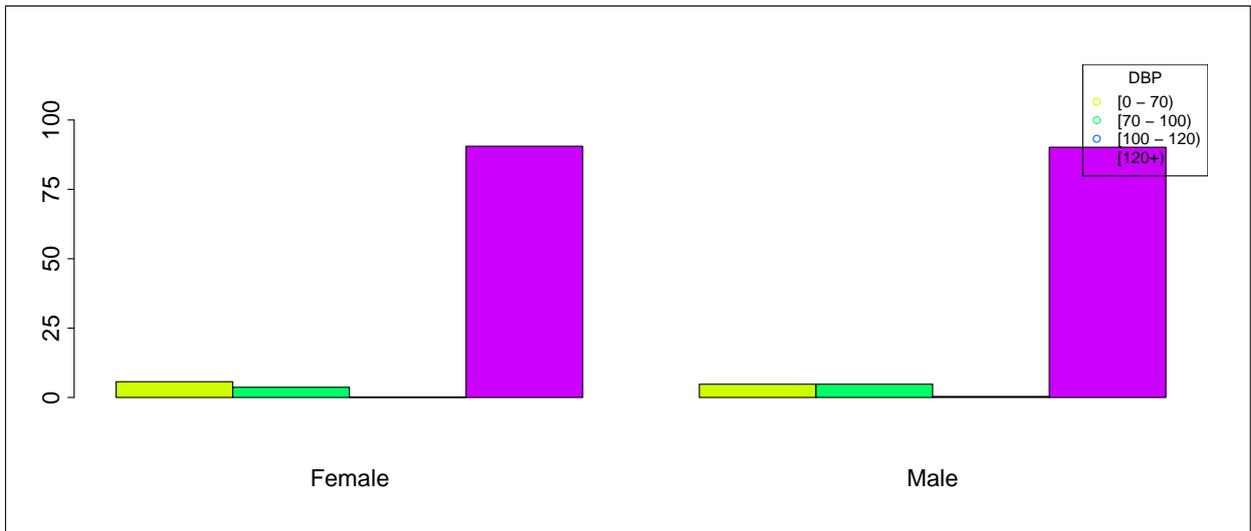
Barplot: 2.2.3.2.10 - DBP (by Age, Type of Diabetes = Type 1)

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 2**

---



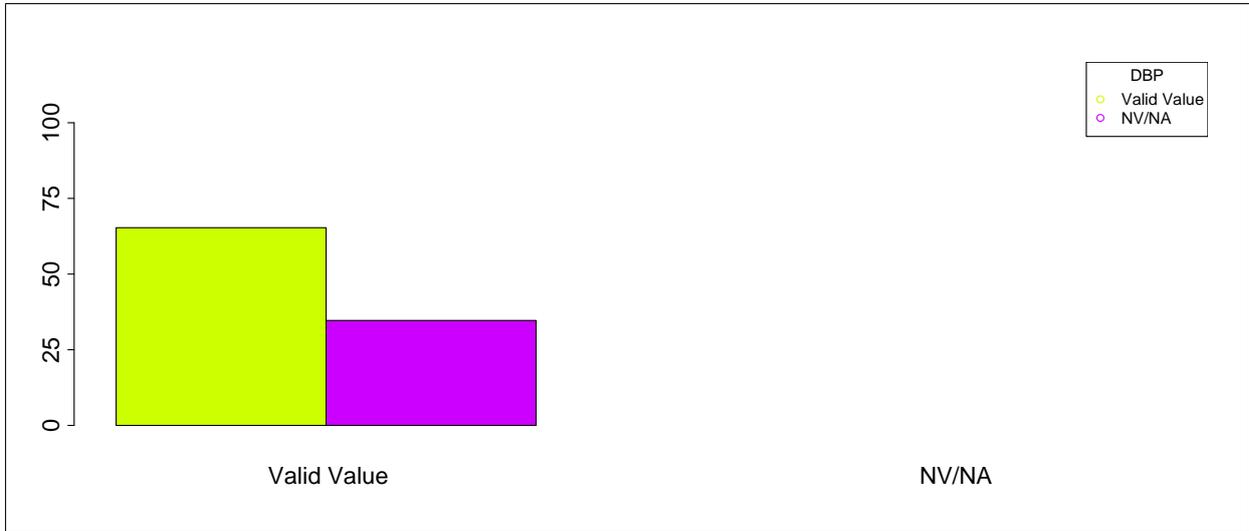
Barplot: 2.2.3.2.11 - Missing Data DBP (by Gender, Type of Diabetes = Type 2)



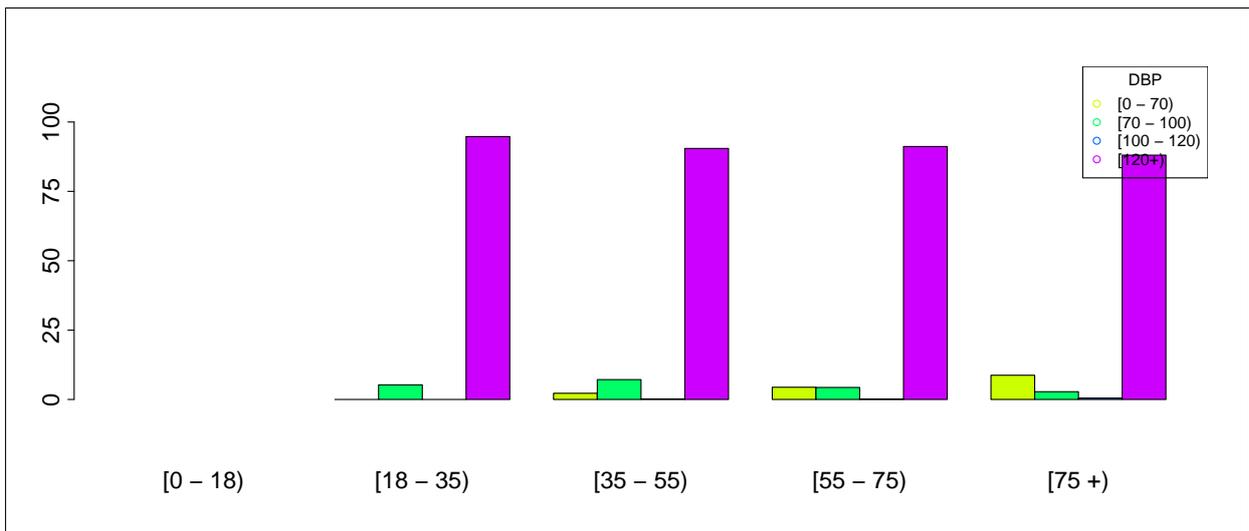
Barplot: 2.2.3.2.12 - DBP (by Gender, Type of Diabetes = Type 2)

2.2.3.2. Diastolic BP (last episode in 12 months)  
Type of Diabetes = Type 2

---



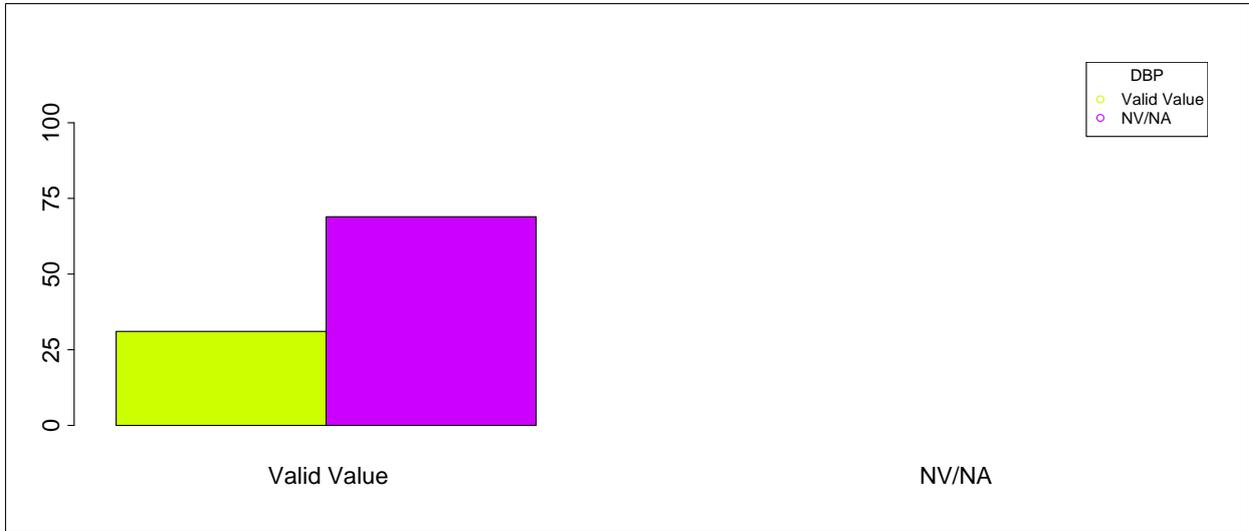
Barplot: 2.2.3.2.13 - Missing Data DBP (by Age, Type of Diabetes = Type 2)



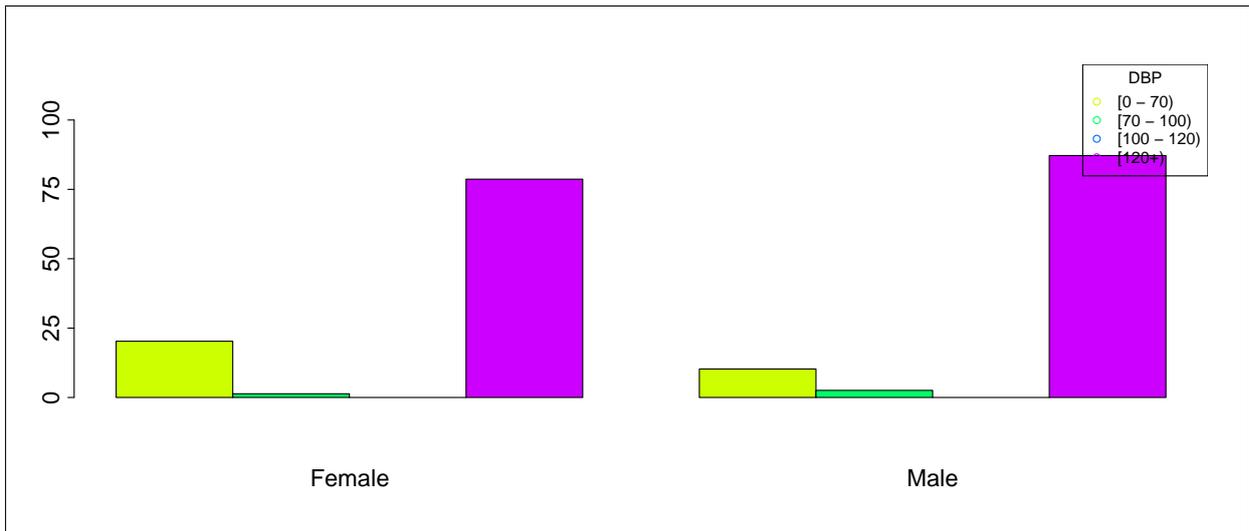
Barplot: 2.2.3.2.14 - DBP (by Age, Type of Diabetes = Type 2)

2.2.3.2. Diastolic BP (last episode in 12 months)  
Type of Diabetes = Other Type

---



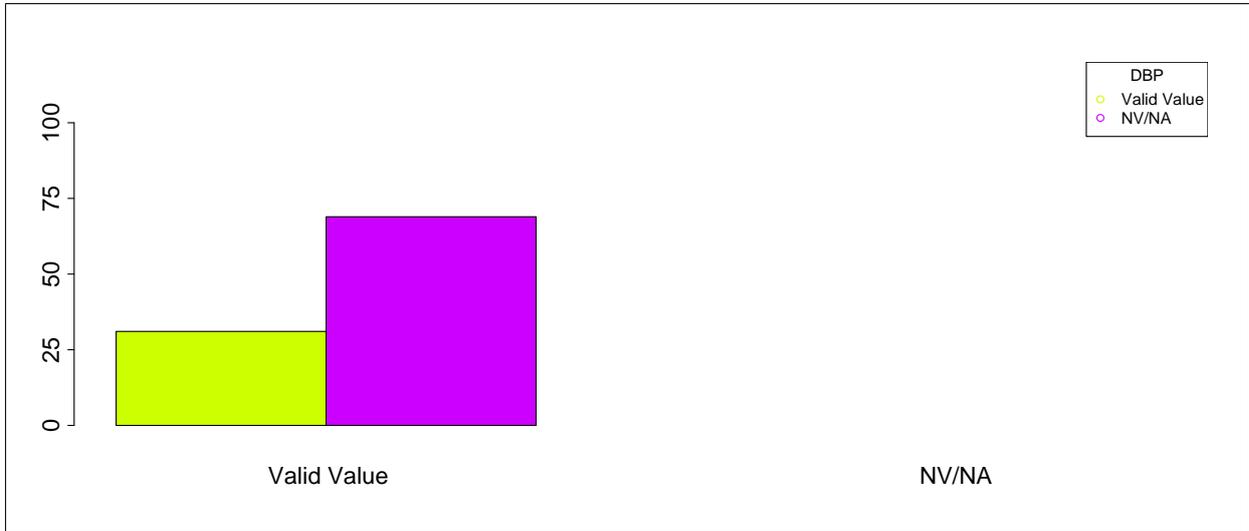
Barplot: 2.2.3.2.15 - Missing Data DBP (by Gender, Type of Diabetes = Other Type)



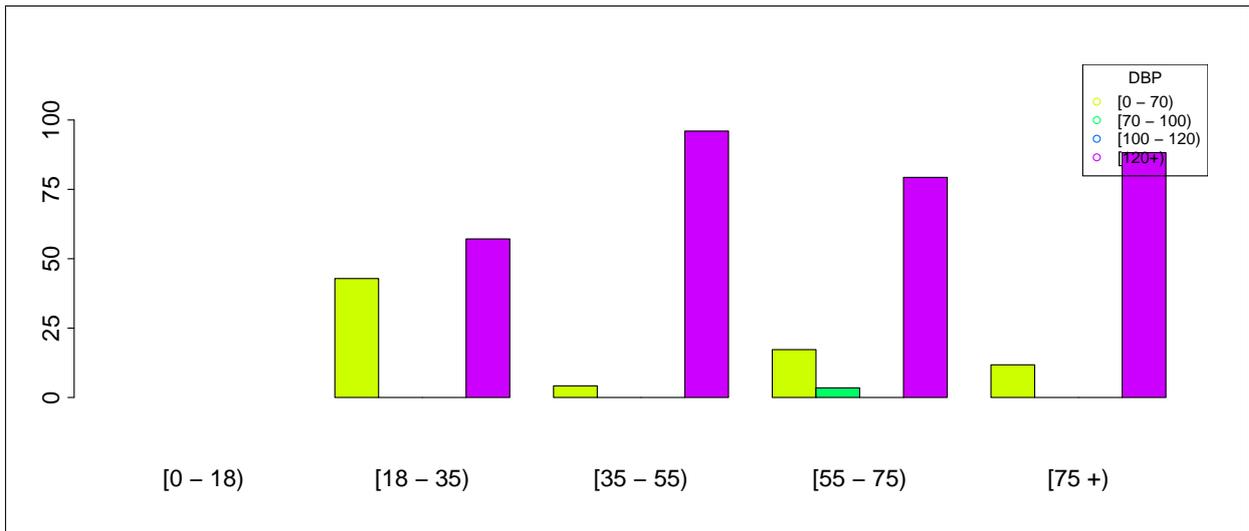
Barplot: 2.2.3.2.16 - DBP (by Gender, Type of Diabetes = Other Type)

2.2.3.2. Diastolic BP (last episode in 12 months)  
Type of Diabetes = Other Type

---

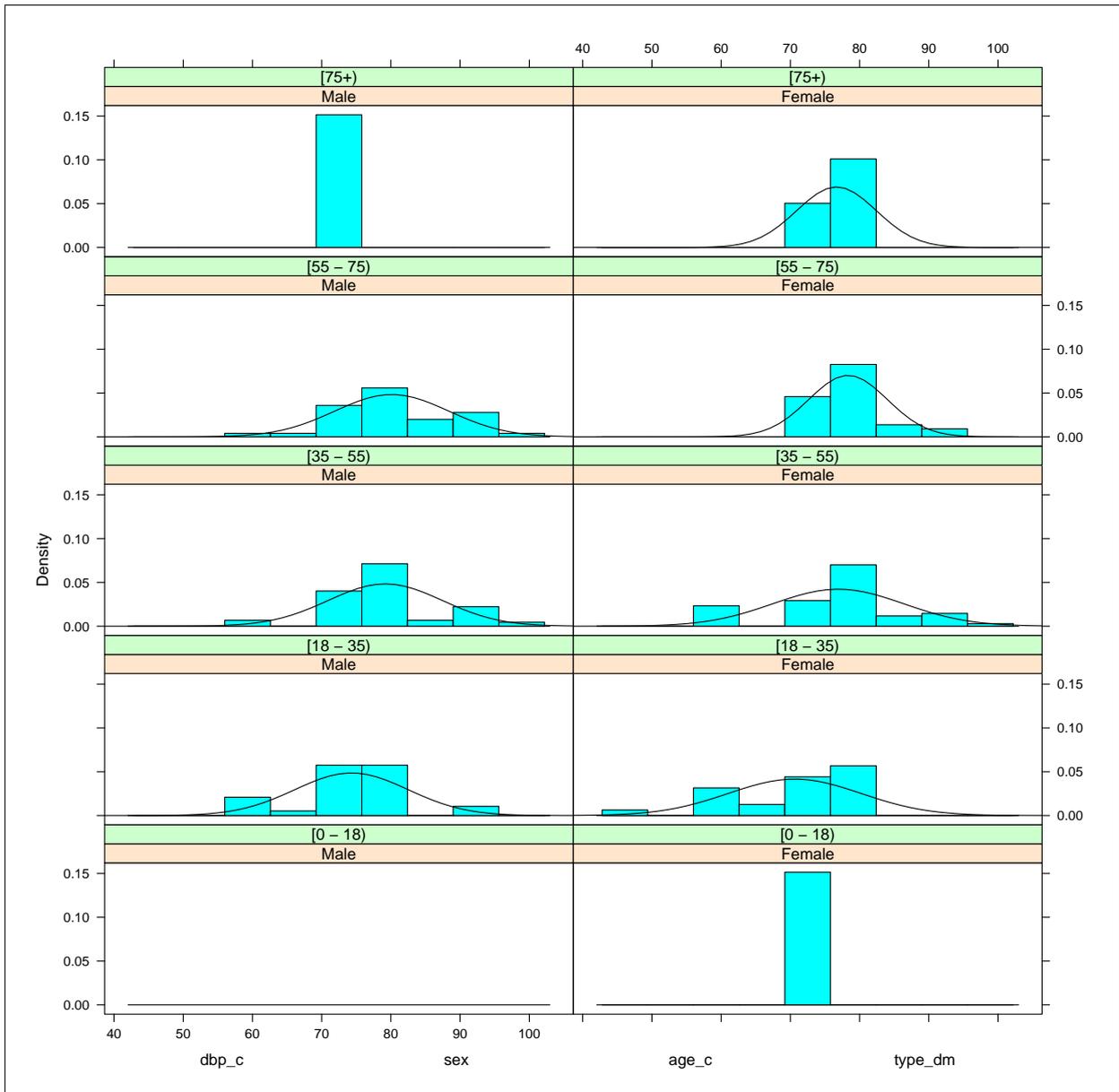


Barplot: 2.2.3.2.17 - Missing Data DBP (by Age, Type of Diabetes = Other Type)



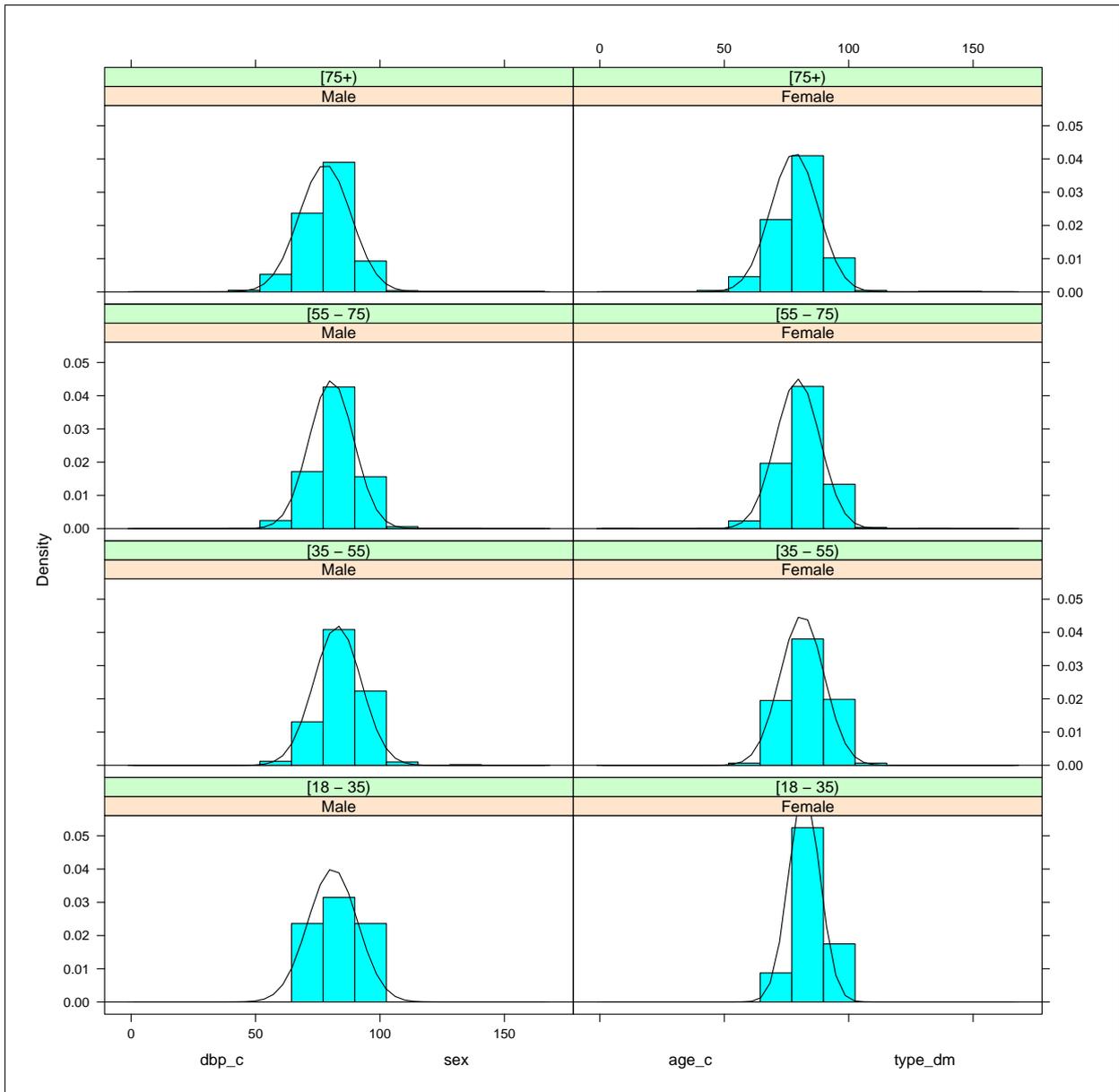
Barplot: 2.2.3.2.18 - DBP (by Age, Type of Diabetes = Other Type)

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 1**



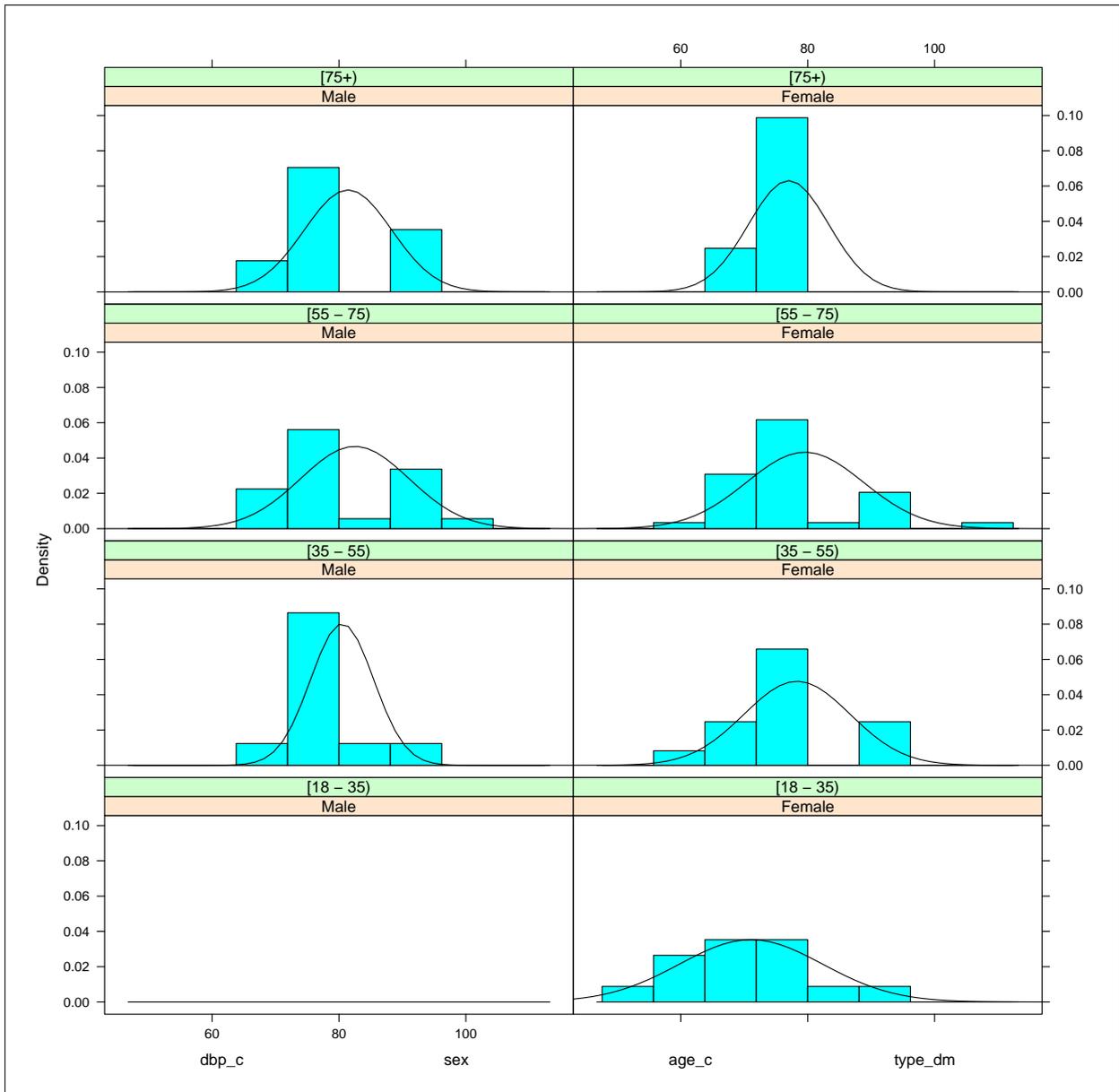
Trellis Barplot: 2.2.3.2.19 - \* DBP \* Gender (Type of Diabetes = Type 1)

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 2**



Trellis Barplot: 2.2.3.2.20 - \* DBP \* Gender (Type of Diabetes = Type 2)

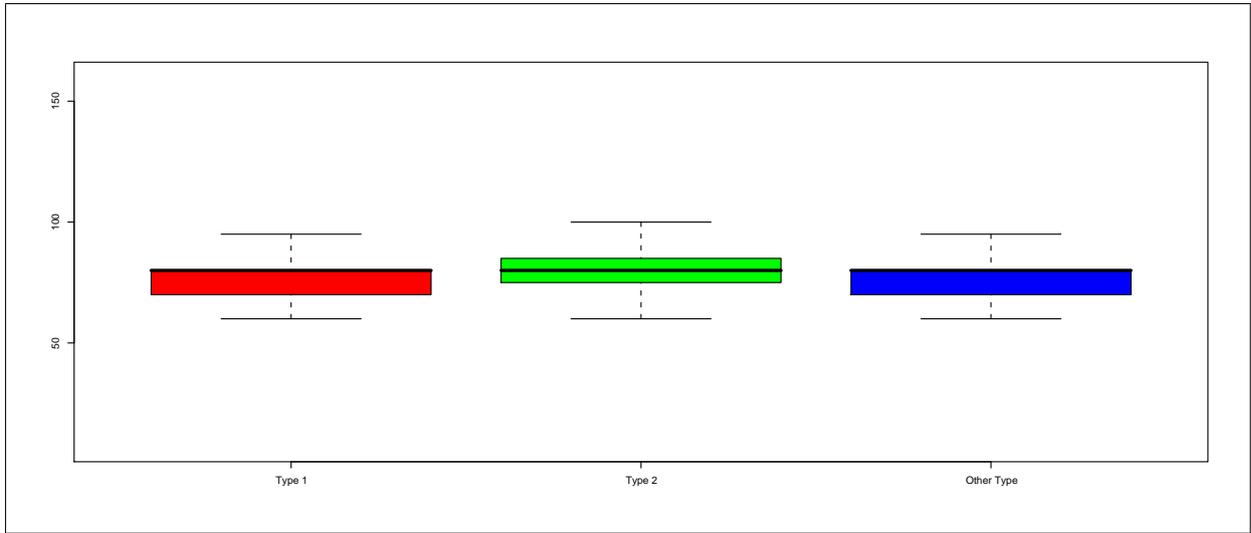
2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Other Type**



Trellis Barplot: 2.2.3.2.21 - \* DBP \* Gender (Type of Diabetes = Other Type)

2.2.3.2. Diastolic BP (last episode in 12 months)

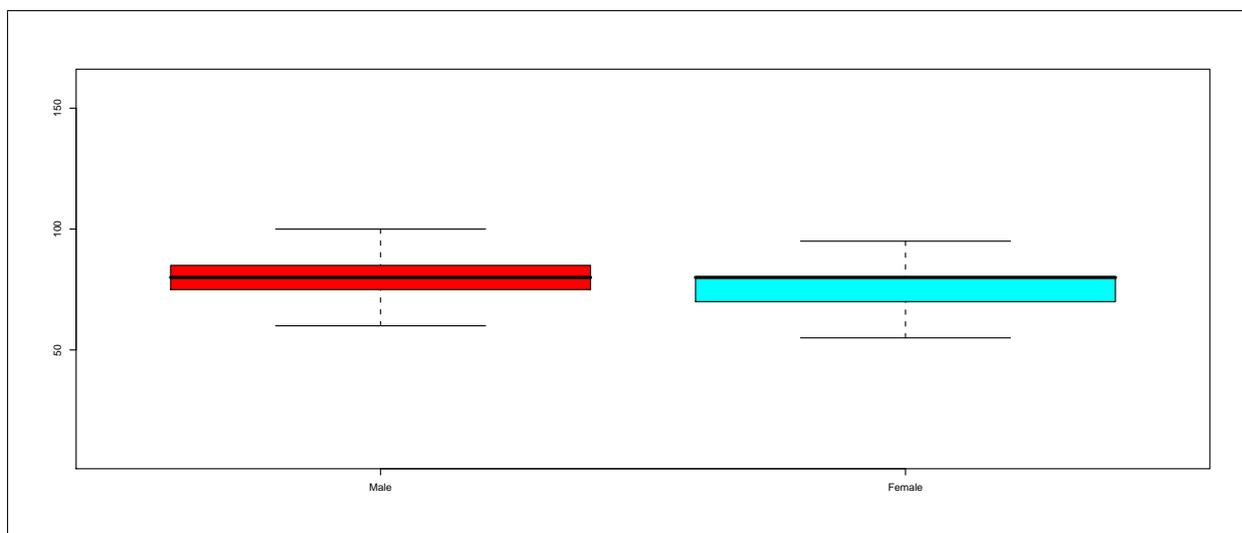
---



Boxplot: 2.2.3.2.1 - DBP (by Type of Diabetes)

2.2.3.2. Diastolic BP (last episode in 12 months)

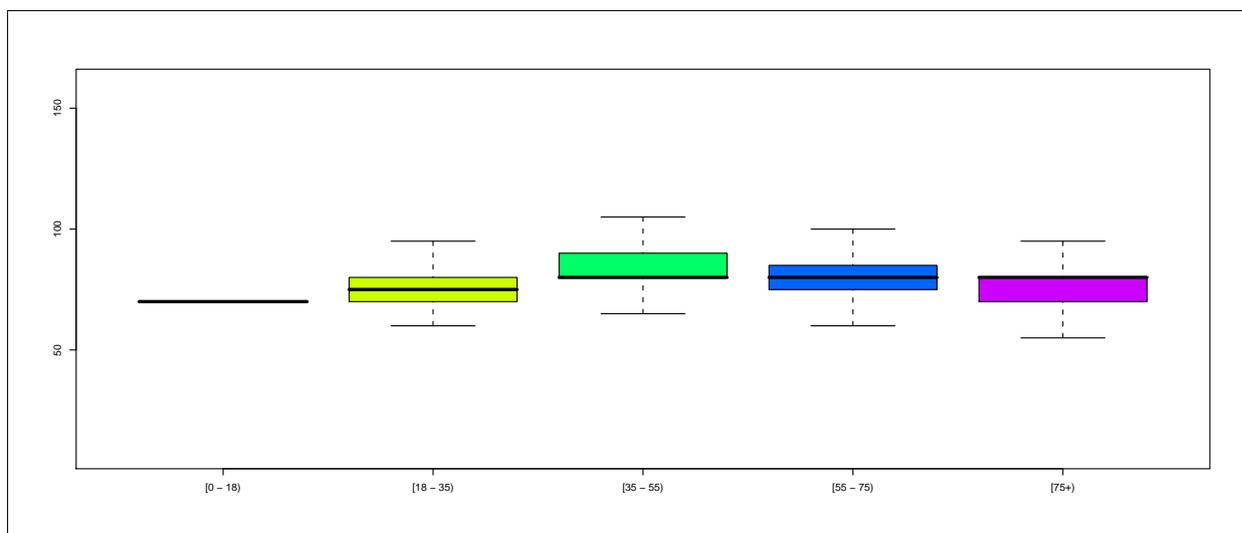
---



Boxplot: 2.2.3.2.2 - DBP (by Gender)

### 2.2.3.2. Diastolic BP (last episode in 12 months)

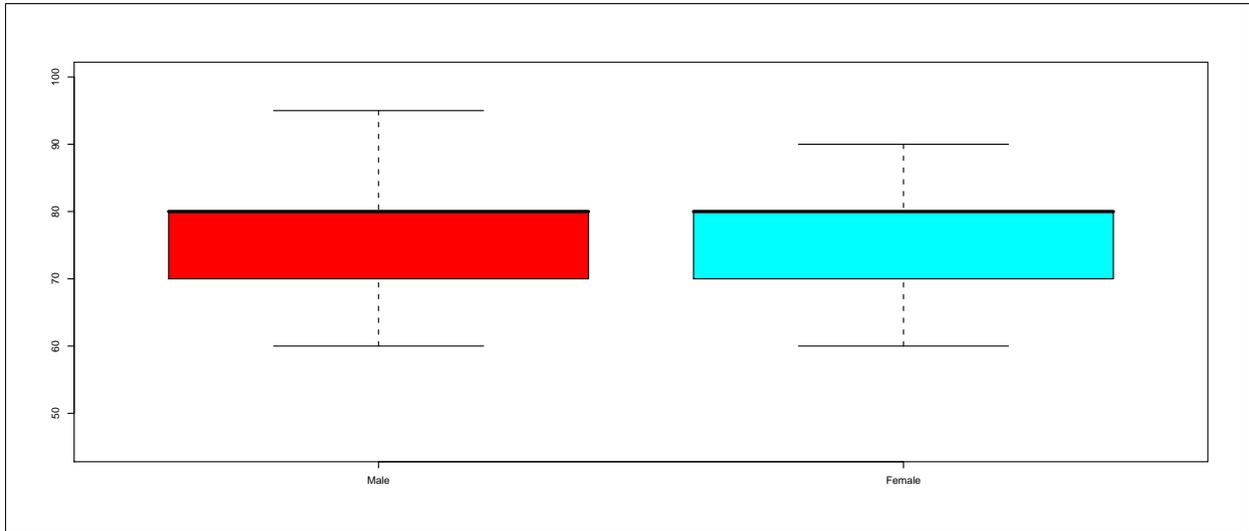
---



Boxplot: 2.2.3.2.3 - DBP (by Age)

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 1**

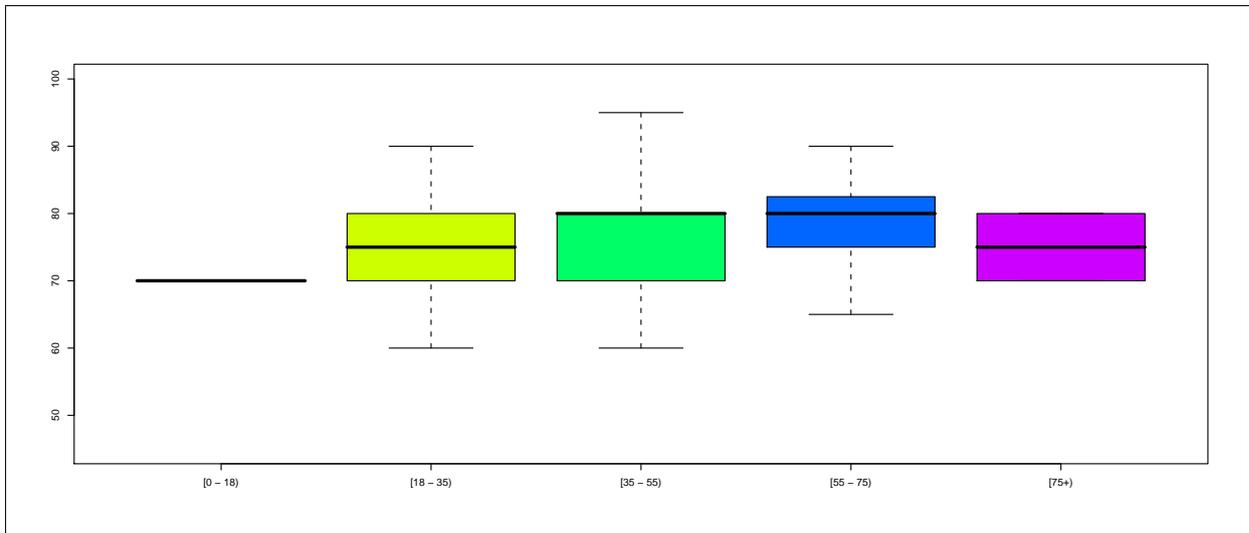
---



Boxplot: 2.2.3.2.4 - DBP (by Gender, Type of Diabetes = Type 1)

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 1**

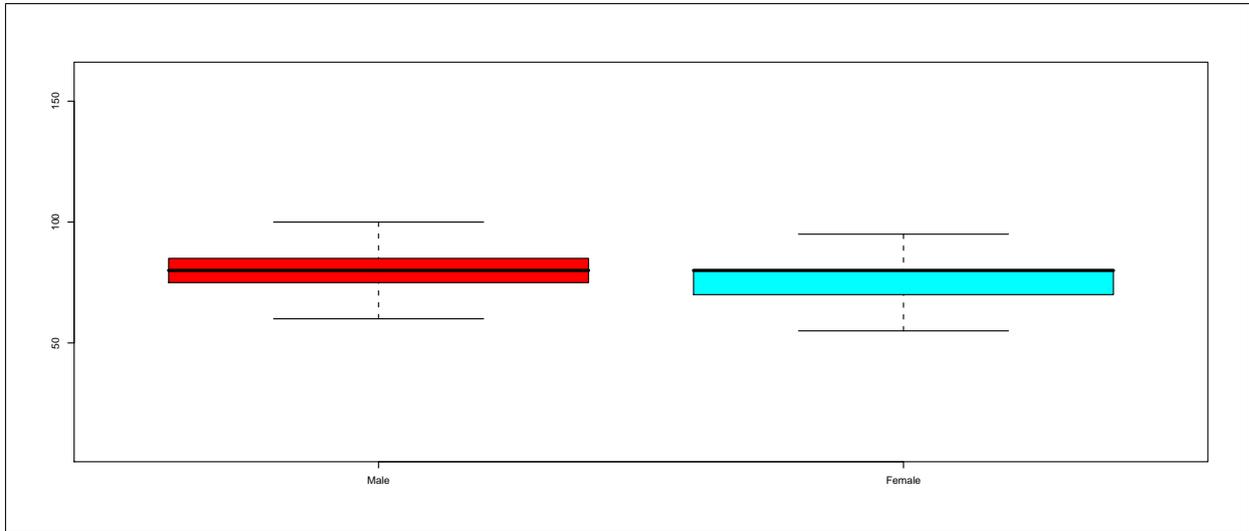
---



Boxplot: 2.2.3.2.5 - DBP (by Age, Type of Diabetes = Type 1)

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 2**

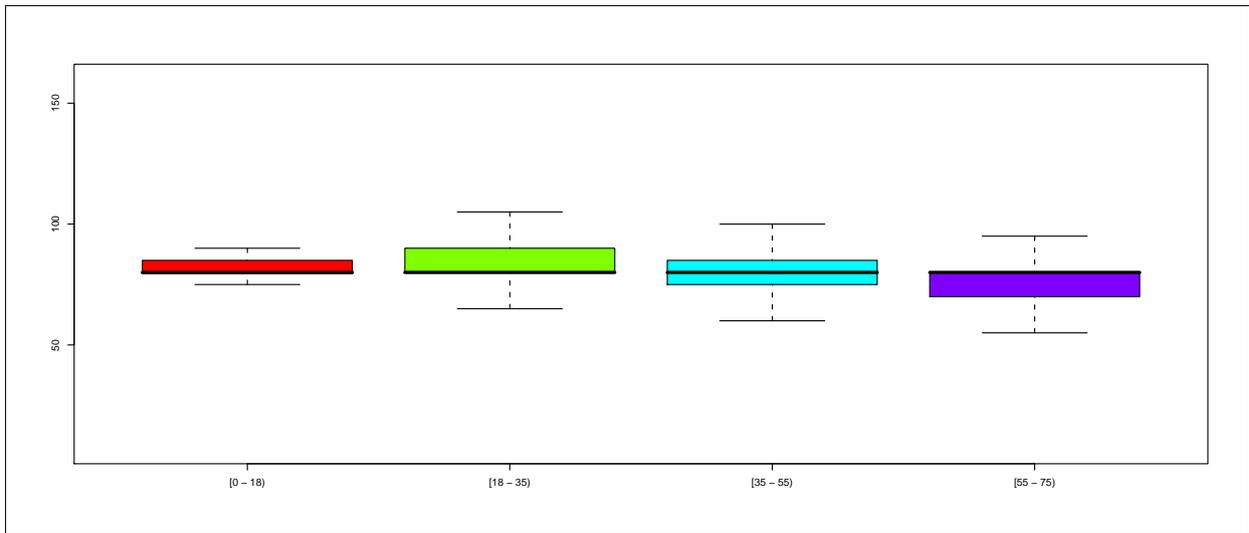
---



Boxplot: 2.2.3.2.6 - DBP (by Gender, Type of Diabetes = Type 2)

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 2**

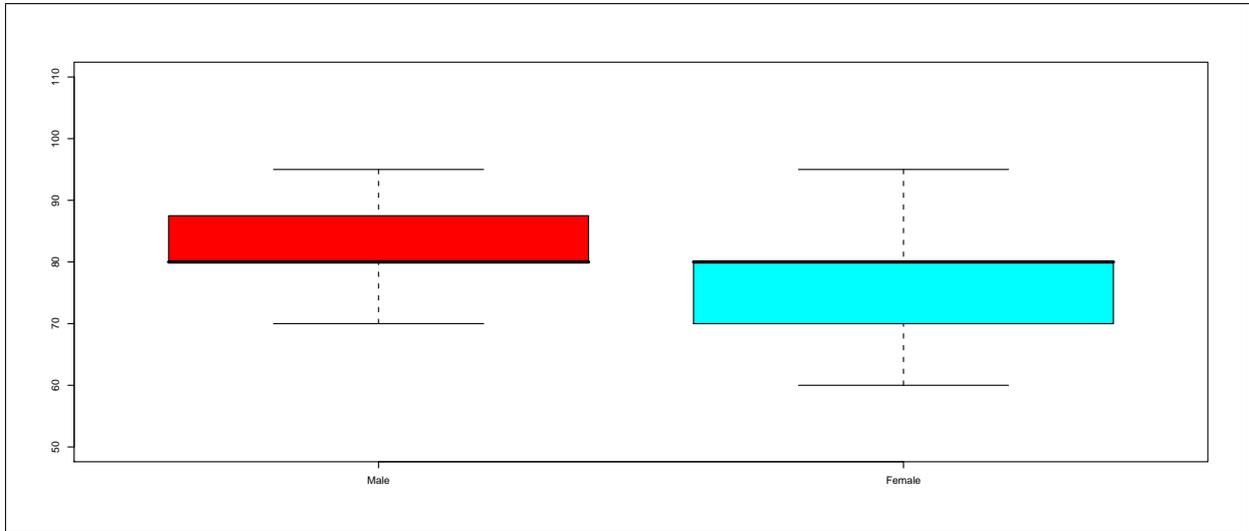
---



Boxplot: 2.2.3.2.7 - DBP (by Age, Type of Diabetes = Type 2)

2.2.3.2. Diastolic BP (last episode in 12 months)  
Type of Diabetes = Other Type

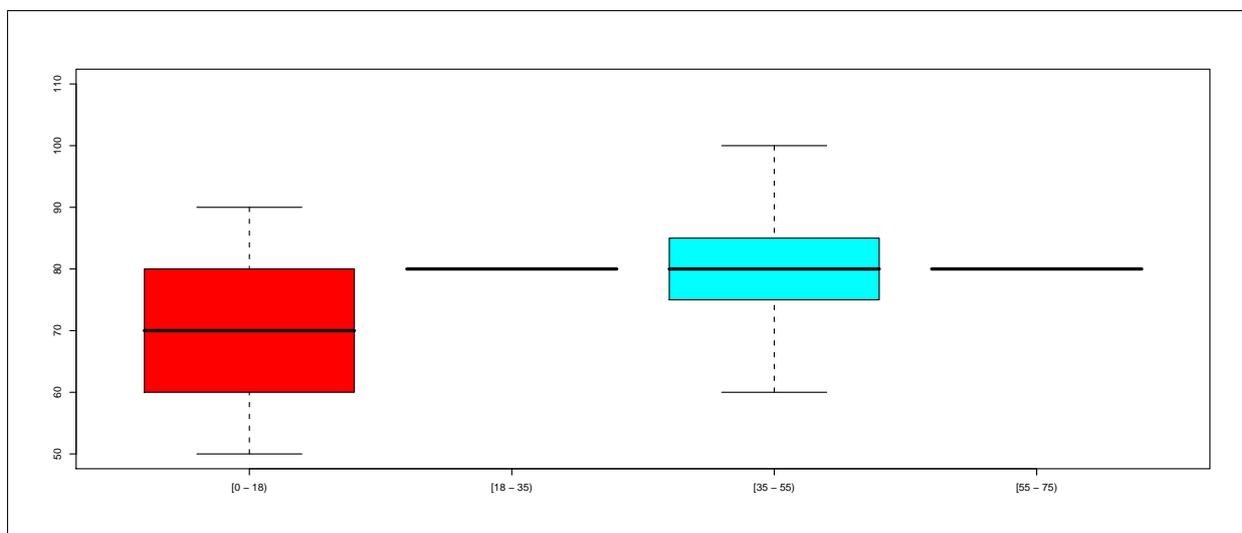
---



Boxplot: 2.2.3.2.8 - DBP (by Gender, Type of Diabetes = Other Type)

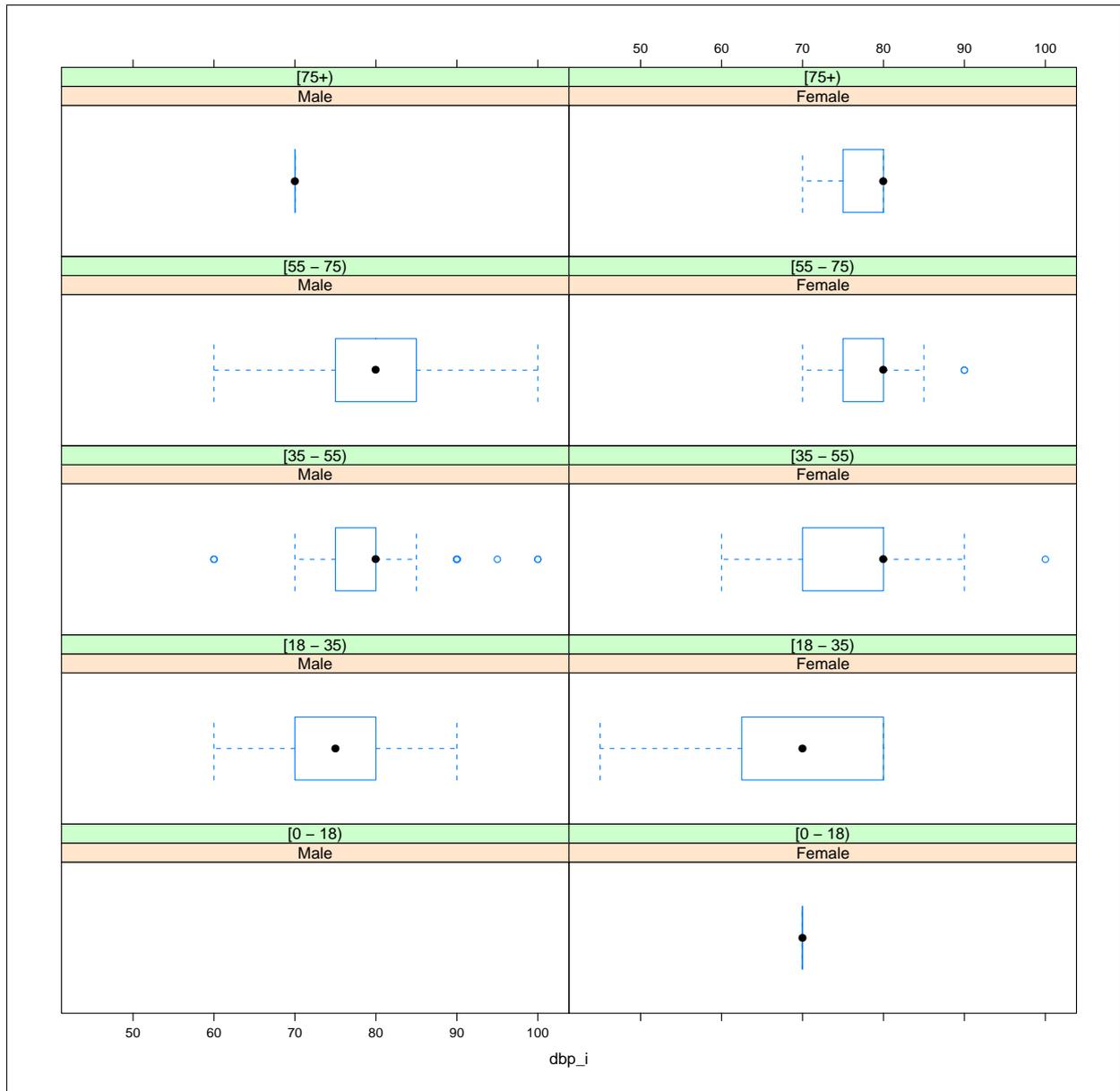
2.2.3.2. Diastolic BP (last episode in 12 months)  
Type of Diabetes = Other Type

---



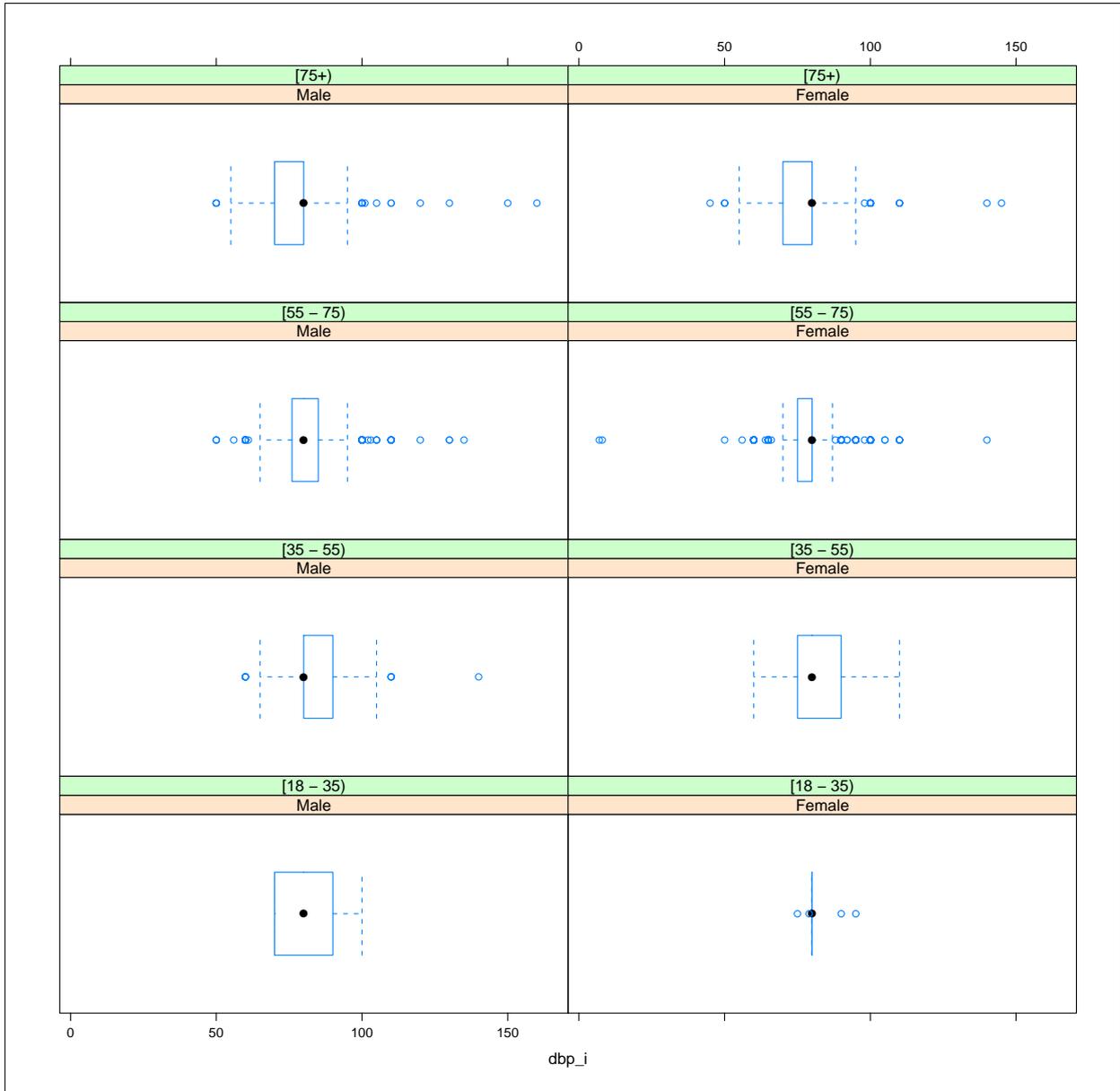
Boxplot: 2.2.3.2.9 - DBP (by Age, Type of Diabetes = Other Type)

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 1**



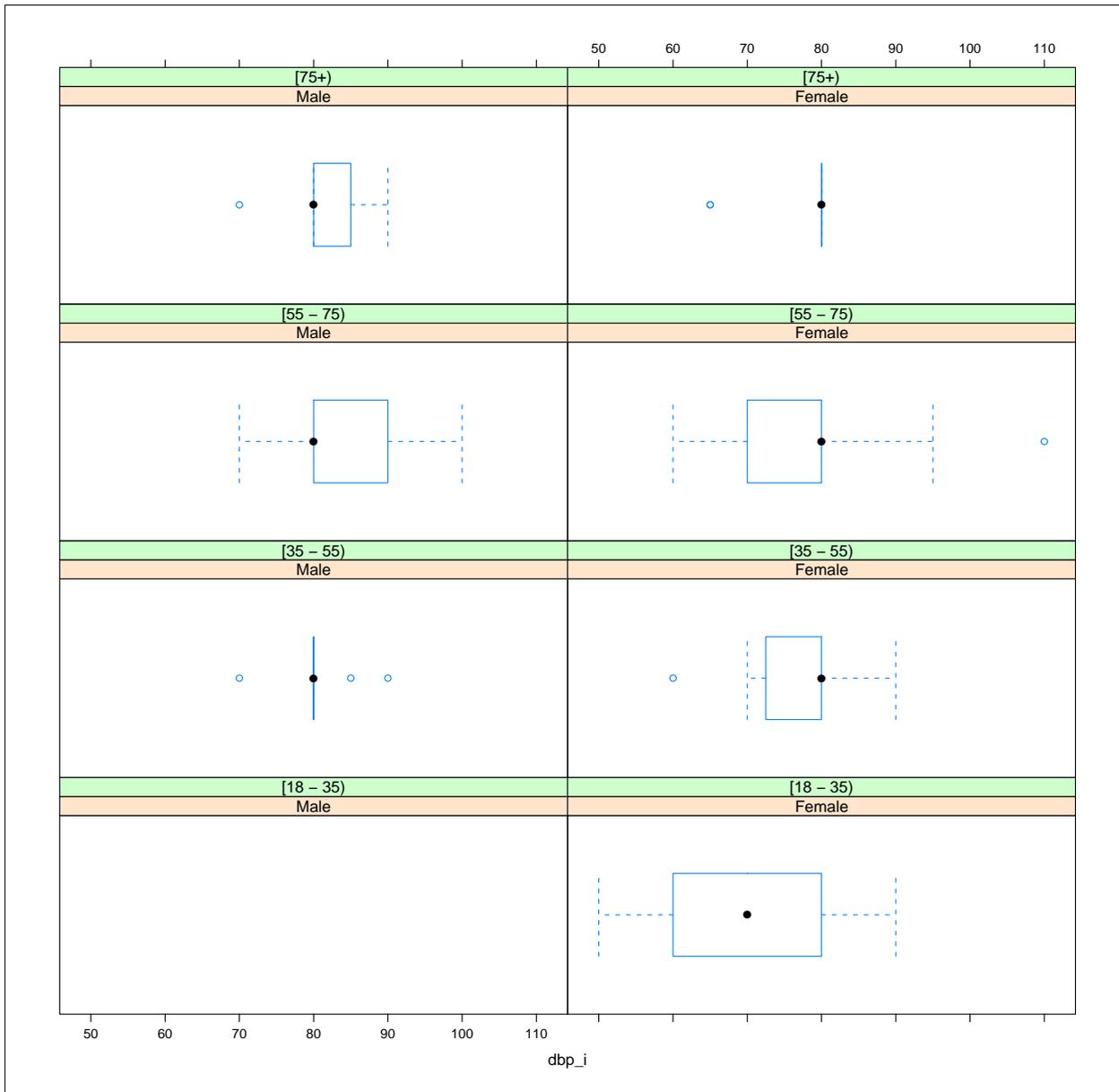
Trellis Boxplot: 2.2.3.2.10 - DBP \* Gender \* Age (Type of Diabetes = Type 1)

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Type 2**



Trellis Boxplot: 2.2.3.2.11 - DBP \* Gender \* Age (Type of Diabetes = Type 2)

2.2.3.2. Diastolic BP (last episode in 12 months)  
**Type of Diabetes = Other Type**



Trellis Boxplot: 2.2.3.2.12 - DBP \* Gender \* Age (Type of Diabetes = Other Type)

### 2.2.3.3 Total cholesterol (last episode in 12 months)

Cholesterol	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	7324 ( 75.2)	0( 0.0)		7324 ( 75.2)
NV/NA	2415 ( 24.8)	0( 0.0)		2415 ( 24.8)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.3.1: Missing Data Cholesterol (by Type of Diabetes)

Cholesterol	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
0 - 2.58	3 ( 0.7)	52 ( 0.8)	1( 0.5)	56 ( 0.8)
2.59 - 5.17	255 ( 62.7)	4047 ( 60.4)	79( 35.9)	4381 ( 59.8)
5.18 - 7.76	147 ( 36.1)	2554 ( 38.1)	126( 57.3)	2827 ( 38.6)
7.77 +	2 ( 0.5)	44 ( 0.7)	14( 6.4)	60 ( 0.8)
TOTAL	407( 5.6)	6697( 91.4)	220( 3.0)	7324 (100.0)

Table 2.2.3.3.2: Cholesterol (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	128.4163	0	6

2.2.3.3 Total cholesterol (last episode in 12 months)

Cholesterol	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	7324 ( 75.2)	0( 0.0)		7324 ( 75.2)
NV/NA	2415 ( 24.8)	0( 0.0)		2415 ( 24.8)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.3.3: Missing Data Cholesterol (by Gender)

Cholesterol	Gender			N ( % )
	Male ( % )	Female ( % )		
0 - 2.58	49 ( 1.3)	7( 0.2)		56 ( 0.8)
2.59 - 5.17	2555 ( 66.2)	1826( 52.7)		4381 ( 59.8)
5.18 - 7.76	1238 ( 32.1)	1589( 45.9)		2827 ( 38.6)
7.77 +	19 ( 0.5)	41( 1.2)		60 ( 0.8)
TOTAL	3861( 52.7)	3463( 47.3)		7324 (100.0)

Table 2.2.3.3.4: Cholesterol (by Gender)

	CMH Chi-Square	p.value	df
Value	183.3661	0	3

2.2.3.3 Total cholesterol (last episode in 12 months)

Cholesterol	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	7324 ( 75.2)	0( 0.0)		7324 ( 75.2)
NV/NA	2415 ( 24.8)	0( 0.0)		2415 ( 24.8)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.3.5: Missing Data Cholesterol (by Age)

Cholesterol	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
0 - 2.58	0 ( 0.0)	0 ( 0.0)	9 ( 0.9)	35 ( 0.8)	12( 0.7)	56 ( 0.8)
2.59 - 5.17	1 ( 33.3)	79 ( 59.8)	543 ( 53.5)	2716 ( 60.3)	1042( 62.3)	4381 ( 59.8)
5.18 - 7.76	2 ( 66.7)	51 ( 38.6)	444 ( 43.7)	1721 ( 38.2)	609( 36.4)	2827 ( 38.6)
7.77 +	0 ( 0.0)	2 ( 1.5)	19 ( 1.9)	29 ( 0.6)	10( 0.6)	60 ( 0.8)
TOTAL	3( 0.0)	132( 1.8)	1015( 13.9)	4501( 61.5)	1673( 22.8)	7324 (100.0)

Table 2.2.3.3.6: Cholesterol (by Age)

CMH Chi-Square	
Value	One or more cells have 0 obs

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**

Cholesterol	Gender		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	407 ( 61.2)	0( 0.0)	407 ( 61.2)
NV/NA	258 ( 38.8)	0( 0.0)	258 ( 38.8)
<b>TOTAL</b>	<b>665(100.0)</b>	<b>0( 0.0)</b>	<b>665 (100.0)</b>

Table 2.2.3.3.7: Missing Data Cholesterol (by Gender, Type of Diabetes = Type 1)

Cholesterol	Gender		N ( % )
	Male ( % )	Female ( % )	
0 - 2.58	3 ( 1.5)	0( 0.0)	3 ( 0.7)
2.59 - 5.17	125 ( 62.2)	130( 63.1)	255 ( 62.7)
5.18 - 7.76	73 ( 36.3)	74( 35.9)	147 ( 36.1)
7.77 +	0 ( 0.0)	2( 1.0)	2 ( 0.5)
<b>TOTAL</b>	<b>201( 49.4)</b>	<b>206( 50.6)</b>	<b>407 (100.0)</b>

Table 2.2.3.3.8: Cholesterol (by Gender, Type of Diabetes = Type 1)

CMH Chi-Square	
Value	One or more cells have 0 obs

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**

Cholesterol	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	407 ( 61.2)	0( 0.0)		407 ( 61.2)
NV/NA	258 ( 38.8)	0( 0.0)		258 ( 38.8)
<b>TOTAL</b>	<b>665(100.0)</b>	<b>0( 0.0)</b>		<b>665 (100.0)</b>

Table 2.2.3.3.9: Missing Data Cholesterol (by Age, Type of Diabetes = Type 1)

Cholesterol	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
0 - 2.58	0 ( 0.0)	0 ( 0.0)	3 ( 1.5)	0 ( 0.0)	0 ( 0.0)	3 ( 0.7)
2.59 - 5.17	0 ( 0.0)	64 ( 68.8)	123 ( 61.2)	62 ( 59.0)	6 ( 85.7)	255 ( 62.7)
5.18 - 7.76	1 (100.0)	27 ( 29.0)	75 ( 37.3)	43 ( 41.0)	1 ( 14.3)	147 ( 36.1)
7.77 +	0 ( 0.0)	2 ( 2.2)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	2 ( 0.5)
<b>TOTAL</b>	<b>1( 0.2)</b>	<b>93( 22.9)</b>	<b>201( 49.4)</b>	<b>105( 25.8)</b>	<b>7( 1.7)</b>	<b>407 (100.0)</b>

Table 2.2.3.3.10: Cholesterol (by Age, Type of Diabetes = Type 1)

=====  
 CMH Chi-Square  
 Value    One or more cells have 0 obs  
 =====

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**

Cholesterol	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	258( 38.8)	258 ( 38.8)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	407( 61.2)	407 ( 61.2)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	665(100.0)	665 (100.0)

Table 2.2.3.3.11: Missing Data Cholesterol (by Gender \* Age, Type of Diabetes = Type 1)

Cholesterol	Gender * Age										N ( % )
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 2.59)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	3 ( 2.9)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	3 ( 0.7)
[2.59 - 5.18)	0 ( 0.0)	0 ( 0.0)	36 ( 69.2)	28 ( 68.3)	64 ( 66.0)	59 ( 56.7)	28 ( 52.8)	34 ( 65.4)	2 ( 66.7)	4(100.0)	255 ( 62.7)
[5.18 - 7.77)	1 (100.0)	0 ( 0.0)	14 ( 26.9)	13 ( 31.7)	33 ( 34.0)	42 ( 40.4)	25 ( 47.2)	18 ( 34.6)	1 ( 33.3)	0( 0.0)	147 ( 36.1)
[7.77+)	0 ( 0.0)	0 ( 0.0)	2 ( 3.8)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0( 0.0)	2 ( 0.5)
TOTAL	1( 0.2)	0( 0.0)	52( 12.8)	41( 10.1)	97( 23.8)	104( 25.6)	53( 13.0)	52( 12.8)	3( 0.7)	4( 1.0)	407 (100.0)

Table 2.2.3.3.12: Cholesterol (by Gender \* Age, Type of Diabetes = Type 1)

=====  
 CMH Chi-Square  
 =====  
 Value    One or more cells have 0 obs  
 =====

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 2**

Cholesterol	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6697 ( 76.9)	0( 0.0)		6697 ( 76.9)
NV/NA	2010 ( 23.1)	0( 0.0)		2010 ( 23.1)
<b>TOTAL</b>	<b>8707(100.0)</b>	<b>0( 0.0)</b>		<b>8707 (100.0)</b>

Table 2.2.3.3.13: Missing Data Cholesterol (by Gender, Type of Diabetes = Type 2)

Cholesterol	Gender			N ( % )
	Male ( % )	Female ( % )		
0 - 2.58	46 ( 1.3)	6( 0.2)		52 ( 0.8)
2.59 - 5.17	2392 ( 66.7)	1655( 53.2)		4047 ( 60.4)
5.18 - 7.76	1130 ( 31.5)	1424( 45.8)		2554 ( 38.1)
7.77 +	17 ( 0.5)	27( 0.9)		44 ( 0.7)
<b>TOTAL</b>	<b>3585( 53.5)</b>	<b>3112( 46.5)</b>		<b>6697 (100.0)</b>

Table 2.2.3.3.14: Cholesterol (by Gender, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	168.5339	0	3

2.2.3.3 Total cholesterol (last episode in 12 months)

**Type of Diabetes = Type 2**

Cholesterol	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6697 ( 76.9)	0( 0.0)		6697 ( 76.9)
NV/NA	2010 ( 23.1)	0( 0.0)		2010 ( 23.1)
<b>TOTAL</b>	<b>8707(100.0)</b>	<b>0( 0.0)</b>		<b>8707 (100.0)</b>

Table 2.2.3.3.15: Missing Data Cholesterol (by Age, Type of Diabetes = Type 2)

Cholesterol	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
0 - 2.58	0 ( 0.0)	0 ( 0.0)	6 ( 0.8)	34 ( 0.8)	12( 0.7)	52 ( 0.8)
2.59 - 5.17	0 ( 0.0)	10 ( 41.7)	406 ( 53.0)	2612 ( 61.0)	1019( 62.7)	4047 ( 60.4)
5.18 - 7.76	1 (100.0)	14 ( 58.3)	340 ( 44.4)	1614 ( 37.7)	585( 36.0)	2554 ( 38.1)
7.77 +	0 ( 0.0)	0 ( 0.0)	14 ( 1.8)	20 ( 0.5)	10( 0.6)	44 ( 0.7)
<b>TOTAL</b>	<b>1( 0.0)</b>	<b>24( 0.4)</b>	<b>766( 11.4)</b>	<b>4280( 63.9)</b>	<b>1626( 24.3)</b>	<b>6697 (100.0)</b>

Table 2.2.3.3.16: Cholesterol (by Age, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 2**

Cholesterol	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	2010( 23.1)	2010 ( 23.1)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	6697( 76.9)	6697 ( 76.9)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	8707(100.0)	8707 (100.0)

Table 2.2.3.3.17: Missing Data Cholesterol (by Gender \* Age, Type of Diabetes = Type 2)

Cholesterol	Gender * Age										
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 2.59)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 0.3)	5 ( 1.1)	4 ( 0.2)	30 ( 1.3)	1 ( 0.1)	11( 1.5)	52 ( 0.8)
[2.59 - 5.18)	0 ( 0.0)	0 ( 0.0)	6 ( 46.2)	4 ( 36.4)	133 ( 45.4)	273 ( 57.7)	1023 ( 53.8)	1589 ( 66.8)	493 ( 54.5)	526( 72.9)	4047 ( 60.4)
[5.18 - 7.77)	1 (100.0)	0 ( 0.0)	7 ( 53.8)	7 ( 63.6)	152 ( 51.9)	188 ( 39.7)	863 ( 45.4)	751 ( 31.6)	401 ( 44.4)	184( 25.5)	2554 ( 38.1)
[7.77+)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	7 ( 2.4)	7 ( 1.5)	11 ( 0.6)	9 ( 0.4)	9 ( 1.0)	1 ( 0.1)	44 ( 0.7)
TOTAL	1( 0.0)	0( 0.0)	13( 0.2)	11( 0.2)	293( 4.4)	473( 7.1)	1901( 28.4)	2379( 35.5)	904( 13.5)	722( 10.8)	6697 (100.0)

Table 2.2.3.3.18: Cholesterol (by Gender \* Age, Type of Diabetes = Type 2)

---

**CMH Chi-Square**


---

 Value    One or more cells have 0 obs

## 2.2.3.3 Total cholesterol (last episode in 12 months)

**Type of Diabetes = Other Type**

Cholesterol	Gender		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	220 ( 59.9)	0( 0.0)	220 ( 59.9)
NV/NA	147 ( 40.1)	0( 0.0)	147 ( 40.1)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>	<b>367 (100.0)</b>

Table 2.2.3.3.19: Missing Data Cholesterol (by Gender, Type of Diabetes = Other Type)

Cholesterol	Gender		N ( % )
	Male ( % )	Female ( % )	
0 - 2.58	0 ( 0.0)	1( 0.7)	1 ( 0.5)
2.59 - 5.17	38 ( 50.7)	41( 28.3)	79 ( 35.9)
5.18 - 7.76	35 ( 46.7)	91( 62.8)	126 ( 57.3)
7.77 +	2 ( 2.7)	12( 8.3)	14 ( 6.4)
<b>TOTAL</b>	<b>75( 34.1)</b>	<b>145( 65.9)</b>	<b>220 (100.0)</b>

Table 2.2.3.3.20: Cholesterol (by Gender, Type of Diabetes = Other Type)

CMH Chi-Square	
Value	One or more cells have 0 obs

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Other Type**

Cholesterol	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	220 ( 59.9)	0( 0.0)		220 ( 59.9)
NV/NA	147 ( 40.1)	0( 0.0)		147 ( 40.1)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>		<b>367 (100.0)</b>

Table 2.2.3.3.21: Missing Data Cholesterol (by Age, Type of Diabetes = Other Type)

Cholesterol	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
0 - 2.58	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 0.9)	0( 0.0)	1 ( 0.5)
2.59 - 5.17	1 (100.0)	5 ( 33.3)	14 ( 29.2)	42 ( 36.2)	17( 42.5)	79 ( 35.9)
5.18 - 7.76	0 ( 0.0)	10 ( 66.7)	29 ( 60.4)	64 ( 55.2)	23( 57.5)	126 ( 57.3)
7.77 +	0 ( 0.0)	0 ( 0.0)	5 ( 10.4)	9 ( 7.8)	0( 0.0)	14 ( 6.4)
<b>TOTAL</b>	<b>1( 0.5)</b>	<b>15( 6.8)</b>	<b>48( 21.8)</b>	<b>116( 52.7)</b>	<b>40( 18.2)</b>	<b>220 (100.0)</b>

Table 2.2.3.3.22: Cholesterol (by Age, Type of Diabetes = Other Type)

CMH Chi-Square  
 Value One or more cells have 0 obs

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Other Type**

Cholesterol	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	147( 40.1)	147 ( 40.1)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	220( 59.9)	220 ( 59.9)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	367(100.0)	367 (100.0)

Table 2.2.3.3.23: Missing Data Cholesterol (by Gender \* Age, Type of Diabetes = Other Type)

Cholesterol	Gender * Age										
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 2.59)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 1.4)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 0.5)
[2.59 - 5.18)	1 (100.0)	0 ( 0.0)	5 ( 33.3)	0 ( 0.0)	8 ( 23.5)	6 ( 42.9)	20 ( 27.4)	22 ( 51.2)	7 ( 31.8)	10( 55.6)	79 ( 35.9)
[5.18 - 7.77)	0 ( 0.0)	0 ( 0.0)	10 ( 66.7)	0 ( 0.0)	22 ( 64.7)	7 ( 50.0)	44 ( 60.3)	20 ( 46.5)	15 ( 68.2)	8( 44.4)	126 ( 57.3)
[7.77+)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	4 ( 11.8)	1 ( 7.1)	8 ( 11.0)	1 ( 2.3)	0 ( 0.0)	0( 0.0)	14 ( 6.4)
TOTAL	1( 0.5)	0( 0.0)	15( 6.8)	0( 0.0)	34( 15.5)	14( 6.4)	73( 33.2)	43( 19.5)	22( 10.0)	18( 8.2)	220 (100.0)

Table 2.2.3.3.24: Cholesterol (by Gender \* Age, Type of Diabetes = Other Type)

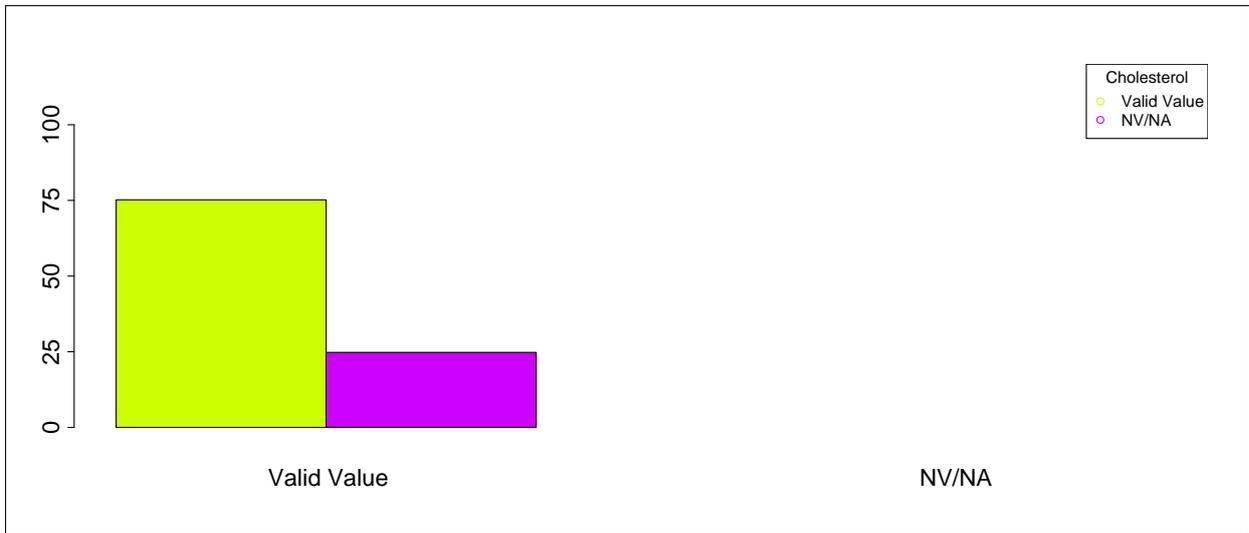
---

**CMH Chi-Square**

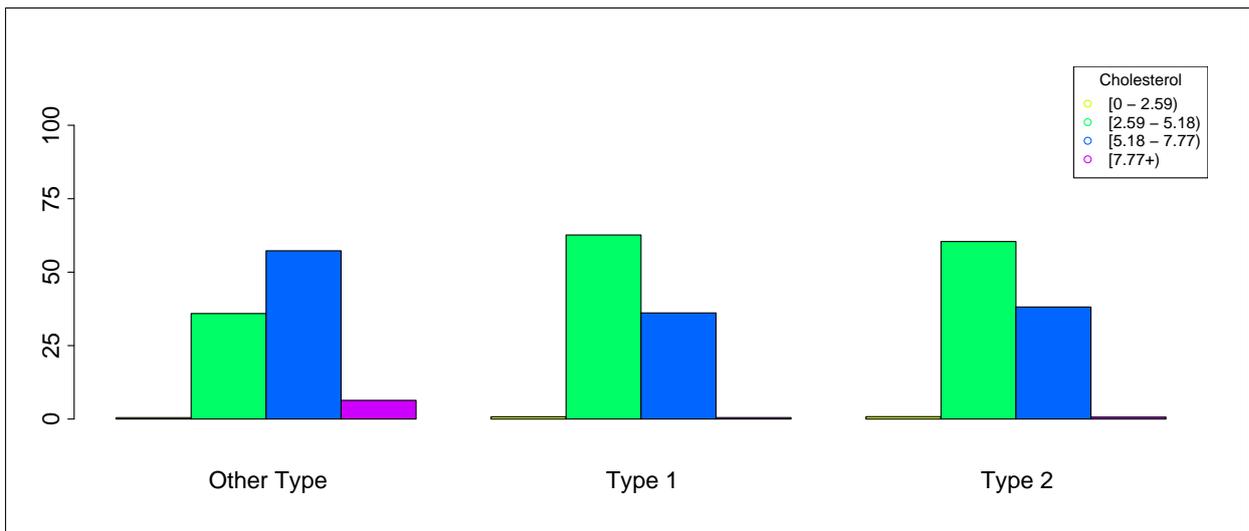

---

 Value    One or more cells have 0 obs

2.2.3.3 Total cholesterol (last episode in 12 months)

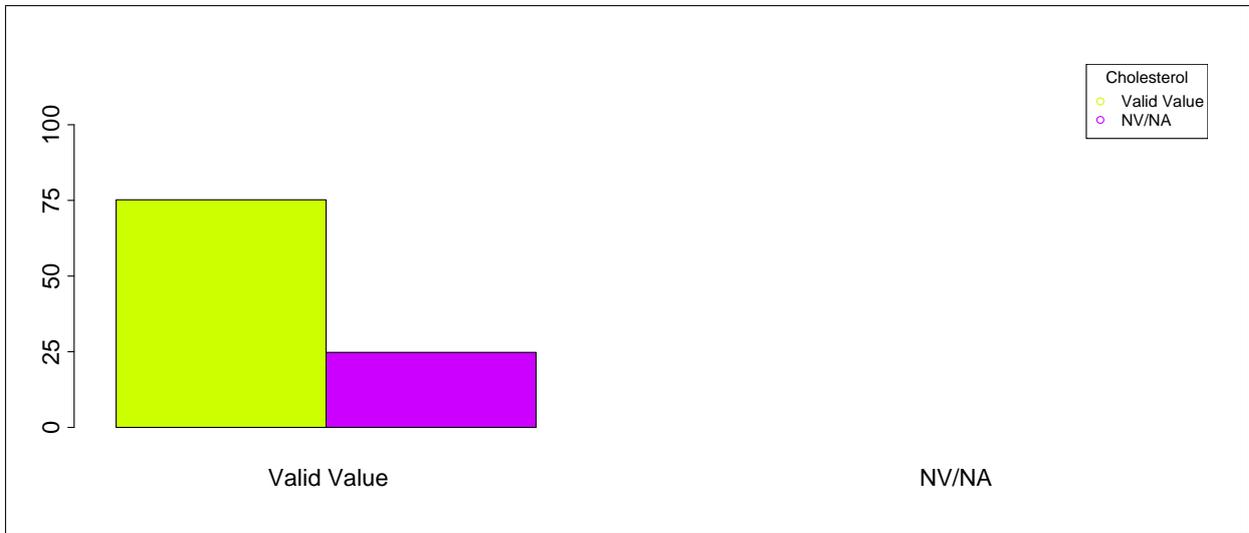


Barplot: 2.2.3.3.1 - Missing Data Cholesterol (by Type of Diabetes)

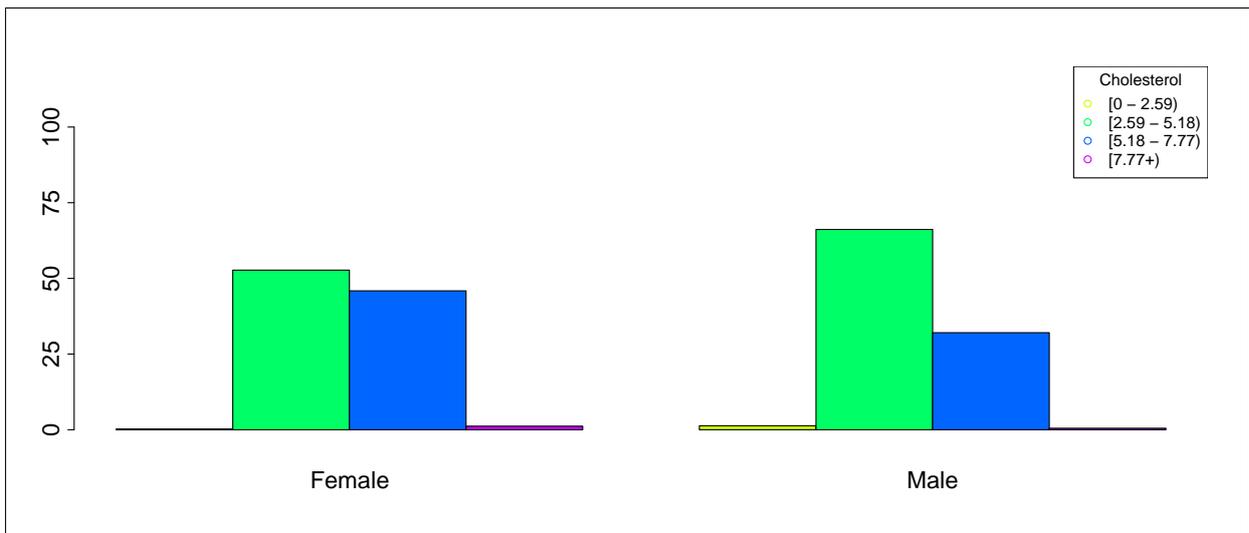


Barplot: 2.2.3.3.2 - Cholesterol (by Type of Diabetes)

2.2.3.3 Total cholesterol (last episode in 12 months)

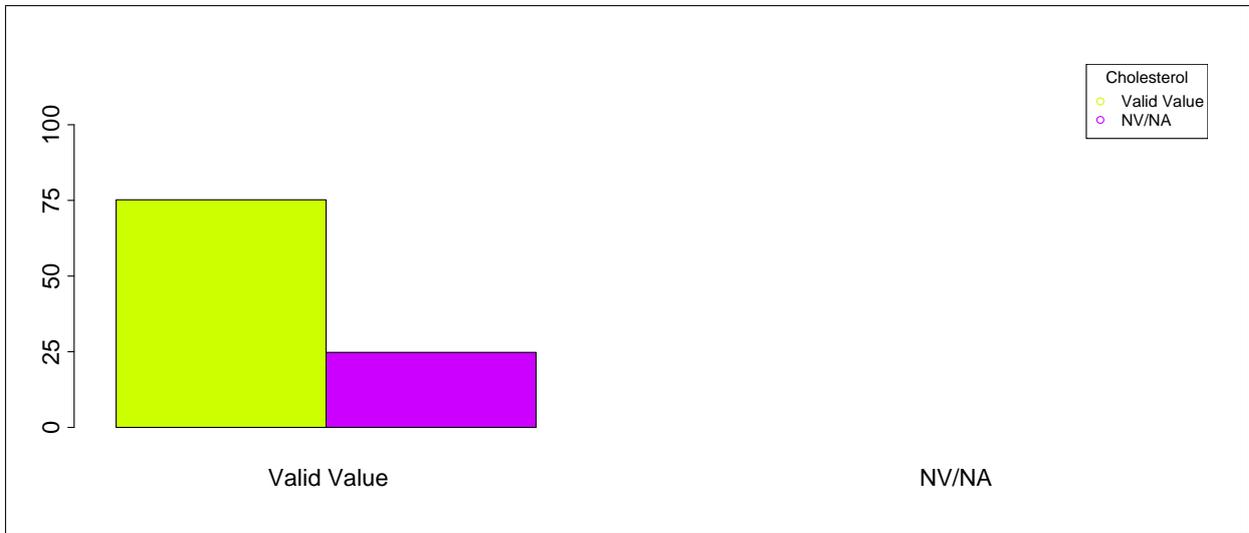


Barplot: 2.2.3.3.3 - Missing Data Cholesterol (by Gender)

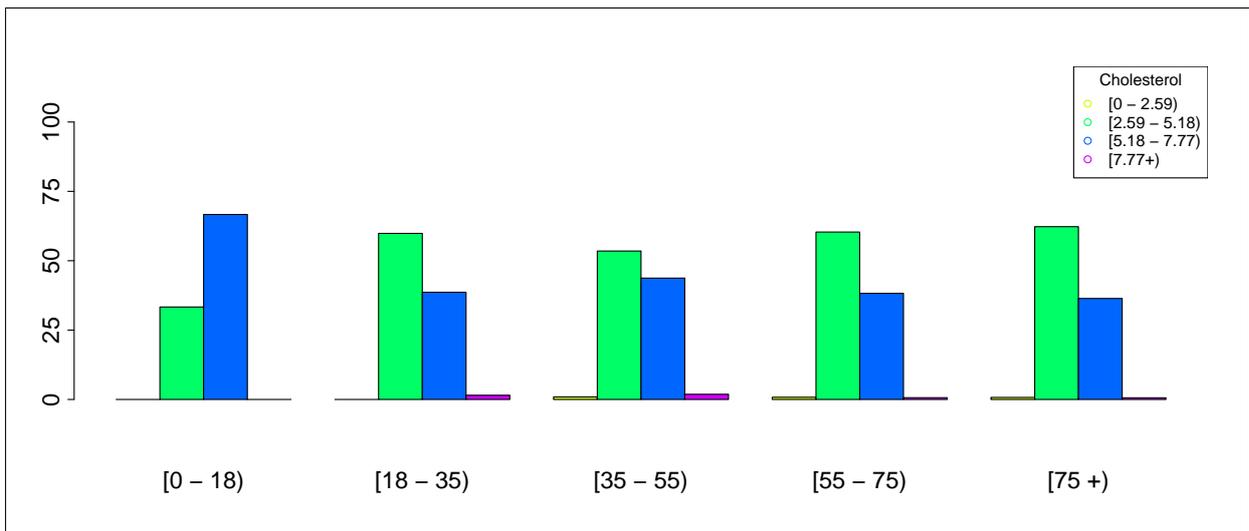


Barplot: 2.2.3.3.4 - Cholesterol (by Gender)

### 2.2.3.3 Total cholesterol (last episode in 12 months)



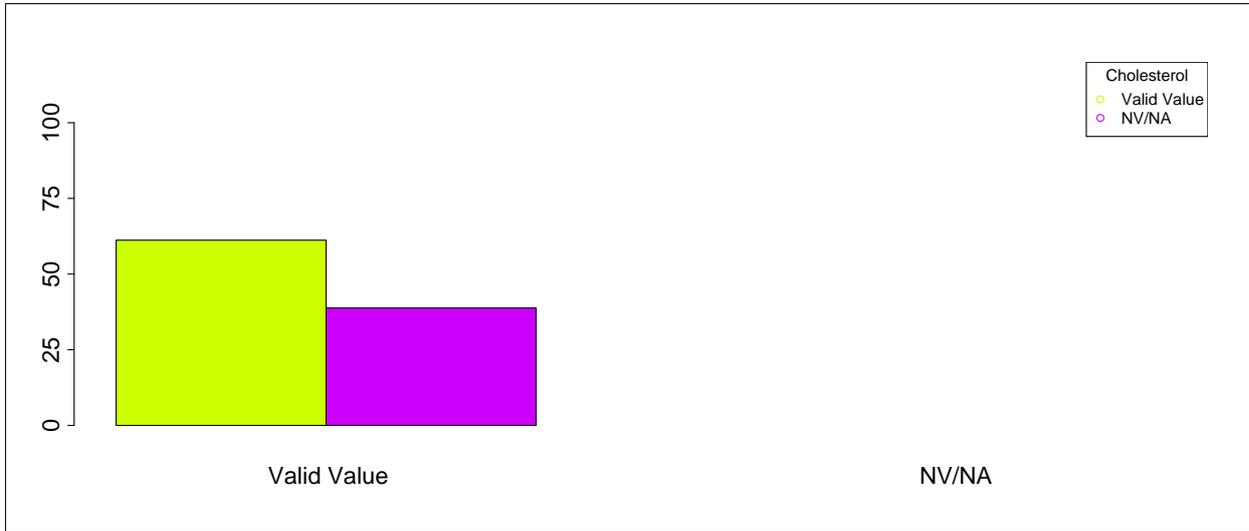
Barplot: 2.2.3.3.5 - Missing Data Cholesterol (by Age)



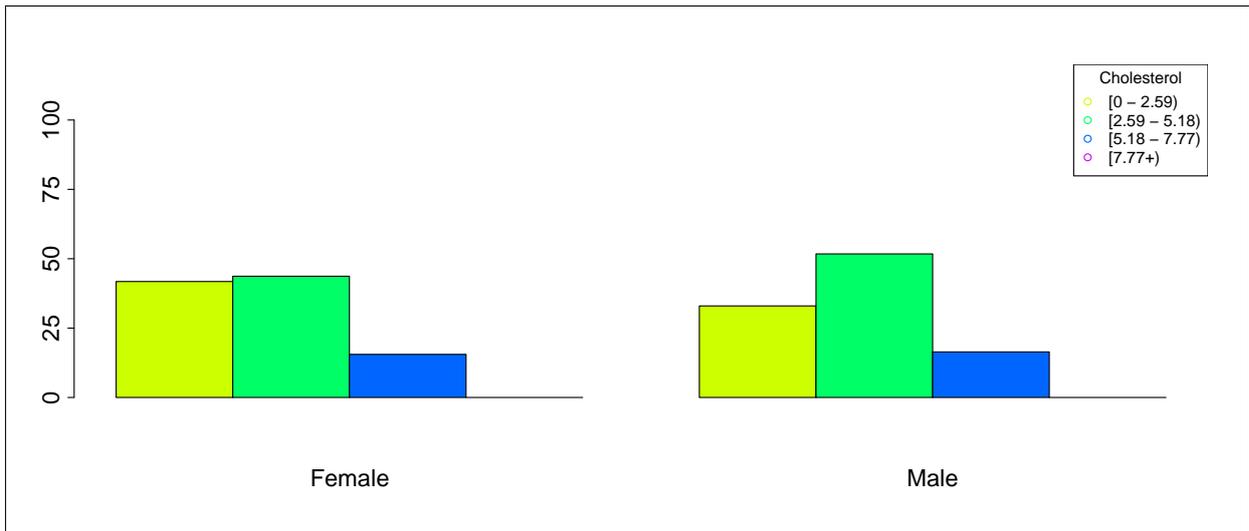
Barplot: 2.2.3.3.6 - Cholesterol (by Age)

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**

---

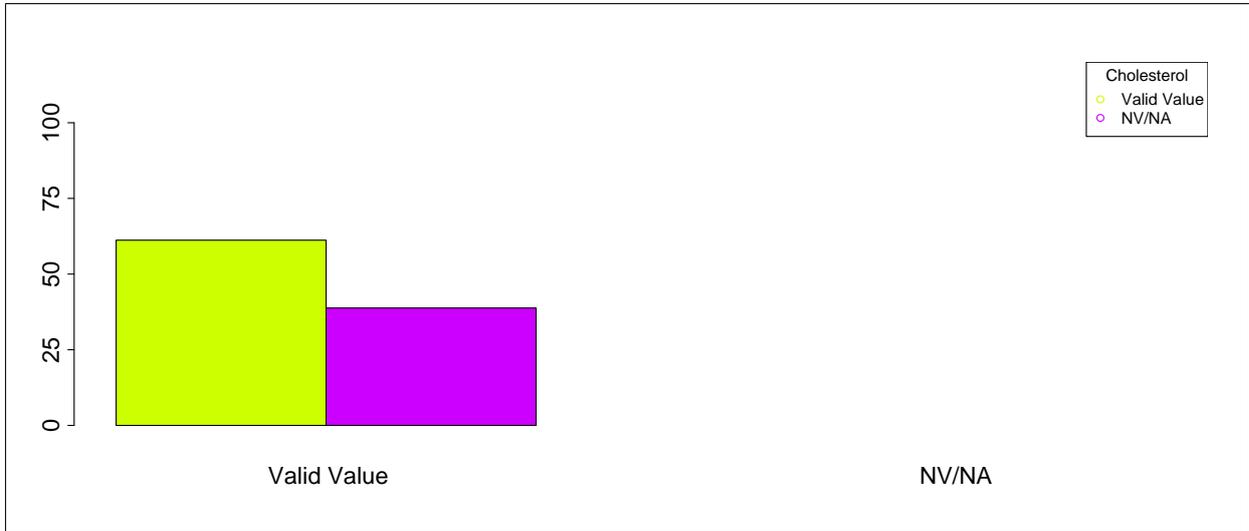


Barplot: 2.2.3.3.7 - Missing Data Cholesterol (by Gender, Type of Diabetes = Type 1)

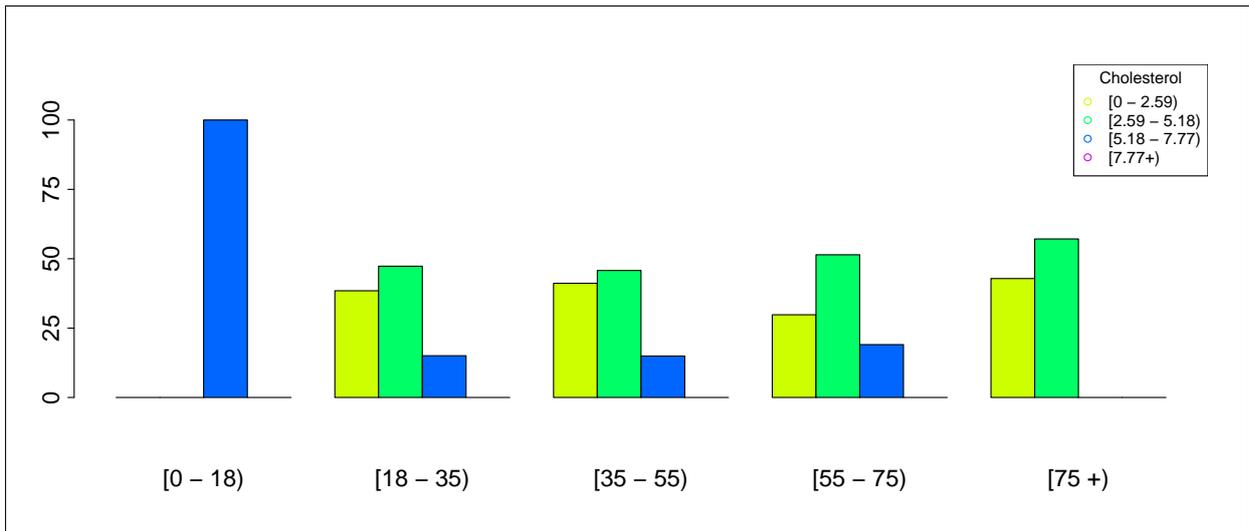


Barplot: 2.2.3.3.8 - Cholesterol (by Gender, Type of Diabetes = Type 1)

2.2.3.3 Total cholesterol (last episode in 12 months)  
Type of Diabetes = Type 1



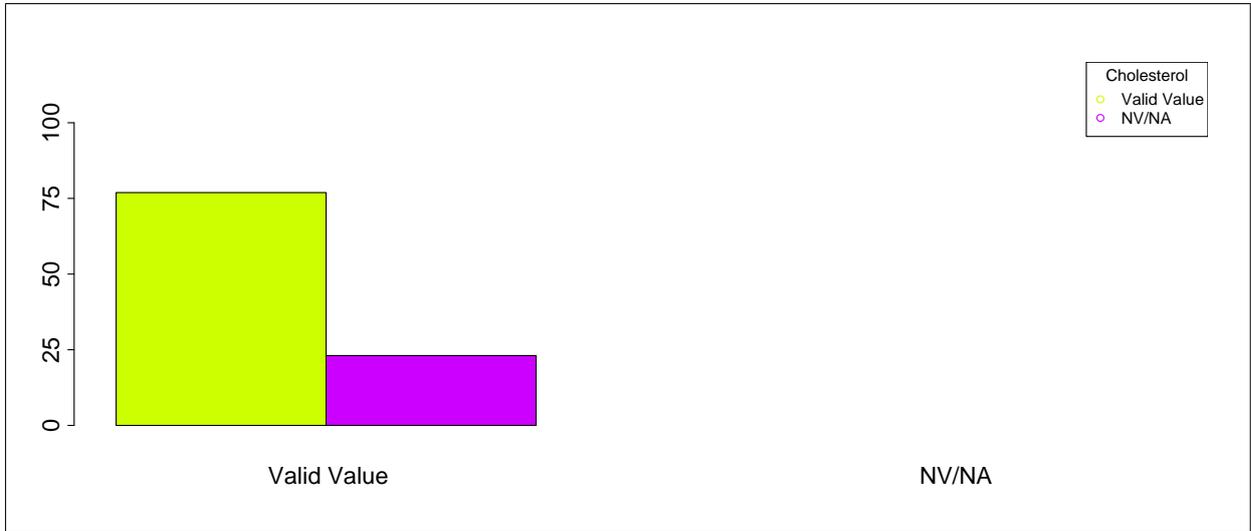
Barplot: 2.2.3.3.9 - Missing Data Cholesterol (by Age, Type of Diabetes = Type 1)



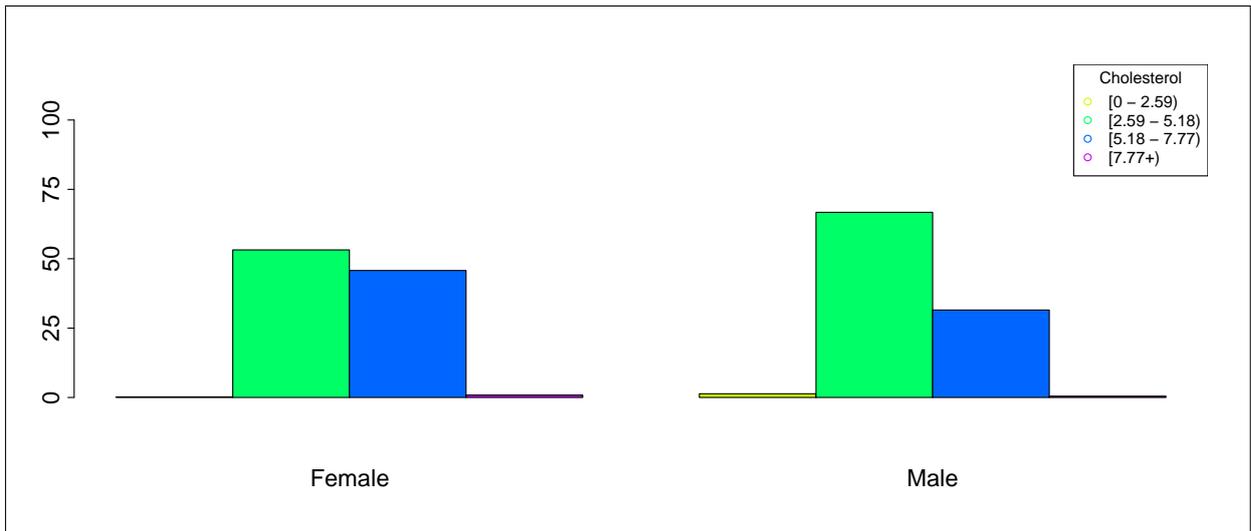
Barplot: 2.2.3.3.10 - Cholesterol (by Age, Type of Diabetes = Type 1)

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 2**

---



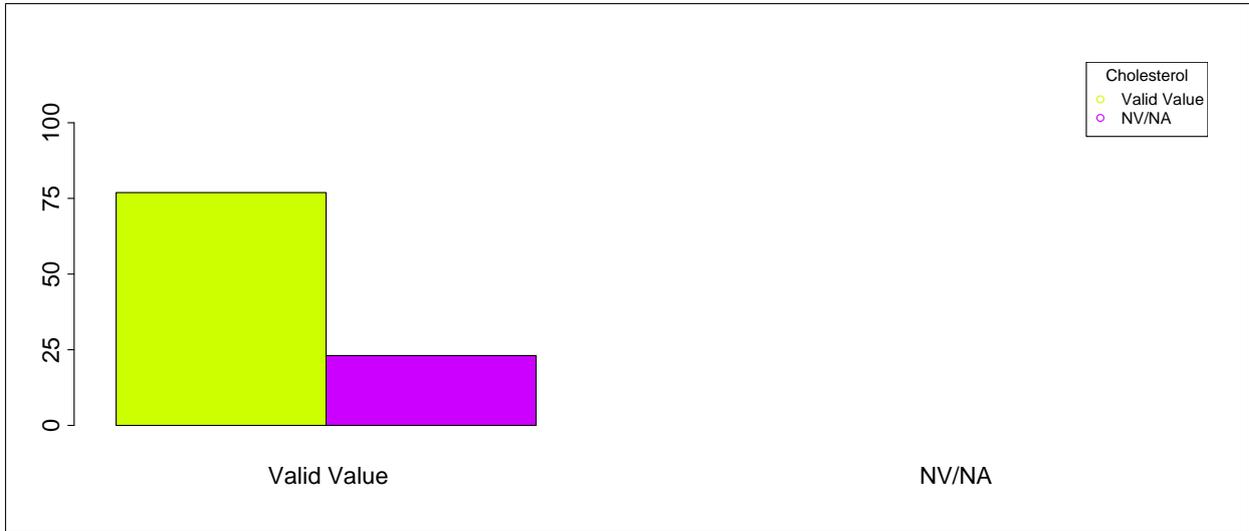
Barplot: 2.2.3.3.11 - Missing Data Cholesterol (by Gender, Type of Diabetes = Type 2)



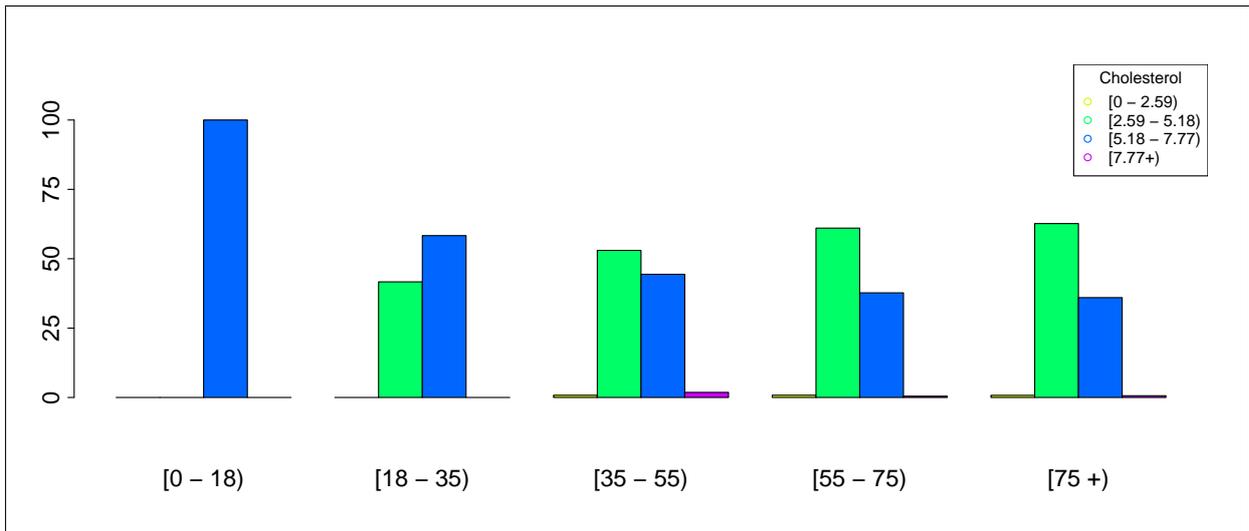
Barplot: 2.2.3.3.12 - Cholesterol (by Gender, Type of Diabetes = Type 2)

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 2**

---

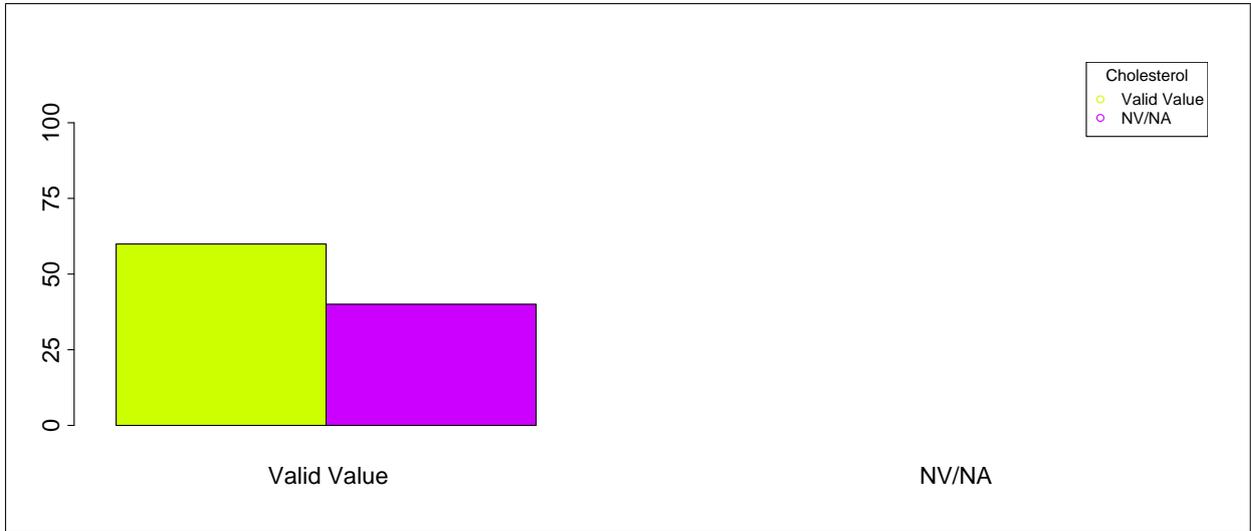


Barplot: 2.2.3.3.13 - Missing Data Cholesterol (by Age, Type of Diabetes = Type 2)

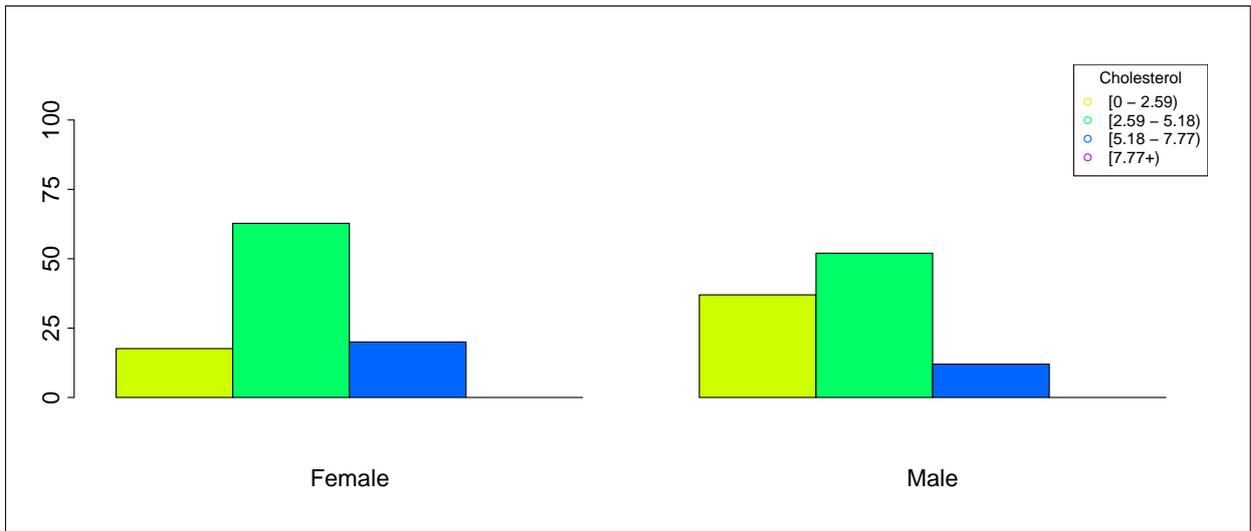


Barplot: 2.2.3.3.14 - Cholesterol (by Age, Type of Diabetes = Type 2)

2.2.3.3 Total cholesterol (last episode in 12 months)  
Type of Diabetes = Other Type

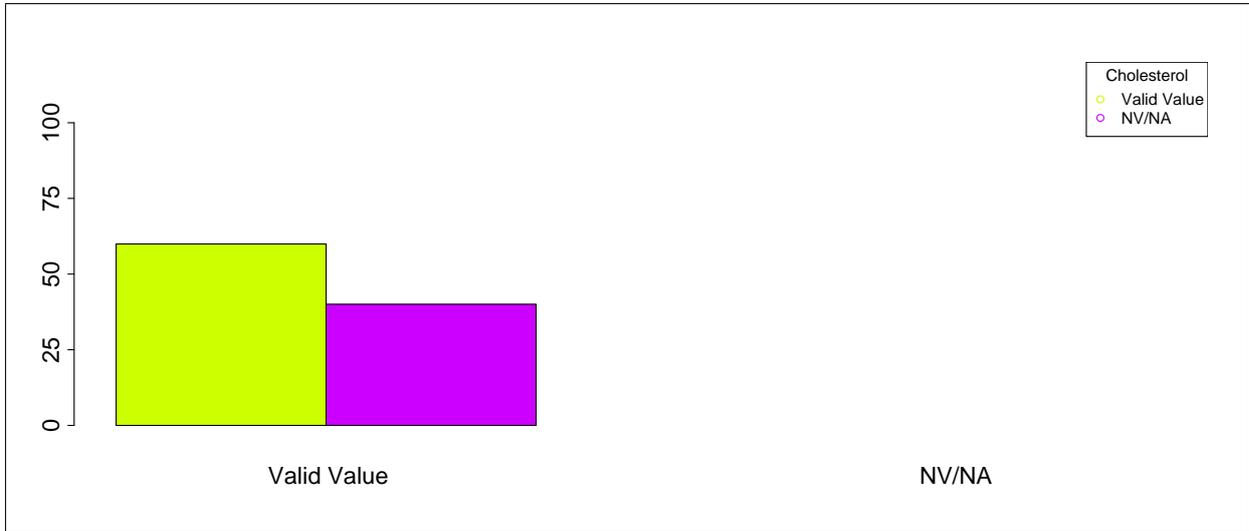


Barplot: 2.2.3.3.15 - Missing Data Cholesterol (by Gender, Type of Diabetes = Other Type)

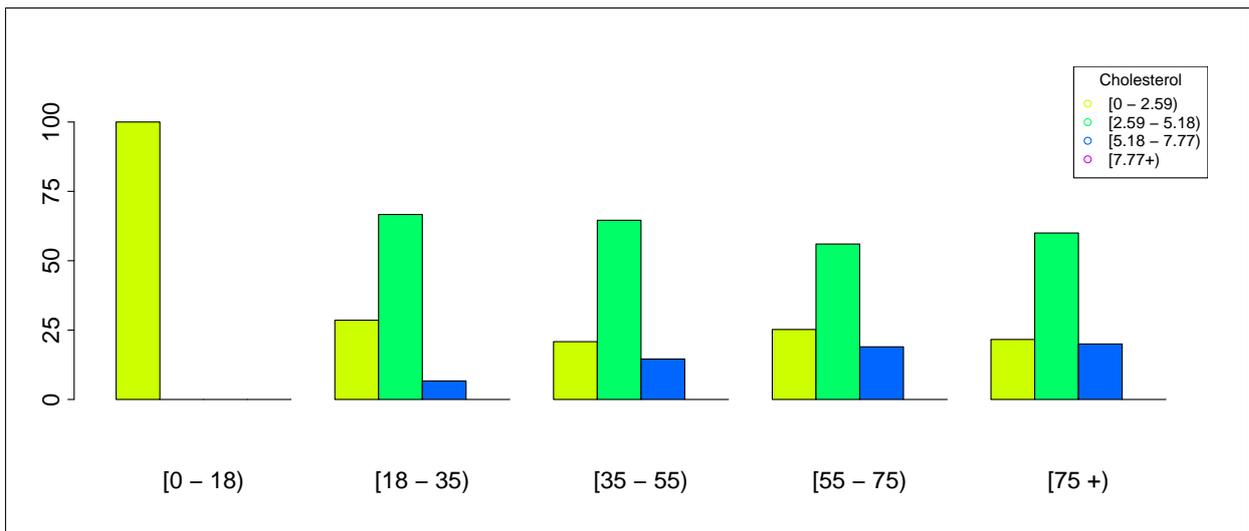


Barplot: 2.2.3.3.16 - Cholesterol (by Gender, Type of Diabetes = Other Type)

2.2.3.3 Total cholesterol (last episode in 12 months)  
Type of Diabetes = Other Type

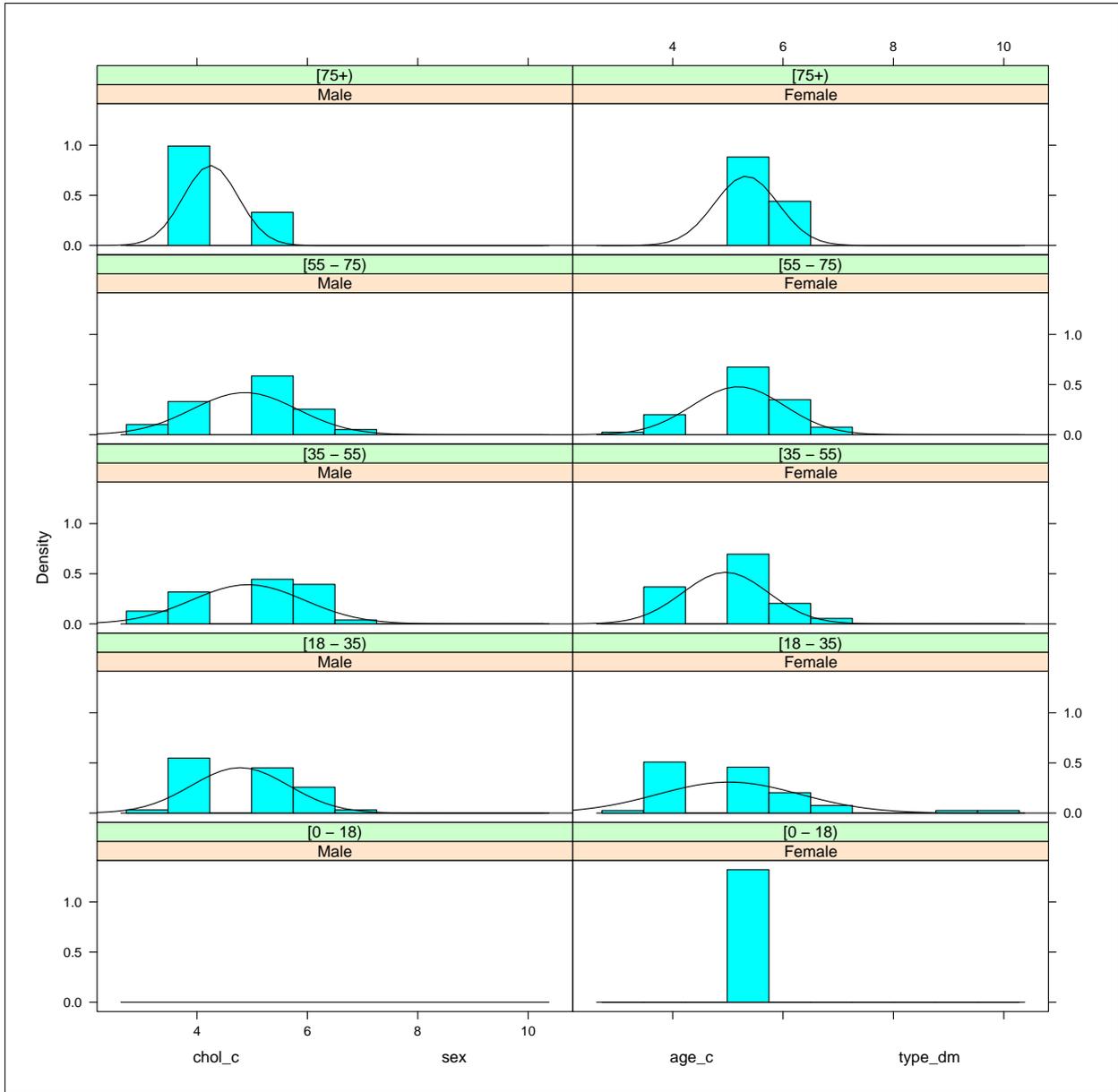


Barplot: 2.2.3.3.17 - Missing Data Cholesterol (by Age, Type of Diabetes = Other Type)



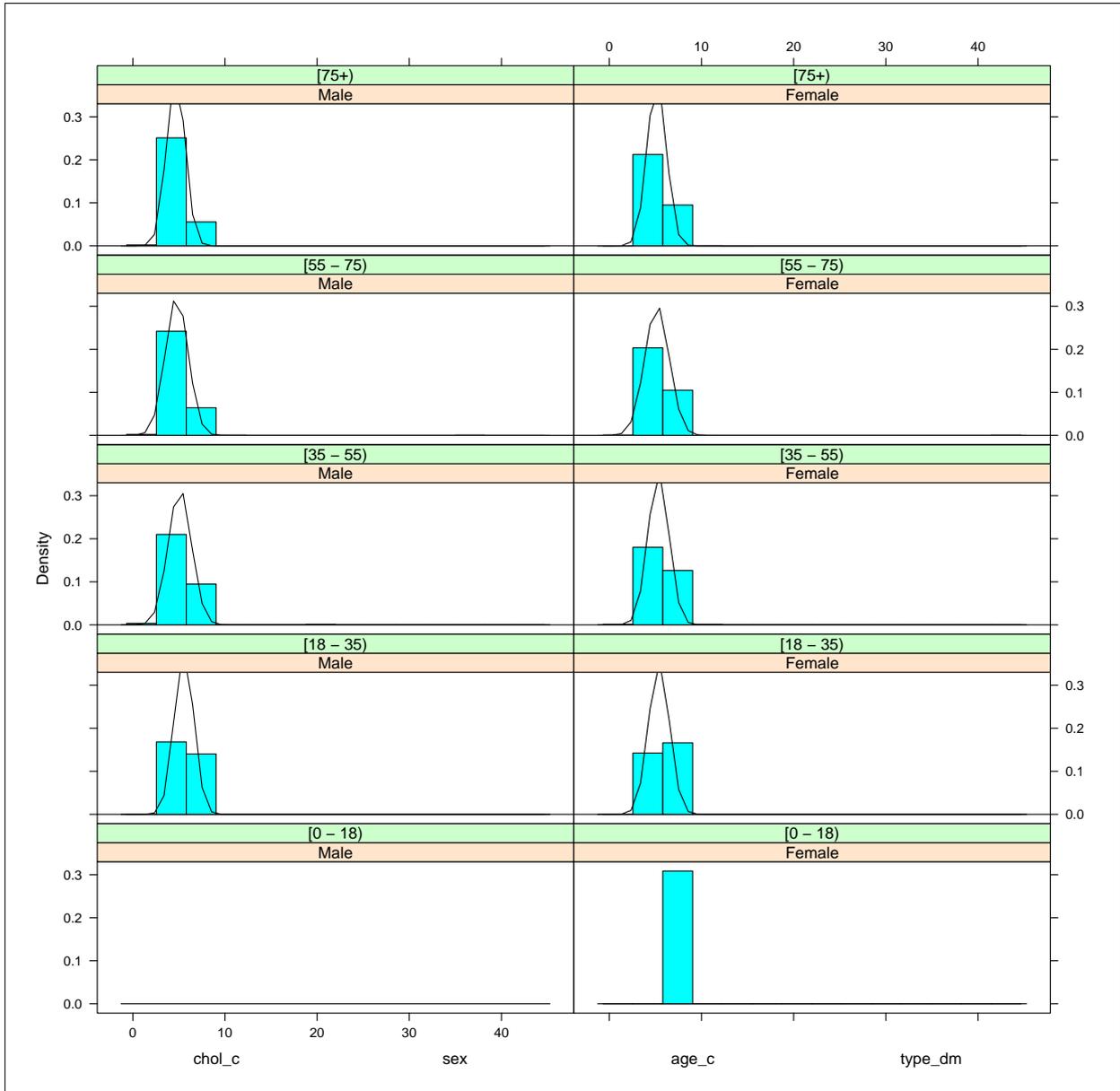
Barplot: 2.2.3.3.18 - Cholesterol (by Age, Type of Diabetes = Other Type)

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**



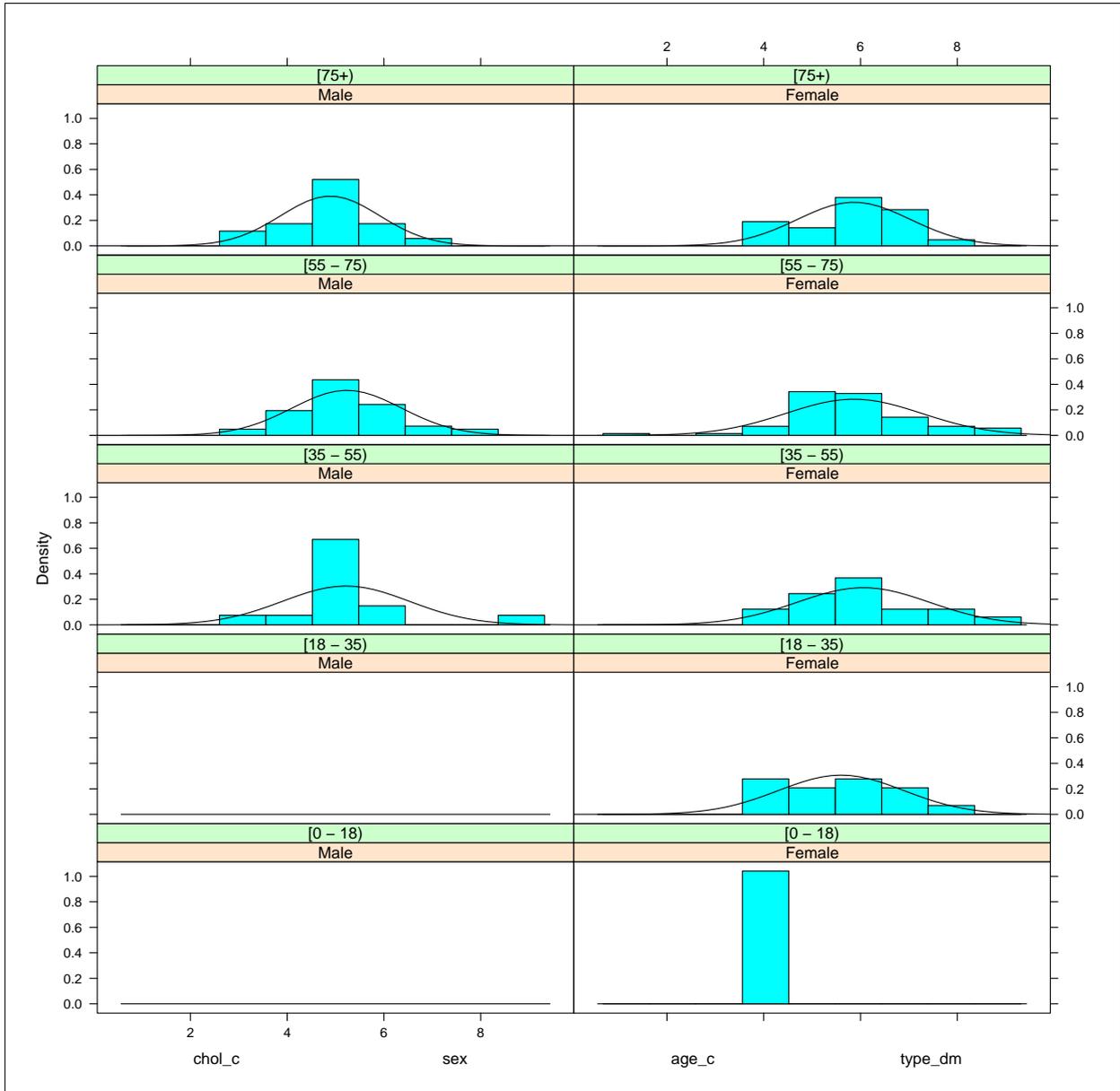
Trellis Barplot: 2.2.3.3.19 - \* Cholesterol \* Gender (Type of Diabetes = Type 1)

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 2**



Trellis Barplot: 2.2.3.3.20 - \* Cholesterol \* Gender (Type of Diabetes = Type 2)

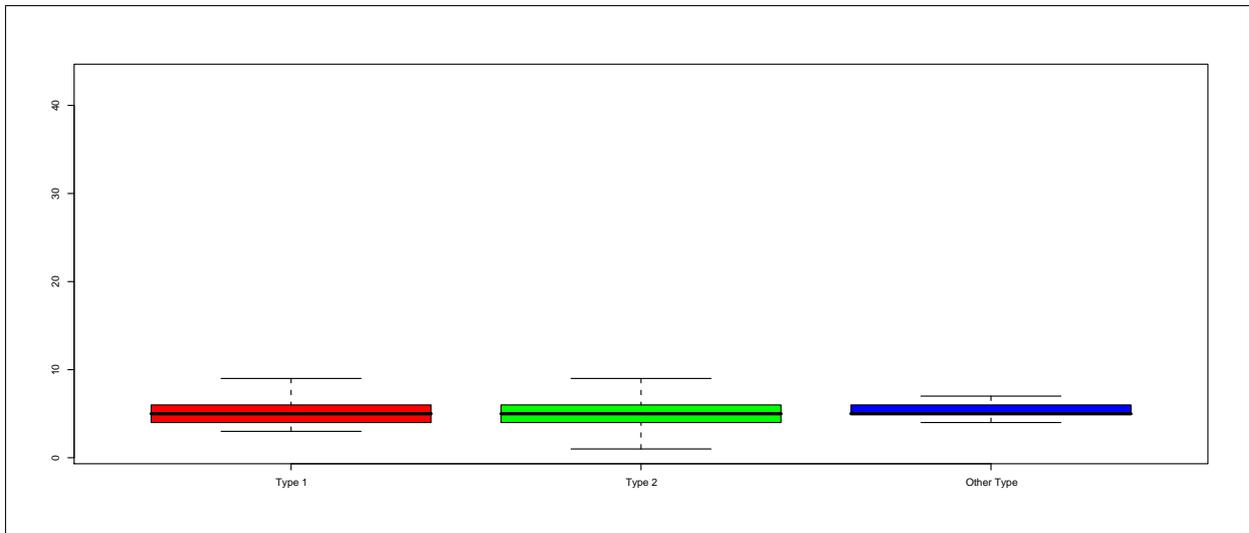
2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Other Type**



Trellis Barplot: 2.2.3.3.21 - \* Cholesterol \* Gender (Type of Diabetes = Other Type)

### 2.2.3.3 Total cholesterol (last episode in 12 months)

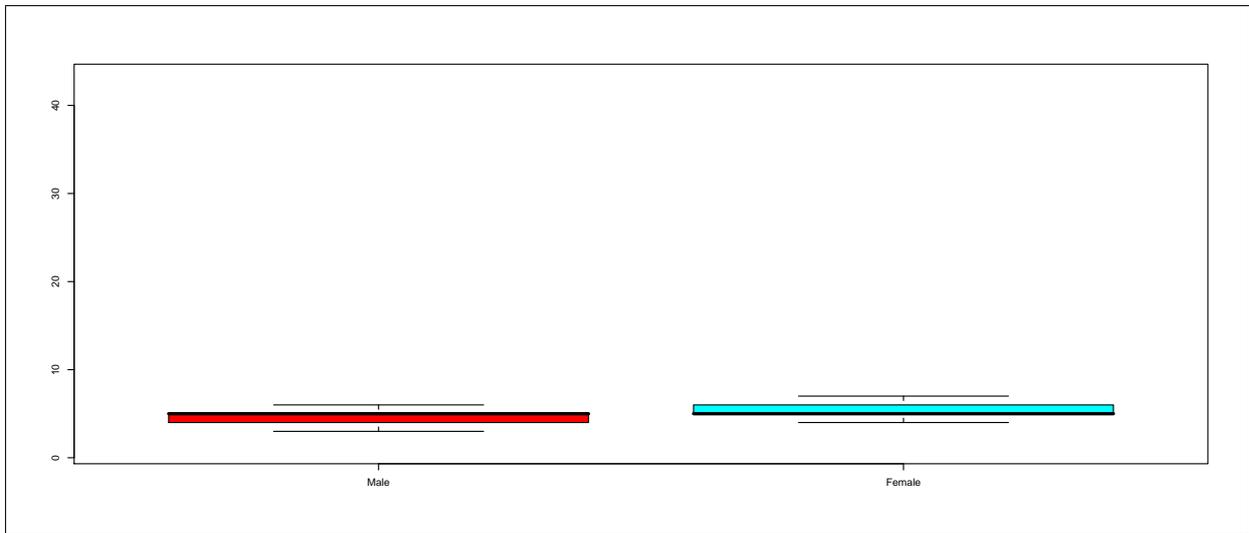
---



Boxplot: 2.2.3.3.1 - Cholesterol (by Type of Diabetes)

### 2.2.3.3 Total cholesterol (last episode in 12 months)

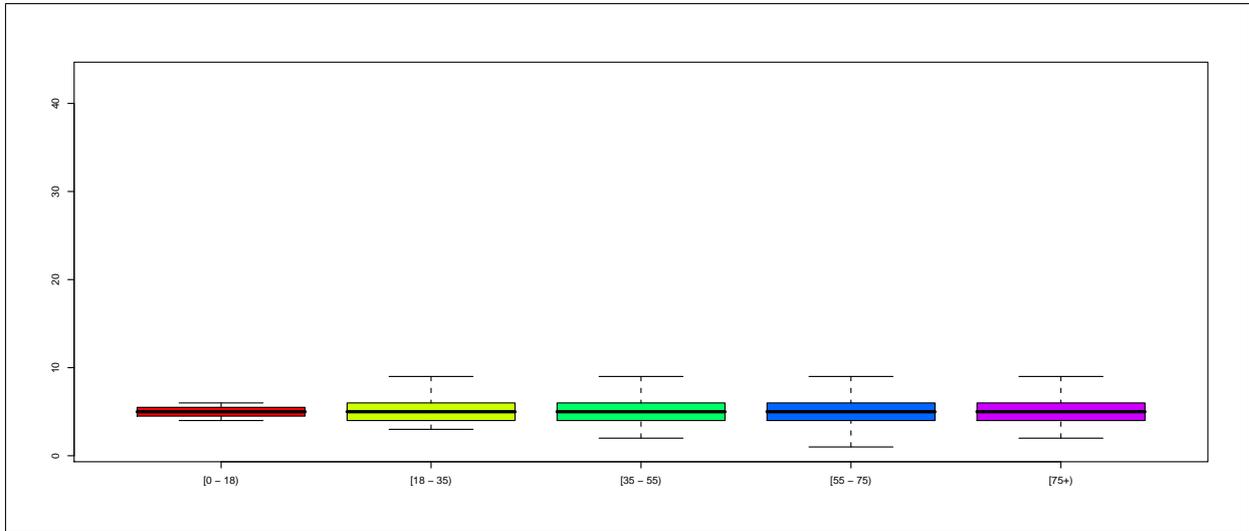
---



Boxplot: 2.2.3.3.2 - Cholesterol (by Gender)

### 2.2.3.3 Total cholesterol (last episode in 12 months)

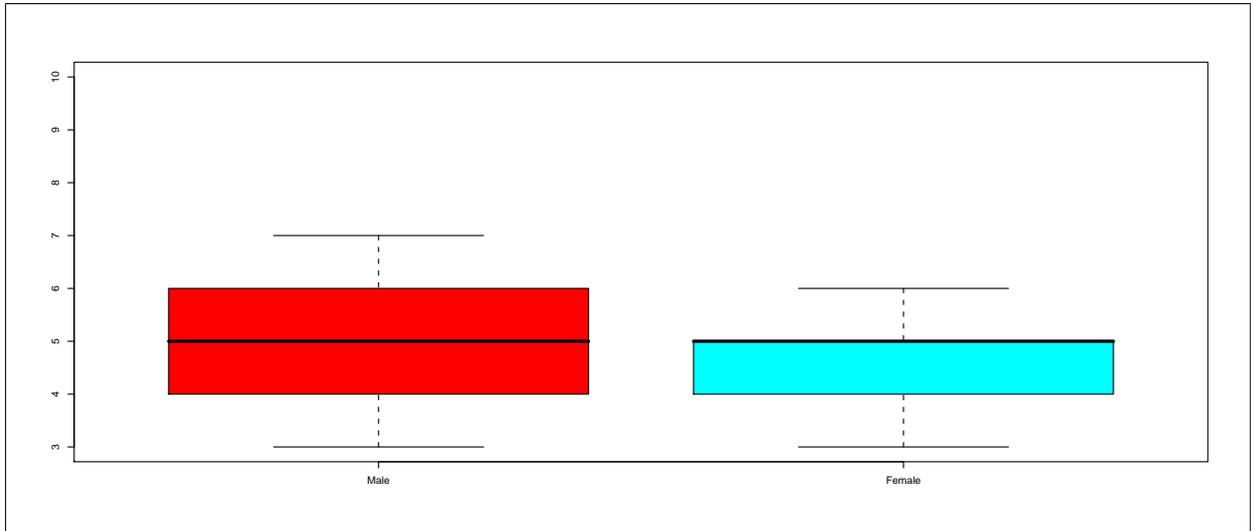
---



Boxplot: 2.2.3.3.3 - Cholesterol (by Age)

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**

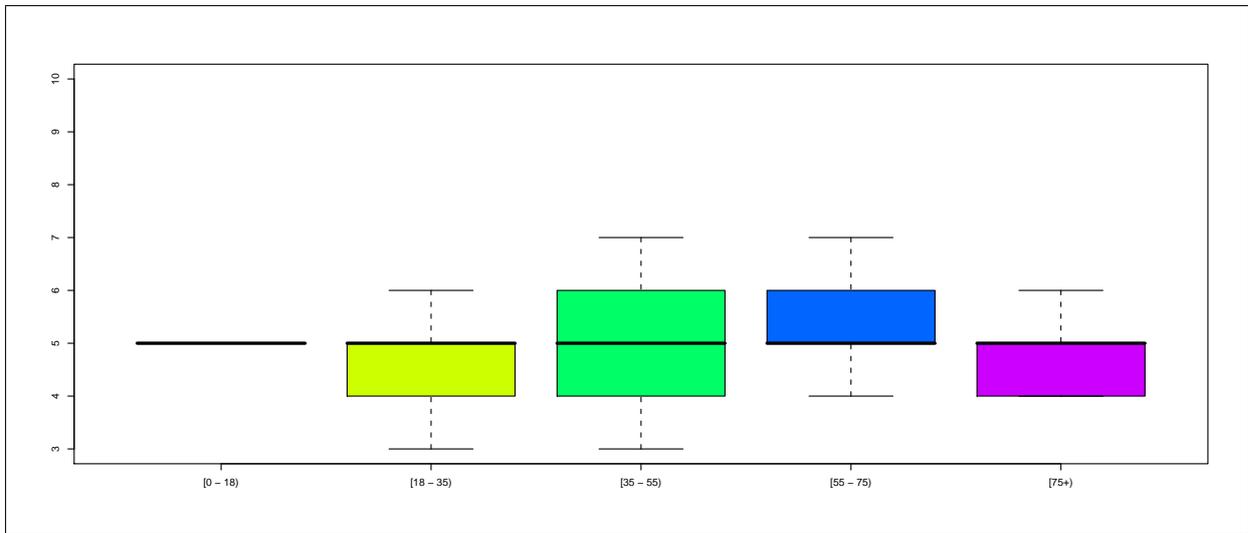
---



Boxplot: 2.2.3.3.4 - Cholesterol (by Gender, Type of Diabetes = Type 1)

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**

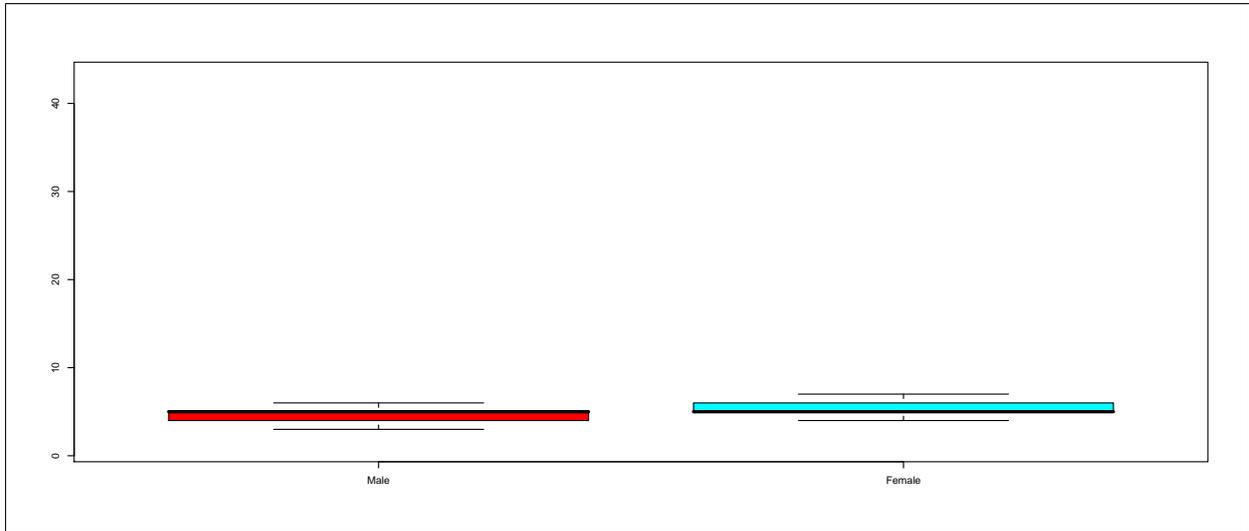
---



Boxplot: 2.2.3.3.5 - Cholesterol (by Age, Type of Diabetes = Type 1)

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 2**

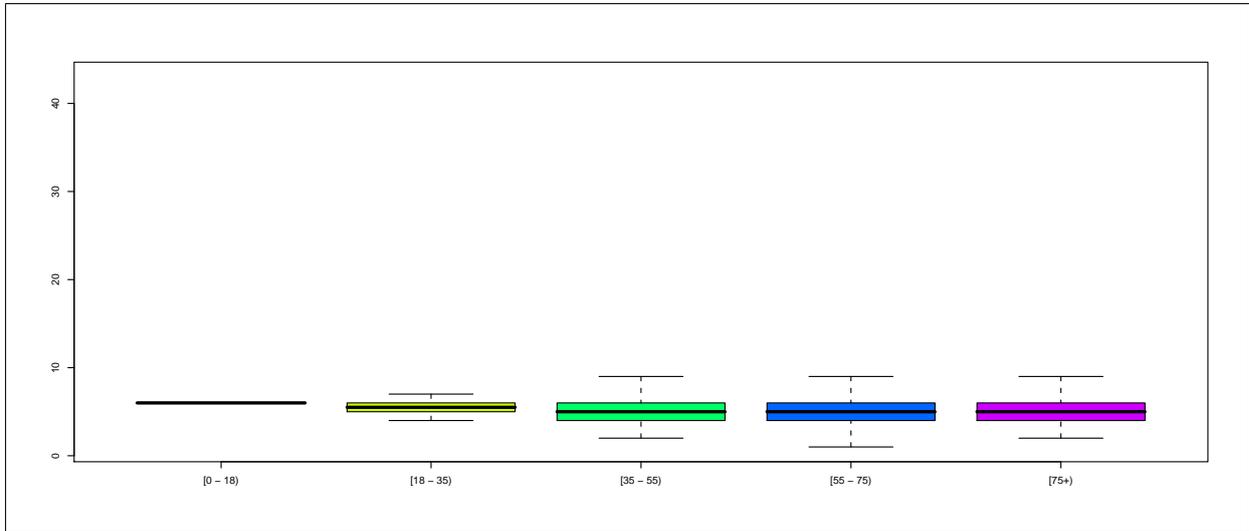
---



Boxplot: 2.2.3.3.6 - Cholesterol (by Gender, Type of Diabetes = Type 2)

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 2**

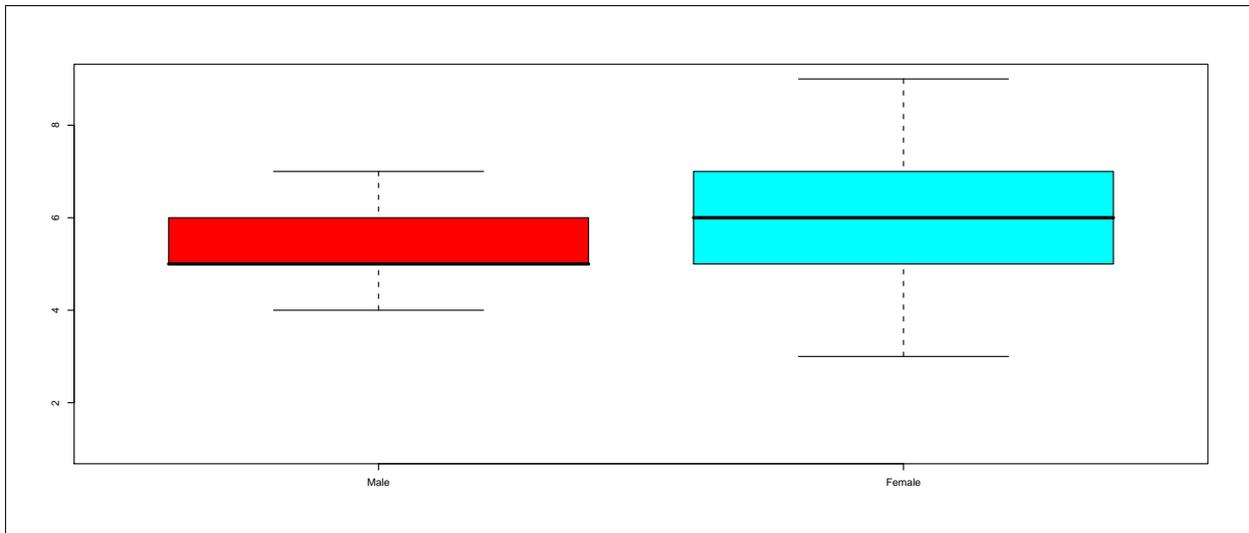
---



Boxplot: 2.2.3.3.7 - Cholesterol (by Age, Type of Diabetes = Type 2)

2.2.3.3 Total cholesterol (last episode in 12 months)  
Type of Diabetes = Other Type

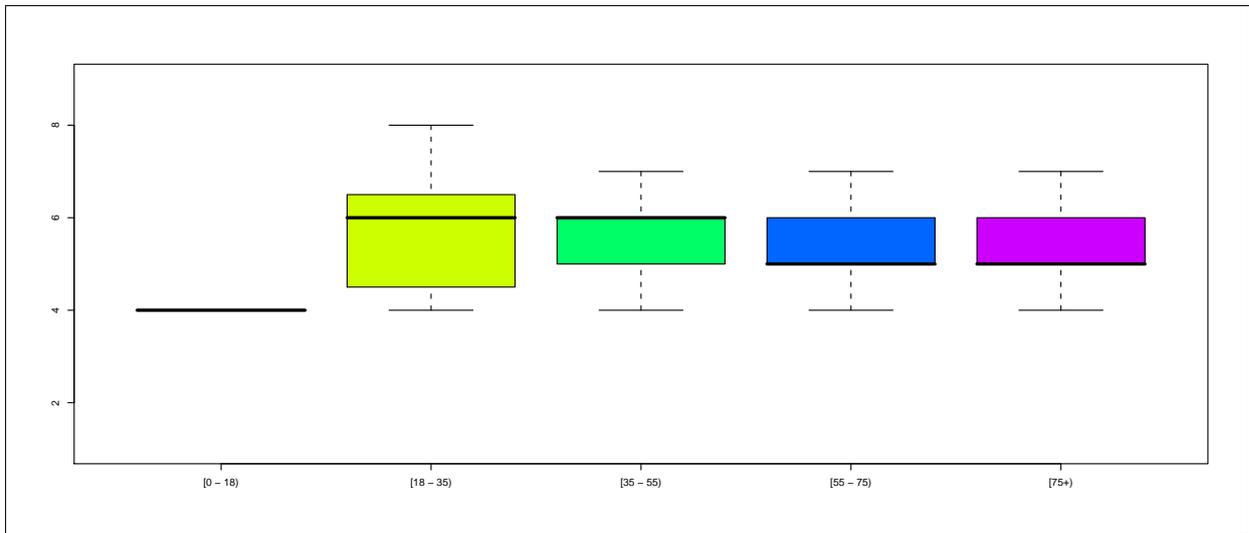
---



Boxplot: 2.2.3.3.8 - Cholesterol (by Gender, Type of Diabetes = Other Type)

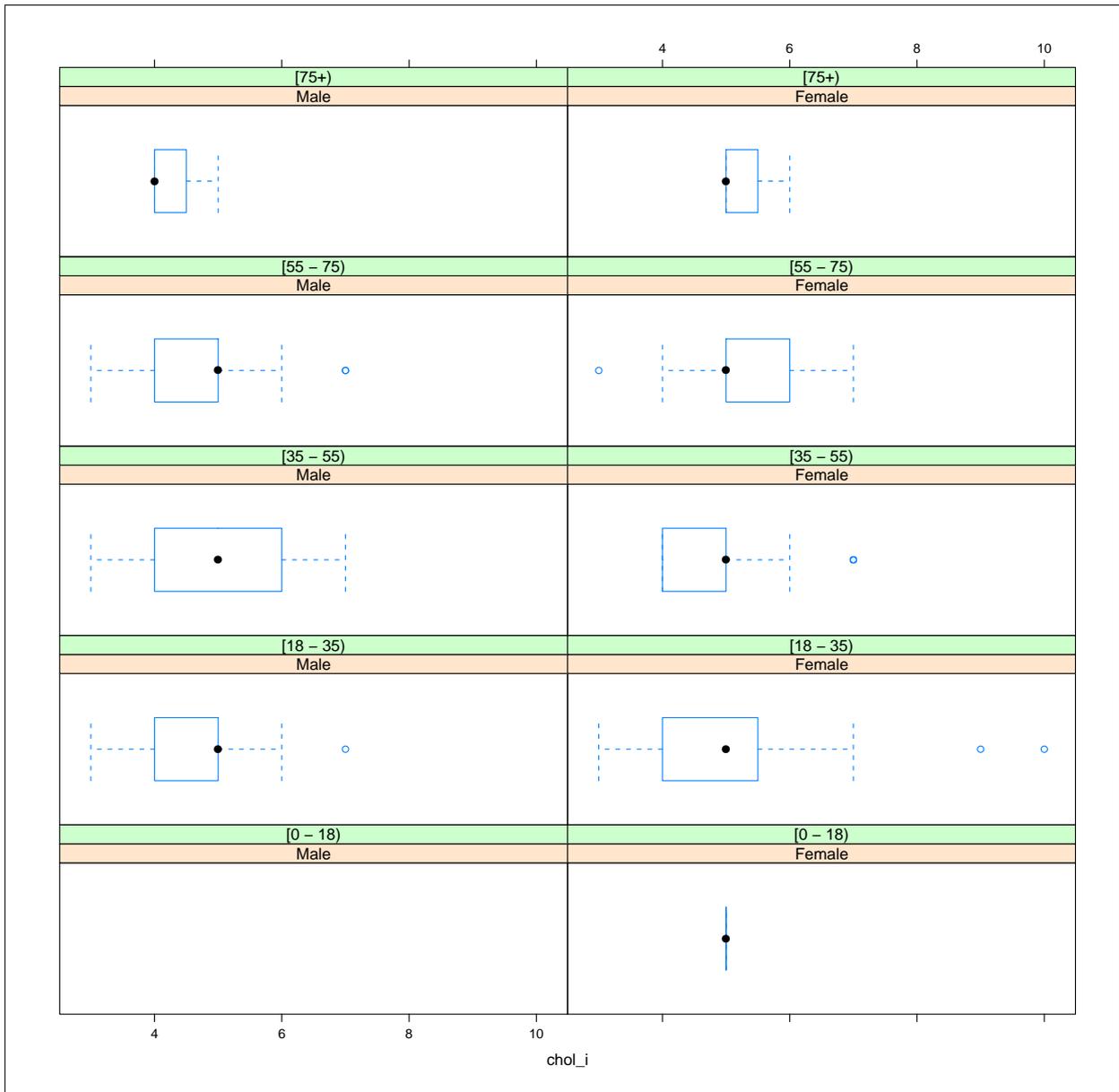
2.2.3.3 Total cholesterol (last episode in 12 months)  
Type of Diabetes = Other Type

---



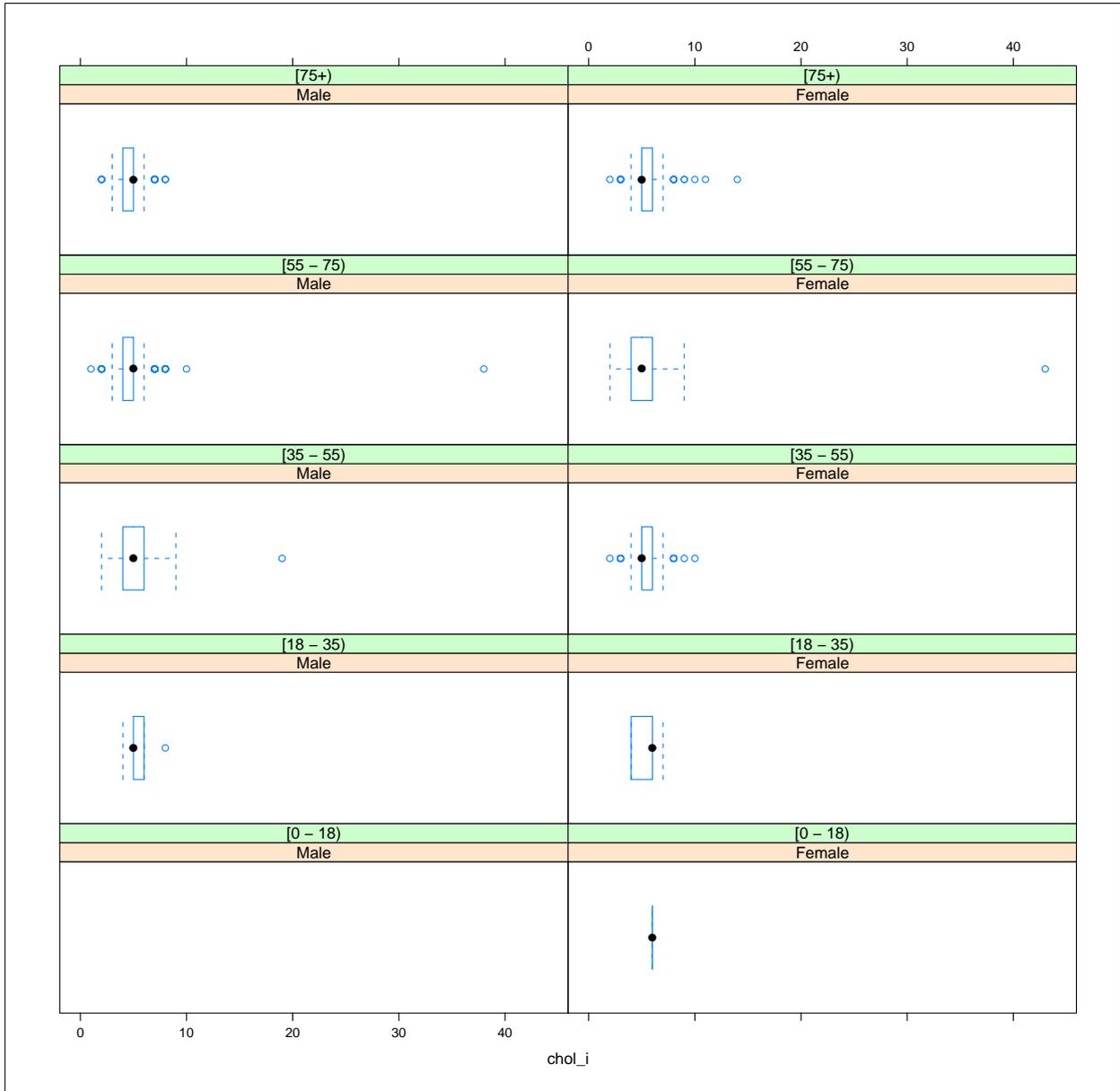
Boxplot: 2.2.3.3.9 - Cholesterol (by Age, Type of Diabetes = Other Type)

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**



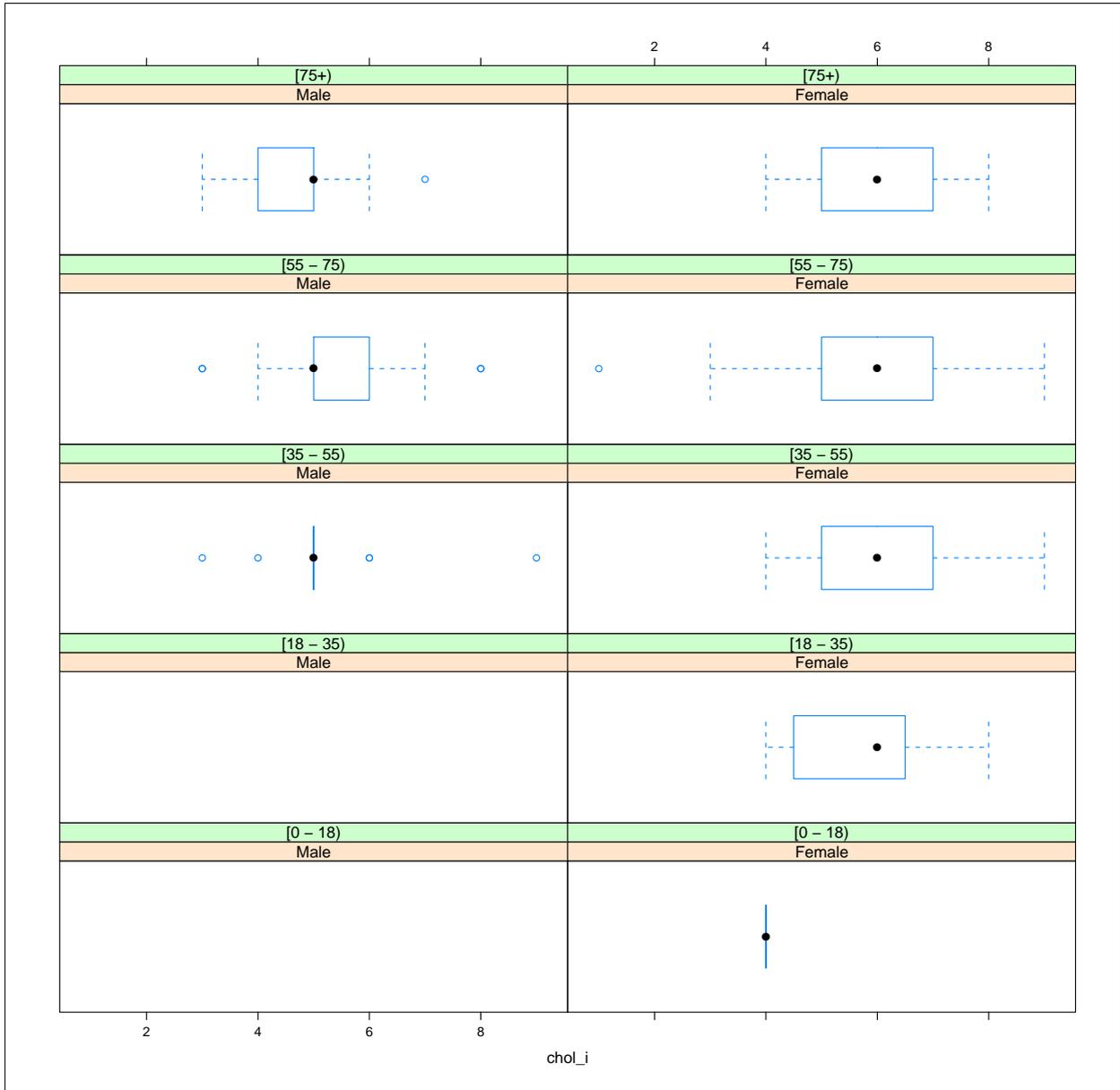
Trellis Boxplot: 2.2.3.3.10 - Cholesterol \* Gender \* Age (Type of Diabetes = Type 1)

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 2**



Trellis Boxplot: 2.2.3.3.11 - Cholesterol \* Gender \* Age (Type of Diabetes = Type 2)

2.2.3.3 Total cholesterol (last episode in 12 months)  
**Type of Diabetes = Other Type**



Trellis Boxplot: 2.2.3.3.12 - Cholesterol \* Gender \* Age (Type of Diabetes = Other Type)

#### 2.2.3.4. HDL-cholesterol (last episode in 12 months)

Cholesterol	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	7086 ( 72.8)	0( 0.0)		7086 ( 72.8)
NV/NA	2653 ( 27.2)	0( 0.0)		2653 ( 27.2)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.4.1: Missing Data Cholesterol (by Type of Diabetes)

Cholesterol	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
0 - 1.294	93 ( 23.7)	2831 ( 43.6)	63( 31.5)	2987 ( 42.2)
1.295 +	300 ( 76.3)	3662 ( 56.4)	137( 68.5)	4099 ( 57.8)
TOTAL	393( 5.5)	6493( 91.6)	200( 2.8)	7086 (100.0)

Table 2.2.3.4.2: Cholesterol (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	69.9835	0	2

2.2.3.4. HDL-cholesterol (last episode in 12 months)

Cholesterol	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	7086 ( 72.8)	0( 0.0)		7086 ( 72.8)
NV/NA	2653 ( 27.2)	0( 0.0)		2653 ( 27.2)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.4.3: Missing Data Cholesterol (by Gender)

Cholesterol	Gender			N ( % )
	Male ( % )	Female ( % )		
0 - 1.294	1989 ( 52.9)	998( 30.0)		2987 ( 42.2)
1.295 +	1771 ( 47.1)	2328( 70.0)		4099 ( 57.8)
TOTAL	3760( 53.1)	3326( 46.9)		7086 (100.0)

Table 2.2.3.4.4: Cholesterol (by Gender)

	CMH Chi-Square	p.value	df
Value	378.3772	0	1

2.2.3.4. HDL-cholesterol (last episode in 12 months)

Cholesterol	Age		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	7086 ( 72.8)	0( 0.0)	7086 ( 72.8)
NV/NA	2653 ( 27.2)	0( 0.0)	2653 ( 27.2)
TOTAL	9739(100.0)	0( 0.0)	9739 (100.0)

Table 2.2.3.4.5: Missing Data Cholesterol (by Age)

Cholesterol	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
0 - 1.294	2 ( 66.7)	30 ( 24.8)	458 ( 47.1)	1931 ( 44.1)	566( 35.2)	2987 ( 42.2)
1.295 +	1 ( 33.3)	91 ( 75.2)	514 ( 52.9)	2449 ( 55.9)	1044( 64.8)	4099 ( 57.8)
TOTAL	3( 0.0)	121( 1.7)	972( 13.7)	4380( 61.8)	1610( 22.7)	7086 (100.0)

Table 2.2.3.4.6: Cholesterol (by Age)

	CMH Chi-Square	p.value	df
Value	64.5735	0	4

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**

Cholesterol	Gender		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	393 ( 59.1)	0( 0.0)	393 ( 59.1)
NV/NA	272 ( 40.9)	0( 0.0)	272 ( 40.9)
<b>TOTAL</b>	<b>665(100.0)</b>	<b>0( 0.0)</b>	<b>665 (100.0)</b>

Table 2.2.3.4.7: Missing Data Cholesterol (by Gender, Type of Diabetes = Type 1)

Cholesterol	Gender		N ( % )
	Male ( % )	Female ( % )	
0 - 1.294	71 ( 35.9)	22( 11.3)	93 ( 23.7)
1.295 +	127 ( 64.1)	173( 88.7)	300 ( 76.3)
<b>TOTAL</b>	<b>198( 50.4)</b>	<b>195( 49.6)</b>	<b>393 (100.0)</b>

Table 2.2.3.4.8: Cholesterol (by Gender, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	31.5031	0	1

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**

Cholesterol	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	393 ( 59.1)	0( 0.0)		393 ( 59.1)
NV/NA	272 ( 40.9)	0( 0.0)		272 ( 40.9)
<b>TOTAL</b>	<b>665(100.0)</b>	<b>0( 0.0)</b>		<b>665 (100.0)</b>

Table 2.2.3.4.9: Missing Data Cholesterol (by Age, Type of Diabetes = Type 1)

Cholesterol	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
0 - 1.294	0 ( 0.0)	18 ( 20.2)	49 ( 25.1)	23 ( 22.8)	3( 42.9)	93 ( 23.7)
1.295 +	1 (100.0)	71 ( 79.8)	146 ( 74.9)	78 ( 77.2)	4( 57.1)	300 ( 76.3)
<b>TOTAL</b>	<b>1( 0.3)</b>	<b>89( 22.6)</b>	<b>195( 49.6)</b>	<b>101( 25.7)</b>	<b>7( 1.8)</b>	<b>393 (100.0)</b>

Table 2.2.3.4.10: Cholesterol (by Age, Type of Diabetes = Type 1)

=====  
 CMH Chi-Square  
 =====  
 Value    One or more cells have 0 obs  
 =====

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**

Cholesterol	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	272( 40.9)	272 ( 40.9)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	393( 59.1)	393 ( 59.1)
<b>TOTAL</b>	<b>0( 0.0)</b>	<b>0( 0.0)</b>	<b>0( 0.0)</b>	<b>665(100.0)</b>	<b>665 (100.0)</b>

Table 2.2.3.4.11: Missing Data Cholesterol (by Gender \* Age, Type of Diabetes = Type 1)

Cholesterol	Gender * Age										
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 1.295)	0 ( 0.0)	0 ( 0.0)	3 ( 6.1)	15 ( 37.5)	12 ( 12.8)	37 ( 36.6)	6 ( 12.5)	17 ( 32.1)	1 ( 33.3)	2( 50.0)	93 ( 23.7)
[1.295+)	1 (100.0)	0 ( 0.0)	46 ( 93.9)	25 ( 62.5)	82 ( 87.2)	64 ( 63.4)	42 ( 87.5)	36 ( 67.9)	2 ( 66.7)	2( 50.0)	300 ( 76.3)
<b>TOTAL</b>	<b>1( 0.3)</b>	<b>0( 0.0)</b>	<b>49( 12.5)</b>	<b>40( 10.2)</b>	<b>94( 23.9)</b>	<b>101( 25.7)</b>	<b>48( 12.2)</b>	<b>53( 13.5)</b>	<b>3( 0.8)</b>	<b>4( 1.0)</b>	<b>393 (100.0)</b>

Table 2.2.3.4.12: Cholesterol (by Gender \* Age, Type of Diabetes = Type 1)

---

**CMH Chi-Square**


---

**Value One or more cells have 0 obs**


---

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 2**

Cholesterol	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6493 ( 74.6)	0( 0.0)		6493 ( 74.6)
NV/NA	2214 ( 25.4)	0( 0.0)		2214 ( 25.4)
<b>TOTAL</b>	<b>8707(100.0)</b>	<b>0( 0.0)</b>		<b>8707 (100.0)</b>

Table 2.2.3.4.13: Missing Data Cholesterol (by Gender, Type of Diabetes = Type 2)

Cholesterol	Gender			N ( % )
	Male ( % )	Female ( % )		
0 - 1.294	1884 ( 53.9)	947( 31.6)		2831 ( 43.6)
1.295 +	1609 ( 46.1)	2053( 68.4)		3662 ( 56.4)
<b>TOTAL</b>	<b>3493( 53.8)</b>	<b>3000( 46.2)</b>		<b>6493 (100.0)</b>

Table 2.2.3.4.14: Cholesterol (by Gender, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	327.5115	0	1

## 2.2.3.4. HDL-cholesterol (last episode in 12 months)

**Type of Diabetes = Type 2**

Cholesterol	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6493 ( 74.6)	0( 0.0)		6493 ( 74.6)
NV/NA	2214 ( 25.4)	0( 0.0)		2214 ( 25.4)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 2.2.3.4.15: Missing Data Cholesterol (by Age, Type of Diabetes = Type 2)

Cholesterol	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
0 - 1.294	1 (100.0)	9 ( 47.4)	396 ( 54.0)	1873 ( 44.9)	552( 35.2)	2831 ( 43.6)
1.295 +	0 ( 0.0)	10 ( 52.6)	338 ( 46.0)	2299 ( 55.1)	1015( 64.8)	3662 ( 56.4)
TOTAL	1( 0.0)	19( 0.3)	734( 11.3)	4172( 64.3)	1567( 24.1)	6493 (100.0)

Table 2.2.3.4.16: Cholesterol (by Age, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

2.2.3.4. HDL-cholesterol (last episode in 12 months)

**Type of Diabetes = Type 2**

Cholesterol	Gender * Age				
	Valid Value		NV/NA		N ( % )
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	2214( 25.4)	2214 ( 25.4)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	6493( 74.6)	6493 ( 74.6)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	8707(100.0)	8707 (100.0)

Table 2.2.3.4.17: Missing Data Cholesterol (by Gender \* Age, Type of Diabetes = Type 2)

Cholesterol	Gender * Age										
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 1.295)	1 (100.0)	0 ( 0.0)	3 ( 30.0)	6 ( 66.7)	109 ( 39.1)	287 ( 63.1)	613 ( 33.2)	1260 ( 54.2)	221 ( 25.6)	331 ( 47.0)	2831 ( 43.6)
[1.295+)	0 ( 0.0)	0 ( 0.0)	7 ( 70.0)	3 ( 33.3)	170 ( 60.9)	168 ( 36.9)	1234 ( 66.8)	1065 ( 45.8)	642 ( 74.4)	373( 53.0)	3662 ( 56.4)
TOTAL	1( 0.0)	0( 0.0)	10( 0.2)	9( 0.1)	279( 4.3)	455( 7.0)	1847( 28.4)	2325( 35.8)	863( 13.3)	704( 10.8)	6493 (100.0)

Table 2.2.3.4.18: Cholesterol (by Gender \* Age, Type of Diabetes = Type 2)

=====  
 CMH Chi-Square  
 =====  
 Value    One or more cells have 0 obs  
 =====

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Other Type**

Cholesterol	Gender		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	200 ( 54.5)	0( 0.0)	200 ( 54.5)
NV/NA	167 ( 45.5)	0( 0.0)	167 ( 45.5)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>	<b>367 (100.0)</b>

Table 2.2.3.4.19: Missing Data Cholesterol (by Gender, Type of Diabetes = Other Type)

Cholesterol	Gender		N ( % )
	Male ( % )	Female ( % )	
0 - 1.294	34 ( 49.3)	29( 22.1)	63 ( 31.5)
1.295 +	35 ( 50.7)	102( 77.9)	137 ( 68.5)
<b>TOTAL</b>	<b>69( 34.5)</b>	<b>131( 65.5)</b>	<b>200 (100.0)</b>

Table 2.2.3.4.20: Cholesterol (by Gender, Type of Diabetes = Other Type)

	CMH Chi-Square	p.value	df
Value	14.1936	2e - 04	1

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Other Type**

Cholesterol	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	200 ( 54.5)	0( 0.0)		200 ( 54.5)
NV/NA	167 ( 45.5)	0( 0.0)		167 ( 45.5)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>		<b>367 (100.0)</b>

Table 2.2.3.4.21: Missing Data Cholesterol (by Age, Type of Diabetes = Other Type)

Cholesterol	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
0 - 1.294	1 (100.0)	3 ( 23.1)	13 ( 30.2)	35 ( 32.7)	11( 30.6)	63 ( 31.5)
1.295 +	0 ( 0.0)	10 ( 76.9)	30 ( 69.8)	72 ( 67.3)	25( 69.4)	137 ( 68.5)
<b>TOTAL</b>	<b>1( 0.5)</b>	<b>13( 6.5)</b>	<b>43( 21.5)</b>	<b>107( 53.5)</b>	<b>36( 18.0)</b>	<b>200 (100.0)</b>

Table 2.2.3.4.22: Cholesterol (by Age, Type of Diabetes = Other Type)

=====  
 CMH Chi-Square  
 =====  
 Value    One or more cells have 0 obs  
 =====

2.2.3.4. HDL-cholesterol (last episode in 12 months)

**Type of Diabetes = Other Type**

Cholesterol	Gender * Age					
	Valid Value			NV/NA		
	Valid Value ( % )	NV/NA ( % )		Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)		0 ( 0.0)	167( 45.5)	167 ( 45.5)
NV/NA	0 ( 0.0)	0 ( 0.0)		0 ( 0.0)	200( 54.5)	200 ( 54.5)
TOTAL	0( 0.0)	0( 0.0)		0( 0.0)	367(100.0)	367 (100.0)

Table 2.2.3.4.23: Missing Data Cholesterol (by Gender \* Age, Type of Diabetes = Other Type)

Cholesterol	Gender * Age										
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 1.295)	1 (100.0)	0 ( 0.0)	3 ( 23.1)	0 ( 0.0)	6 ( 20.0)	7 ( 53.8)	16 ( 24.2)	19 ( 46.3)	3 ( 14.3)	8( 53.3)	63 ( 31.5)
[1.295+)	0 ( 0.0)	0 ( 0.0)	10 ( 76.9)	0 ( 0.0)	24 ( 80.0)	6 ( 46.2)	50 ( 75.8)	22 ( 53.7)	18 ( 85.7)	7( 46.7)	137 ( 68.5)
TOTAL	1( 0.5)	0( 0.0)	13( 6.5)	0( 0.0)	30( 15.0)	13( 6.5)	66( 33.0)	41( 20.5)	21( 10.5)	15( 7.5)	200 (100.0)

Table 2.2.3.4.24: Cholesterol (by Gender \* Age, Type of Diabetes = Other Type)

---

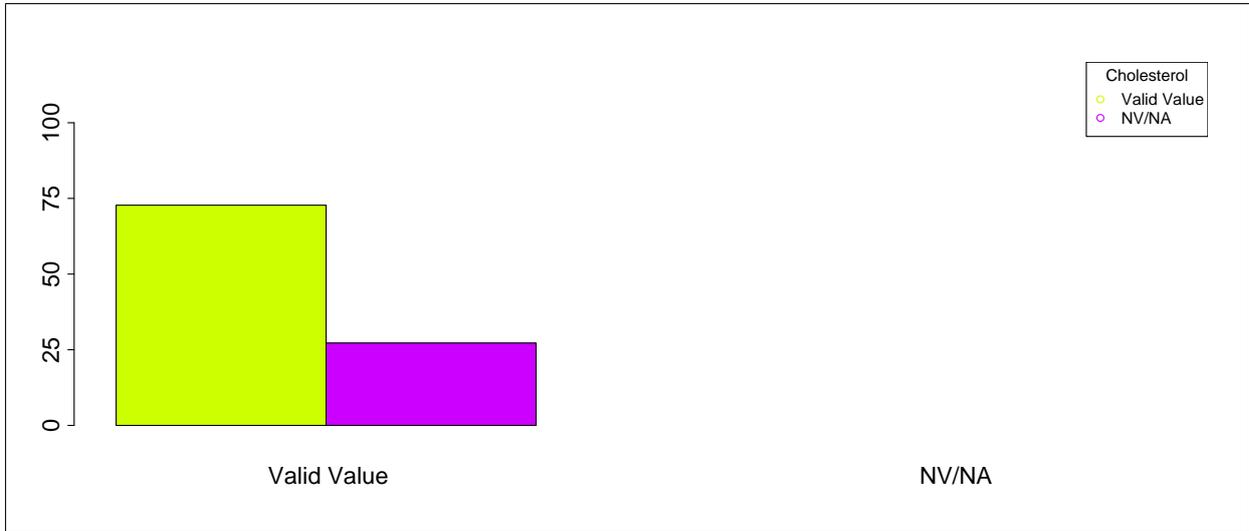
CMH Chi-Square

---

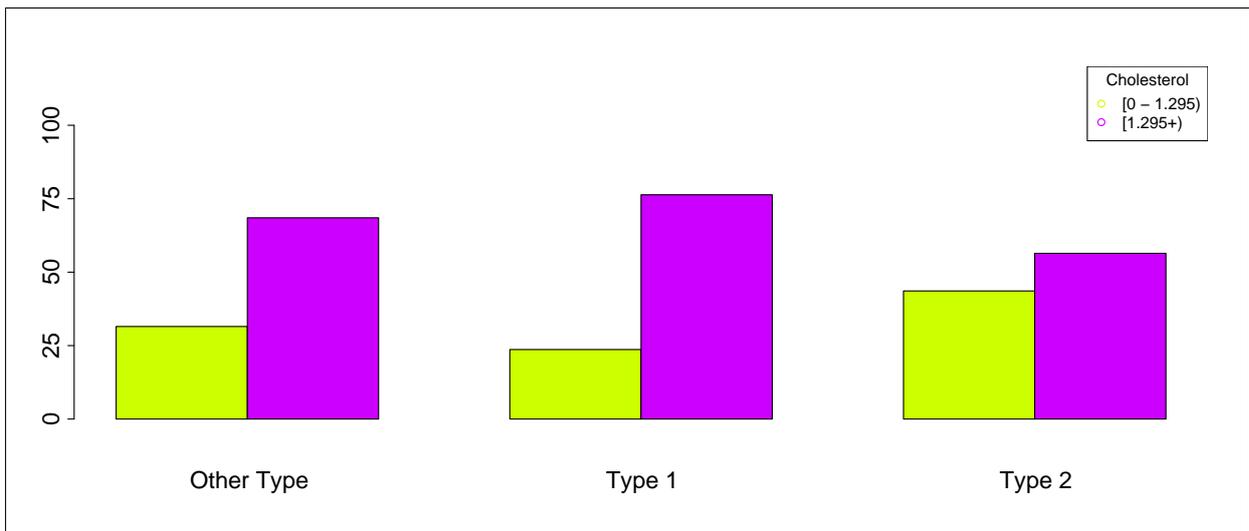
Value    One or more cells have 0 obs

---

2.2.3.4. HDL-cholesterol (last episode in 12 months)

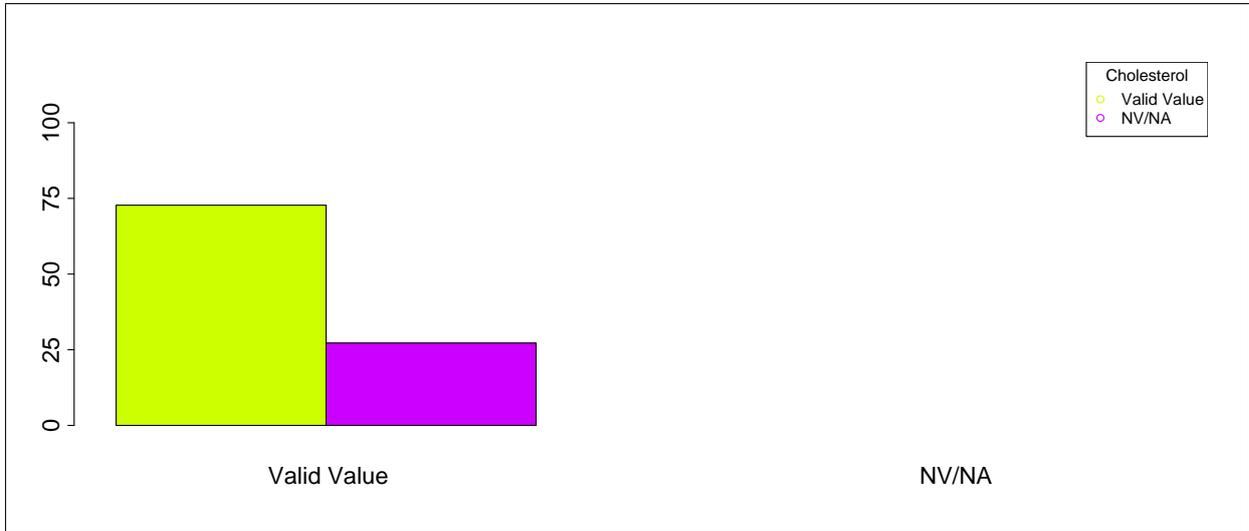


Barplot: 2.2.3.4.1 - Missing Data Cholesterol (by Type of Diabetes)

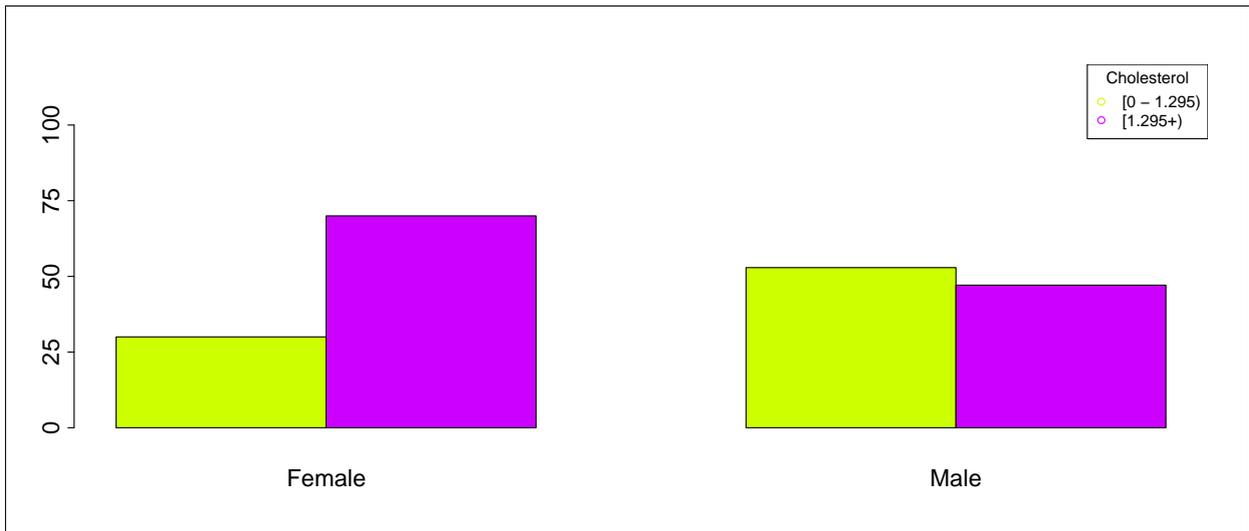


Barplot: 2.2.3.4.2 - Cholesterol (by Type of Diabetes)

2.2.3.4. HDL-cholesterol (last episode in 12 months)

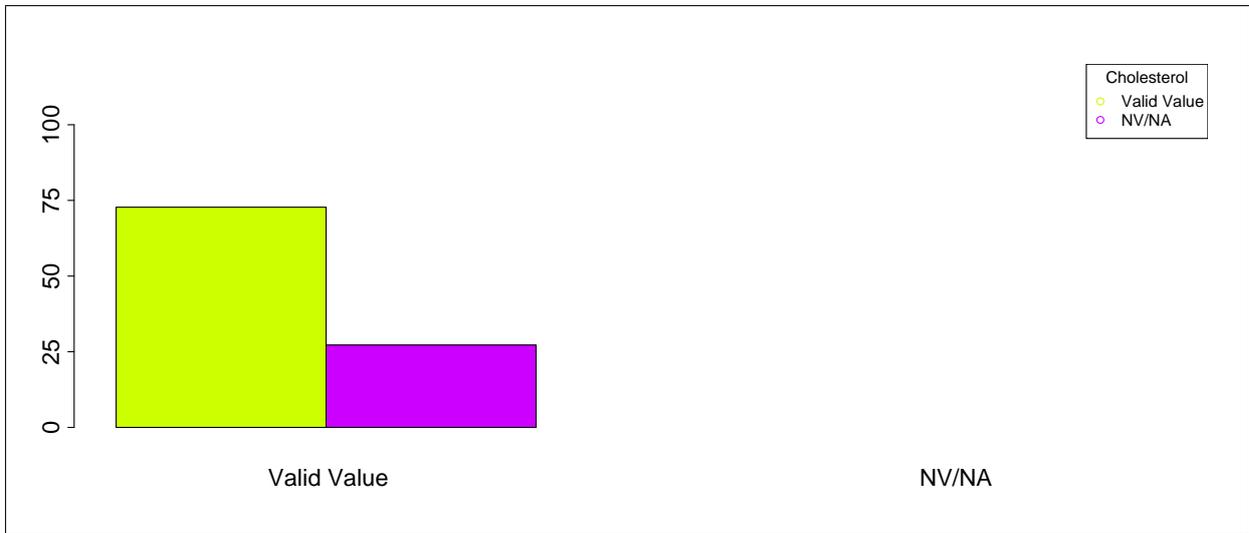


Barplot: 2.2.3.4.3 - Missing Data Cholesterol (by Gender)

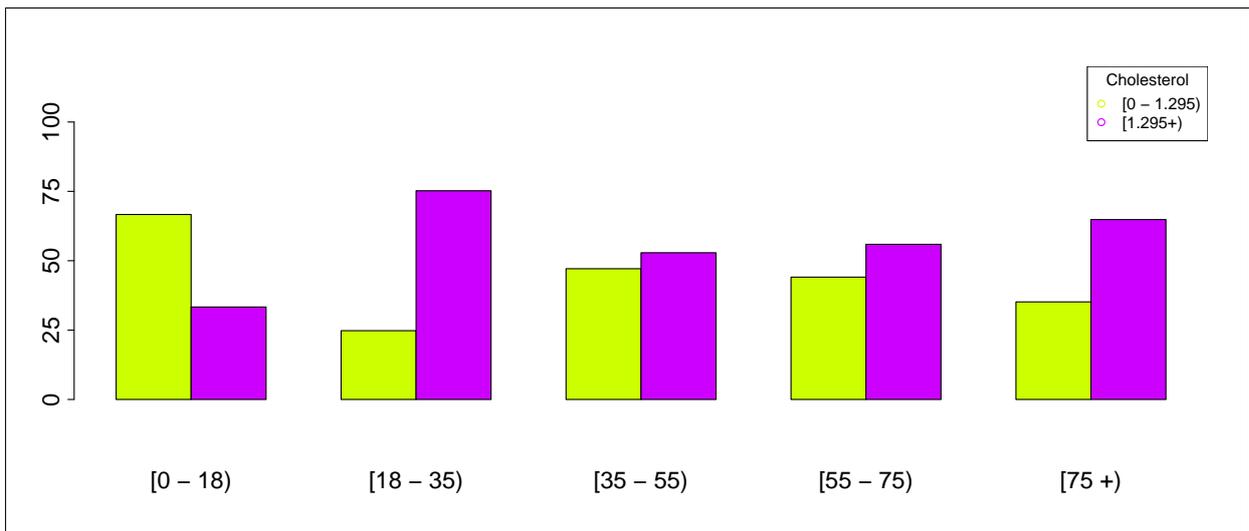


Barplot: 2.2.3.4.4 - Cholesterol (by Gender)

### 2.2.3.4. HDL-cholesterol (last episode in 12 months)



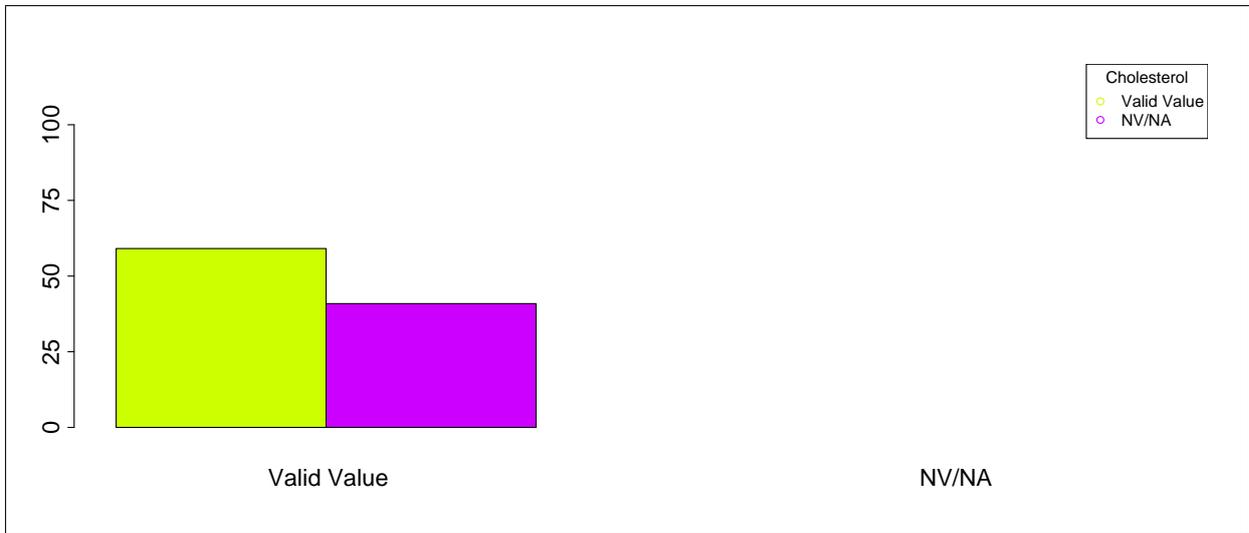
Barplot: 2.2.3.4.5 - Missing Data Cholesterol (by Age)



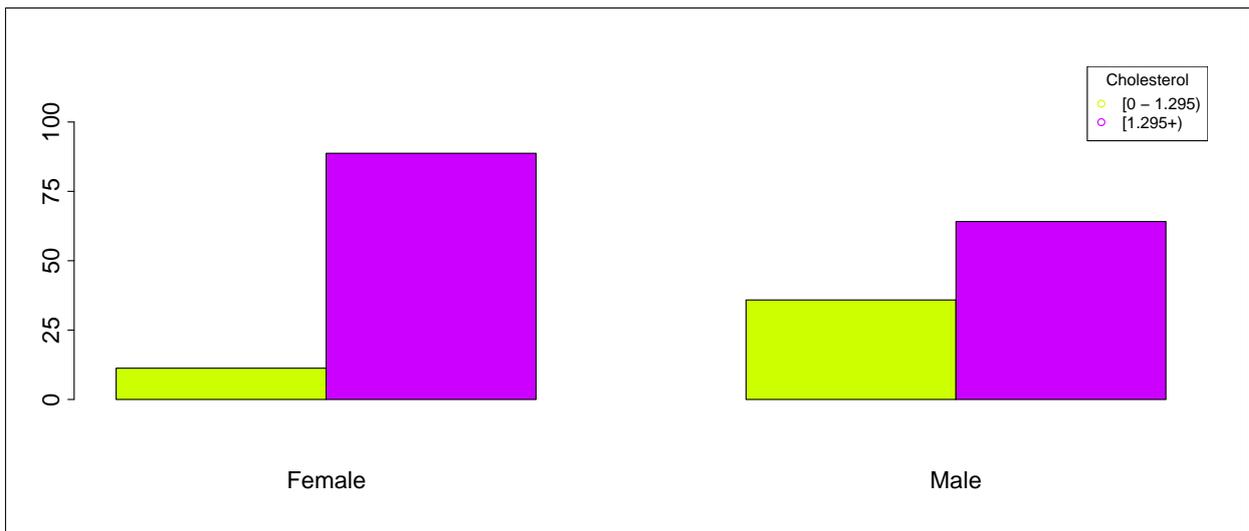
Barplot: 2.2.3.4.6 - Cholesterol (by Age)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**

---



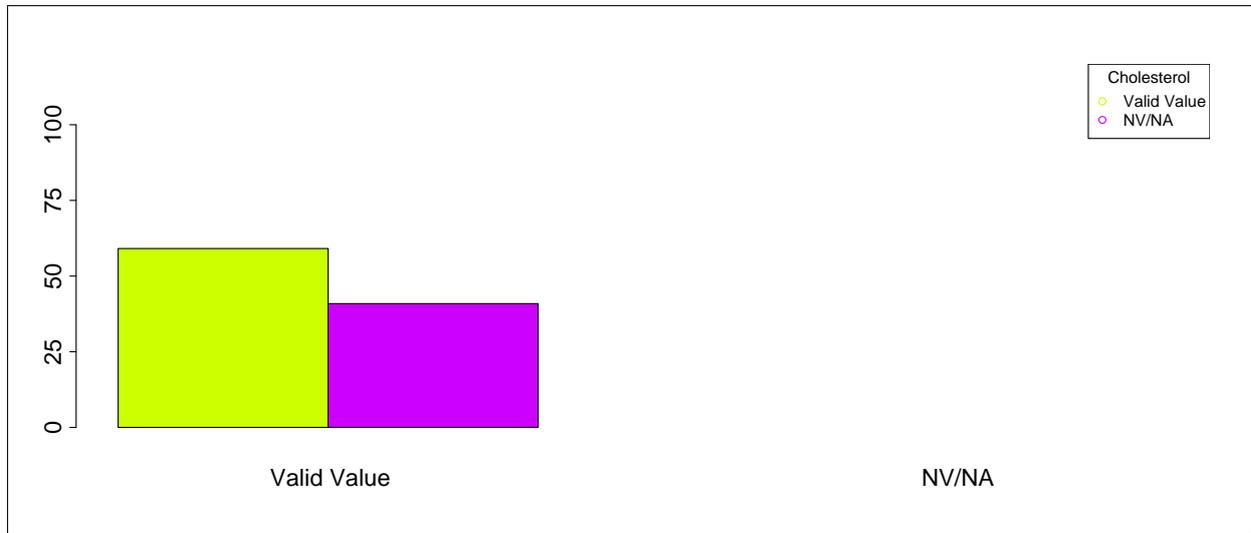
Barplot: 2.2.3.4.7 - Missing Data Cholesterol (by Gender, Type of Diabetes = Type 1)



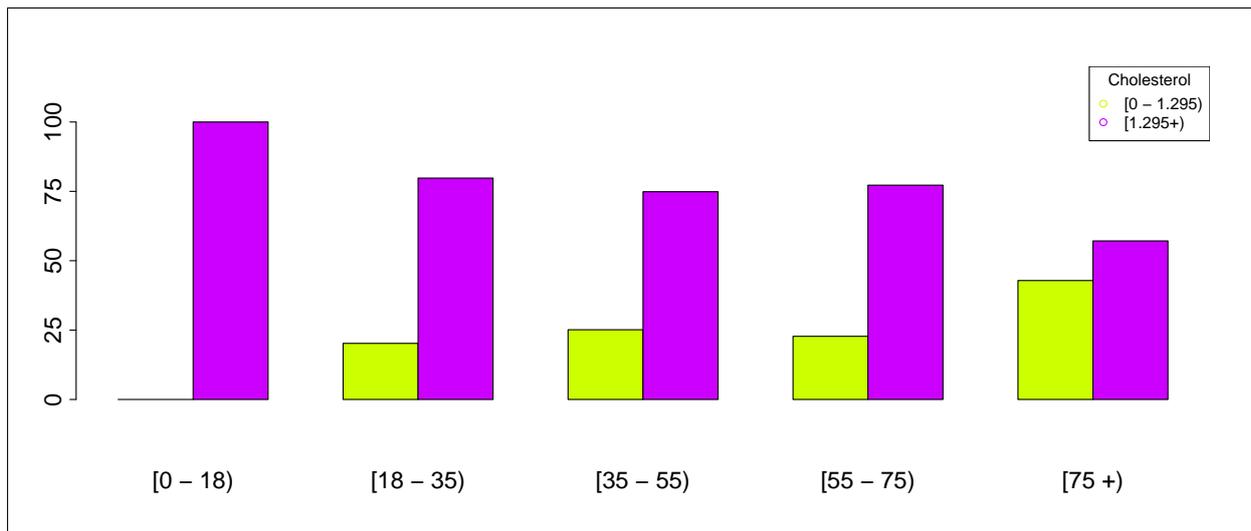
Barplot: 2.2.3.4.8 - Cholesterol (by Gender, Type of Diabetes = Type 1)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**

---



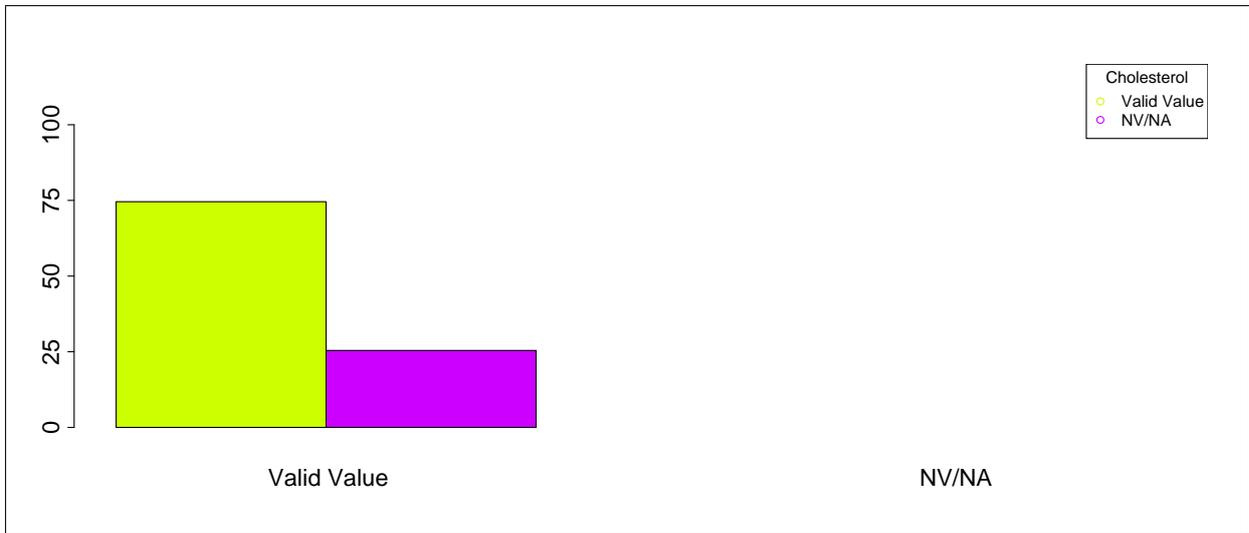
Barplot: 2.2.3.4.9 - Missing Data Cholesterol (by Age, Type of Diabetes = Type 1)



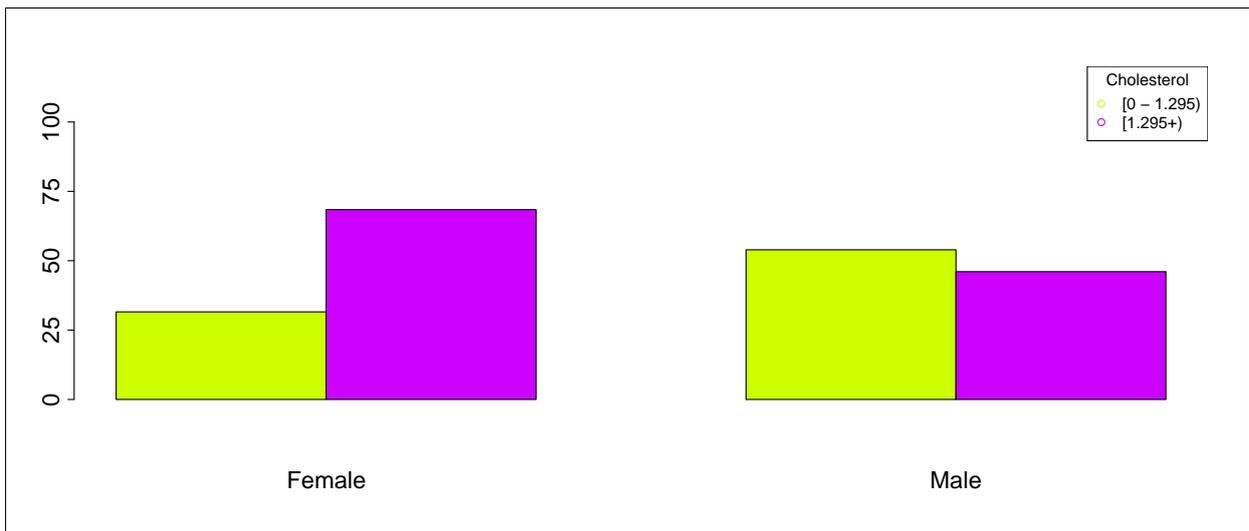
Barplot: 2.2.3.4.10 - Cholesterol (by Age, Type of Diabetes = Type 1)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 2**

---



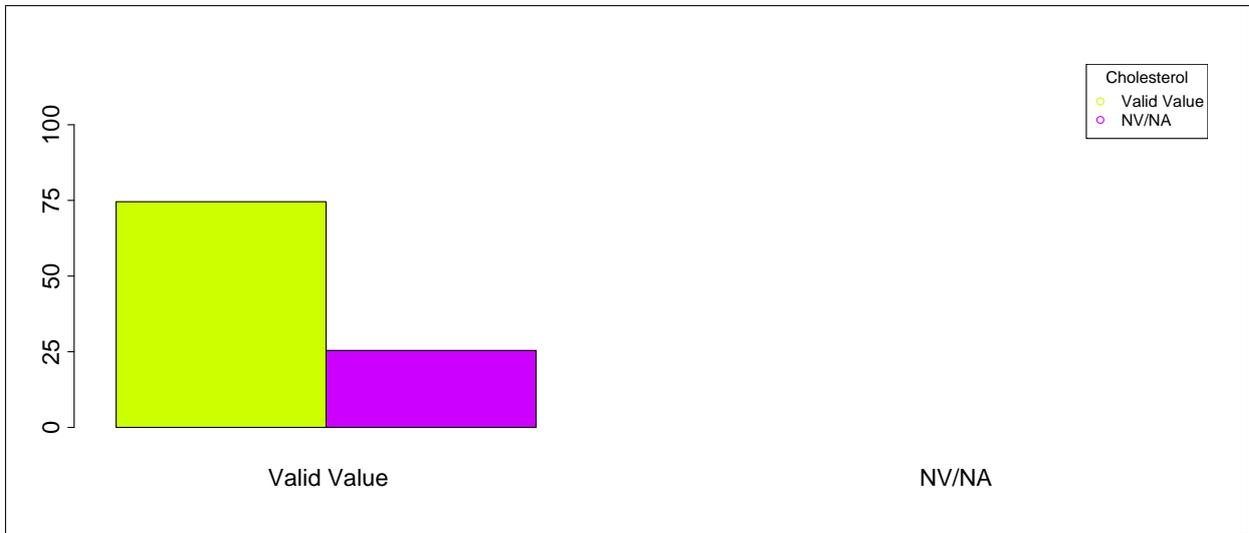
Barplot: 2.2.3.4.11 - Missing Data Cholesterol (by Gender, Type of Diabetes = Type 2)



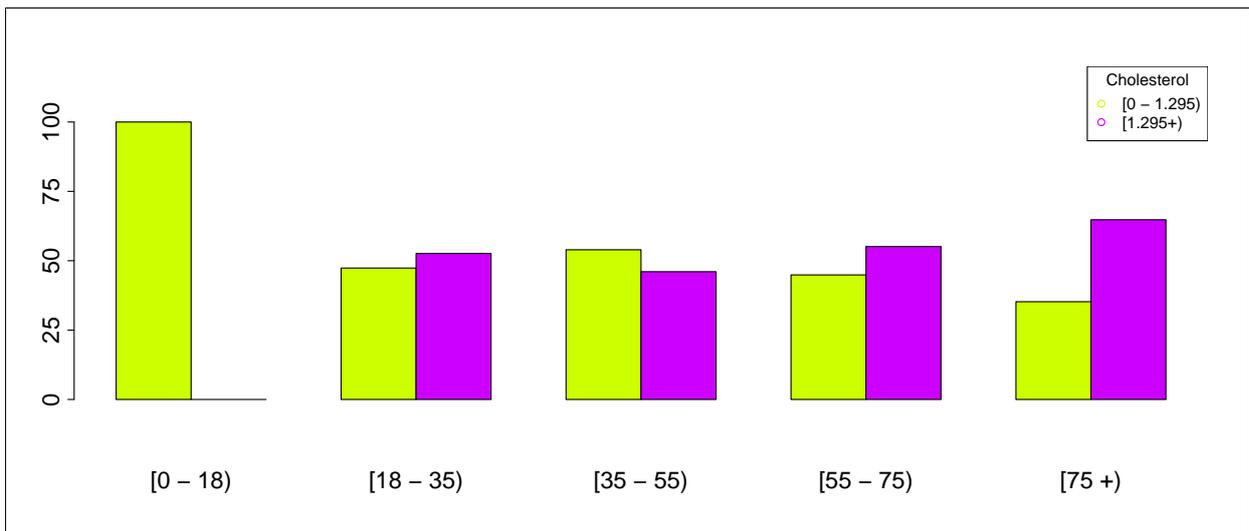
Barplot: 2.2.3.4.12 - Cholesterol (by Gender, Type of Diabetes = Type 2)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
Type of Diabetes = Type 2

---



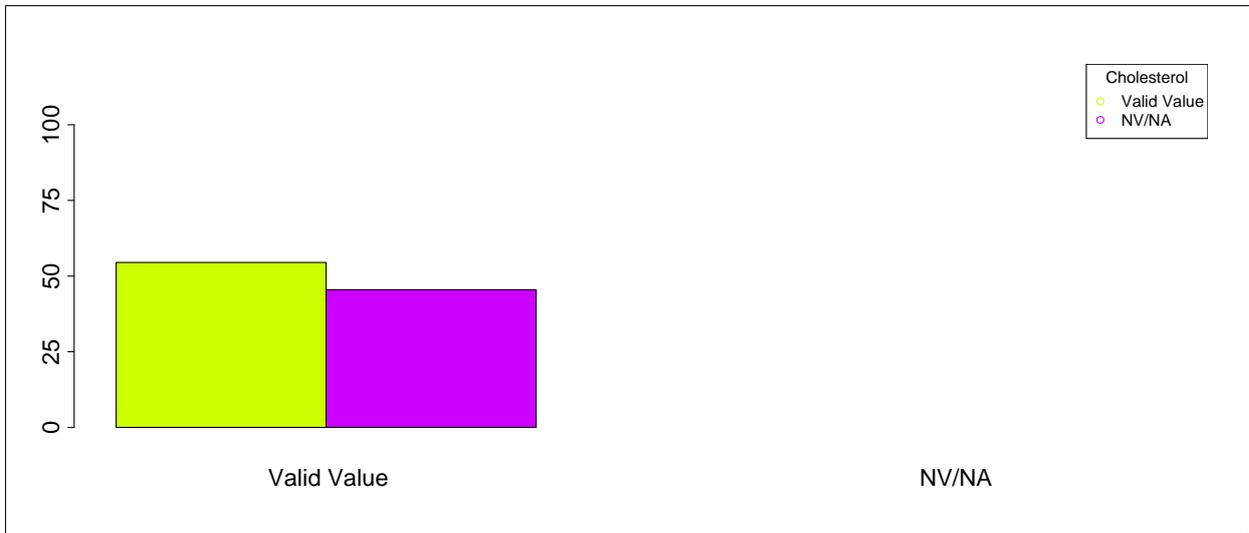
Barplot: 2.2.3.4.13 - Missing Data Cholesterol (by Age, Type of Diabetes = Type 2)



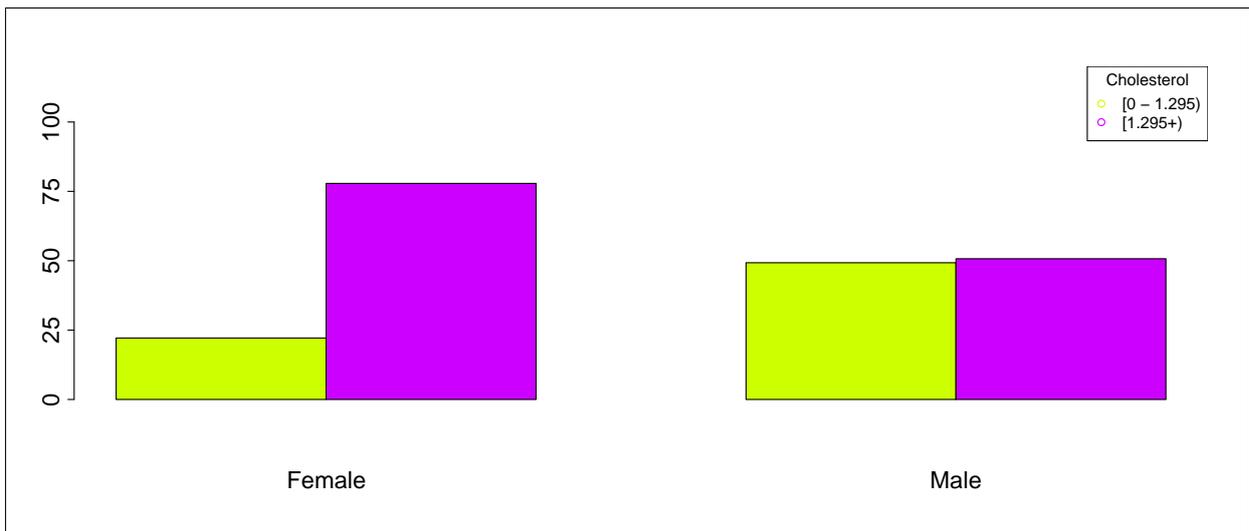
Barplot: 2.2.3.4.14 - Cholesterol (by Age, Type of Diabetes = Type 2)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
Type of Diabetes = Other Type

---



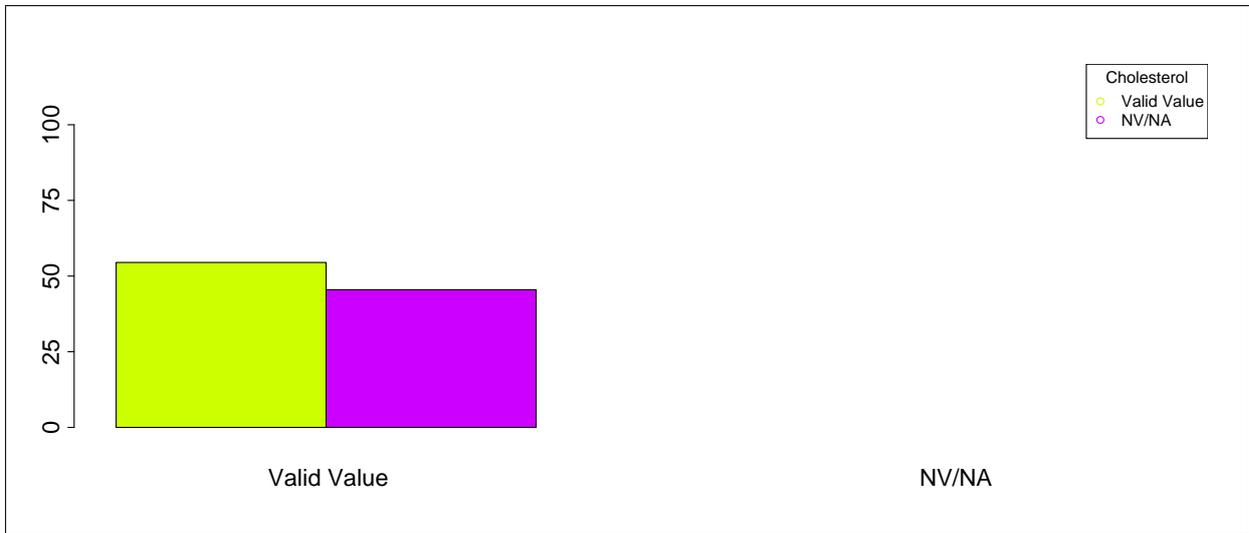
Barplot: 2.2.3.4.15 - Missing Data Cholesterol (by Gender, Type of Diabetes = Other Type)



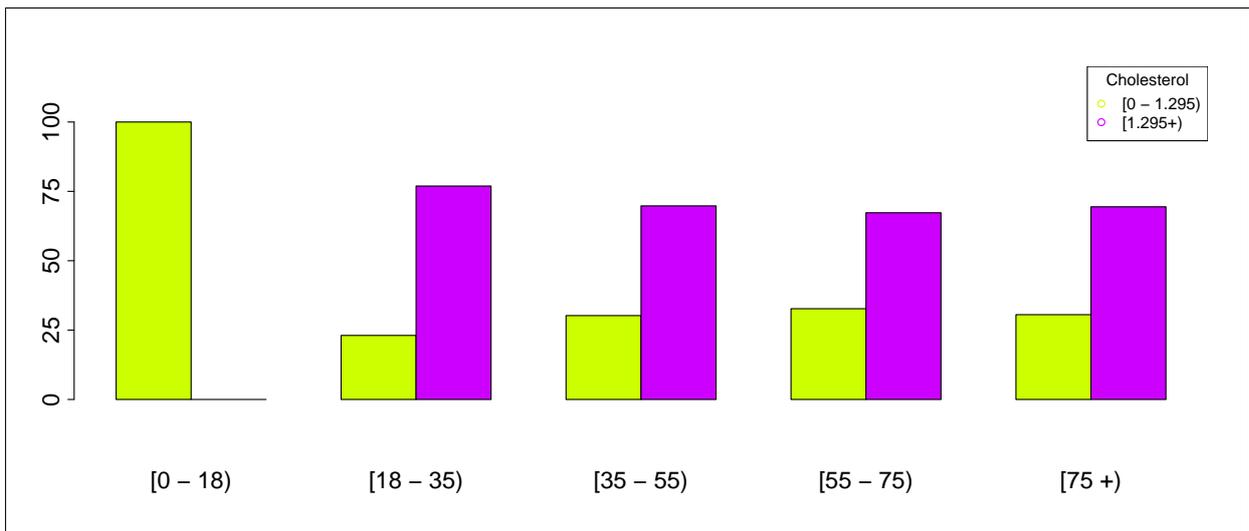
Barplot: 2.2.3.4.16 - Cholesterol (by Gender, Type of Diabetes = Other Type)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
Type of Diabetes = Other Type

---

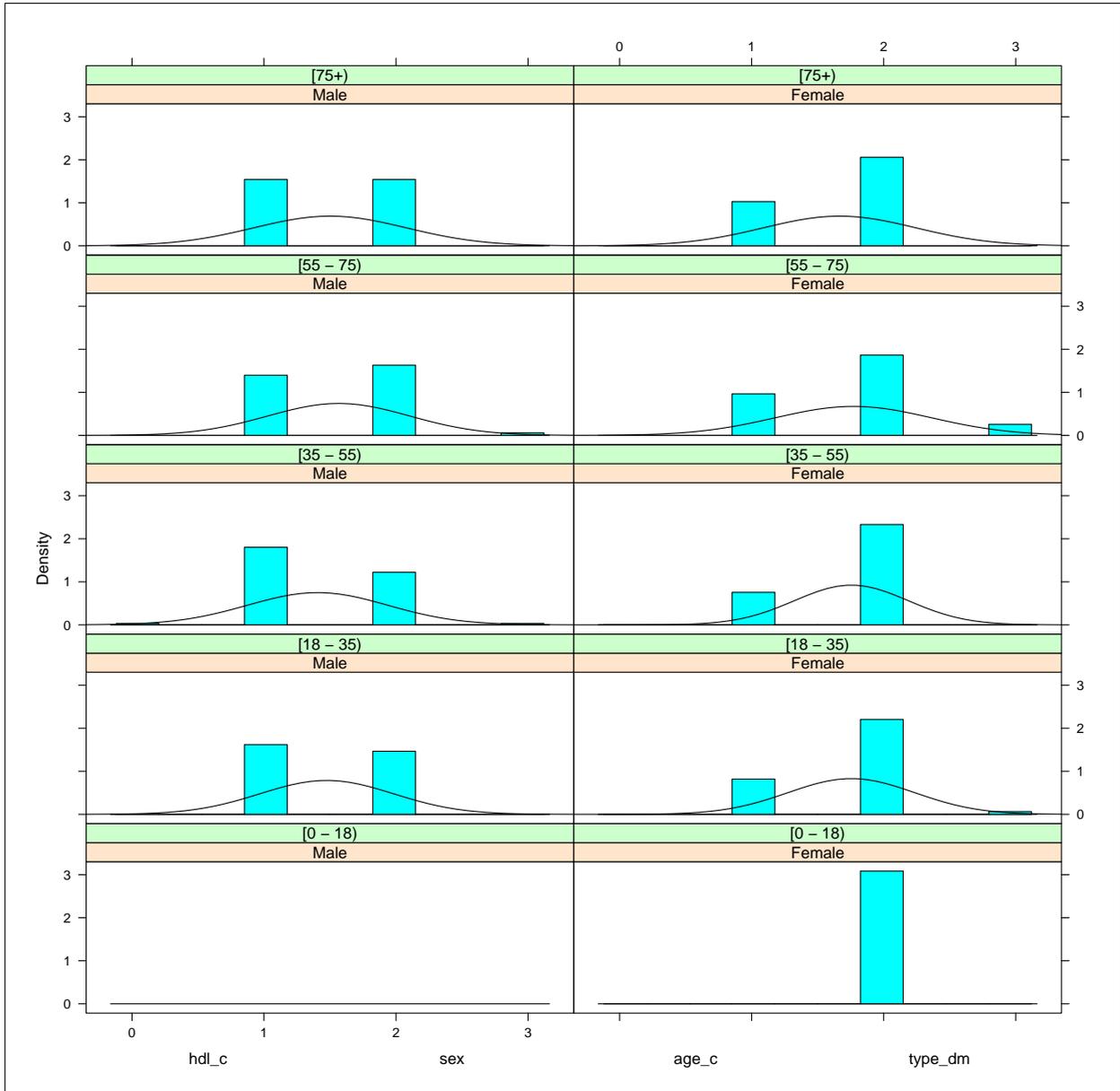


Barplot: 2.2.3.4.17 - Missing Data Cholesterol (by Age, Type of Diabetes = Other Type)



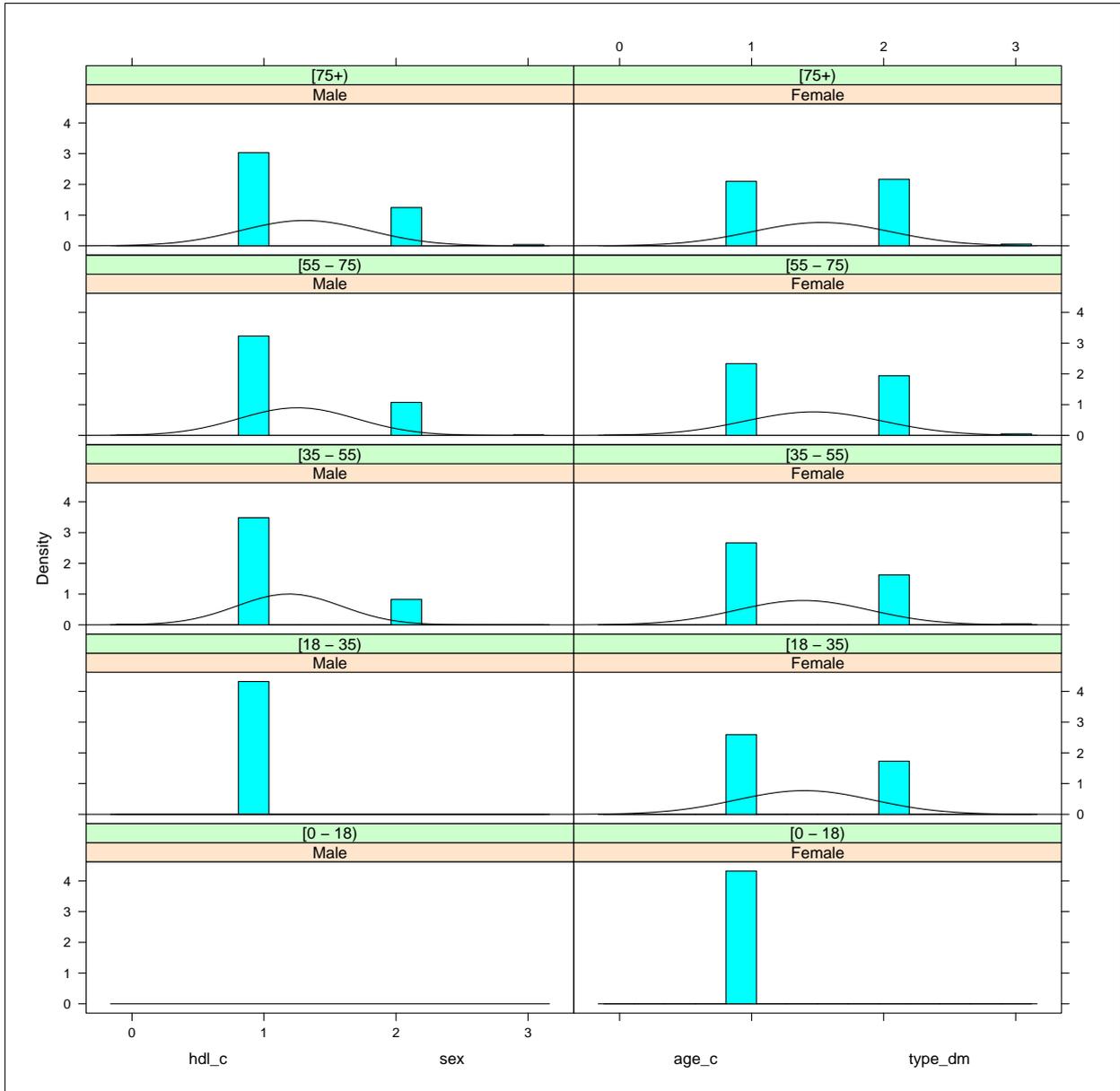
Barplot: 2.2.3.4.18 - Cholesterol (by Age, Type of Diabetes = Other Type)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**



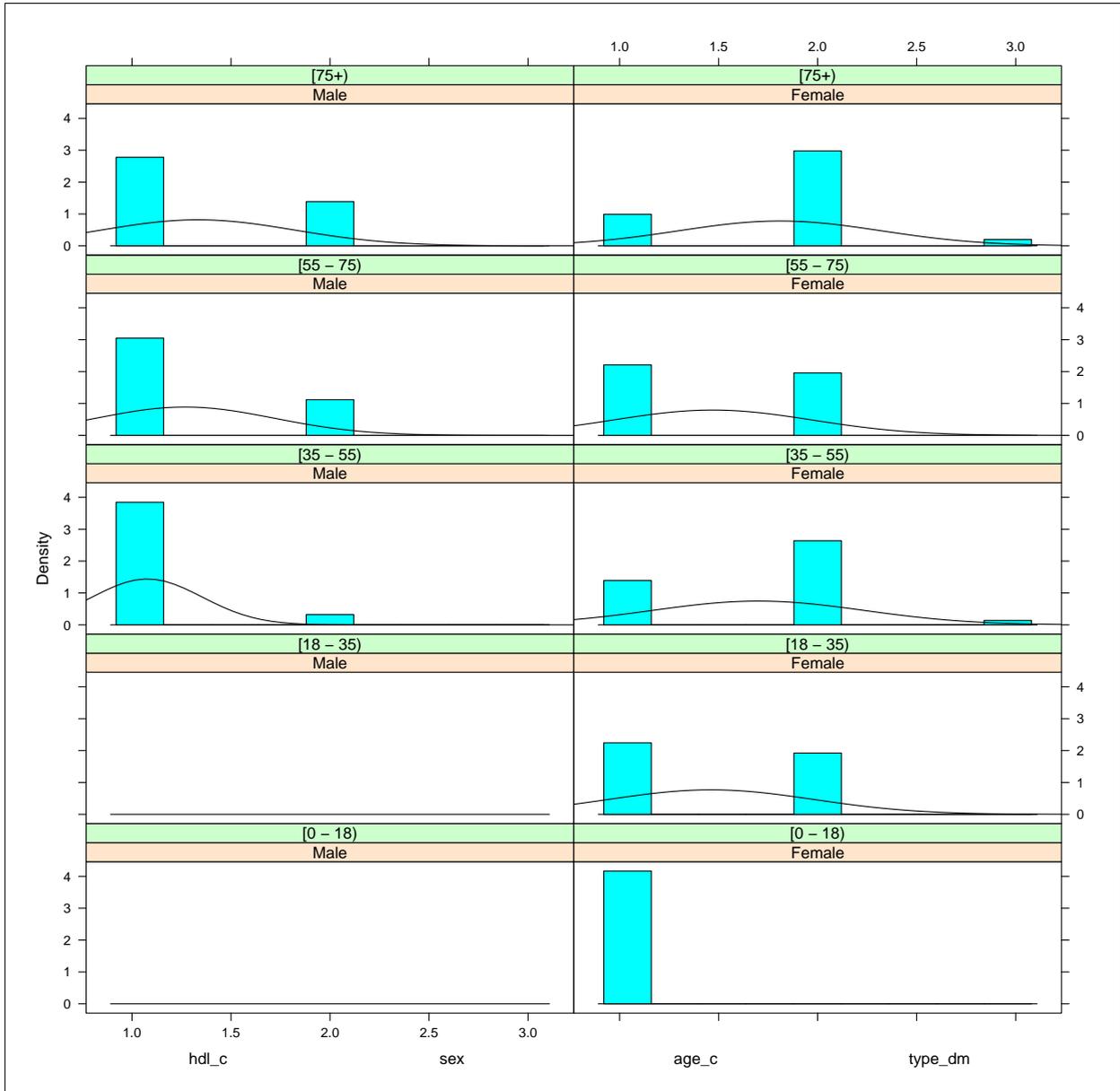
Trellis Barplot: 2.2.3.4.19 - \* Cholesterol \* Gender (Type of Diabetes = Type 1)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 2**



Trellis Barplot: 2.2.3.4.20 - \* Cholesterol \* Gender (Type of Diabetes = Type 2)

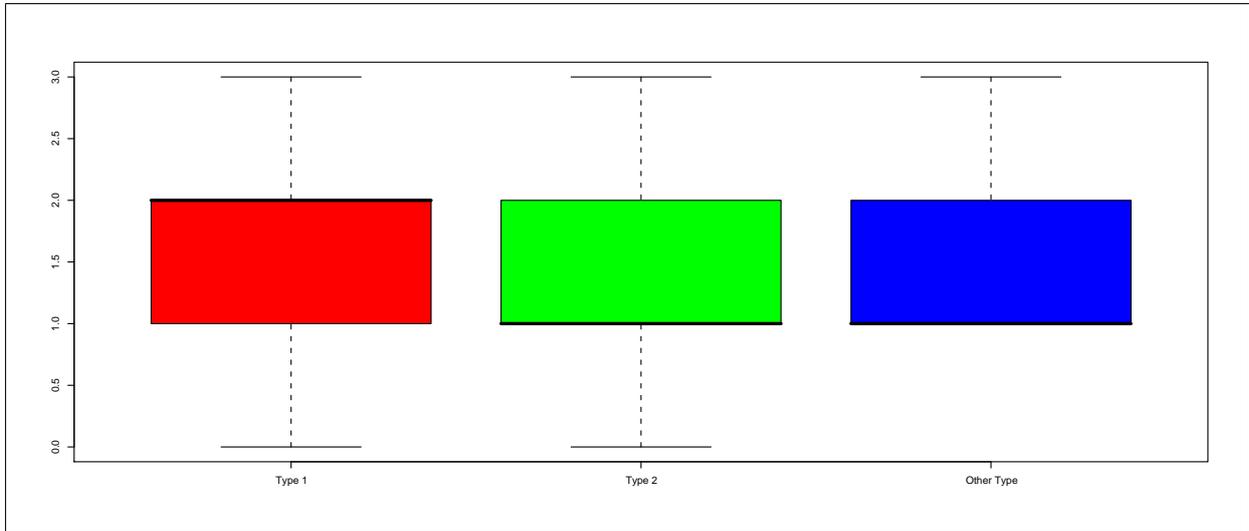
2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Other Type**



Trellis Barplot: 2.2.3.4.21 - \* Cholesterol \* Gender (Type of Diabetes = Other Type)

### 2.2.3.4. HDL-cholesterol (last episode in 12 months)

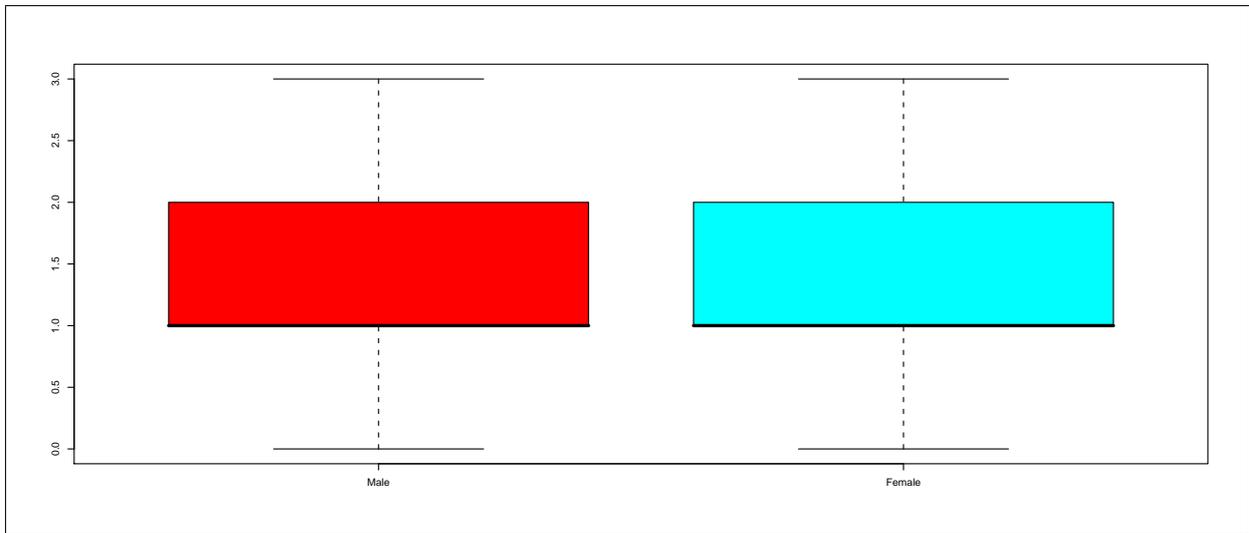
---



Boxplot: 2.2.3.4.1 - Cholesterol (by Type of Diabetes)

#### 2.2.3.4. HDL-cholesterol (last episode in 12 months)

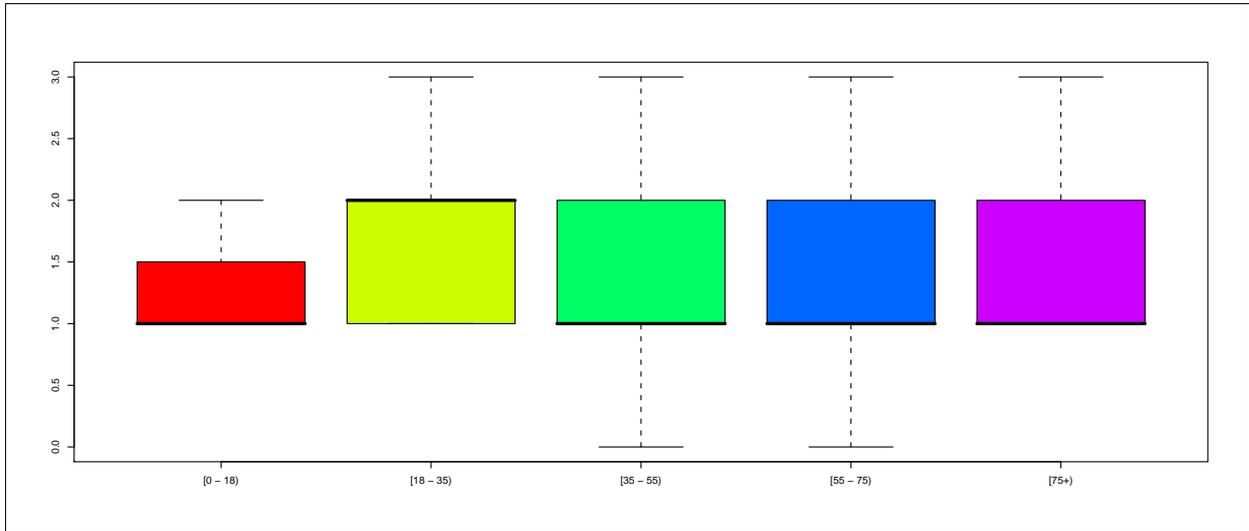
---



Boxplot: 2.2.3.4.2 - Cholesterol (by Gender)

### 2.2.3.4. HDL-cholesterol (last episode in 12 months)

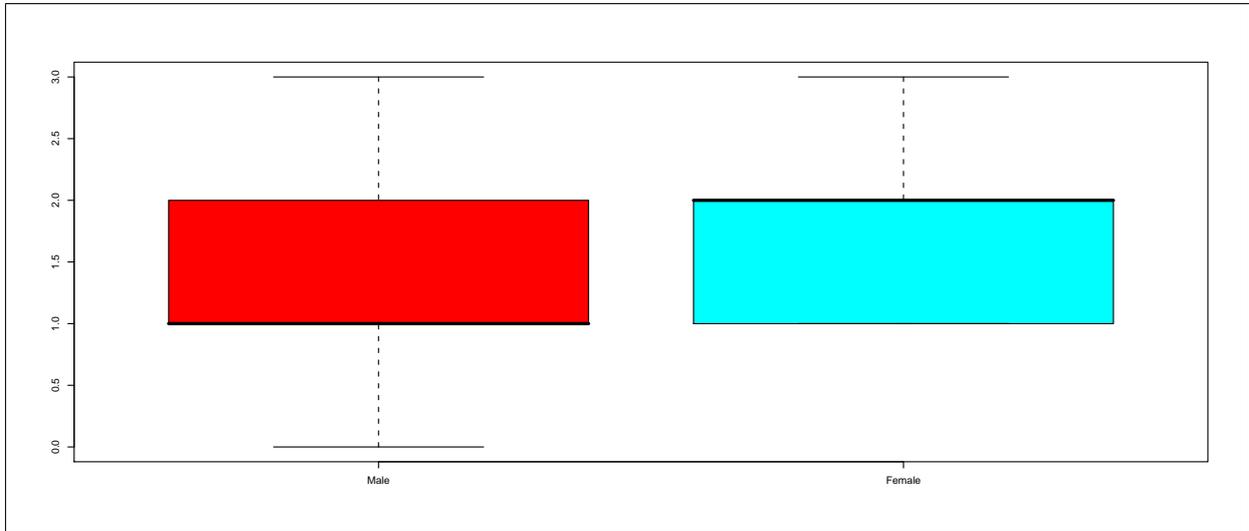
---



Boxplot: 2.2.3.4.3 - Cholesterol (by Age)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**

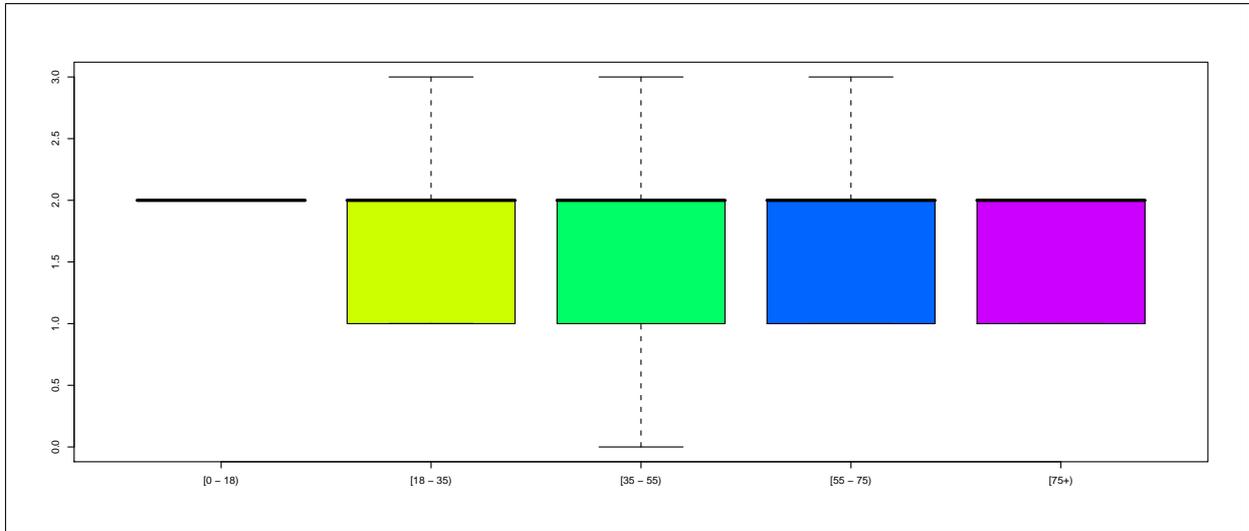
---



Boxplot: 2.2.3.4.4 - Cholesterol (by Gender, Type of Diabetes = Type 1)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**

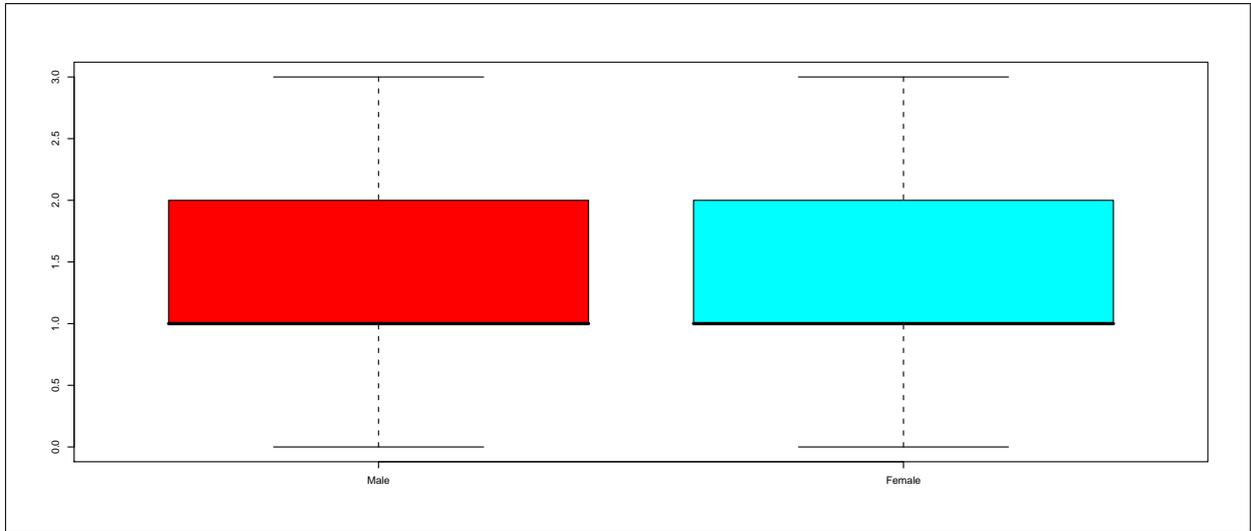
---



Boxplot: 2.2.3.4.5 - Cholesterol (by Age, Type of Diabetes = Type 1)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 2**

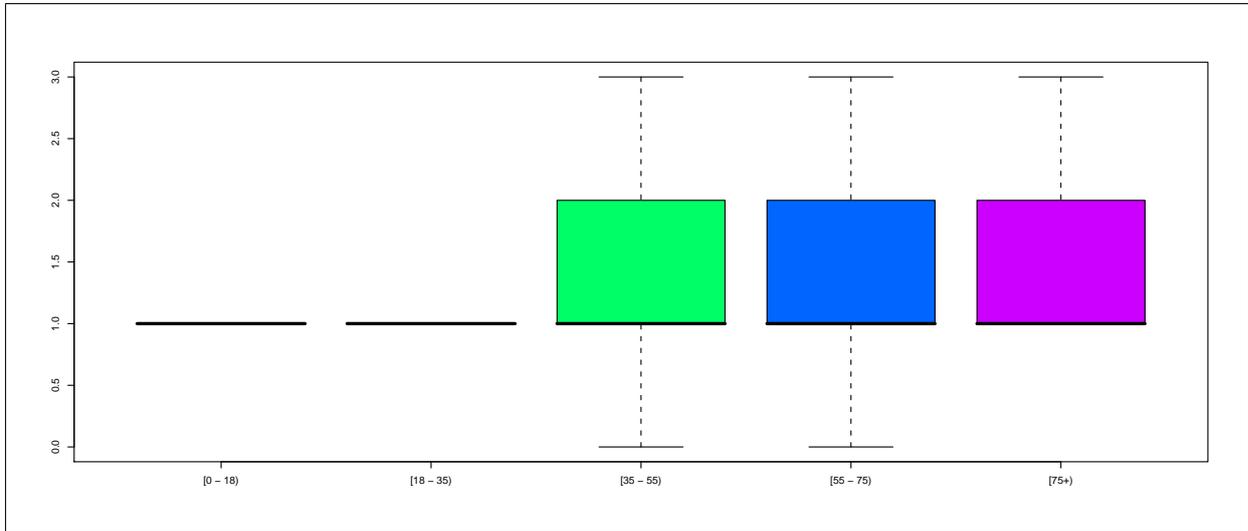
---



Boxplot: 2.2.3.4.6 - Cholesterol (by Gender, Type of Diabetes = Type 2)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
Type of Diabetes = Type 2

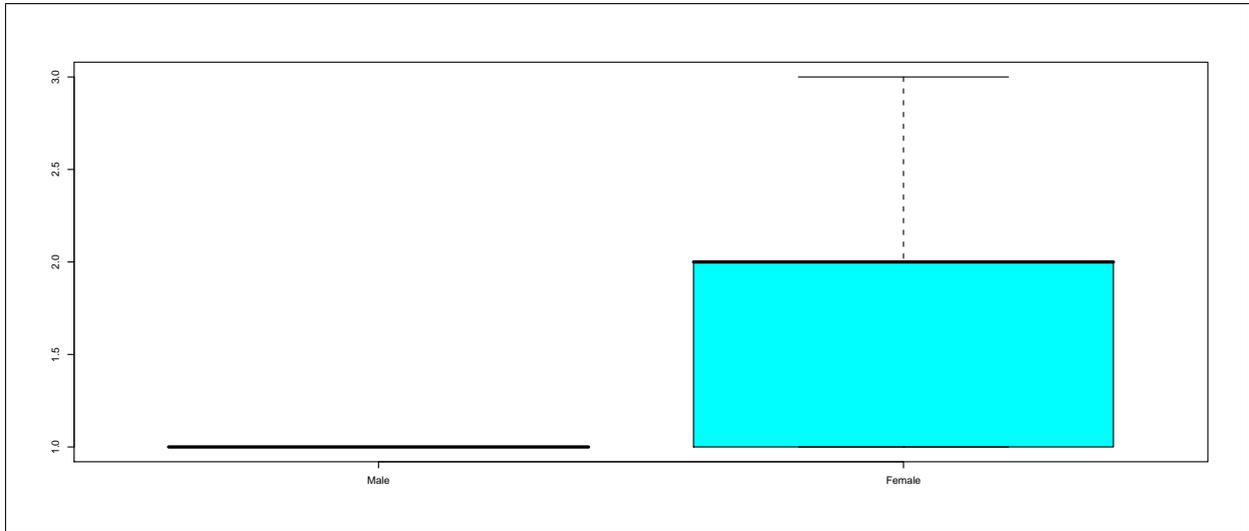
---



Boxplot: 2.2.3.4.7 - Cholesterol (by Age, Type of Diabetes = Type 2)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Other Type**

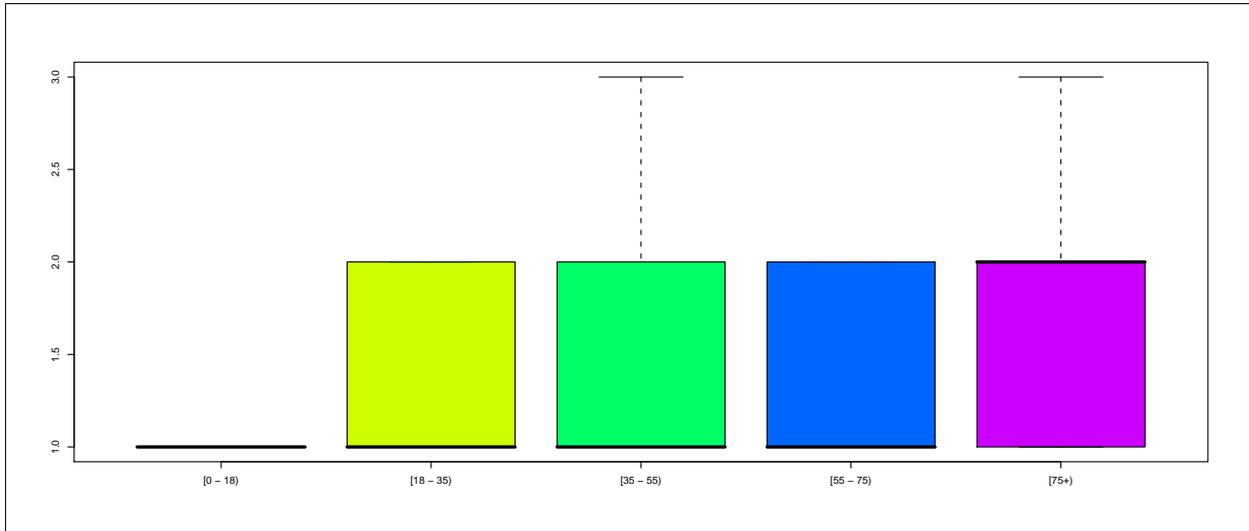
---



Boxplot: 2.2.3.4.8 - Cholesterol (by Gender, Type of Diabetes = Other Type)

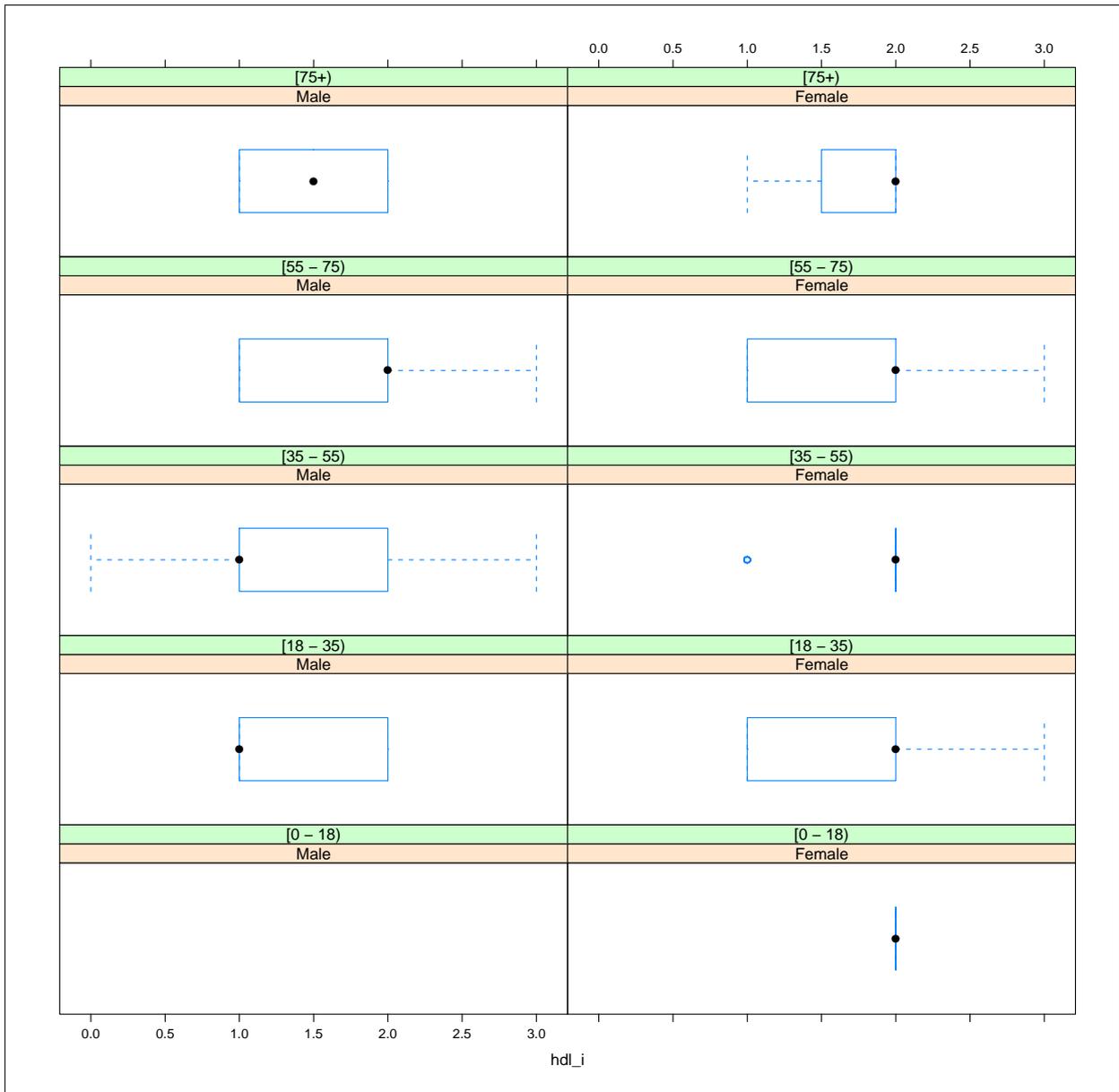
2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Other Type**

---



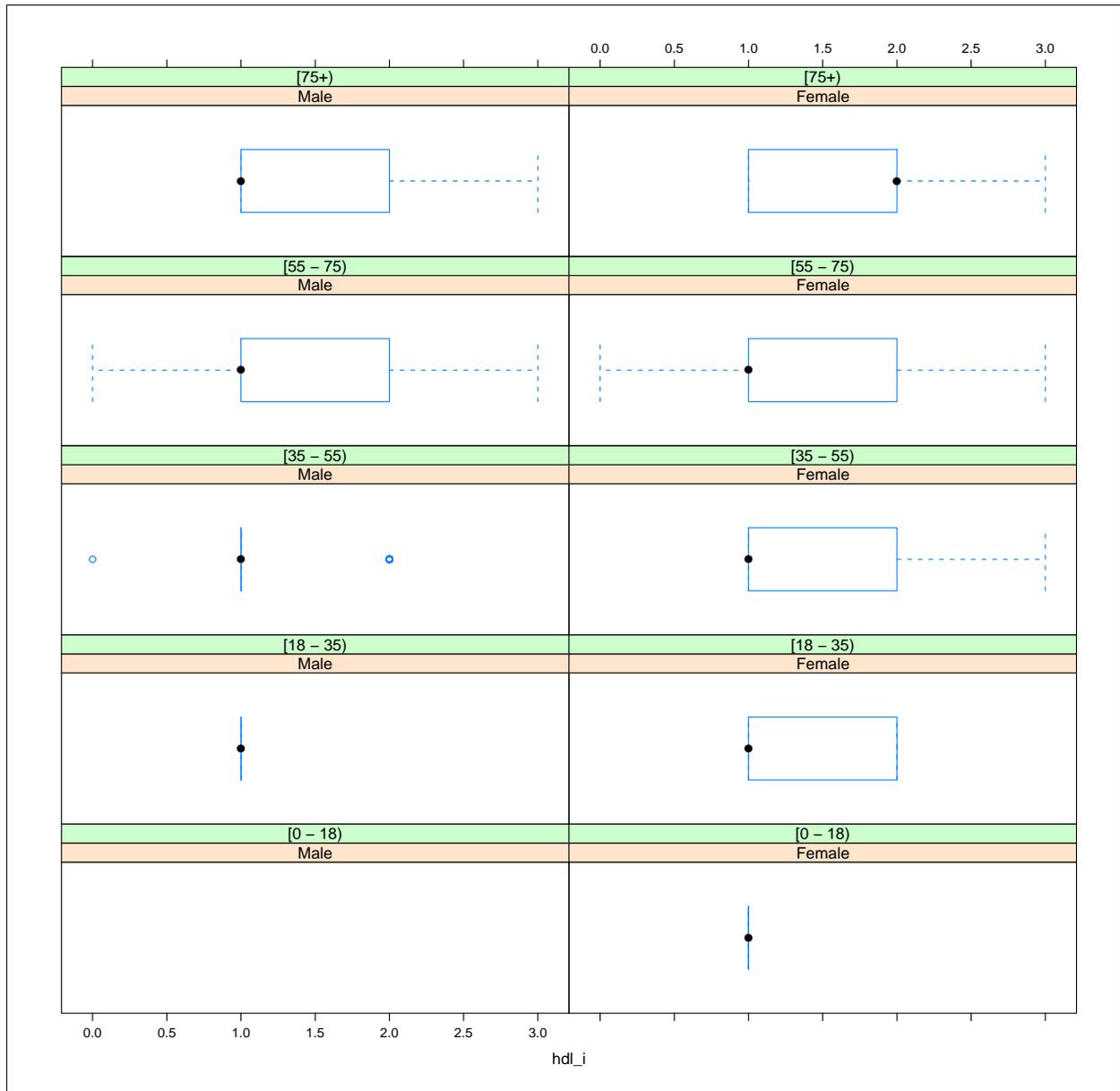
Boxplot: 2.2.3.4.9 - Cholesterol (by Age, Type of Diabetes = Other Type)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 1**



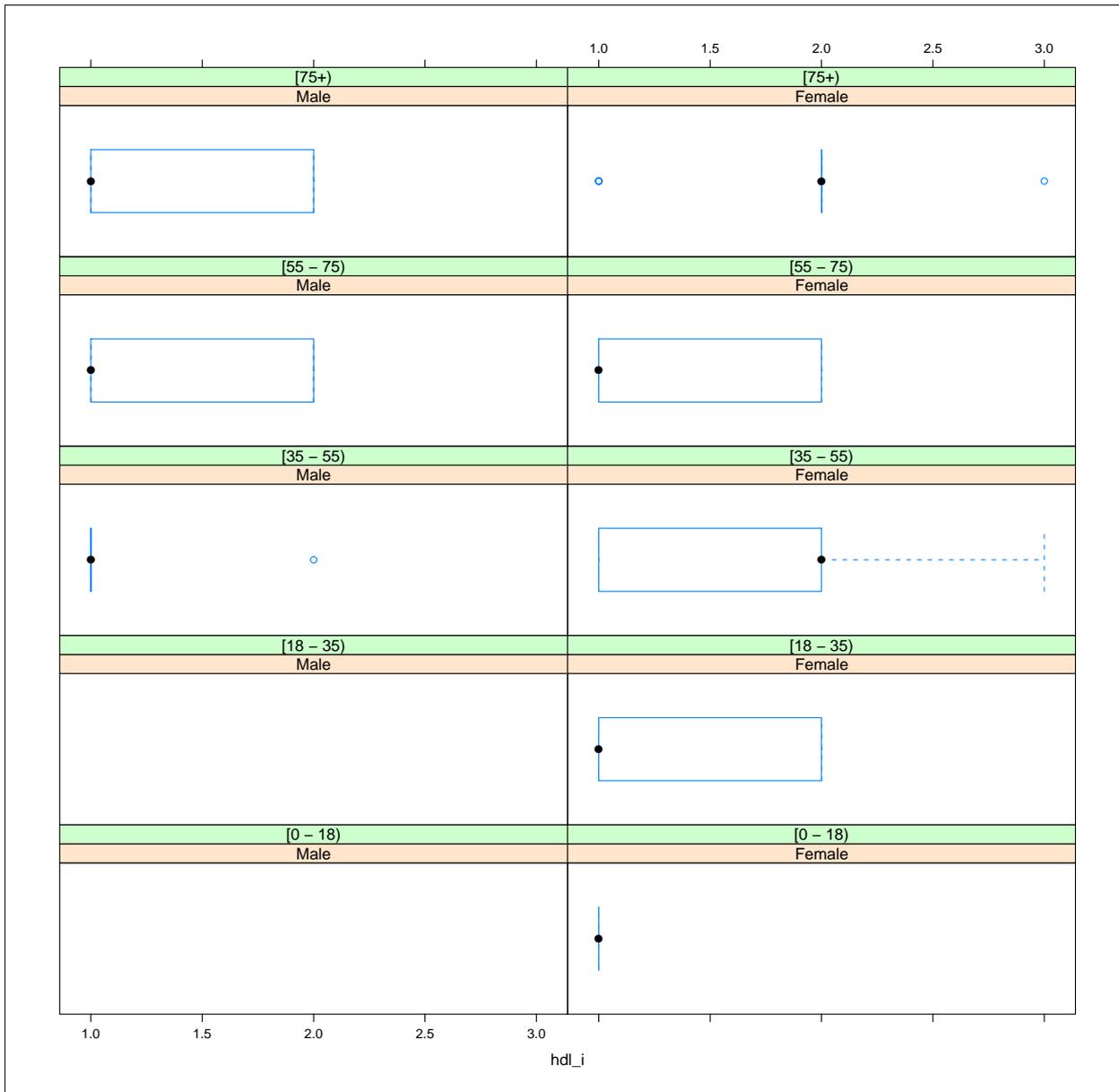
Trellis Boxplot: 2.2.3.4.10 - Cholesterol \* Gender \* Age (Type of Diabetes = Type 1)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Type 2**



Trellis Boxplot: 2.2.3.4.11 - Cholesterol \* Gender \* Age (Type of Diabetes = Type 2)

2.2.3.4. HDL-cholesterol (last episode in 12 months)  
**Type of Diabetes = Other Type**



Trellis Boxplot: 2.2.3.4.12 - Cholesterol \* Gender \* Age (Type of Diabetes = Other Type)

### 2.2.3.5 Creatinine (last episode in 12 months)

Cratinine	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6353 ( 65.2)	0( 0.0)		6353 ( 65.2)
NV/NA	3386 ( 34.8)	0( 0.0)		3386 ( 34.8)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.5.1: Missing Data Cratinine (by Type of Diabetes)

Cratinine	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
[0 - 50)	6 ( 1.8)	79 ( 1.3)	9( 6.7)	94 ( 1.5)
[50 - 100)	278 ( 81.3)	4190 ( 71.3)	101( 75.4)	4569 ( 71.9)
[100 - 150)	45 ( 13.2)	1334 ( 22.7)	21( 15.7)	1400 ( 22.0)
[150+)	13 ( 3.8)	274 ( 4.7)	3( 2.2)	290 ( 4.6)
TOTAL	342( 5.4)	5877( 92.5)	134( 2.1)	6353 (100.0)

Table 2.2.3.5.2: Cratinine (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	48.4664	0	6

2.2.3.5 Creatinine (last episode in 12 months)

Cratinine	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6353 ( 65.2)	0( 0.0)		6353 ( 65.2)
NV/NA	3386 ( 34.8)	0( 0.0)		3386 ( 34.8)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.5.3: Missing Data Cratinine (by Gender)

Cratinine	Gender			N ( % )
	Male ( % )	Female ( % )		
[0 - 50)	10 ( 0.3)	84( 2.8)		94 ( 1.5)
[50 - 100)	2124 ( 63.0)	2445( 82.0)		4569 ( 71.9)
[100 - 150)	1027 ( 30.4)	373( 12.5)		1400 ( 22.0)
[150+)	212 ( 6.3)	78( 2.6)		290 ( 4.6)
TOTAL	3373( 53.1)	2980( 46.9)		6353 (100.0)

Table 2.2.3.5.4: Cratinine (by Gender)

	CMH Chi-Square	p.value	df
Value	425.5535	0	3

2.2.3.5 Creatinine (last episode in 12 months)

Cratinine	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	6353 ( 65.2)	0( 0.0)		6353 ( 65.2)
NV/NA	3386 ( 34.8)	0( 0.0)		3386 ( 34.8)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.5.5: Missing Data Cratinine (by Age)

Cratinine	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 50)	0 ( 0.0)	9 ( 8.2)	19 ( 2.3)	61 ( 1.6)	5( 0.3)	94 ( 1.5)
[50 - 100)	1 ( 50.0)	89 ( 80.9)	674 ( 82.9)	2902 ( 74.6)	903( 58.7)	4569 ( 71.9)
[100 - 150)	1 ( 50.0)	11 ( 10.0)	110 ( 13.5)	794 ( 20.4)	484( 31.5)	1400 ( 22.0)
[150+)	0 ( 0.0)	1 ( 0.9)	10 ( 1.2)	133 ( 3.4)	146( 9.5)	290 ( 4.6)
TOTAL	2( 0.0)	110( 1.7)	813( 12.8)	3890( 61.2)	1538( 24.2)	6353 (100.0)

Table 2.2.3.5.6: Cratinine (by Age)

=====  
 CMH Chi-Square  
 Value    One or more cells have 0 obs  
 =====

2.2.3.5 Creatinine (last episode in 12 months)  
**Type of Diabetes = Type 1**

Cratinine	Gender		
	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	342 ( 51.4)	0( 0.0)	342 ( 51.4)
NV/NA	323 ( 48.6)	0( 0.0)	323 ( 48.6)
TOTAL	665(100.0)	0( 0.0)	665 (100.0)

Table 2.2.3.5.7: Missing Data Cratinine (by Gender, Type of Diabetes = Type 1)

Cratinine	Gender		
	Male ( % )	Female ( % )	N ( % )
[0 - 50)	0 ( 0.0)	6( 3.4)	6 ( 1.8)
[50 - 100)	120 ( 71.9)	158( 90.3)	278 ( 81.3)
[100 - 150)	39 ( 23.4)	6( 3.4)	45 ( 13.2)
[150+)	8 ( 4.8)	5( 2.9)	13 ( 3.8)
TOTAL	167( 48.8)	175( 51.2)	342 (100.0)

Table 2.2.3.5.8: Cratinine (by Gender, Type of Diabetes = Type 1)

CMH Chi-Square  
 Value One or more cells have 0 obs

2.2.3.5 Creatinine (last episode in 12 months)  
**Type of Diabetes = Type 1**

Cratinine	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	342 ( 51.4)	0( 0.0)		342 ( 51.4)
NV/NA	323 ( 48.6)	0( 0.0)		323 ( 48.6)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 2.2.3.5.9: Missing Data Cratinine (by Age, Type of Diabetes = Type 1)

Cratinine	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 50)	0 ( 0.0)	2 ( 2.6)	3 ( 1.8)	1 ( 1.0)	0( 0.0)	6 ( 1.8)
[50 - 100)	1 (100.0)	64 ( 84.2)	138 ( 83.6)	74 ( 77.1)	1( 25.0)	278 ( 81.3)
[100 - 150)	0 ( 0.0)	9 ( 11.8)	20 ( 12.1)	14 ( 14.6)	2( 50.0)	45 ( 13.2)
[150+)	0 ( 0.0)	1 ( 1.3)	4 ( 2.4)	7 ( 7.3)	1( 25.0)	13 ( 3.8)
TOTAL	1( 0.3)	76( 22.2)	165( 48.2)	96( 28.1)	4( 1.2)	342 (100.0)

Table 2.2.3.5.10: Cratinine (by Age, Type of Diabetes = Type 1)

CMH Chi-Square  
 Value One or more cells have 0 obs

2.2.3.5 Creatinine (last episode in 12 months)  
**Type of Diabetes = Type 1**

Cratinine	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	323( 48.6)	323 ( 48.6)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	342( 51.4)	342 ( 51.4)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	665(100.0)	665 (100.0)

Table 2.2.3.5.11: Missing Data Cratinine (by Gender \* Age, Type of Diabetes = Type 1)

Cratinine	Gender * Age										
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 50)	0 ( 0.0)	0 ( 0.0)	2 ( 4.5)	0 ( 0.0)	3 ( 3.8)	0 ( 0.0)	1 ( 2.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	6 ( 1.8)
[50 - 100)	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)	8 ( 25.0)	2 ( 2.5)	18 ( 21.2)	2 ( 4.1)	12 ( 25.5)	1 ( 100.0)	1 ( 33.3)	45 ( 13.2)
[100 - 150)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 3.1)	0 ( 0.0)	4 ( 4.7)	5 ( 10.2)	2 ( 4.3)	0 ( 0.0)	1 ( 33.3)	13 ( 3.8)
[150+)	1 ( 100.0)	0 ( 0.0)	41 ( 93.2)	23 ( 71.9)	75 ( 93.8)	63 ( 74.1)	41 ( 83.7)	33 ( 70.2)	0 ( 0.0)	1 ( 33.3)	278 ( 81.3)
TOTAL	1 ( 0.3)	0 ( 0.0)	44 ( 12.9)	32 ( 9.4)	80 ( 23.4)	85 ( 24.9)	49 ( 14.3)	47 ( 13.7)	1 ( 0.3)	3 ( 0.9)	342 ( 100.0)

Table 2.2.3.5.12: Cratinine (by Gender \* Age, Type of Diabetes = Type 1)

---

 CMH Chi-Square  
 Value    One or more cells have 0 obs

2.2.3.5 Creatinine (last episode in 12 months)  
**Type of Diabetes = Type 2**

Cratinine	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	5877 ( 67.5)	0( 0.0)		5877 ( 67.5)
NV/NA	2830 ( 32.5)	0( 0.0)		2830 ( 32.5)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 2.2.3.5.13: Missing Data Cratinine (by Gender, Type of Diabetes = Type 2)

Cratinine	Gender			N ( % )
	Male ( % )	Female ( % )		
[0 - 50)	10 ( 0.3)	69( 2.5)		79 ( 1.3)
[50 - 100)	1971 ( 62.4)	2219( 81.7)		4190 ( 71.3)
[100 - 150)	977 ( 30.9)	357( 13.1)		1334 ( 22.7)
[150+)	203 ( 6.4)	71( 2.6)		274 ( 4.7)
TOTAL	3161( 53.8)	2716( 46.2)		5877 (100.0)

Table 2.2.3.5.14: Cratinine (by Gender, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	378.9671	0	3

2.2.3.5 Creatinine (last episode in 12 months)  
**Type of Diabetes = Type 2**

Cratinine	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	5877 ( 67.5)	0( 0.0)		5877 ( 67.5)
NV/NA	2830 ( 32.5)	0( 0.0)		2830 ( 32.5)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 2.2.3.5.15: Missing Data Cratinine (by Age, Type of Diabetes = Type 2)

Cratinine	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 50)	0 ( 0.0)	3 ( 16.7)	12 ( 1.9)	59 ( 1.6)	5( 0.3)	79 ( 1.3)
[50 - 100)	0 ( 0.0)	13 ( 72.2)	519 ( 83.2)	2773 ( 74.5)	885( 58.6)	4190 ( 71.3)
[100 - 150)	1 (100.0)	2 ( 11.1)	87 ( 13.9)	766 ( 20.6)	478( 31.6)	1334 ( 22.7)
[150+)	0 ( 0.0)	0 ( 0.0)	6 ( 1.0)	125 ( 3.4)	143( 9.5)	274 ( 4.7)
TOTAL	1( 0.0)	18( 0.3)	624( 10.6)	3723( 63.3)	1511( 25.7)	5877 (100.0)

Table 2.2.3.5.16: Cratinine (by Age, Type of Diabetes = Type 2)

=====  
 CMH Chi-Square  
 Value    One or more cells have 0 obs  
 =====

2.2.3.5 Creatinine (last episode in 12 months)

**Type of Diabetes = Type 2**

Cratinine	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	2830( 32.5)	2830 ( 32.5)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	5877( 67.5)	5877 ( 67.5)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	8707(100.0)	8707 (100.0)

Table 2.2.3.5.17: Missing Data Cratinine (by Gender \* Age, Type of Diabetes = Type 2)

Cratinine	Gender * Age										
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 50)	0 ( 0.0)	0 ( 0.0)	3 ( 33.3)	0 ( 0.0)	9 ( 3.8)	3 ( 0.8)	53 ( 3.2)	6 ( 0.3)	4 ( 0.5)	1 ( 0.1)	79 ( 1.3)
[50 - 100)	1 (100.0)	0 ( 0.0)	0 ( 0.0)	2 ( 22.2)	4 ( 1.7)	83 ( 21.3)	144 ( 8.8)	622 ( 29.9)	208 ( 25.0)	270( 39.7)	1334 ( 22.7)
[100 - 150)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	3 ( 1.3)	3 ( 0.8)	23 ( 1.4)	102 ( 4.9)	45 ( 5.4)	98( 14.4)	274 ( 4.7)
[150+)	0 ( 0.0)	0 ( 0.0)	6 ( 66.7)	7 ( 77.8)	219 ( 93.2)	300 ( 77.1)	1420 ( 86.6)	1353 ( 65.0)	574 ( 69.1)	311( 45.7)	4190 ( 71.3)
TOTAL	1( 0.0)	0( 0.0)	9( 0.2)	9( 0.2)	235( 4.0)	389( 6.6)	1640( 27.9)	2083( 35.4)	831( 14.1)	680( 11.6)	5877 (100.0)

Table 2.2.3.5.18: Cratinine (by Gender \* Age, Type of Diabetes = Type 2)

\_\_\_\_\_  
 CMH Chi-Square  
 \_\_\_\_\_  
 Value    One or more cells have 0 obs  
 \_\_\_\_\_

2.2.3.5 Creatinine (last episode in 12 months)  
**Type of Diabetes = Other Type**

Cratinine	Gender		
	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	134 ( 36.5)	0( 0.0)	134 ( 36.5)
NV/NA	233 ( 63.5)	0( 0.0)	233 ( 63.5)
TOTAL	367(100.0)	0( 0.0)	367 (100.0)

Table 2.2.3.5.19: Missing Data Cratinine (by Gender, Type of Diabetes = Other Type)

Cratinine	Gender		N ( % )
	Male ( % )	Female ( % )	
[0 - 50)	0 ( 0.0)	9( 10.1)	9 ( 6.7)
[50 - 100)	33 ( 73.3)	68( 76.4)	101 ( 75.4)
[100 - 150)	11 ( 24.4)	10( 11.2)	21 ( 15.7)
[150+)	1 ( 2.2)	2( 2.2)	3 ( 2.2)
TOTAL	45( 33.6)	89( 66.4)	134 (100.0)

Table 2.2.3.5.20: Cratinine (by Gender, Type of Diabetes = Other Type)

CMH Chi-Square  
 Value One or more cells have 0 obs

2.2.3.5 Creatinine (last episode in 12 months)  
**Type of Diabetes = Other Type**

Cratinine	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	134 ( 36.5)	0( 0.0)		134 ( 36.5)
NV/NA	233 ( 63.5)	0( 0.0)		233 ( 63.5)
TOTAL	367(100.0)	0( 0.0)		367 (100.0)

Table 2.2.3.5.21: Missing Data Cratinine (by Age, Type of Diabetes = Other Type)

Cratinine	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
[0 - 50)	0 ( 0.0)	4 ( 25.0)	4 ( 16.7)	1 ( 1.4)	0( 0.0)	9 ( 6.7)
[50 - 100)	0 ( 0.0)	12 ( 75.0)	17 ( 70.8)	55 ( 77.5)	17( 73.9)	101 ( 75.4)
[100 - 150)	0 ( 0.0)	0 ( 0.0)	3 ( 12.5)	14 ( 19.7)	4( 17.4)	21 ( 15.7)
[150+)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 1.4)	2( 8.7)	3 ( 2.2)
TOTAL	0( 0.0)	16( 11.9)	24( 17.9)	71( 53.0)	23( 17.2)	134 (100.0)

Table 2.2.3.5.22: Cratinine (by Age, Type of Diabetes = Other Type)

---

 CMH Chi-Square  


---

 Value One or more cells have 0 obs  


---

2.2.3.5 Creatinine (last episode in 12 months)  
**Type of Diabetes = Other Type**

Cratinine	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	233( 63.5)	233 ( 63.5)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	134( 36.5)	134 ( 36.5)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	367(100.0)	367 (100.0)

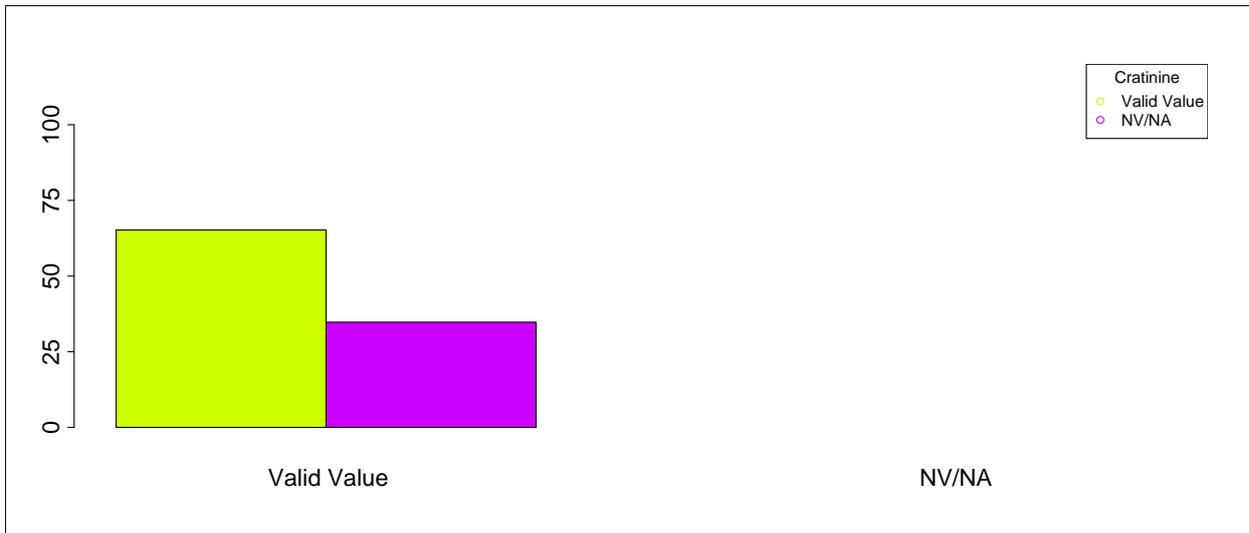
Table 2.2.3.5.23: Missing Data Cratinine (by Gender \* Age, Type of Diabetes = Other Type)

Cratinine	Gender * Age										
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 50)	0 ( 0.0)	0 ( 0.0)	4 ( 25.0)	0 ( 0.0)	4 ( 25.0)	0 ( 0.0)	1 ( 2.3)	0 ( 0.0)	0 ( 0.0)	0( 0.0)	9 ( 6.7)
[50 - 100)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 6.2)	2 ( 25.0)	8 ( 18.6)	6 ( 21.4)	1 ( 7.1)	3( 33.3)	21 ( 15.7)
[100 - 150)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	1 ( 2.3)	0 ( 0.0)	1 ( 7.1)	1( 11.1)	3 ( 2.2)
[150+)	0 ( 0.0)	0 ( 0.0)	12 ( 75.0)	0 ( 0.0)	11 ( 68.8)	6 ( 75.0)	33 ( 76.7)	22 ( 78.6)	12 ( 85.7)	5( 55.6)	101 ( 75.4)
TOTAL	0( 0.0)	0( 0.0)	16( 11.9)	0( 0.0)	16( 11.9)	8( 6.0)	43( 32.1)	28( 20.9)	14( 10.4)	9( 6.7)	134 (100.0)

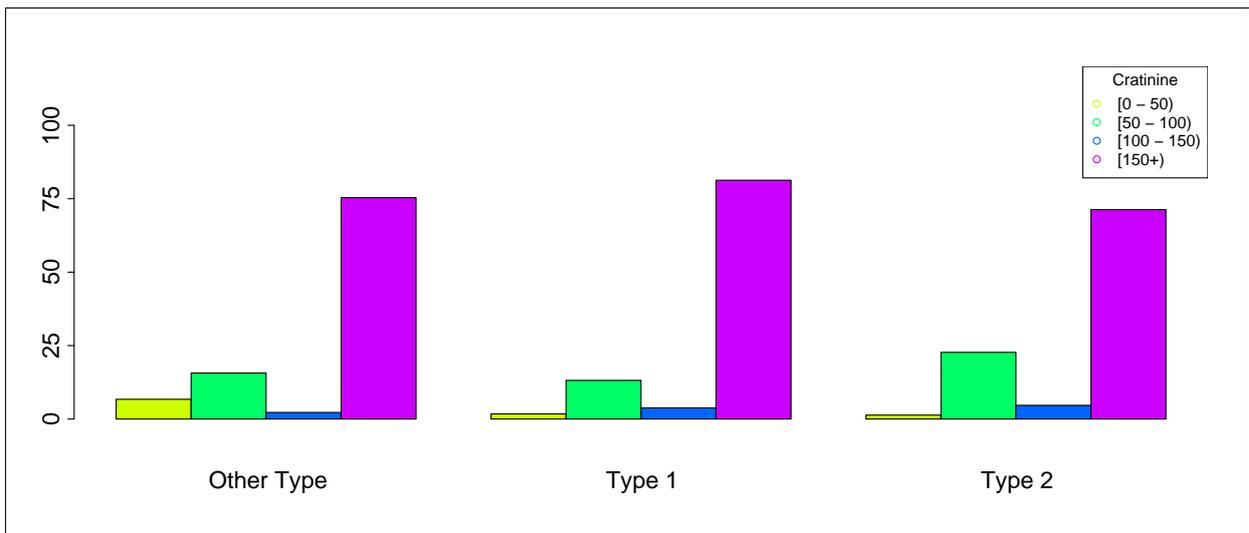
Table 2.2.3.5.24: Cratinine (by Gender \* Age, Type of Diabetes = Other Type)

\_\_\_\_\_  
 CMH Chi-Square  
 \_\_\_\_\_  
 Value    One or more cells have 0 obs  
 \_\_\_\_\_

2.2.3.5 Creatinine (last episode in 12 months)

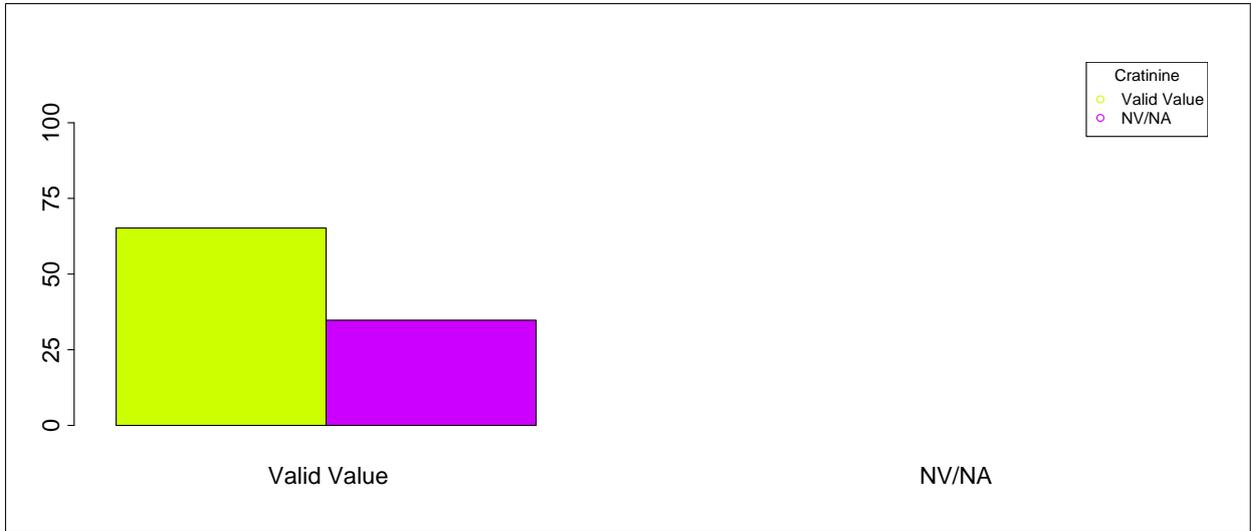


Barplot: 2.2.3.5.1 - Missing Data Cratinine (by Type of Diabetes)

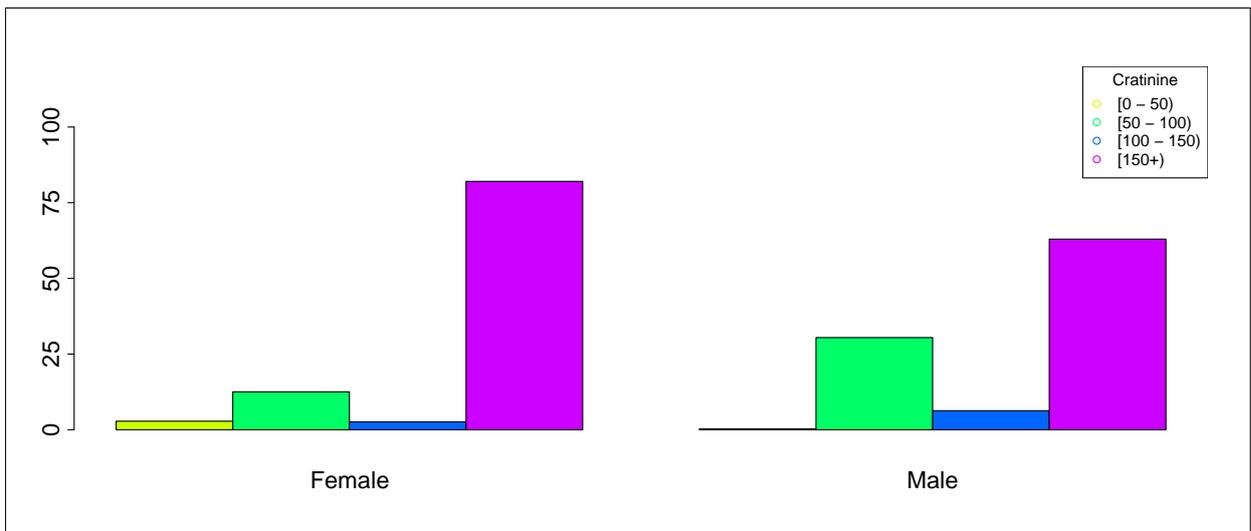


Barplot: 2.2.3.5.2 - Cratinine (by Type of Diabetes)

2.2.3.5 Creatinine (last episode in 12 months)

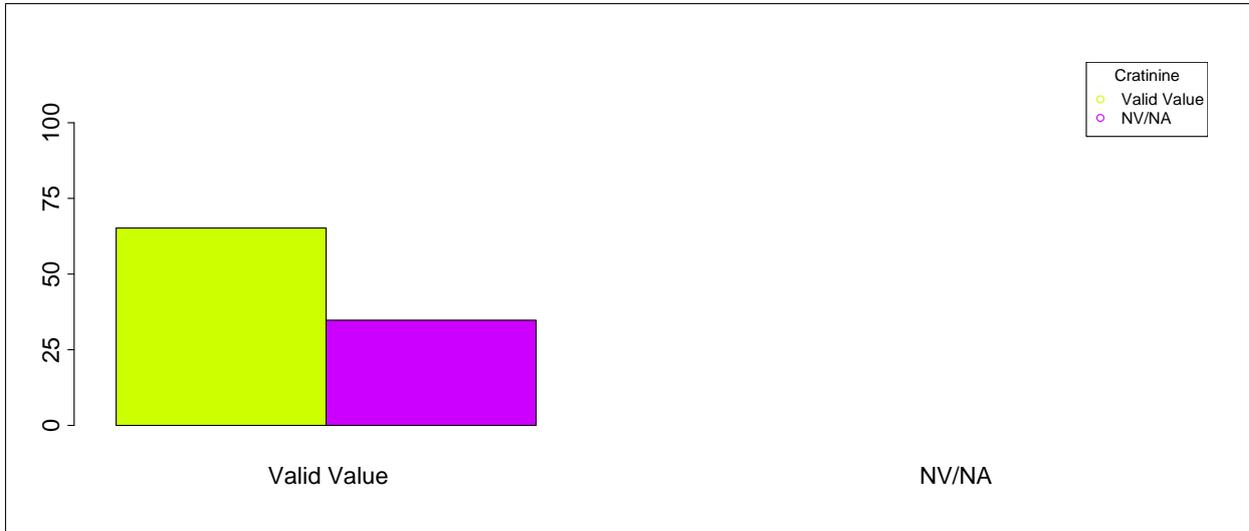


Barplot: 2.2.3.5.3 - Missing Data Cratinine (by Gender)

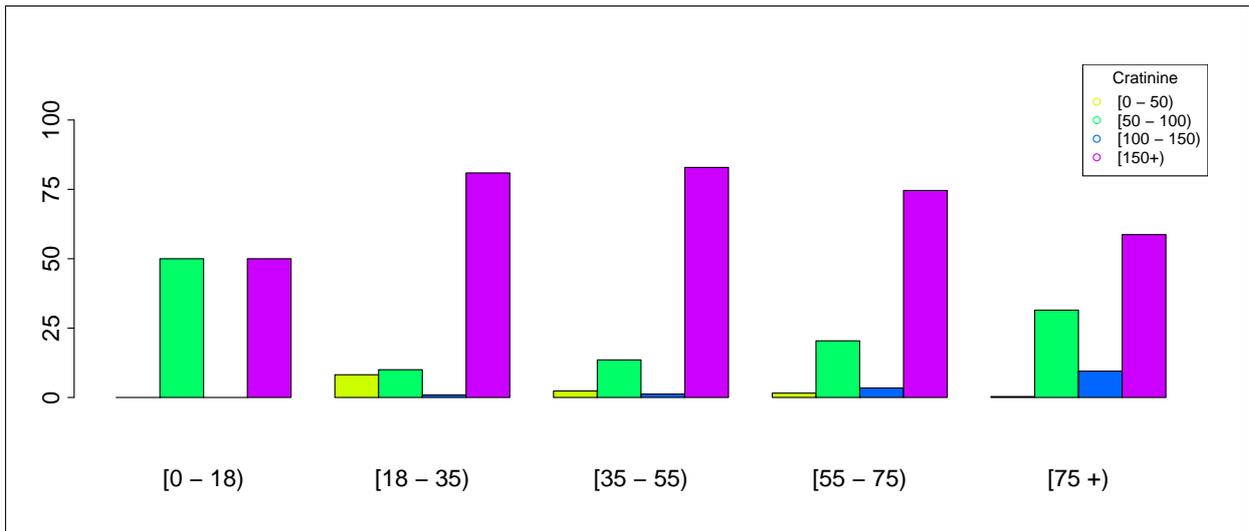


Barplot: 2.2.3.5.4 - Cratinine (by Gender)

2.2.3.5 Creatinine (last episode in 12 months)

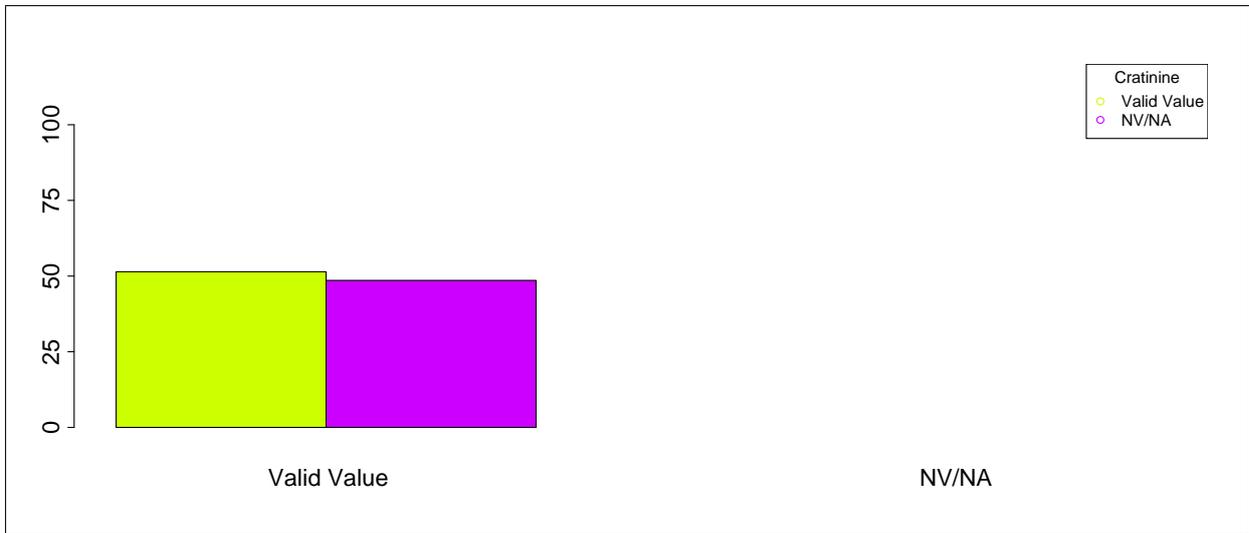


Barplot: 2.2.3.5.5 - Missing Data Cratinine (by Age)

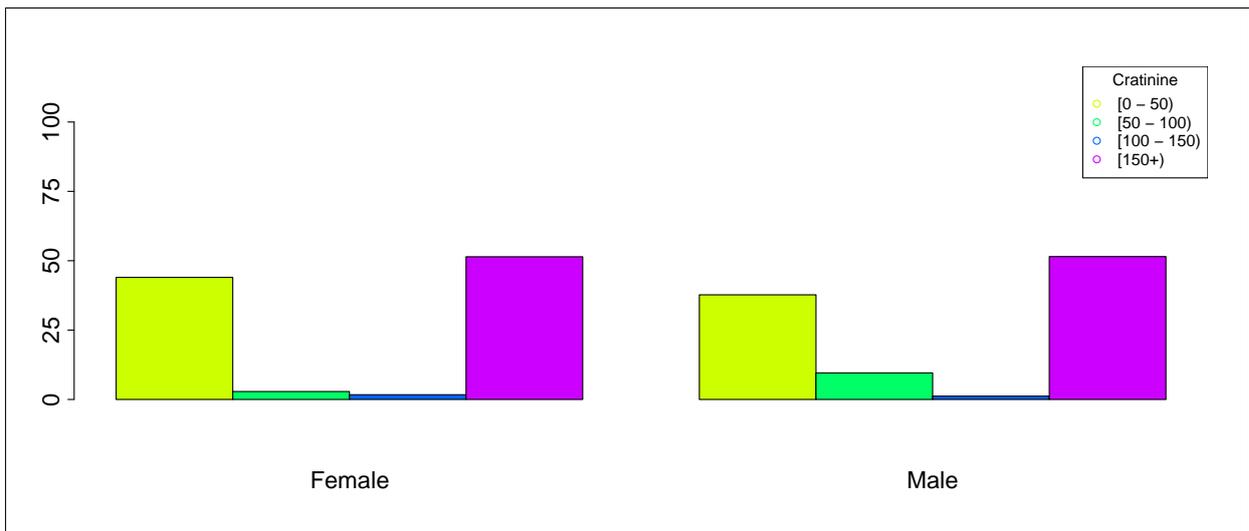


Barplot: 2.2.3.5.6 - Cratinine (by Age)

2.2.3.5 Creatinine (last episode in 12 months)  
Type of Diabetes = Type 1

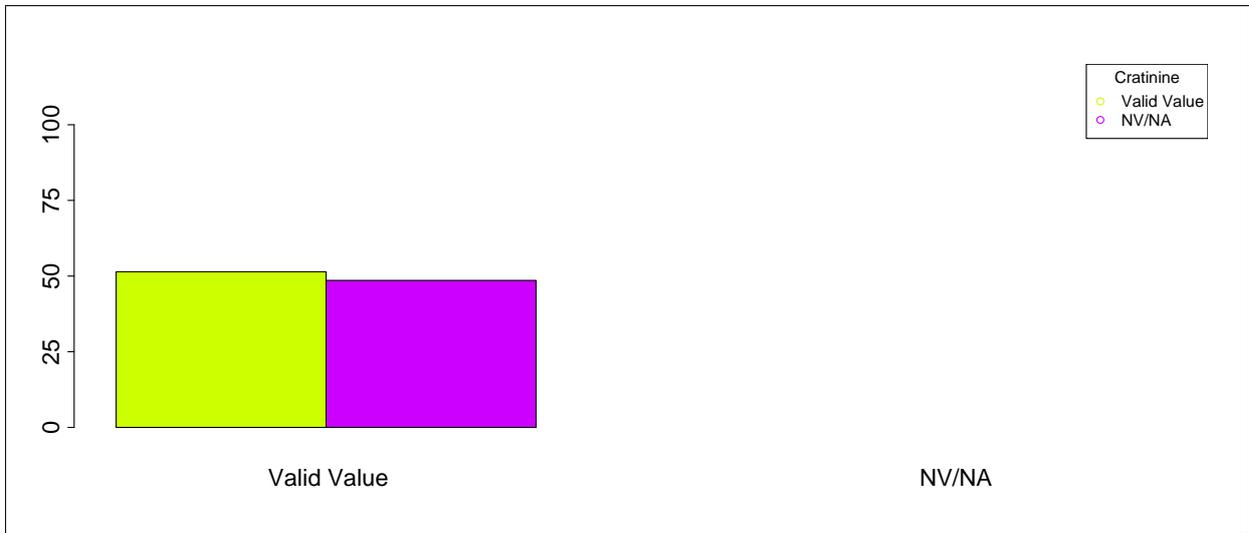


Barplot: 2.2.3.5.7 - Missing Data Cratinine (by Gender, Type of Diabetes = Type 1)

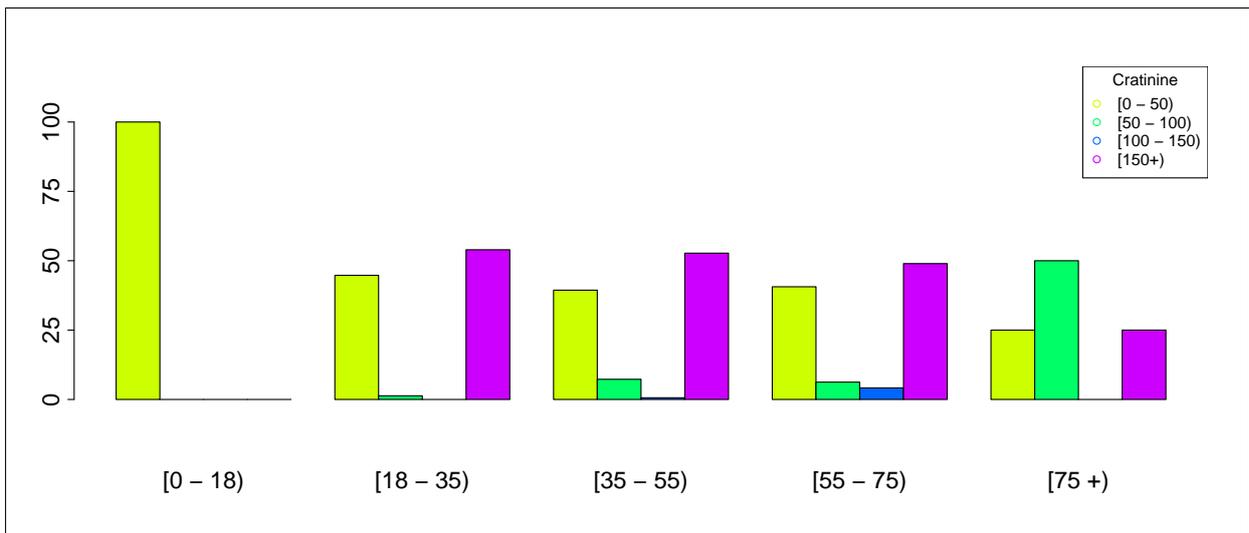


Barplot: 2.2.3.5.8 - Cratinine (by Gender, Type of Diabetes = Type 1)

2.2.3.5 Creatinine (last episode in 12 months)  
Type of Diabetes = Type 1

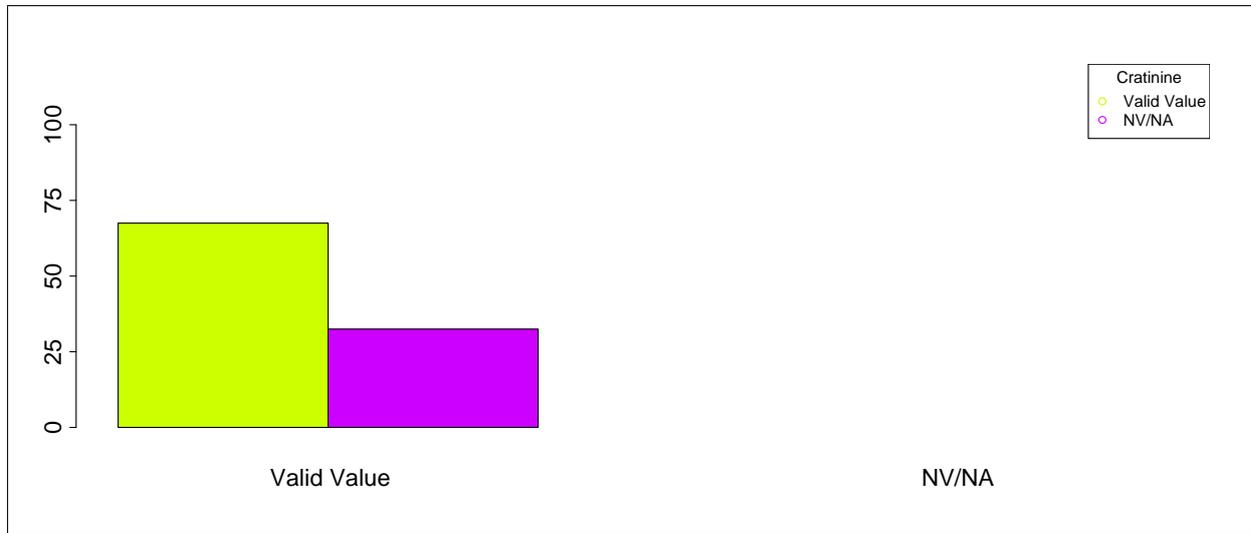


Barplot: 2.2.3.5.9 - Missing Data Cratinine (by Age, Type of Diabetes = Type 1)

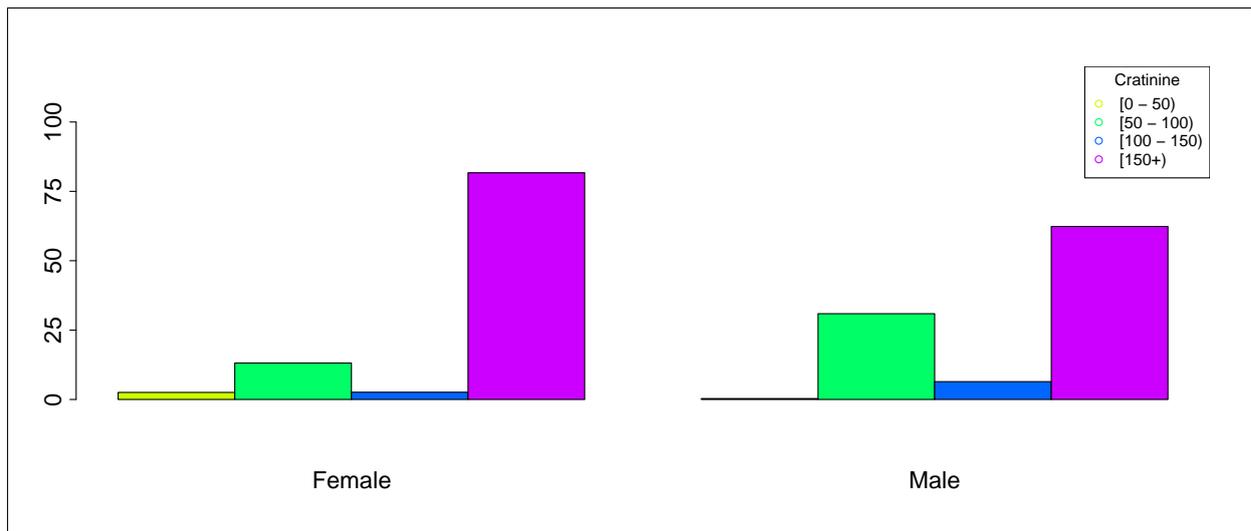


Barplot: 2.2.3.5.10 - Cratinine (by Age, Type of Diabetes = Type 1)

2.2.3.5 Creatinine (last episode in 12 months)  
Type of Diabetes = Type 2

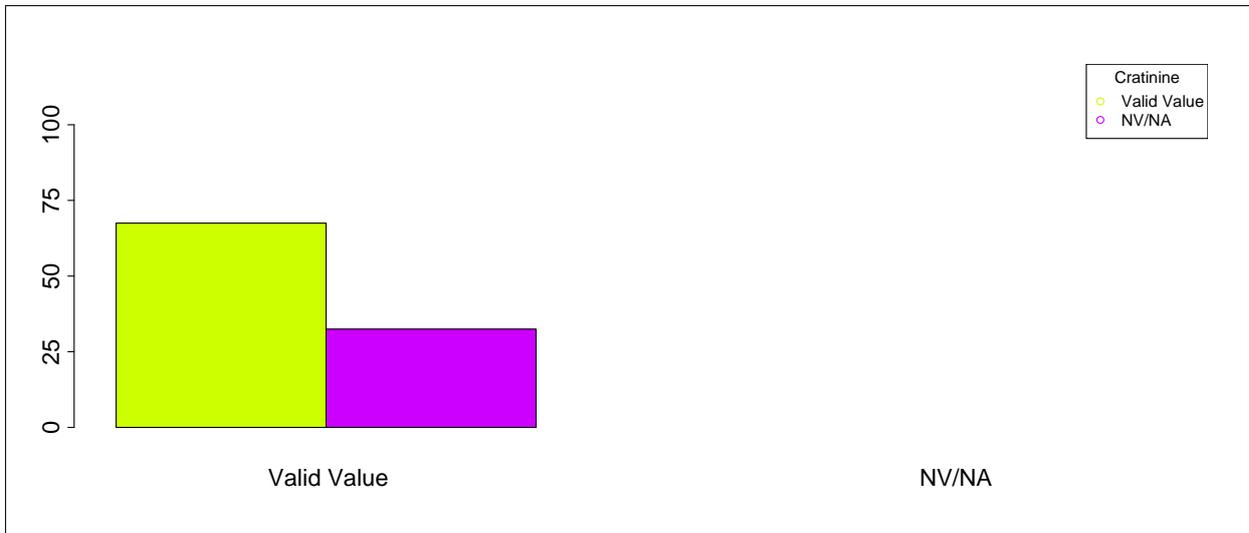


Barplot: 2.2.3.5.11 - Missing Data Cratinine (by Gender, Type of Diabetes = Type 2)

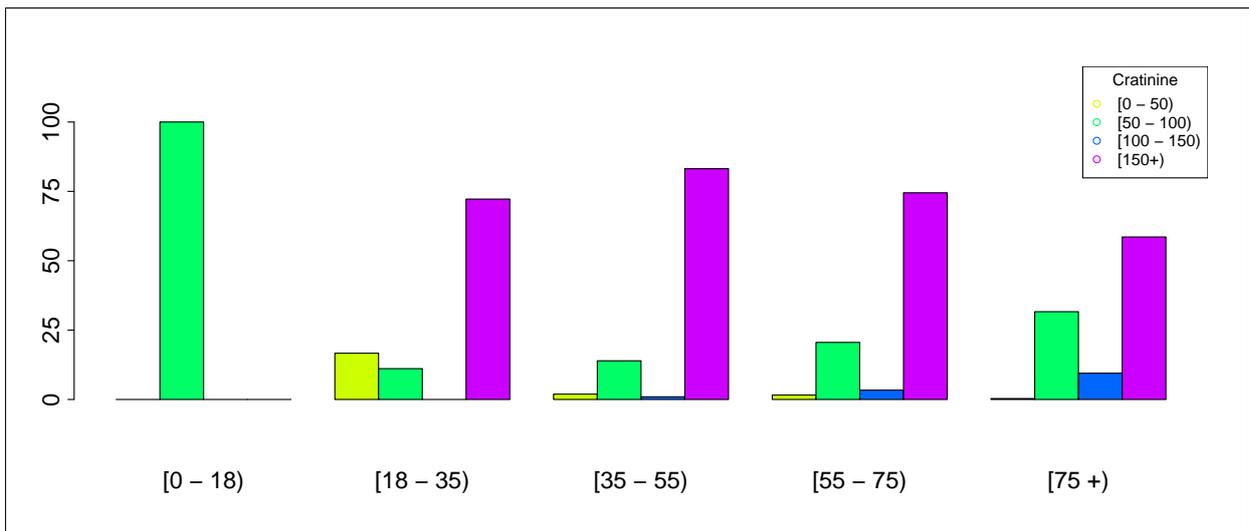


Barplot: 2.2.3.5.12 - Cratinine (by Gender, Type of Diabetes = Type 2)

2.2.3.5 Creatinine (last episode in 12 months)  
Type of Diabetes = Type 2

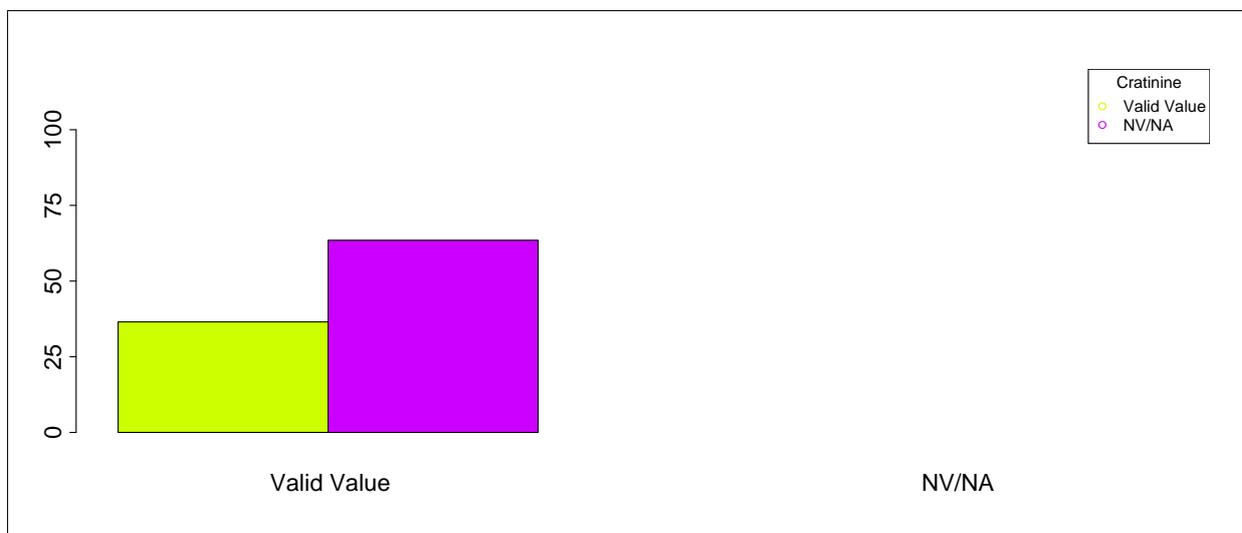


Barplot: 2.2.3.5.13 - Missing Data Cratinine (by Age, Type of Diabetes = Type 2)

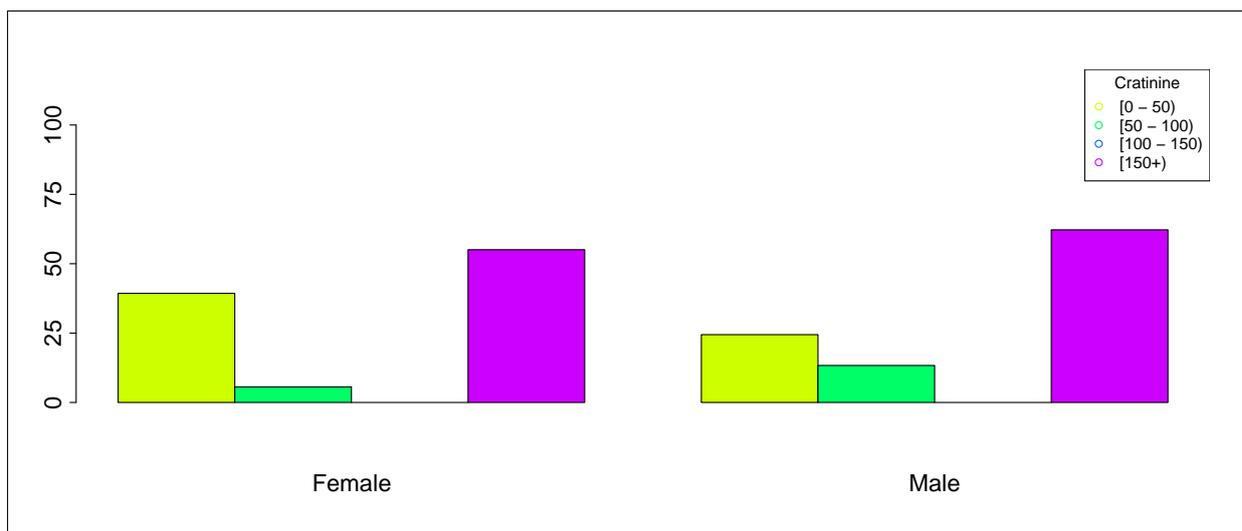


Barplot: 2.2.3.5.14 - Cratinine (by Age, Type of Diabetes = Type 2)

2.2.3.5 Creatinine (last episode in 12 months)  
Type of Diabetes = Other Type

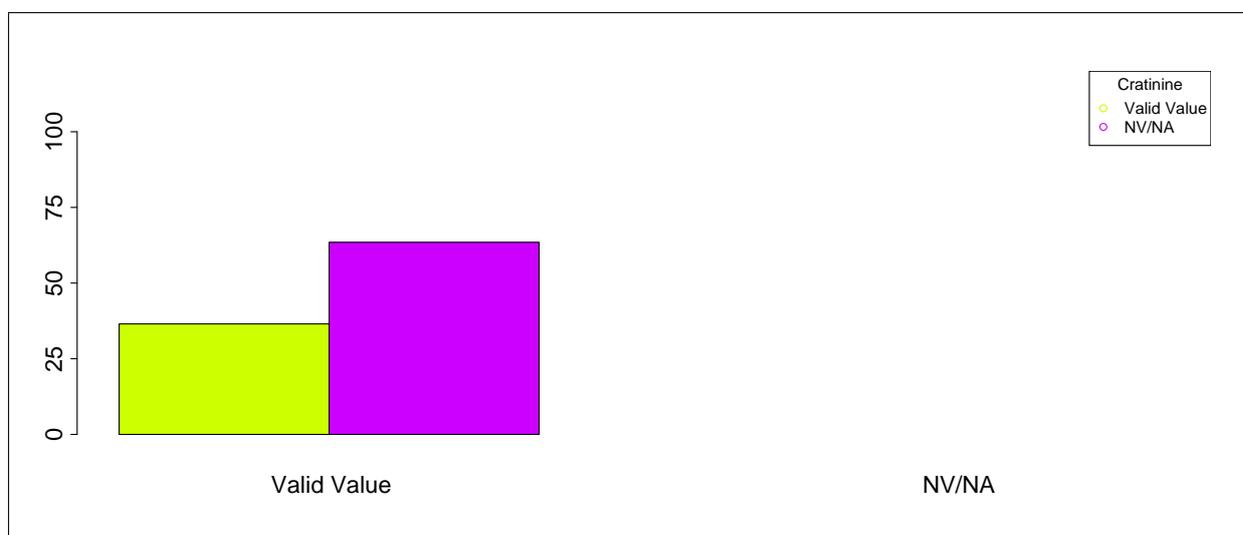


Barplot: 2.2.3.5.15 - Missing Data Cratinine (by Gender, Type of Diabetes = Other Type)

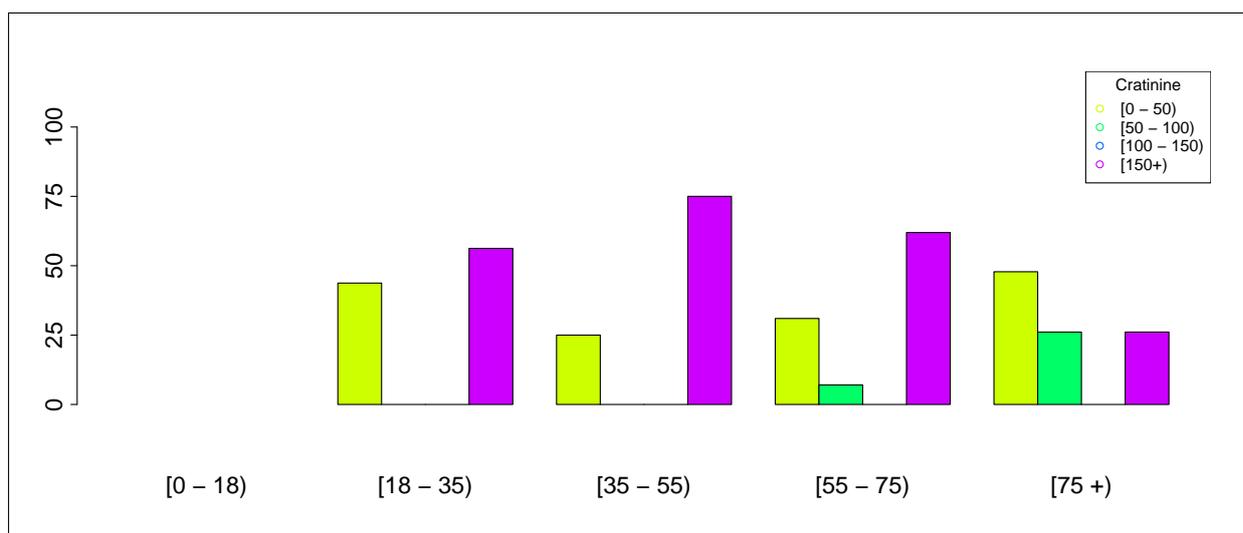


Barplot: 2.2.3.5.16 - Cratinine (by Gender, Type of Diabetes = Other Type)

2.2.3.5 Creatinine (last episode in 12 months)  
Type of Diabetes = Other Type

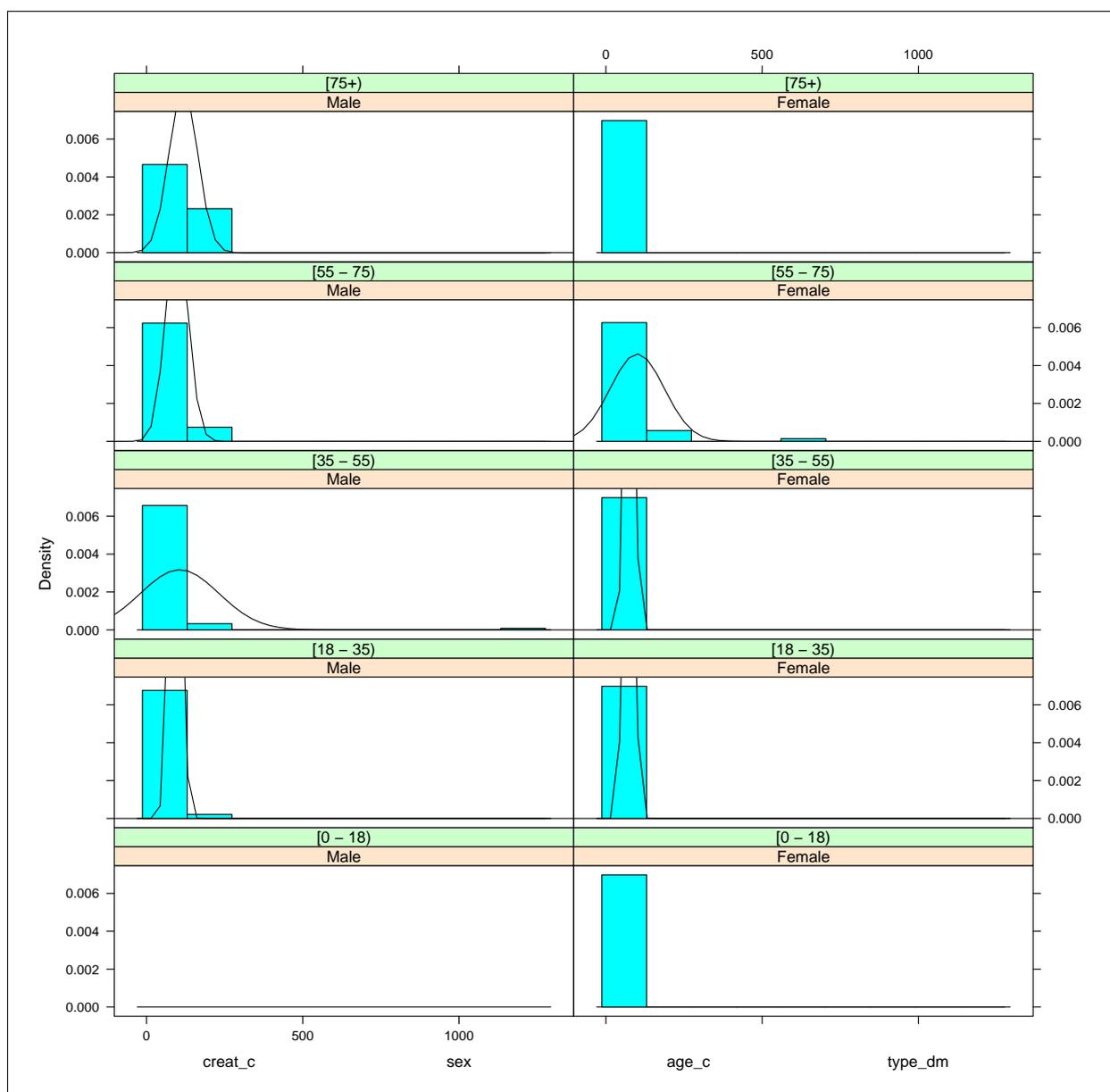


Barplot: 2.2.3.5.17 - Missing Data Cratinine (by Age, Type of Diabetes = Other Type)



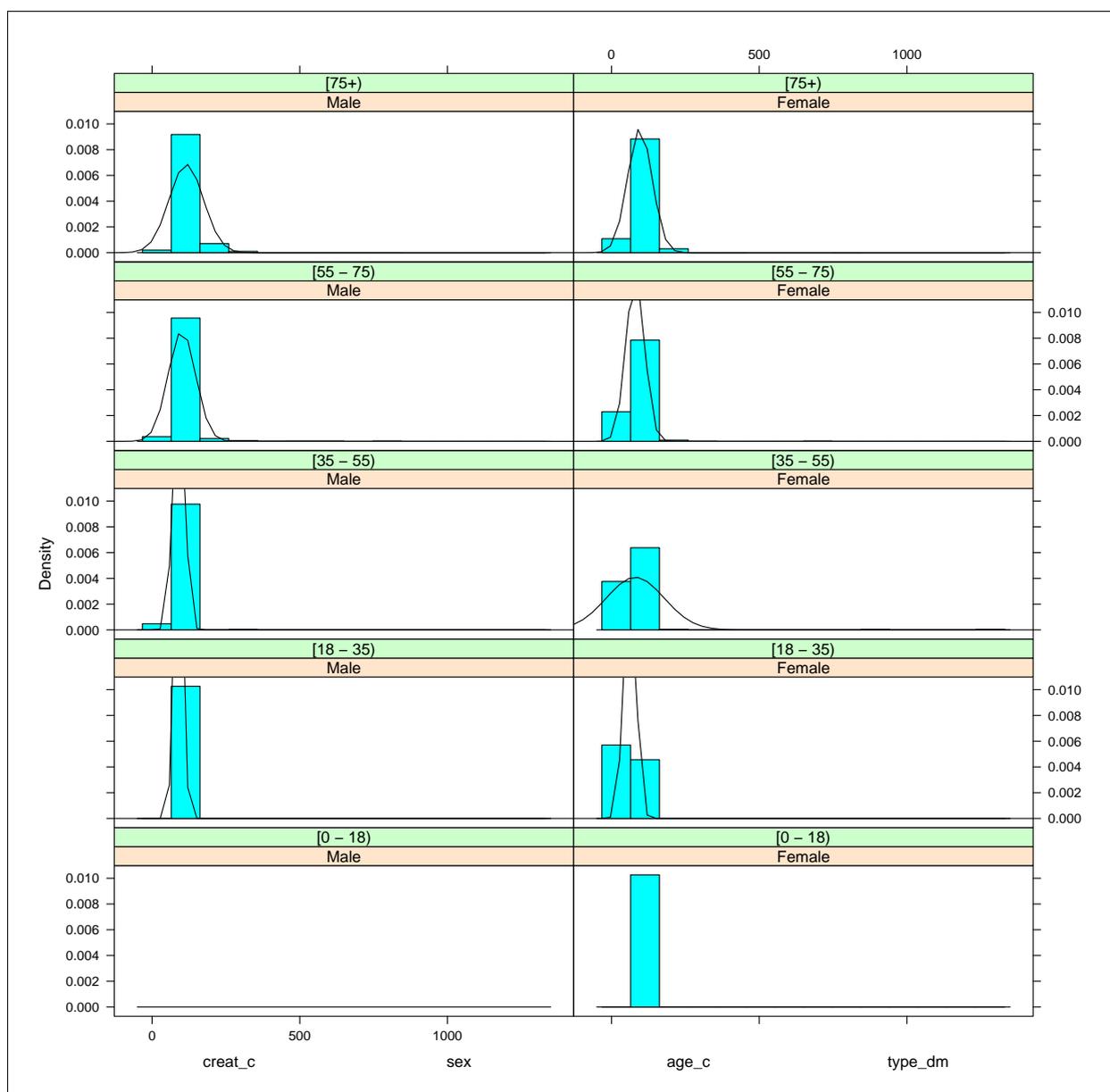
Barplot: 2.2.3.5.18 - Cratinine (by Age, Type of Diabetes = Other Type)

2.2.3.5 Creatinine (last episode in 12 months)  
**Type of Diabetes = Type 1**



Trellis Barplot: 2.2.3.5.19 - \* Cratinine \* Gender (Type of Diabetes = Type 1)

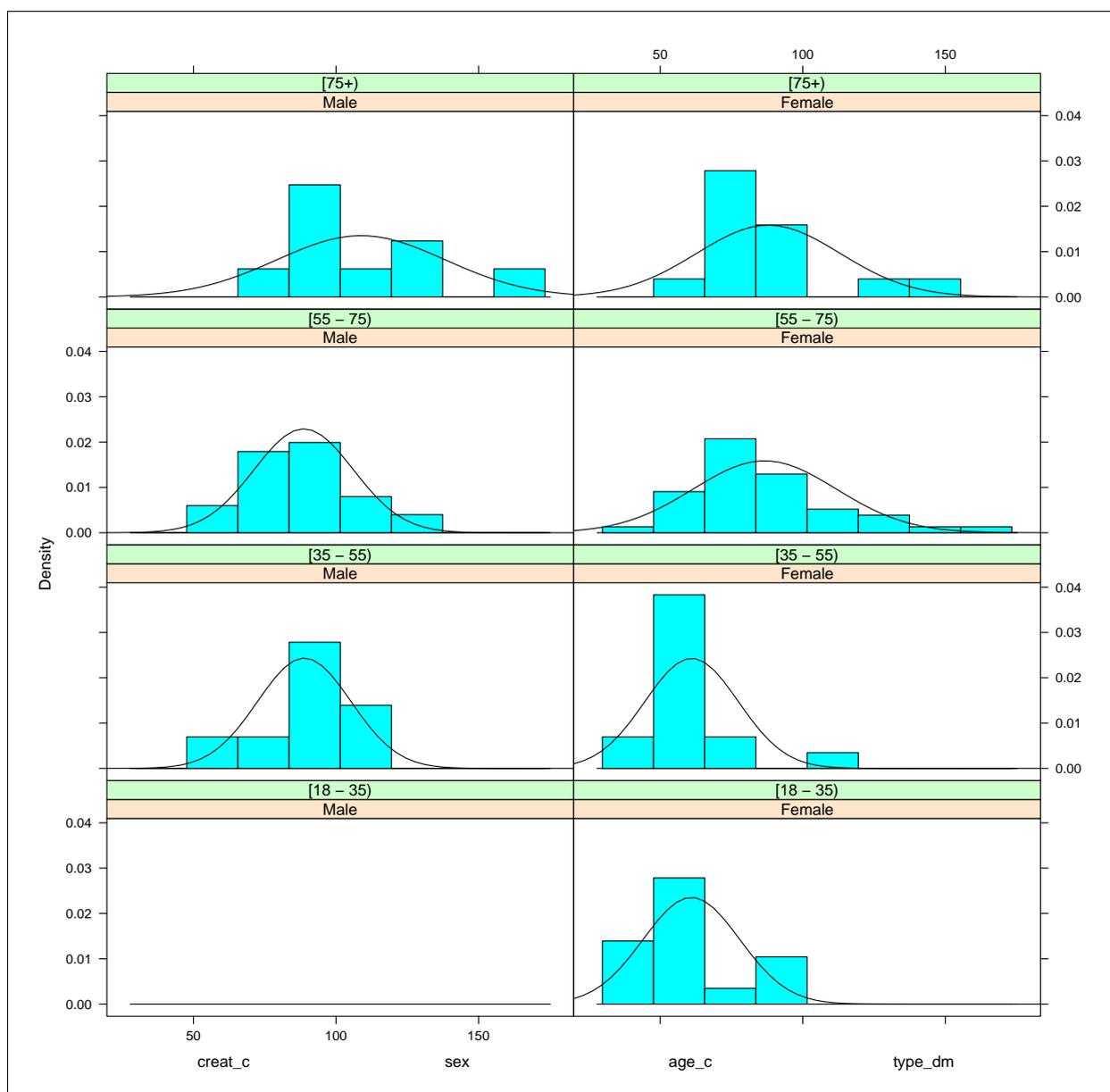
2.2.3.5 Creatinine (last episode in 12 months)  
**Type of Diabetes = Type 2**



Trellis Barplot: 2.2.3.5.20 - \* Cratinine \* Gender (Type of Diabetes = Type 2)

2.2.3.5 Creatinine (last episode in 12 months)

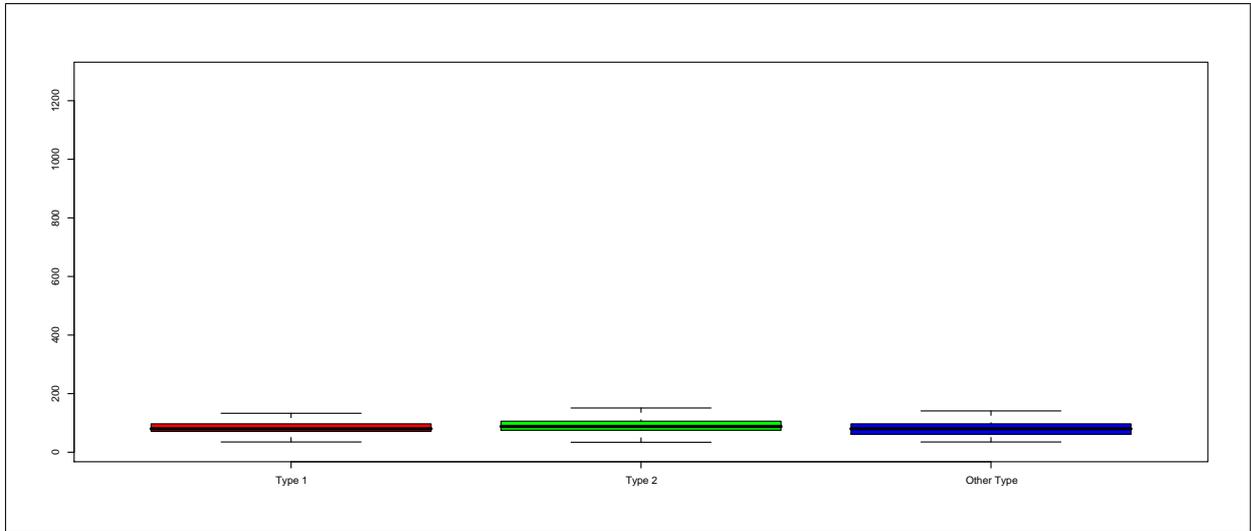
Type of Diabetes = Other Type



Trellis Barplot: 2.2.3.5.21 - \* Cratinine \* Gender (Type of Diabetes = Other Type)

### 2.2.3.5 Creatinine (last episode in 12 months)

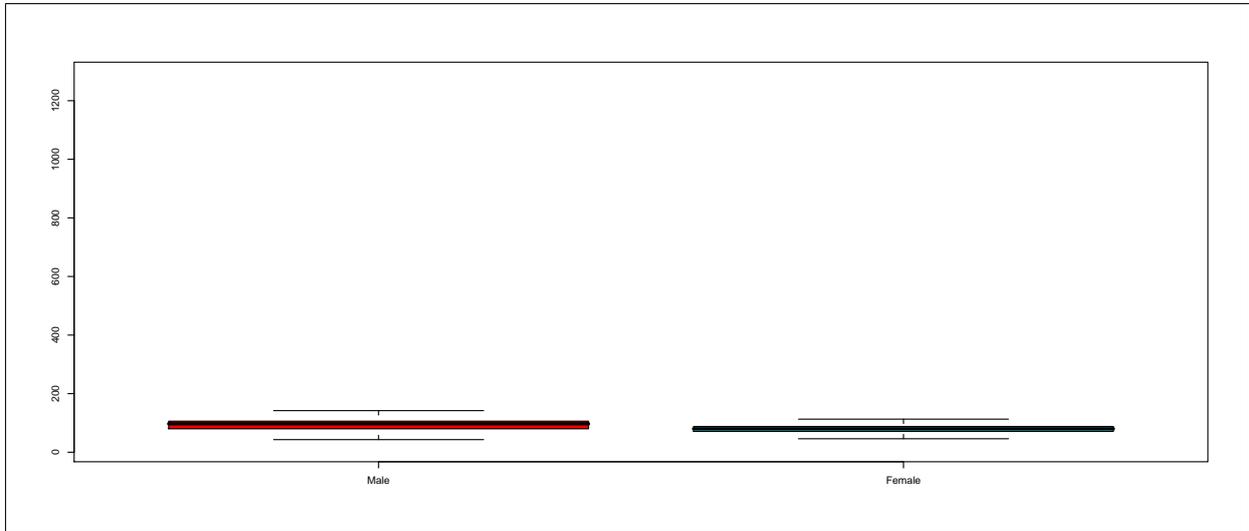
---



Boxplot: 2.2.3.5.1 - Cratinine (by Type of Diabetes)

### 2.2.3.5 Creatinine (last episode in 12 months)

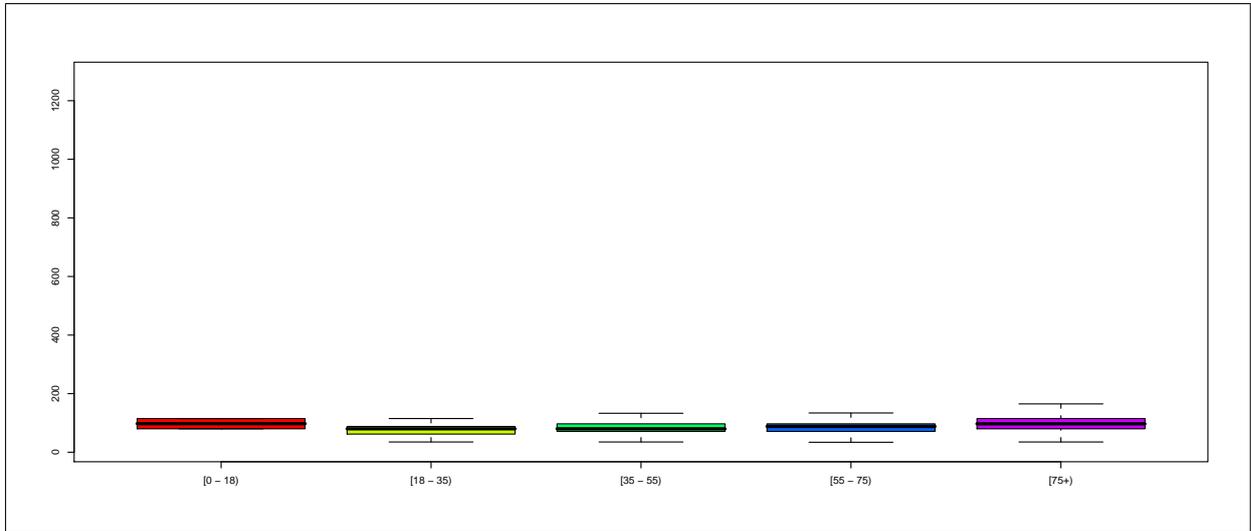
---



Boxplot: 2.2.3.5.2 - Cratinine (by Gender)

### 2.2.3.5 Creatinine (last episode in 12 months)

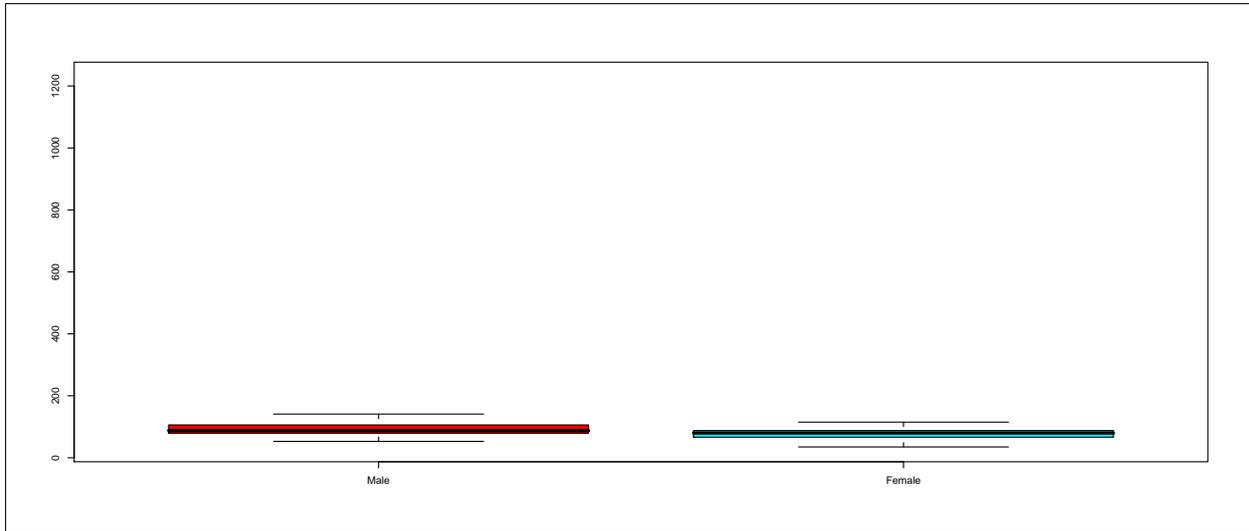
---



Boxplot: 2.2.3.5.3 - Cratinine (by Age)

2.2.3.5 Creatinine (last episode in 12 months)  
**Type of Diabetes = Type 1**

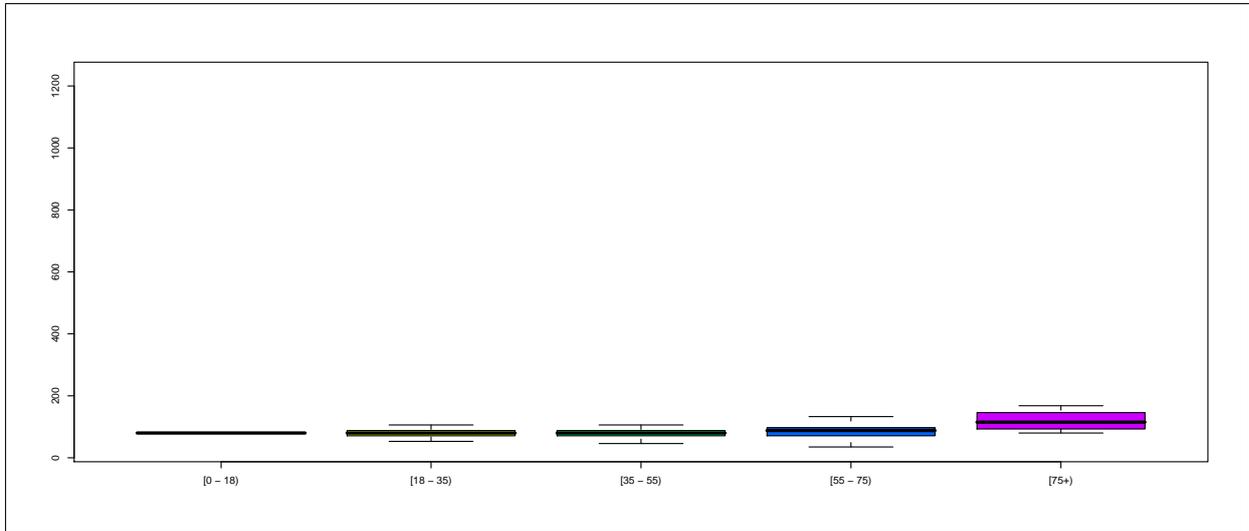
---



Boxplot: 2.2.3.5.4 - Cratinine (by Gender, Type of Diabetes = Type 1)

2.2.3.5 Creatinine (last episode in 12 months)  
Type of Diabetes = Type 1

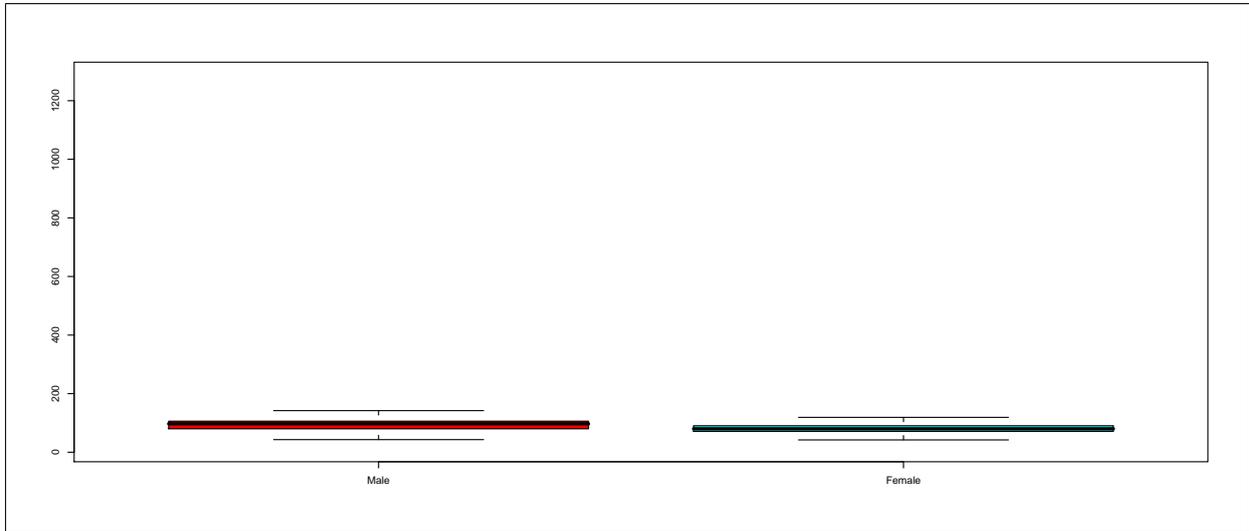
---



Boxplot: 2.2.3.5.5 - Cratinine (by Age, Type of Diabetes = Type 1)

2.2.3.5 Creatinine (last episode in 12 months)  
**Type of Diabetes = Type 2**

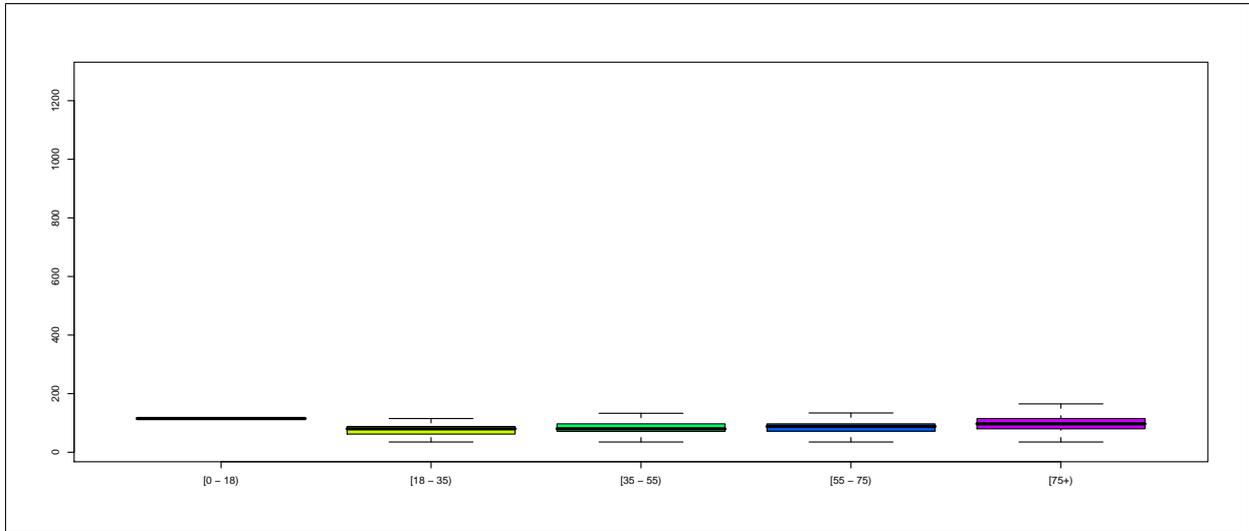
---



Boxplot: 2.2.3.5.6 - Cratinine (by Gender, Type of Diabetes = Type 2)

2.2.3.5 Creatinine (last episode in 12 months)  
Type of Diabetes = Type 2

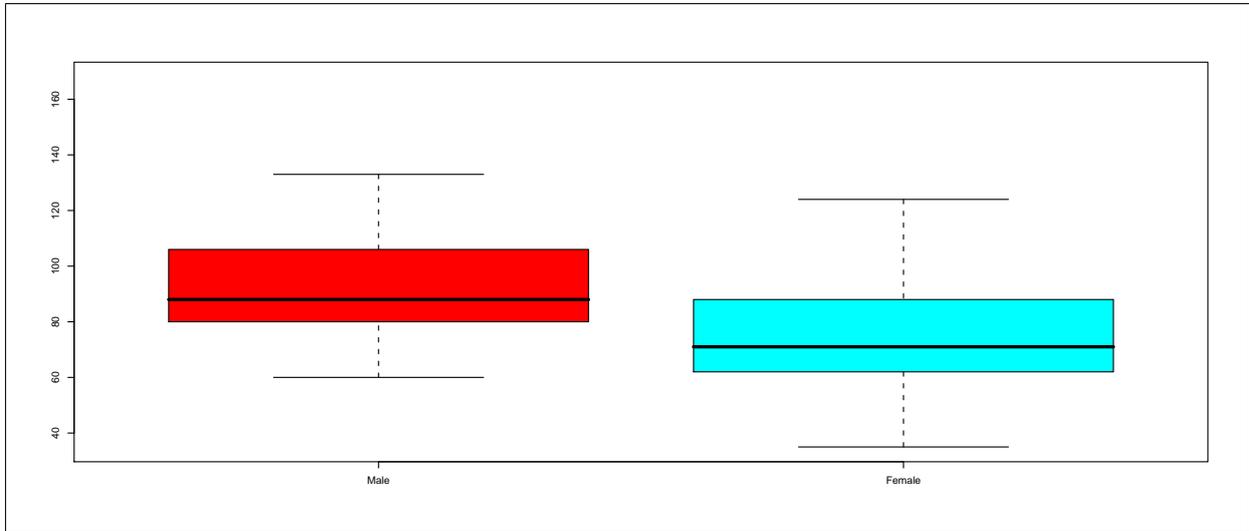
---



Boxplot: 2.2.3.5.7 - Cratinine (by Age, Type of Diabetes = Type 2)

2.2.3.5 Creatinine (last episode in 12 months)  
Type of Diabetes = Other Type

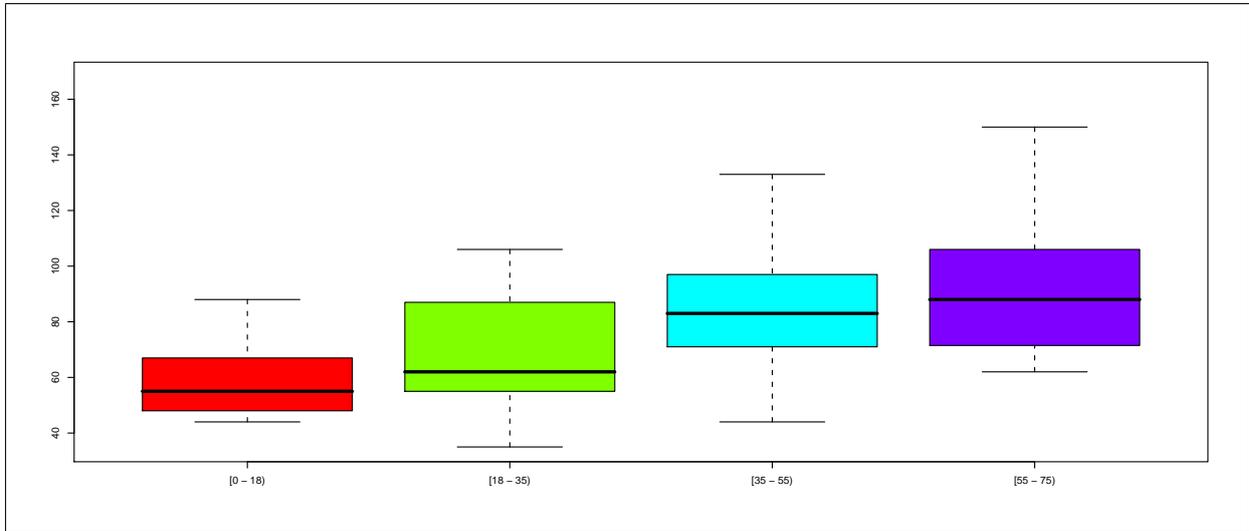
---



Boxplot: 2.2.3.5.8 - Cratinine (by Gender, Type of Diabetes = Other Type)

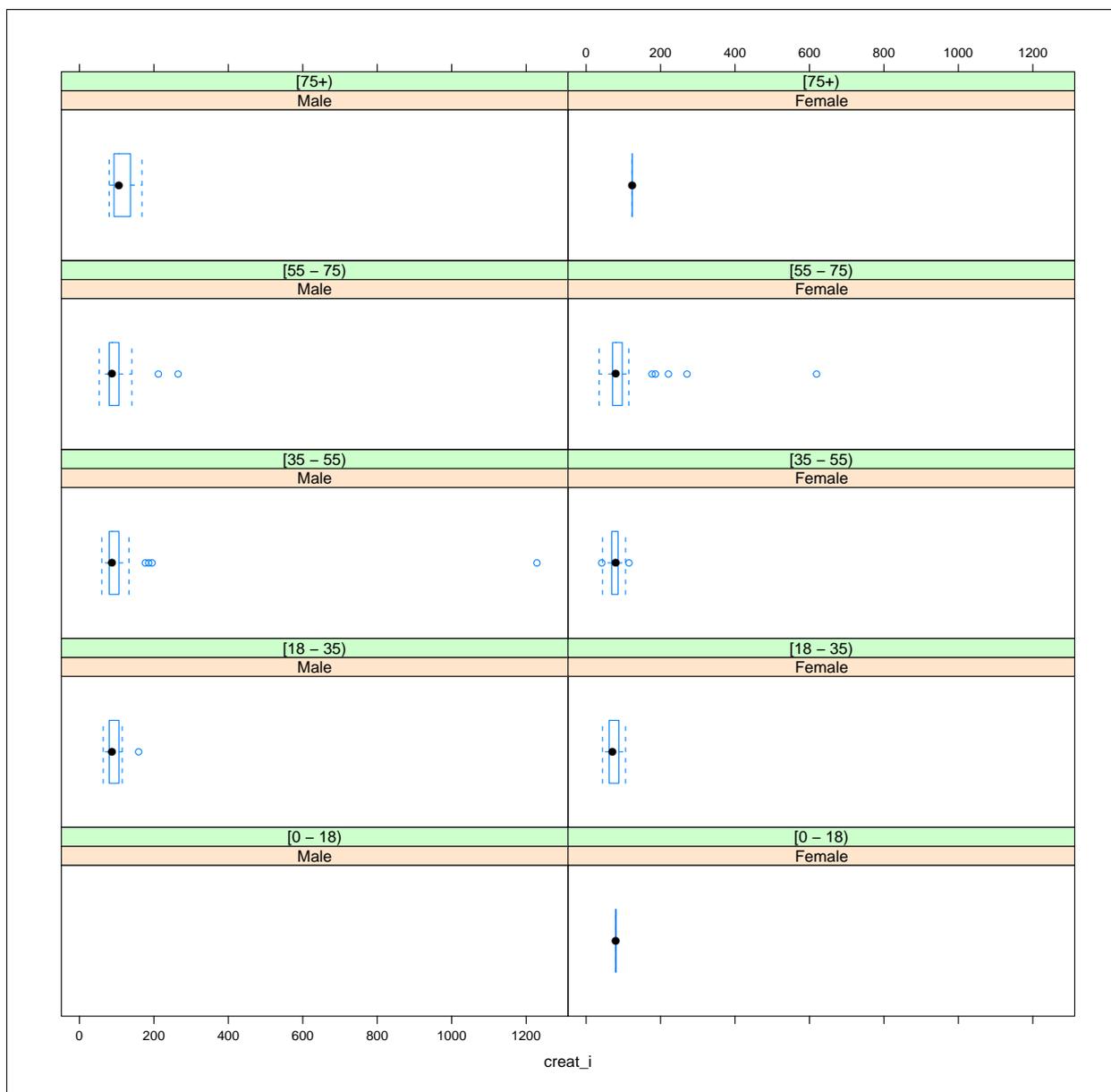
2.2.3.5 Creatinine (last episode in 12 months)  
Type of Diabetes = Other Type

---



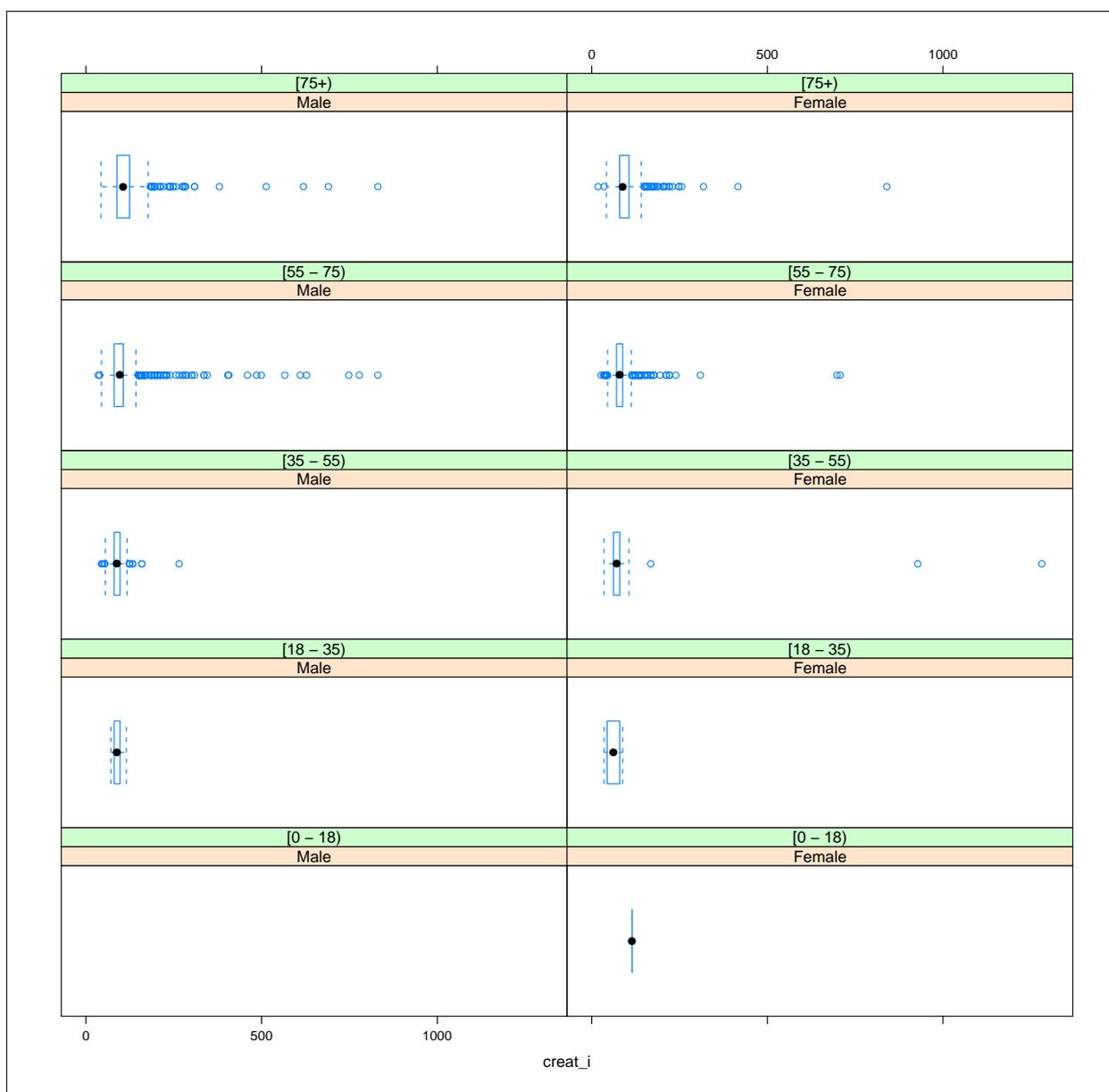
Boxplot: 2.2.3.5.9 - Cratinine (by Age, Type of Diabetes = Other Type)

2.2.3.5 Creatinine (last episode in 12 months)  
**Type of Diabetes = Type 1**



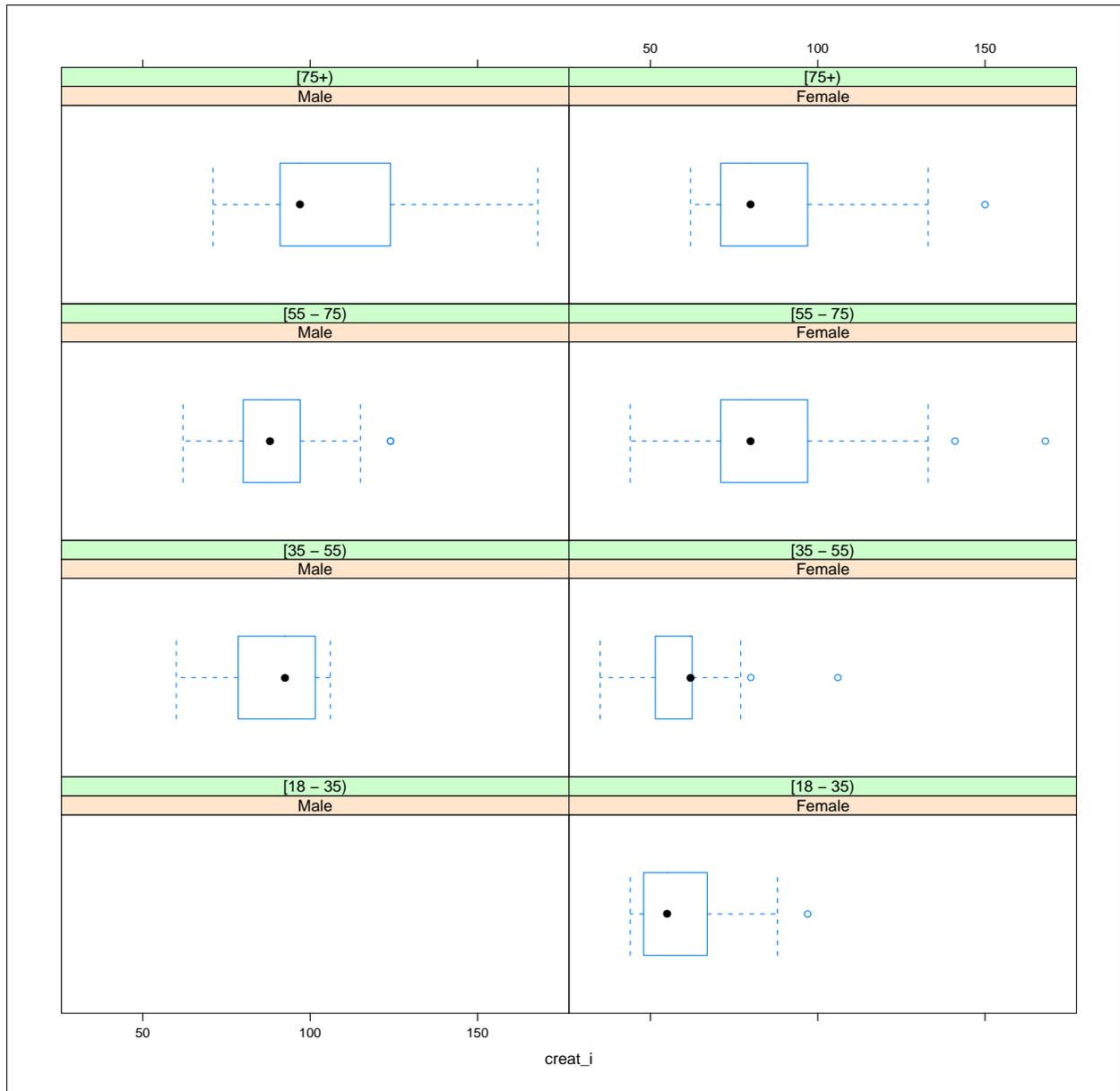
Trellis Boxplot: 2.2.3.5.10 - Cratinine \* Gender \* Age (Type of Diabetes = Type 1)

2.2.3.5 Creatinine (last episode in 12 months)  
Type of Diabetes = Type 2



Trellis Boxplot: 2.2.3.5.11 - Cratinine \* Gender \* Age (Type of Diabetes = Type 2)

2.2.3.5 Creatinine (last episode in 12 months)  
**Type of Diabetes = Other Type**



Trellis Boxplot: 2.2.3.5.12 - Cratinine \* Gender \* Age (Type of Diabetes = Other Type)

### 2.2.3.6. HbA1c (last episode in 12 months)

Hba1c	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9024 ( 92.7)	0( 0.0)		9024 ( 92.7)
NV/NA	715 ( 7.3)	0( 0.0)		715 ( 7.3)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.6.1: Missing Data Hba1c (by Type of Diabetes)

Hba1c	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
0 - 5.9	163 ( 26.2)	3715 ( 45.4)	158( 69.6)	4036 ( 44.7)
6 - 7.9	209 ( 33.7)	2659 ( 32.5)	38( 16.7)	2906 ( 32.2)
8 +	249 ( 40.1)	1802 ( 22.0)	31( 13.7)	2082 ( 23.1)
TOTAL	621( 6.9)	8176( 90.6)	227( 2.5)	9024 (100.0)

Table 2.2.3.6.2: Hba1c (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	187.7736	0	4

2.2.3.6. HbA1c (last episode in 12 months)

Hba1c	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9024 ( 92.7)	0( 0.0)		9024 ( 92.7)
NV/NA	715 ( 7.3)	0( 0.0)		715 ( 7.3)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.6.3: Missing Data Hba1c (by Gender)

Hba1c	Gender			N ( % )
	Male ( % )	Female ( % )		
0 - 5.9	2269 ( 46.9)	1767( 42.2)		4036 ( 44.7)
6 - 7.9	1531 ( 31.7)	1375( 32.8)		2906 ( 32.2)
8 +	1034 ( 21.4)	1048( 25.0)		2082 ( 23.1)
TOTAL	4834( 53.6)	4190( 46.4)		9024 (100.0)

Table 2.2.3.6.4: Hba1c (by Gender)

	CMH Chi-Square	p.value	df
Value	25.0761	0	2

2.2.3.6. HbA1c (last episode in 12 months)

Hba1c	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9024 ( 92.7)	0( 0.0)		9024 ( 92.7)
NV/NA	715 ( 7.3)	0( 0.0)		715 ( 7.3)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 2.2.3.6.5: Missing Data Hba1c (by Age)

Hba1c	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
0 - 5.9	0 ( 0.0)	106 ( 47.5)	516 ( 41.3)	2457 ( 45.6)	957( 44.3)	4036 ( 44.7)
6 - 7.9	1 ( 20.0)	49 ( 22.0)	368 ( 29.5)	1725 ( 32.0)	763( 35.3)	2906 ( 32.2)
8 +	4 ( 80.0)	68 ( 30.5)	364 ( 29.2)	1205 ( 22.4)	441( 20.4)	2082 ( 23.1)
TOTAL	5( 0.1)	223( 2.5)	1248( 13.8)	5387( 59.7)	2161( 23.9)	9024 (100.0)

Table 2.2.3.6.6: Hba1c (by Age)

CMH Chi-Square	
Value	One or more cells have 0 obs

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Type 1**

Hba1c	Gender		
	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	621 ( 93.4)	0( 0.0)	621 ( 93.4)
NV/NA	44 ( 6.6)	0( 0.0)	44 ( 6.6)
<b>TOTAL</b>	<b>665(100.0)</b>	<b>0( 0.0)</b>	<b>665 (100.0)</b>

Table 2.2.3.6.7: Missing Data Hba1c (by Gender, Type of Diabetes = Type 1)

Hba1c	Gender		N ( % )
	Male ( % )	Female ( % )	
0 - 5.9	85 ( 25.1)	78( 27.6)	163 ( 26.2)
6 - 7.9	127 ( 37.6)	82( 29.0)	209 ( 33.7)
8 +	126 ( 37.3)	123( 43.5)	249 ( 40.1)
<b>TOTAL</b>	<b>338( 54.4)</b>	<b>283( 45.6)</b>	<b>621 (100.0)</b>

Table 2.2.3.6.8: Hba1c (by Gender, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	5.1953	0.0744	2

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Type 1**

Hba1c	Age		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	621 ( 93.4)	0( 0.0)	621 ( 93.4)
NV/NA	44 ( 6.6)	0( 0.0)	44 ( 6.6)
TOTAL	665(100.0)	0( 0.0)	665 (100.0)

Table 2.2.3.6.9: Missing Data Hba1c (by Age, Type of Diabetes = Type 1)

Hba1c	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
0 - 5.9	0 ( 0.0)	45 ( 30.4)	78 ( 25.5)	36 ( 23.8)	4( 36.4)	163 ( 26.2)
6 - 7.9	1 ( 20.0)	44 ( 29.7)	113 ( 36.9)	47 ( 31.1)	4( 36.4)	209 ( 33.7)
8 +	4 ( 80.0)	59 ( 39.9)	115 ( 37.6)	68 ( 45.0)	3( 27.3)	249 ( 40.1)
TOTAL	5( 0.8)	148( 23.8)	306( 49.3)	151( 24.3)	11( 1.8)	621 (100.0)

Table 2.2.3.6.10: Hba1c (by Age, Type of Diabetes = Type 1)

CMH Chi-Square  
 Value One or more cells have 0 obs

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Type 1**

Hba1c	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	44( 6.6)	44 ( 6.6)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	621( 93.4)	621 ( 93.4)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	665(100.0)	665 (100.0)

Table 2.2.3.6.11: Missing Data Hba1c (by Gender \* Age, Type of Diabetes = Type 1)

Hba1c	Gender * Age										N ( % )
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 7)	0 ( 0.0)	0 ( 0.0)	28 ( 39.4)	17 ( 22.1)	34 ( 25.8)	44 ( 25.3)	14 ( 19.7)	22 ( 27.5)	2 ( 33.3)	2( 40.0)	163 ( 26.2)
[7 - 8)	0 ( 0.0)	1 ( 50.0)	15 ( 21.1)	29 ( 37.7)	47 ( 35.6)	66 ( 37.9)	19 ( 26.8)	28 ( 35.0)	1 ( 16.7)	3( 60.0)	209 ( 33.7)
[8+)	3 (100.0)	1 ( 50.0)	28 ( 39.4)	31 ( 40.3)	51 ( 38.6)	64 ( 36.8)	38 ( 53.5)	30 ( 37.5)	3 ( 50.0)	0( 0.0)	249 ( 40.1)
TOTAL	3( 0.5)	2( 0.3)	71( 11.4)	77( 12.4)	132( 21.3)	174( 28.0)	71( 11.4)	80( 12.9)	6( 1.0)	5( 0.8)	621 (100.0)

Table 2.2.3.6.12: Hba1c (by Gender \* Age, Type of Diabetes = Type 1)

CMH Chi-Square  
 Value One or more cells have 0 obs

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Type 2**

Hba1c	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8176 ( 93.9)	0( 0.0)		8176 ( 93.9)
NV/NA	531 ( 6.1)	0( 0.0)		531 ( 6.1)
<b>TOTAL</b>	<b>8707(100.0)</b>	<b>0( 0.0)</b>		<b>8707 (100.0)</b>

Table 2.2.3.6.13: Missing Data Hba1c (by Gender, Type of Diabetes = Type 2)

Hba1c	Gender			N ( % )
	Male ( % )	Female ( % )		
0 - 5.9	2145 ( 48.4)	1570( 41.9)		3715 ( 45.4)
6 - 7.9	1391 ( 31.4)	1268( 33.9)		2659 ( 32.5)
8 +	895 ( 20.2)	907( 24.2)		1802 ( 22.0)
<b>TOTAL</b>	<b>4431( 54.2)</b>	<b>3745( 45.8)</b>		<b>8176 (100.0)</b>

Table 2.2.3.6.14: Hba1c (by Gender, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	37.4725	0	2

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Type 2**

Hba1c	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8176 ( 93.9)	0( 0.0)		8176 ( 93.9)
NV/NA	531 ( 6.1)	0( 0.0)		531 ( 6.1)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 2.2.3.6.15: Missing Data Hba1c (by Age, Type of Diabetes = Type 2)

Hba1c	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
0 - 5.9	0 ( 0.0)	22 ( 73.3)	390 ( 44.3)	2367 ( 46.0)	936( 44.1)	3715 ( 45.4)
6 - 7.9	0 ( 0.0)	1 ( 3.3)	248 ( 28.1)	1659 ( 32.3)	751( 35.4)	2659 ( 32.5)
8 +	0 ( 0.0)	7 ( 23.3)	243 ( 27.6)	1118 ( 21.7)	434( 20.5)	1802 ( 22.0)
TOTAL	0( 0.0)	30( 0.4)	881( 10.8)	5144( 62.9)	2121( 25.9)	8176 (100.0)

Table 2.2.3.6.16: Hba1c (by Age, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Type 2**

Hba1c	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	531( 6.1)	531 ( 6.1)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	8176( 93.9)	8176 ( 93.9)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	8707(100.0)	8707 (100.0)

Table 2.2.3.6.17: Missing Data Hba1c (by Gender \* Age, Type of Diabetes = Type 2)

Hba1c	Gender * Age										N ( % )
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 7)	0 ( 0.0)	0 ( 0.0)	14 ( 82.4)	8 ( 61.5)	152 ( 44.8)	238 ( 43.9)	936 ( 42.0)	1431 ( 49.1)	468 ( 40.4)	468 ( 48.6)	3715 ( 45.4)
[7 - 8)	0 ( 0.0)	0 ( 0.0)	1 ( 5.9)	0 ( 0.0)	94 ( 27.7)	154 ( 28.4)	754 ( 33.8)	905 ( 31.1)	419 ( 36.2)	332( 34.5)	2659 ( 32.5)
[8+)	0 ( 0.0)	0 ( 0.0)	2 ( 11.8)	5 ( 38.5)	93 ( 27.4)	150 ( 27.7)	540 ( 24.2)	578 ( 19.8)	272 ( 23.5)	162( 16.8)	1802 ( 22.0)
TOTAL	0( 0.0)	0( 0.0)	17( 0.2)	13( 0.2)	339( 4.1)	542( 6.6)	2230( 27.3)	2914( 35.6)	1159( 14.2)	962( 11.8)	8176 (100.0)

Table 2.2.3.6.18: Hba1c (by Gender \* Age, Type of Diabetes = Type 2)

---

**CMH Chi-Square**  


---

Value One or more cells have 0 obs

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Other Type**

Hba1c	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	227 ( 61.9)	0( 0.0)		227 ( 61.9)
NV/NA	140 ( 38.1)	0( 0.0)		140 ( 38.1)
TOTAL	367(100.0)	0( 0.0)		367 (100.0)

Table 2.2.3.6.19: Missing Data Hba1c (by Gender, Type of Diabetes = Other Type)

Hba1c	Gender			N ( % )
	Male ( % )	Female ( % )		
0 - 5.9	39 ( 60.0)	119( 73.5)		158 ( 69.6)
6 - 7.9	13 ( 20.0)	25( 15.4)		38 ( 16.7)
8 +	13 ( 20.0)	18( 11.1)		31 ( 13.7)
TOTAL	65( 28.6)	162( 71.4)		227 (100.0)

Table 2.2.3.6.20: Hba1c (by Gender, Type of Diabetes = Other Type)

	CMH Chi-Square	p.value	df
Value	4.4689	0.107	2

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Other Type**

Hba1c	Age		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	227 ( 61.9)	0( 0.0)	227 ( 61.9)
NV/NA	140 ( 38.1)	0( 0.0)	140 ( 38.1)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>	<b>367 (100.0)</b>

Table 2.2.3.6.21: Missing Data Hba1c (by Age, Type of Diabetes = Other Type)

Hba1c	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
0 - 5.9	0 ( 0.0)	39 ( 86.7)	48 ( 78.7)	54 ( 58.7)	17( 58.6)	158 ( 69.6)
6 - 7.9	0 ( 0.0)	4 ( 8.9)	7 ( 11.5)	19 ( 20.7)	8( 27.6)	38 ( 16.7)
8 +	0 ( 0.0)	2 ( 4.4)	6 ( 9.8)	19 ( 20.7)	4( 13.8)	31 ( 13.7)
<b>TOTAL</b>	<b>0( 0.0)</b>	<b>45( 19.8)</b>	<b>61( 26.9)</b>	<b>92( 40.5)</b>	<b>29( 12.8)</b>	<b>227 (100.0)</b>

Table 2.2.3.6.22: Hba1c (by Age, Type of Diabetes = Other Type)

---

 CMH Chi-Square  
 Value    One or more cells have 0 obs

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Other Type**

Hba1c	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	140( 38.1)	140 ( 38.1)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	227( 61.9)	227 ( 61.9)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	367(100.0)	367 (100.0)

Table 2.2.3.6.23: Missing Data Hba1c (by Gender \* Age, Type of Diabetes = Other Type)

Hba1c	Gender * Age										N ( % )
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
[0 - 7)	0 ( 0.0)	0 ( 0.0)	39 ( 86.7)	0 ( 0.0)	38 ( 80.9)	10 ( 71.4)	33 ( 62.3)	21 ( 53.8)	9 ( 52.9)	8( 66.7)	158 ( 69.6)
[7 - 8)	0 ( 0.0)	0 ( 0.0)	4 ( 8.9)	0 ( 0.0)	6 ( 12.8)	1 ( 7.1)	11 ( 20.8)	8 ( 20.5)	4 ( 23.5)	4( 33.3)	38 ( 16.7)
[8+)	0 ( 0.0)	0 ( 0.0)	2 ( 4.4)	0 ( 0.0)	3 ( 6.4)	3 ( 21.4)	9 ( 17.0)	10 ( 25.6)	4 ( 23.5)	0( 0.0)	31 ( 13.7)
TOTAL	0( 0.0)	0( 0.0)	45( 19.8)	0( 0.0)	47( 20.7)	14( 6.2)	53( 23.3)	39( 17.2)	17( 7.5)	12( 5.3)	227 (100.0)

Table 2.2.3.6.24: Hba1c (by Gender \* Age, Type of Diabetes = Other Type)

---



---

**CMH Chi-Square**

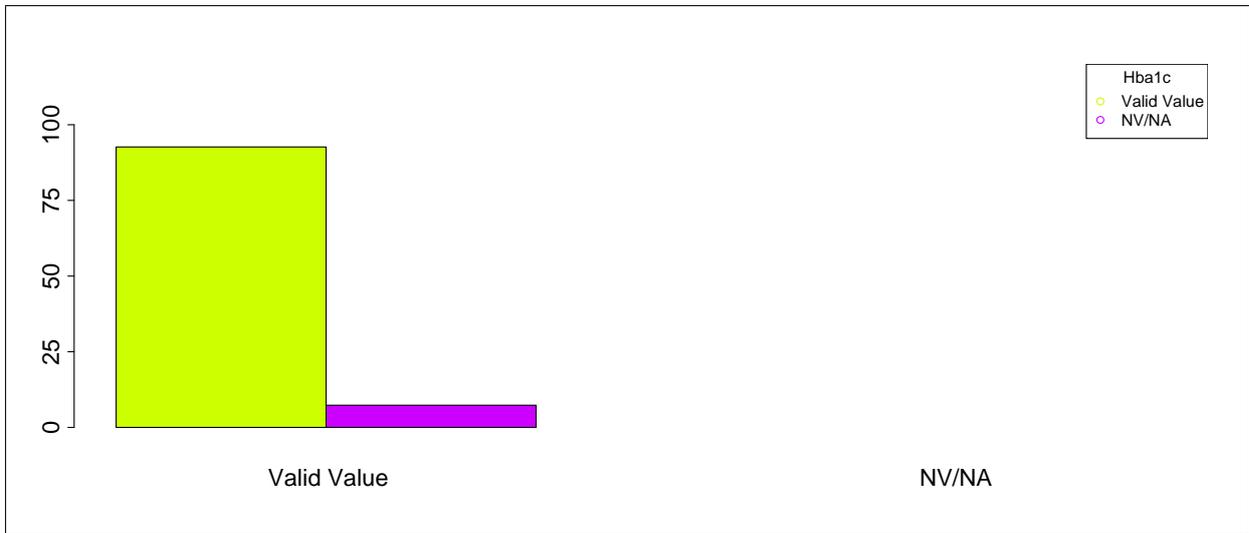

---



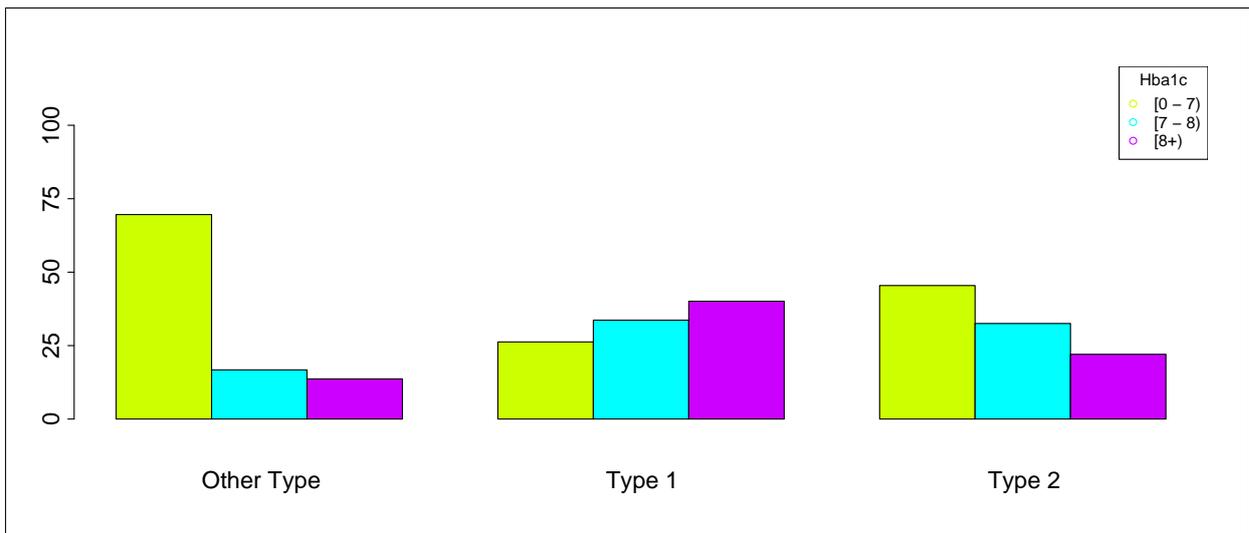
---

Value One or more cells have 0 obs

2.2.3.6. HbA1c (last episode in 12 months)

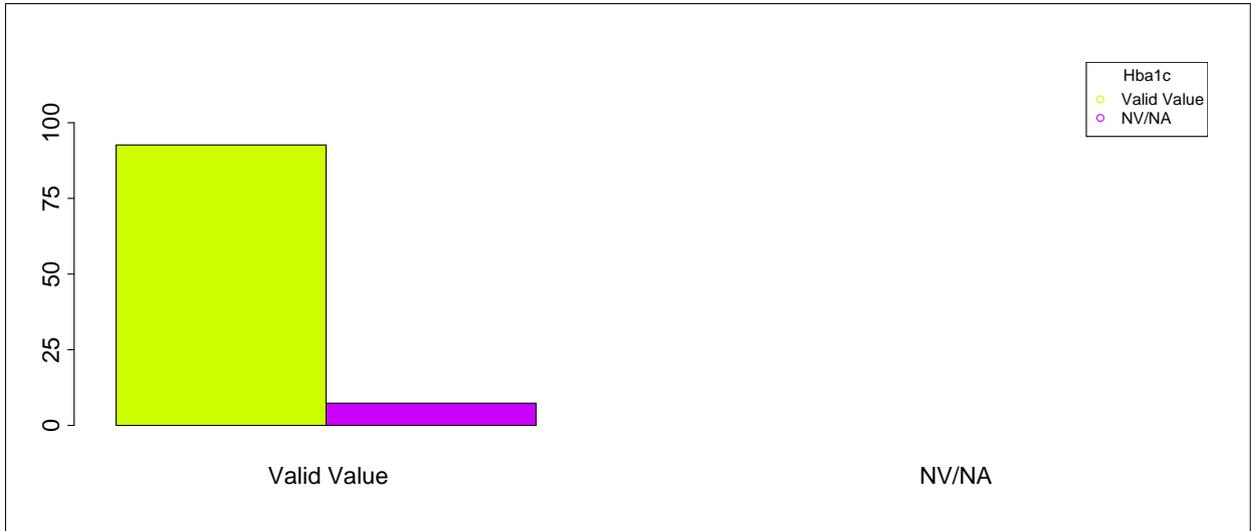


Barplot: 2.2.3.6.1 - Missing Data Hba1c (by Type of Diabetes)

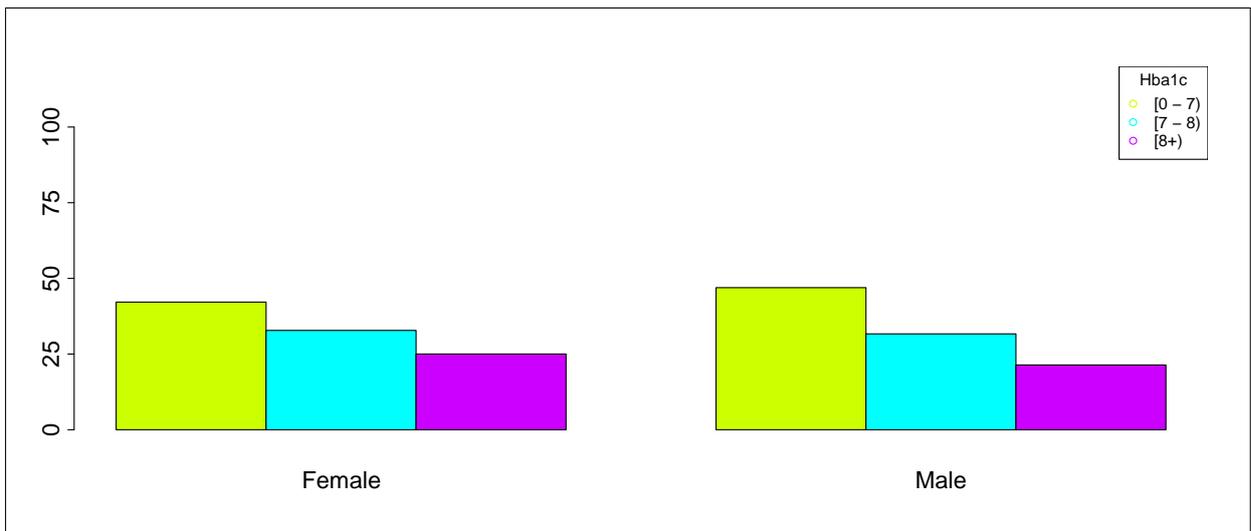


Barplot: 2.2.3.6.2 - Hba1c (by Type of Diabetes)

2.2.3.6. HbA1c (last episode in 12 months)

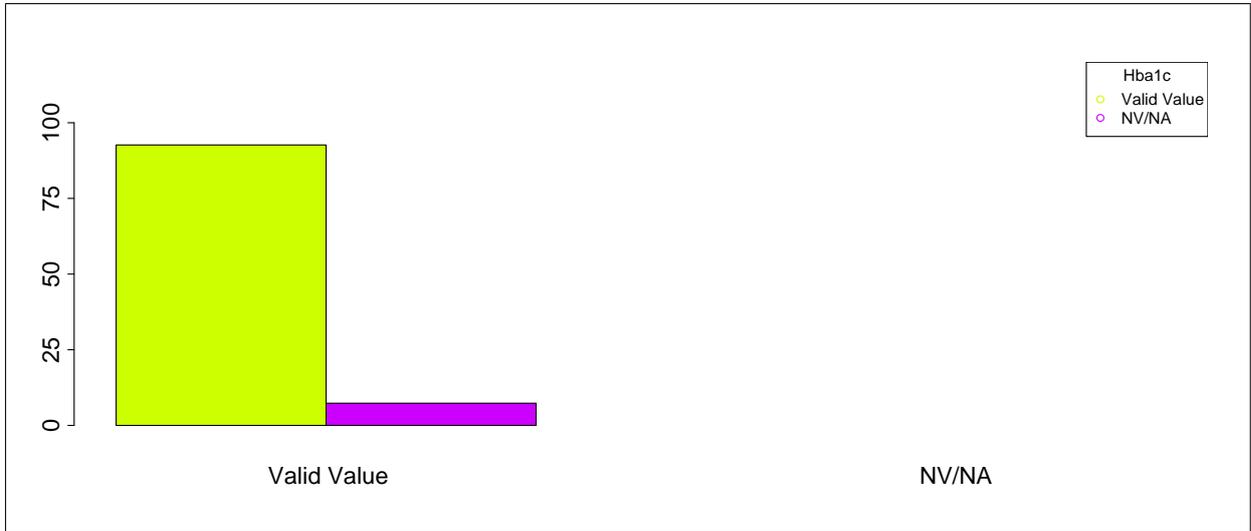


Barplot: 2.2.3.6.3 - Missing Data Hba1c (by Gender)

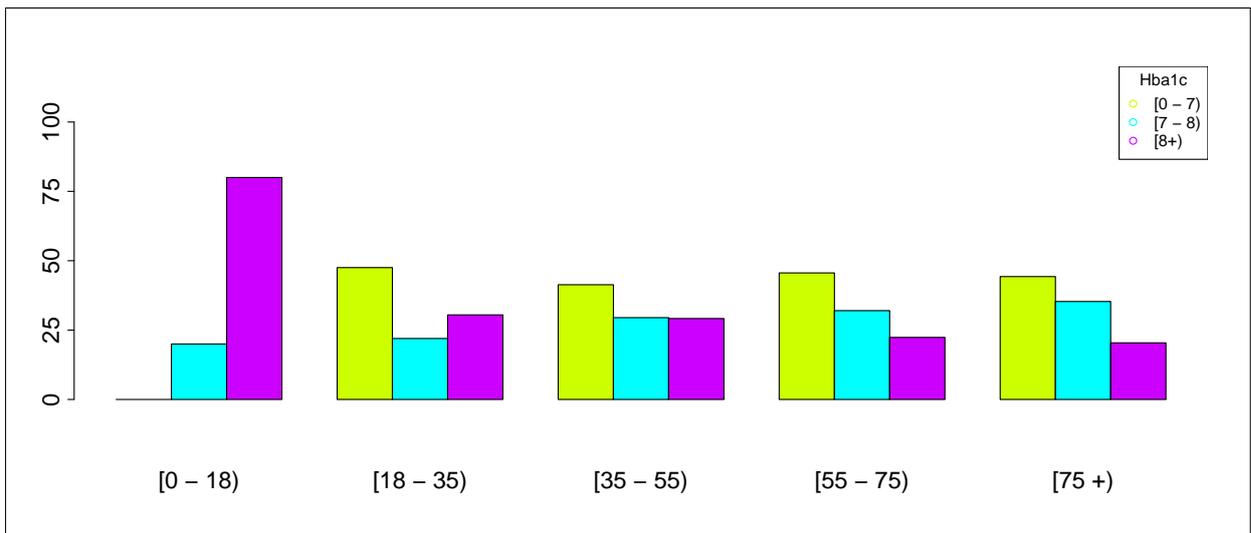


Barplot: 2.2.3.6.4 - Hba1c (by Gender)

2.2.3.6. HbA1c (last episode in 12 months)



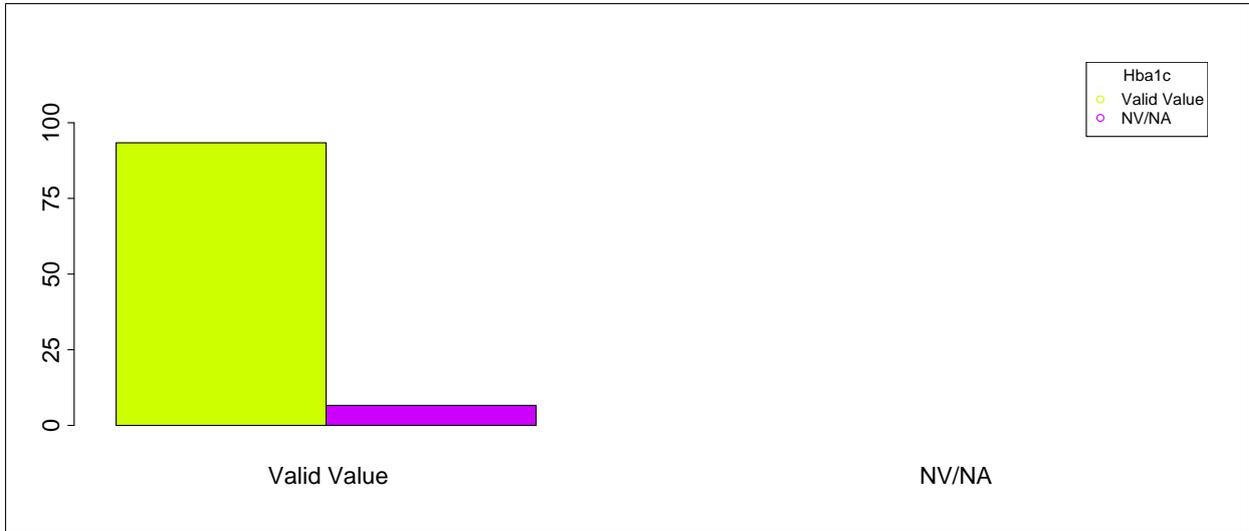
Barplot: 2.2.3.6.5 - Missing Data Hba1c (by Age)



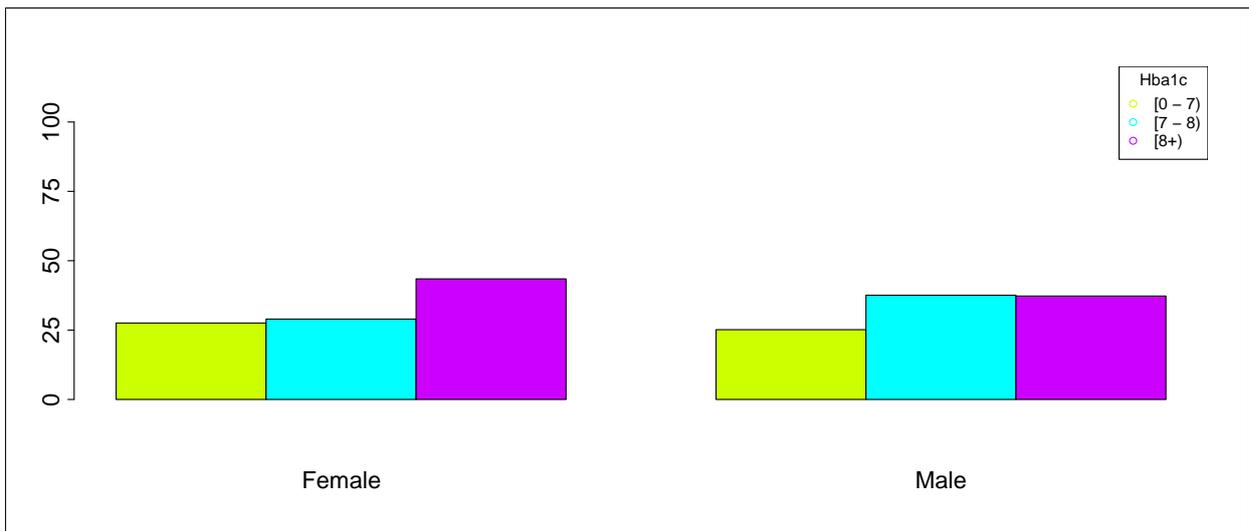
Barplot: 2.2.3.6.6 - Hba1c (by Age)

2.2.3.6. HbA1c (last episode in 12 months)  
Type of Diabetes = Type 1

---



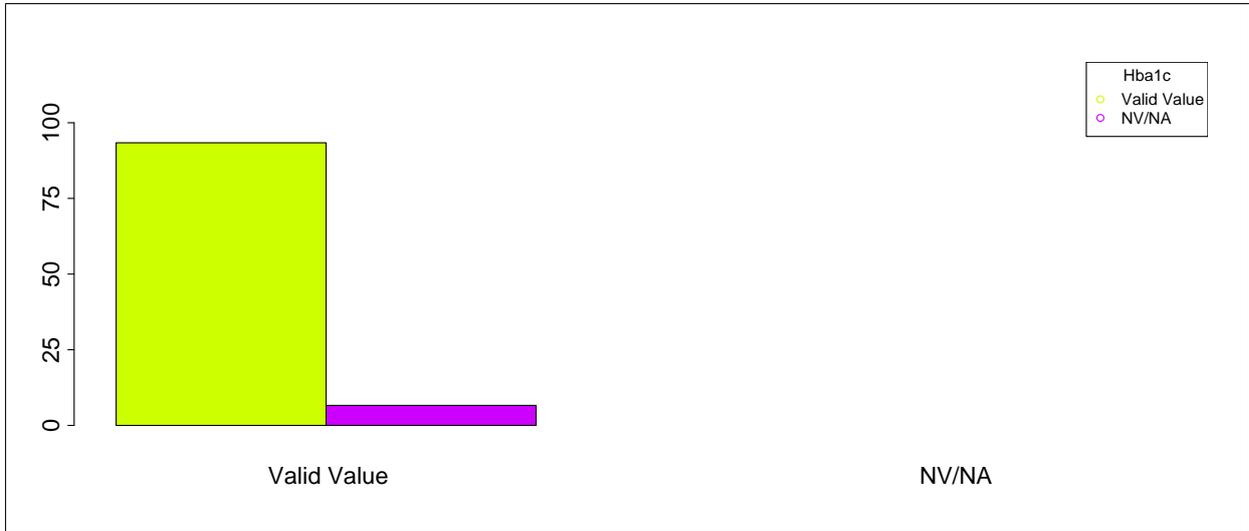
Barplot: 2.2.3.6.7 - Missing Data Hba1c (by Gender, Type of Diabetes = Type 1)



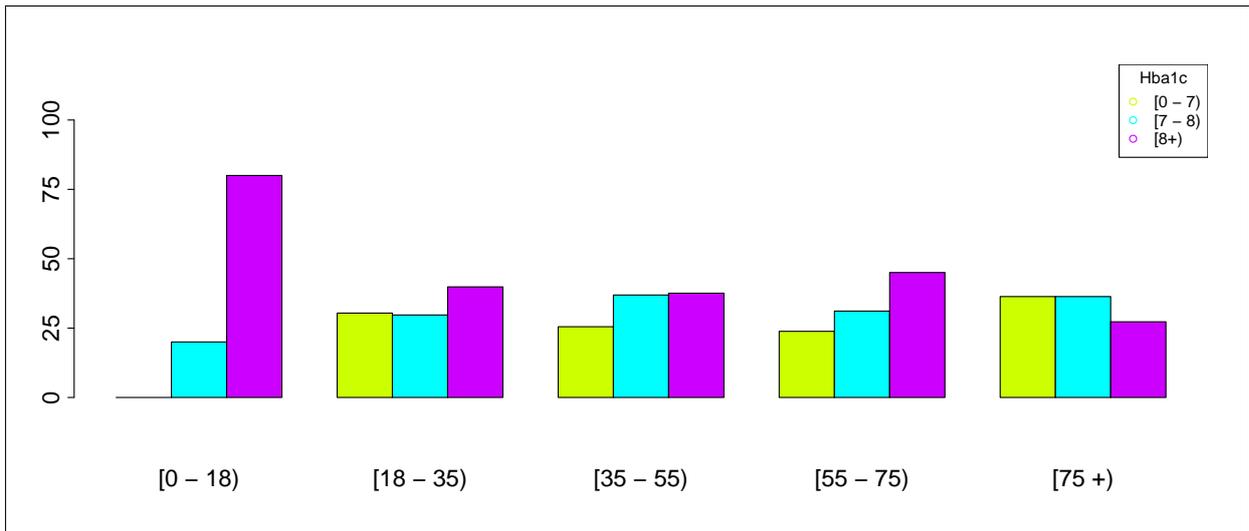
Barplot: 2.2.3.6.8 - Hba1c (by Gender, Type of Diabetes = Type 1)

2.2.3.6. HbA1c (last episode in 12 months)  
Type of Diabetes = Type 1

---



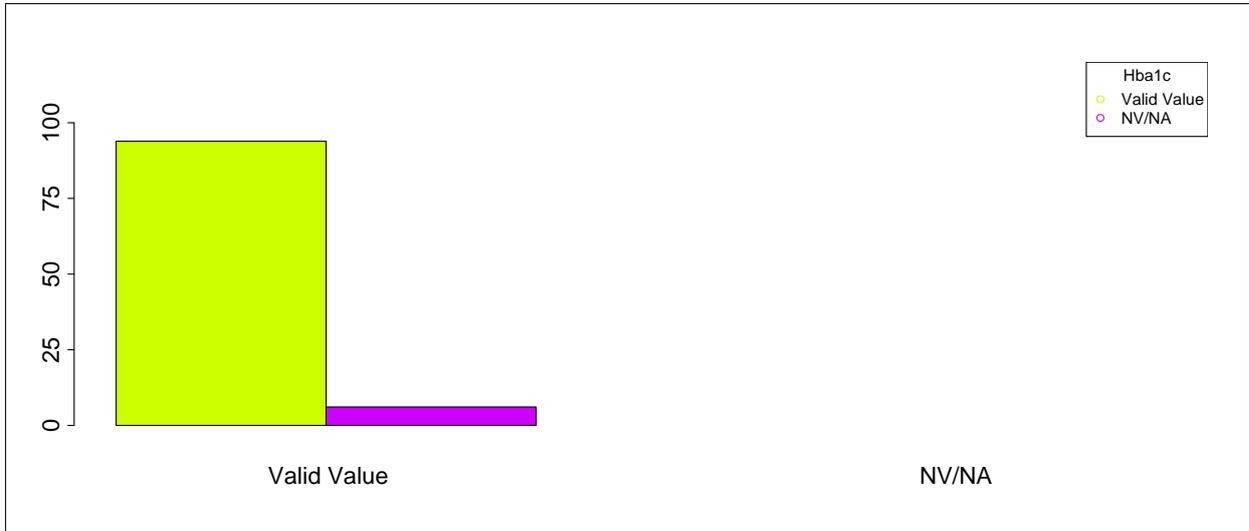
Barplot: 2.2.3.6.9 - Missing Data Hba1c (by Age, Type of Diabetes = Type 1)



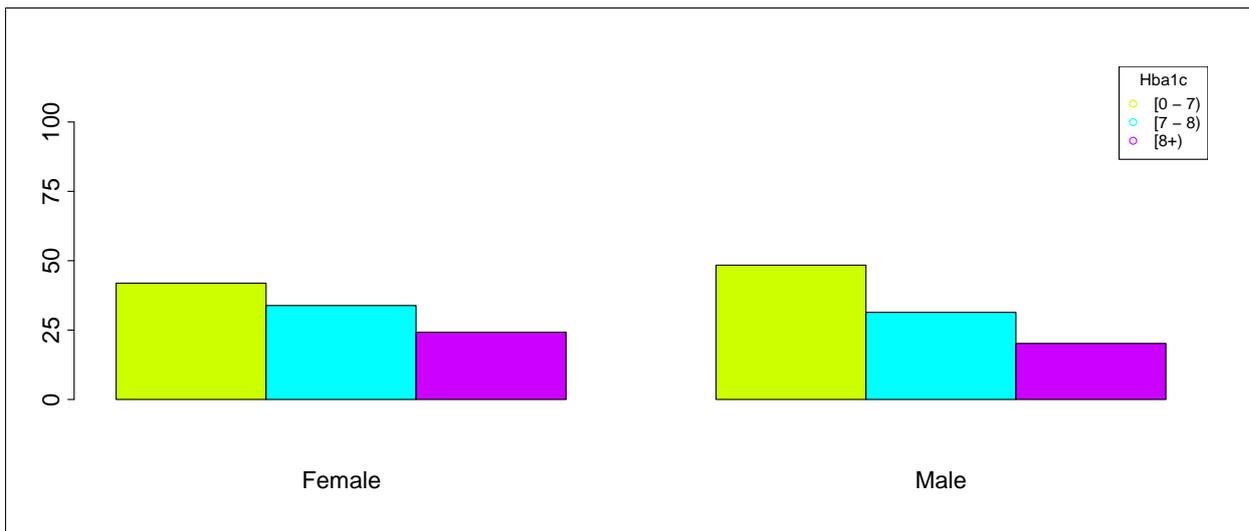
Barplot: 2.2.3.6.10 - Hba1c (by Age, Type of Diabetes = Type 1)

2.2.3.6. HbA1c (last episode in 12 months)  
Type of Diabetes = Type 2

---

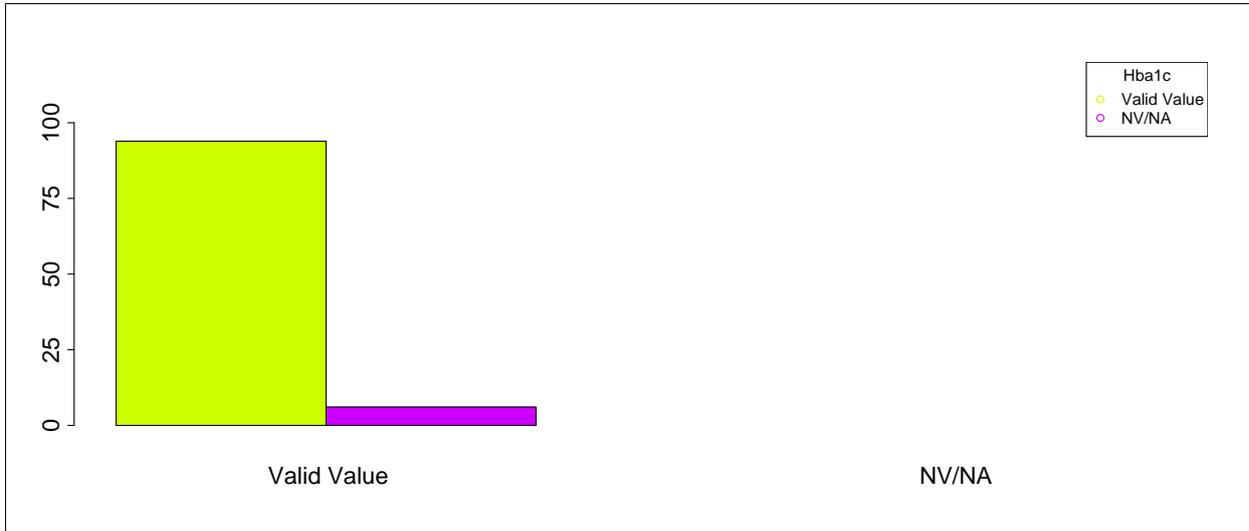


Barplot: 2.2.3.6.11 - Missing Data Hba1c (by Gender, Type of Diabetes = Type 2)

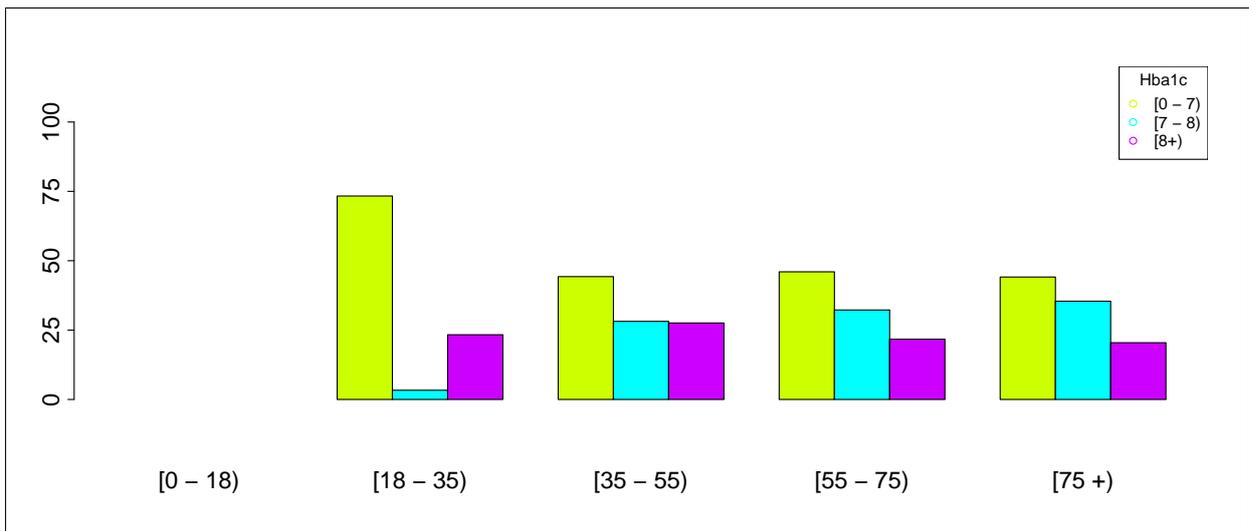


Barplot: 2.2.3.6.12 - Hba1c (by Gender, Type of Diabetes = Type 2)

2.2.3.6. HbA1c (last episode in 12 months)  
Type of Diabetes = Type 2



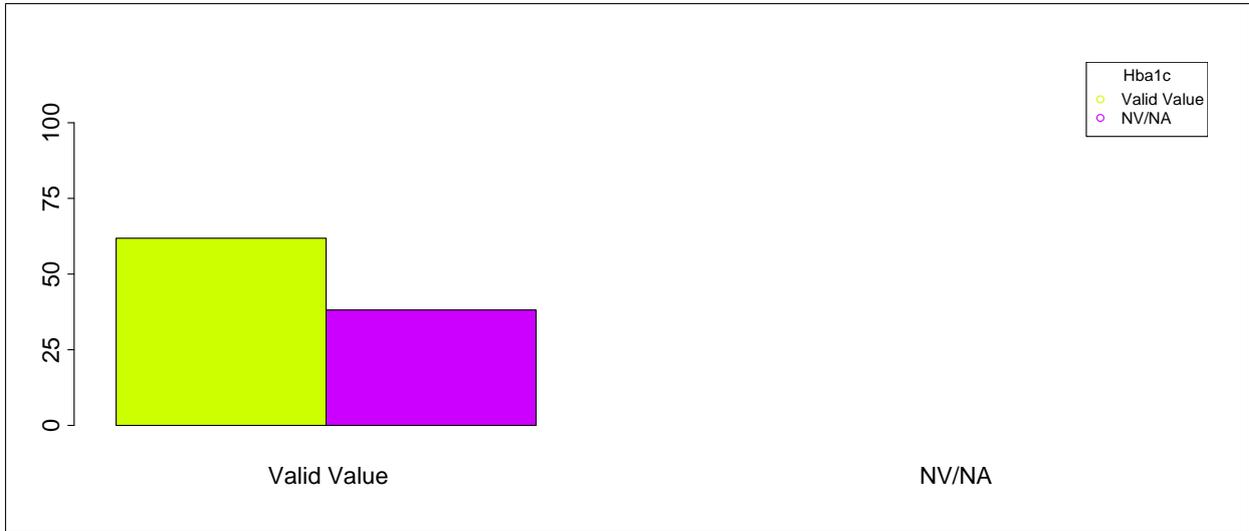
Barplot: 2.2.3.6.13 - Missing Data Hba1c (by Age, Type of Diabetes = Type 2)



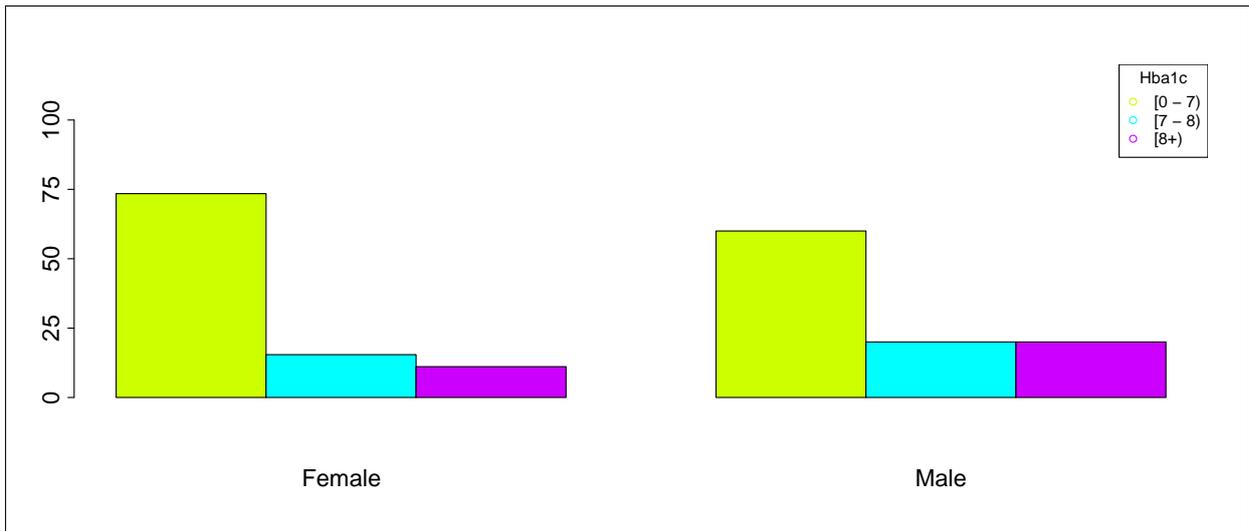
Barplot: 2.2.3.6.14 - Hba1c (by Age, Type of Diabetes = Type 2)

2.2.3.6. HbA1c (last episode in 12 months)  
Type of Diabetes = Other Type

---



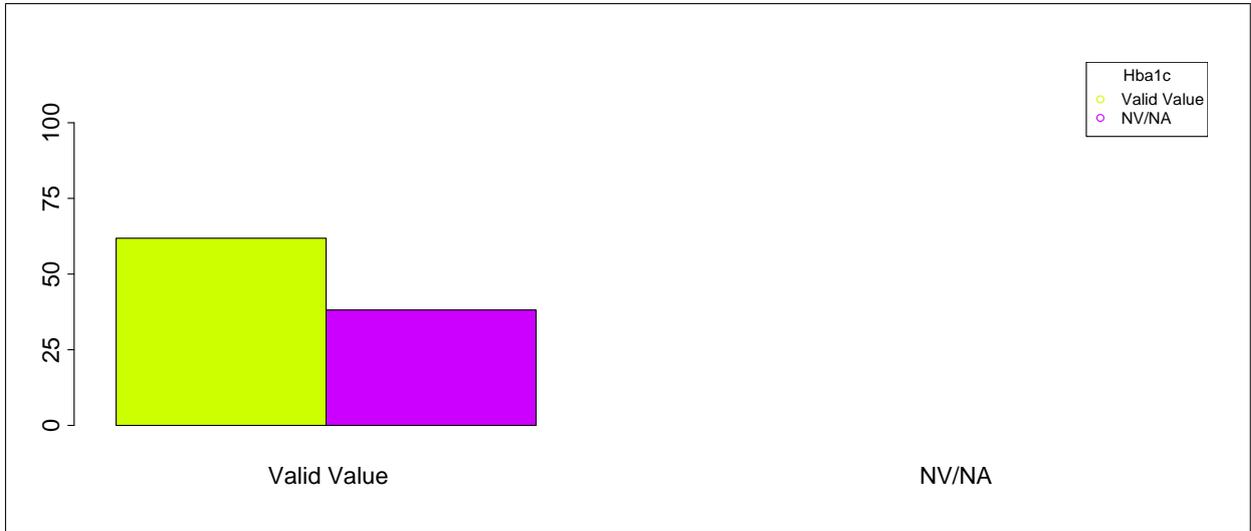
Barplot: 2.2.3.6.15 - Missing Data Hba1c (by Gender, Type of Diabetes = Other Type)



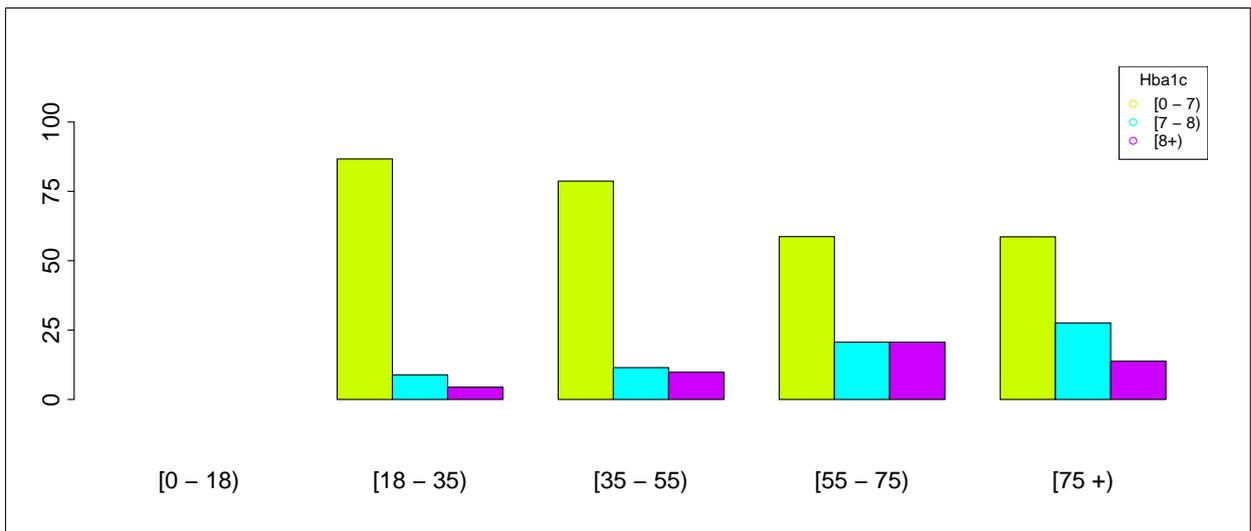
Barplot: 2.2.3.6.16 - Hba1c (by Gender, Type of Diabetes = Other Type)

2.2.3.6. HbA1c (last episode in 12 months)  
Type of Diabetes = Other Type

---

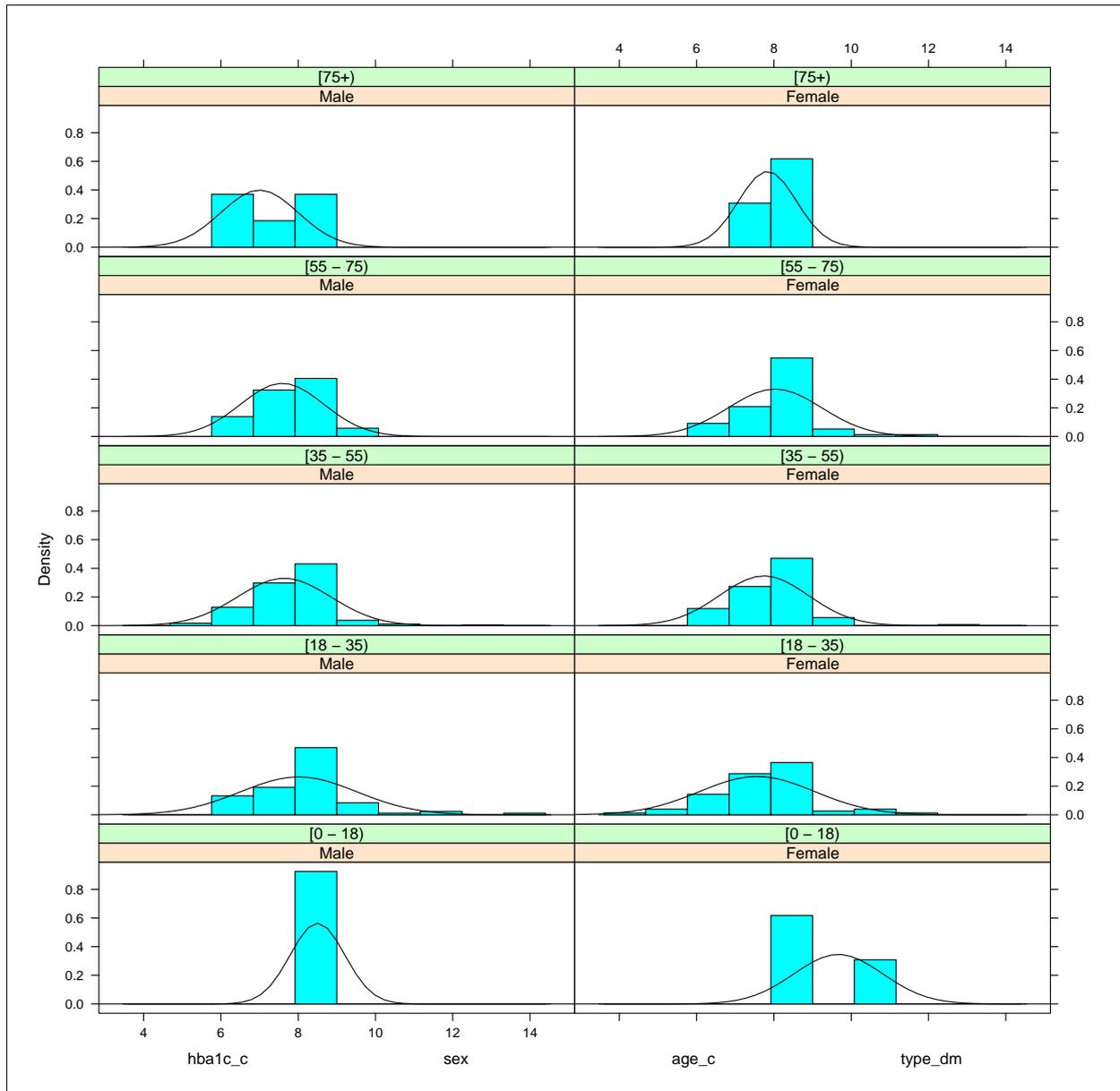


Barplot: 2.2.3.6.17 - Missing Data Hba1c (by Age, Type of Diabetes = Other Type)



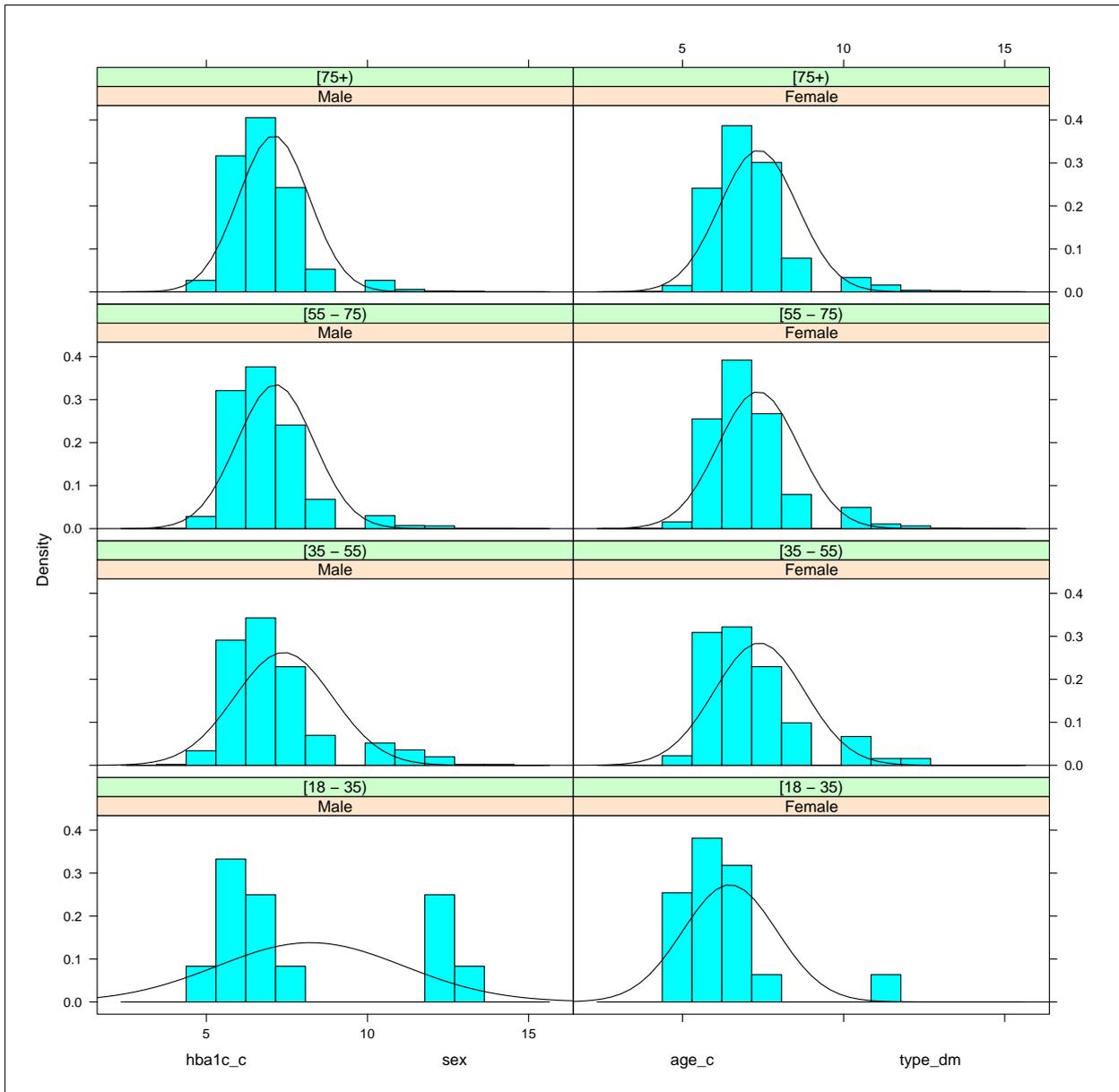
Barplot: 2.2.3.6.18 - Hba1c (by Age, Type of Diabetes = Other Type)

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Type 1**



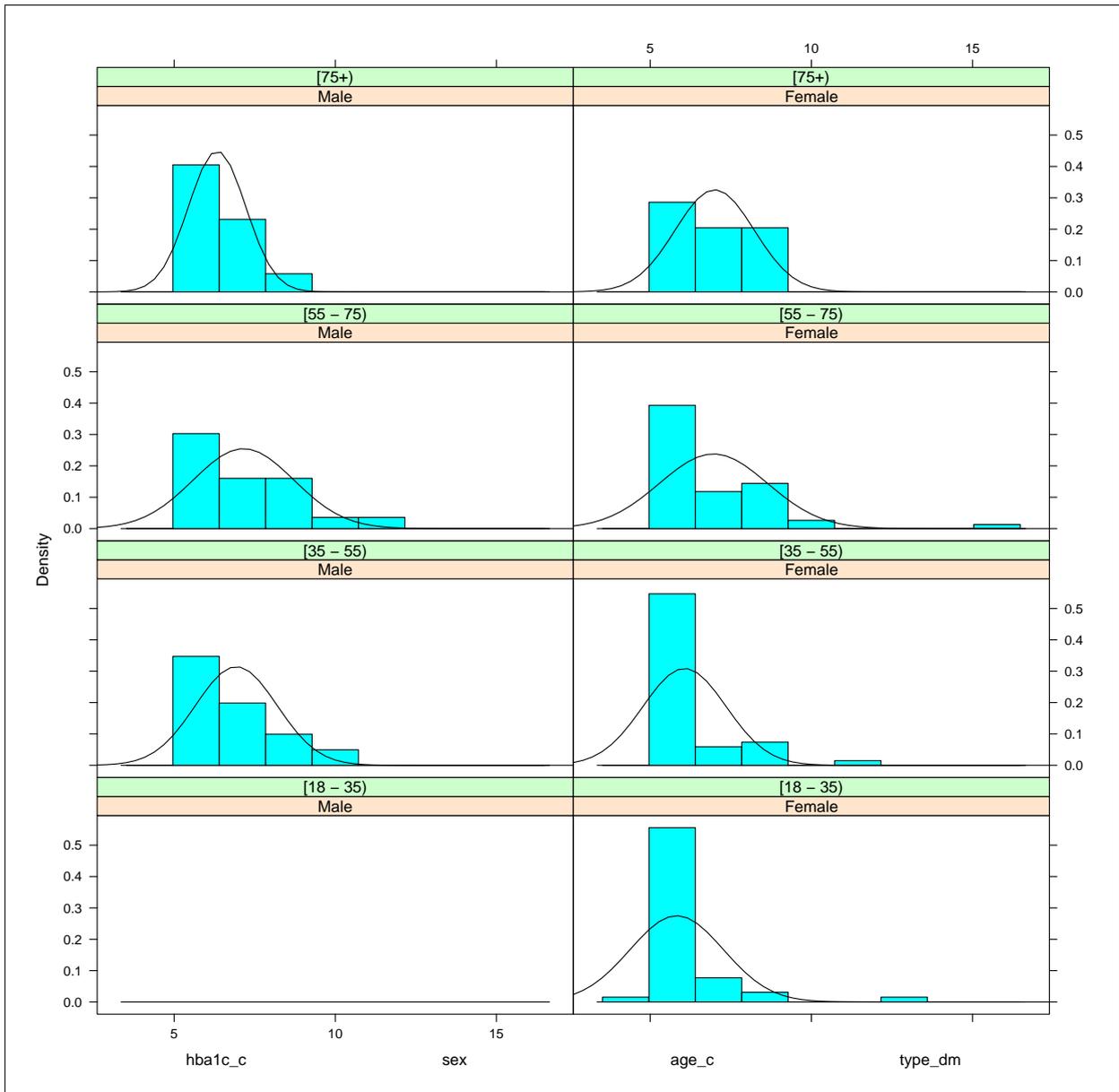
Trellis Barplot: 2.2.3.6.19 - \* Hba1c \* Gender (Type of Diabetes = Type 1)

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Type 2**



Trellis Barplot: 2.2.3.6.20 - \* Hba1c \* Gender (Type of Diabetes = Type 2)

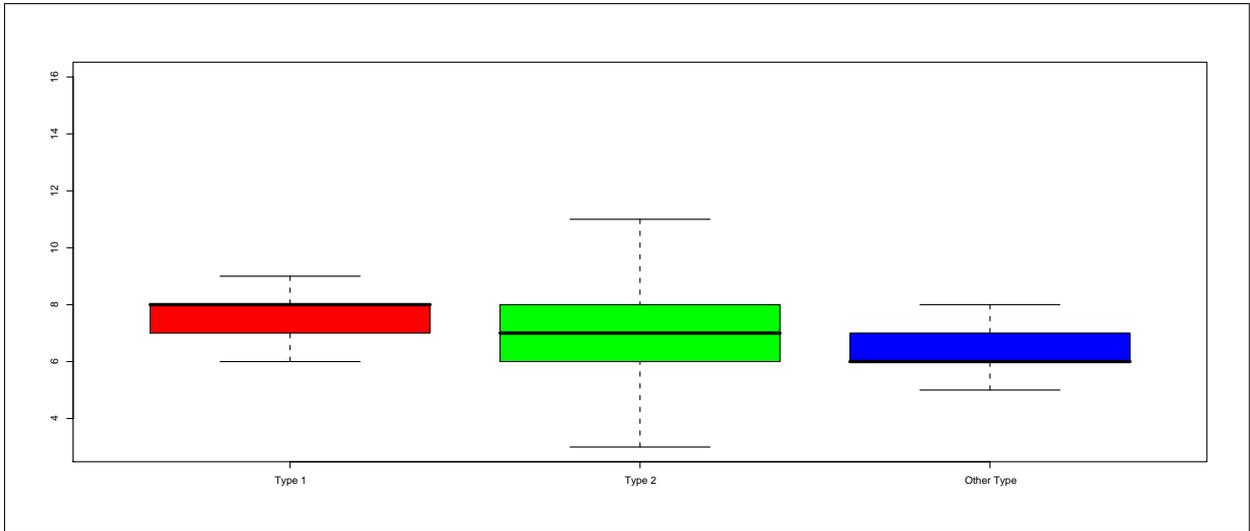
2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Other Type**



Trellis Barplot: 2.2.3.6.21 - \* Hba1c \* Gender (Type of Diabetes = Other Type)

2.2.3.6. HbA1c (last episode in 12 months)

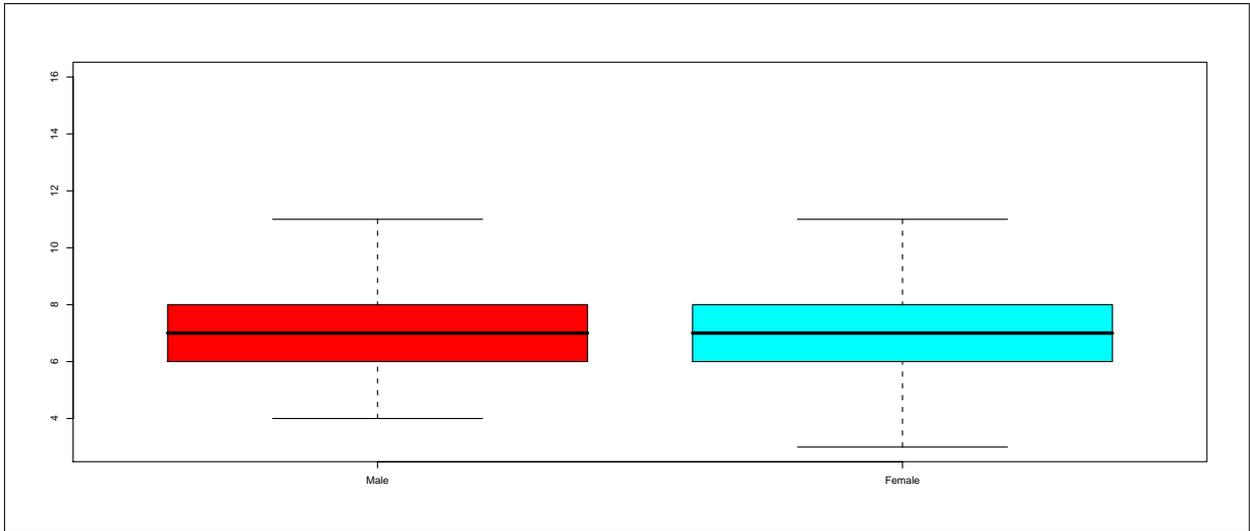
---



Boxplot: 2.2.3.6.1 - Hba1c (by Type of Diabetes)

2.2.3.6. HbA1c (last episode in 12 months)

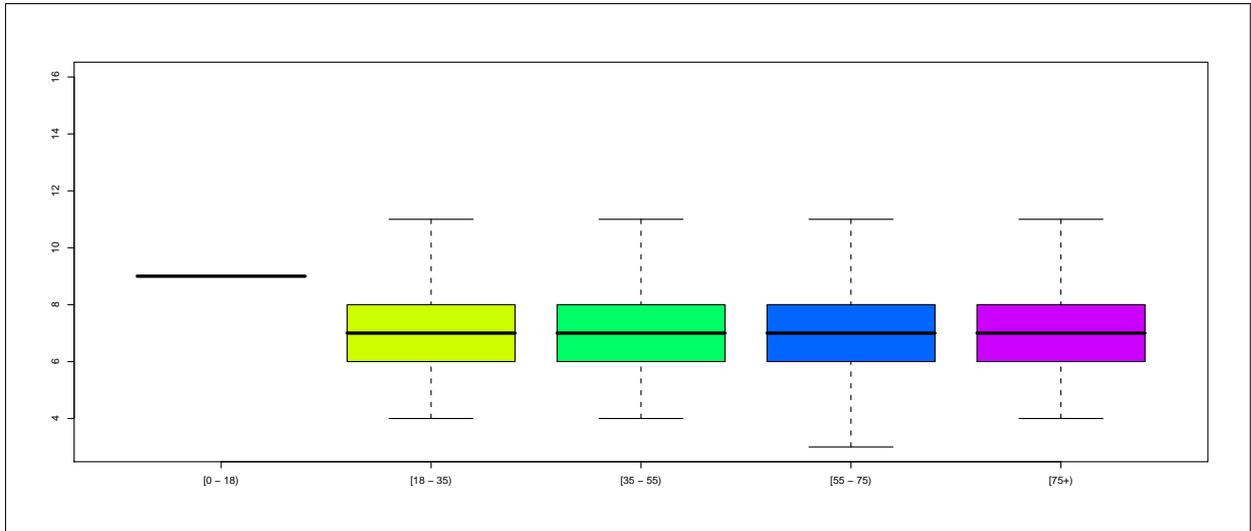
---



Boxplot: 2.2.3.6.2 - Hba1c (by Gender)

### 2.2.3.6. HbA1c (last episode in 12 months)

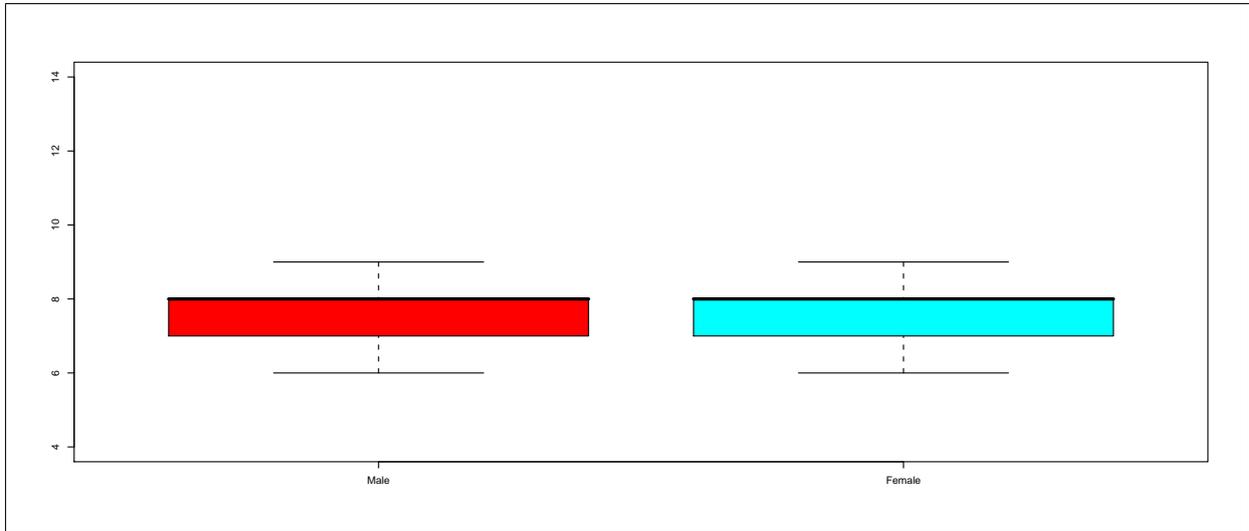
---



Boxplot: 2.2.3.6.3 - Hba1c (by Age)

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Type 1**

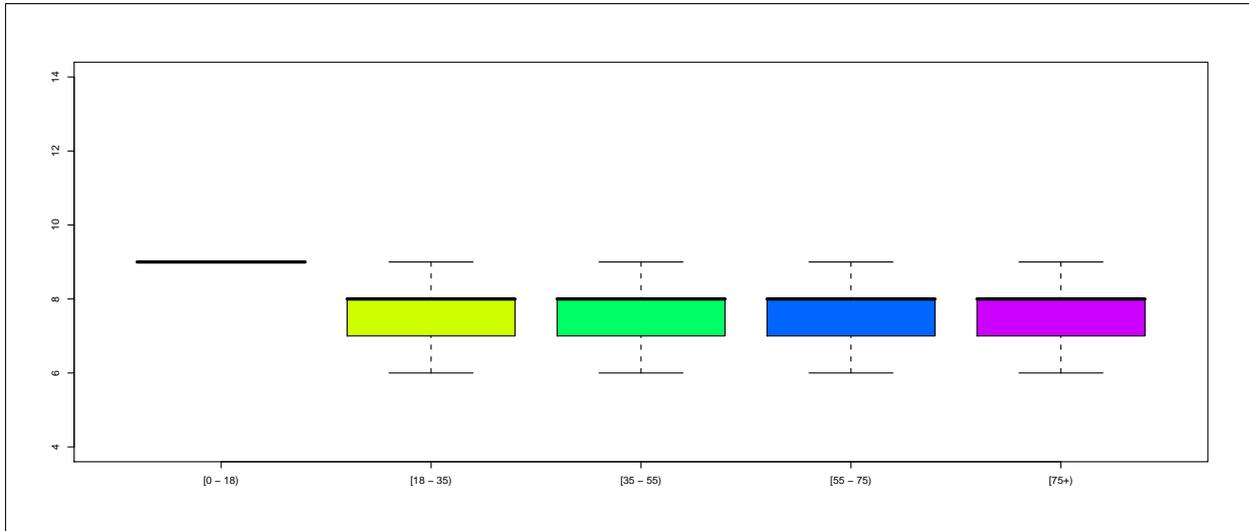
---



Boxplot: 2.2.3.6.4 - Hba1c (by Gender, Type of Diabetes = Type 1)

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Type 1**

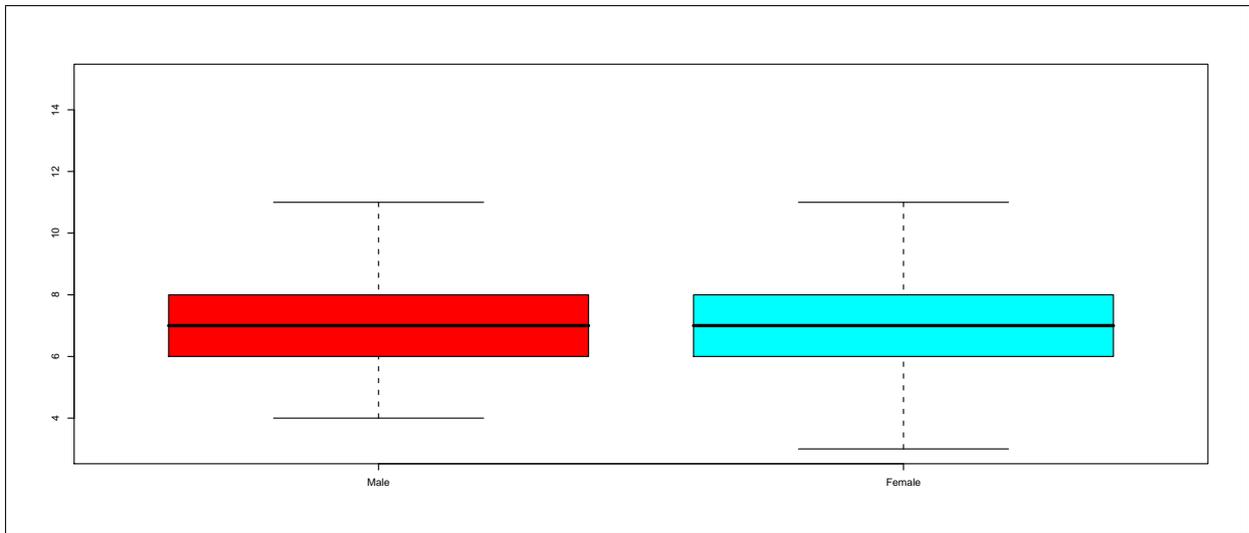
---



Boxplot: 2.2.3.6.5 - Hba1c (by Age, Type of Diabetes = Type 1)

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Type 2**

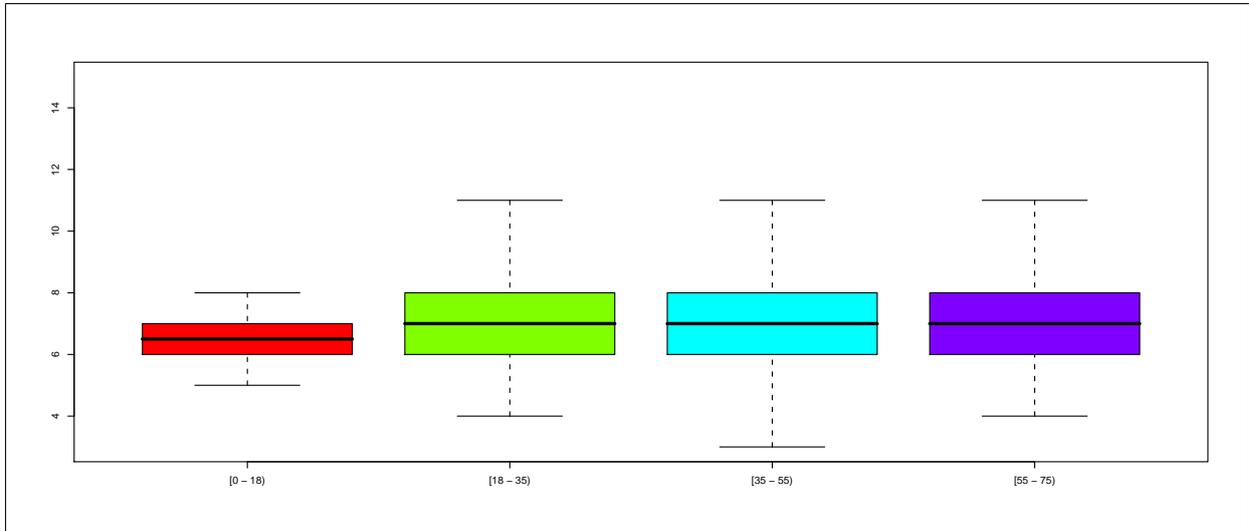
---



Boxplot: 2.2.3.6.6 - Hba1c (by Gender, Type of Diabetes = Type 2)

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Type 2**

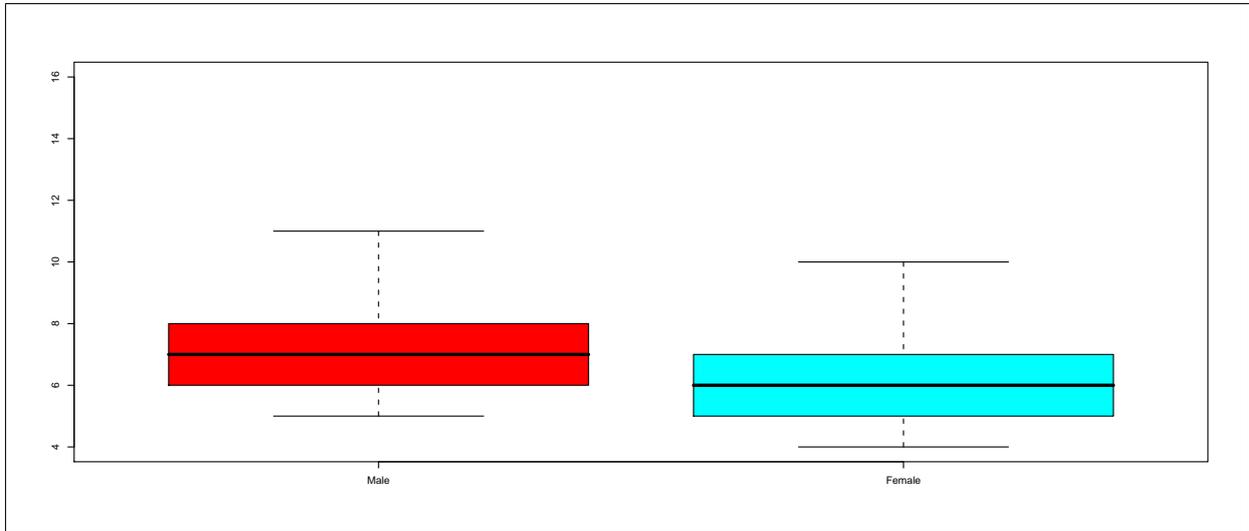
---



Boxplot: 2.2.3.6.7 - Hba1c (by Age, Type of Diabetes = Type 2)

2.2.3.6. HbA1c (last episode in 12 months)  
Type of Diabetes = Other Type

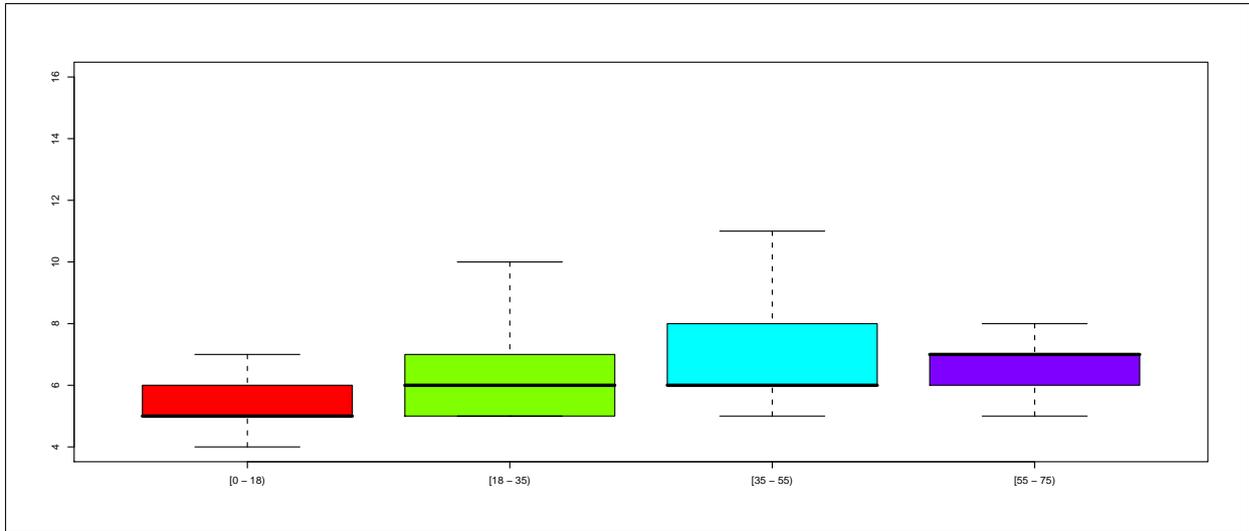
---



Boxplot: 2.2.3.6.8 - Hba1c (by Gender, Type of Diabetes = Other Type)

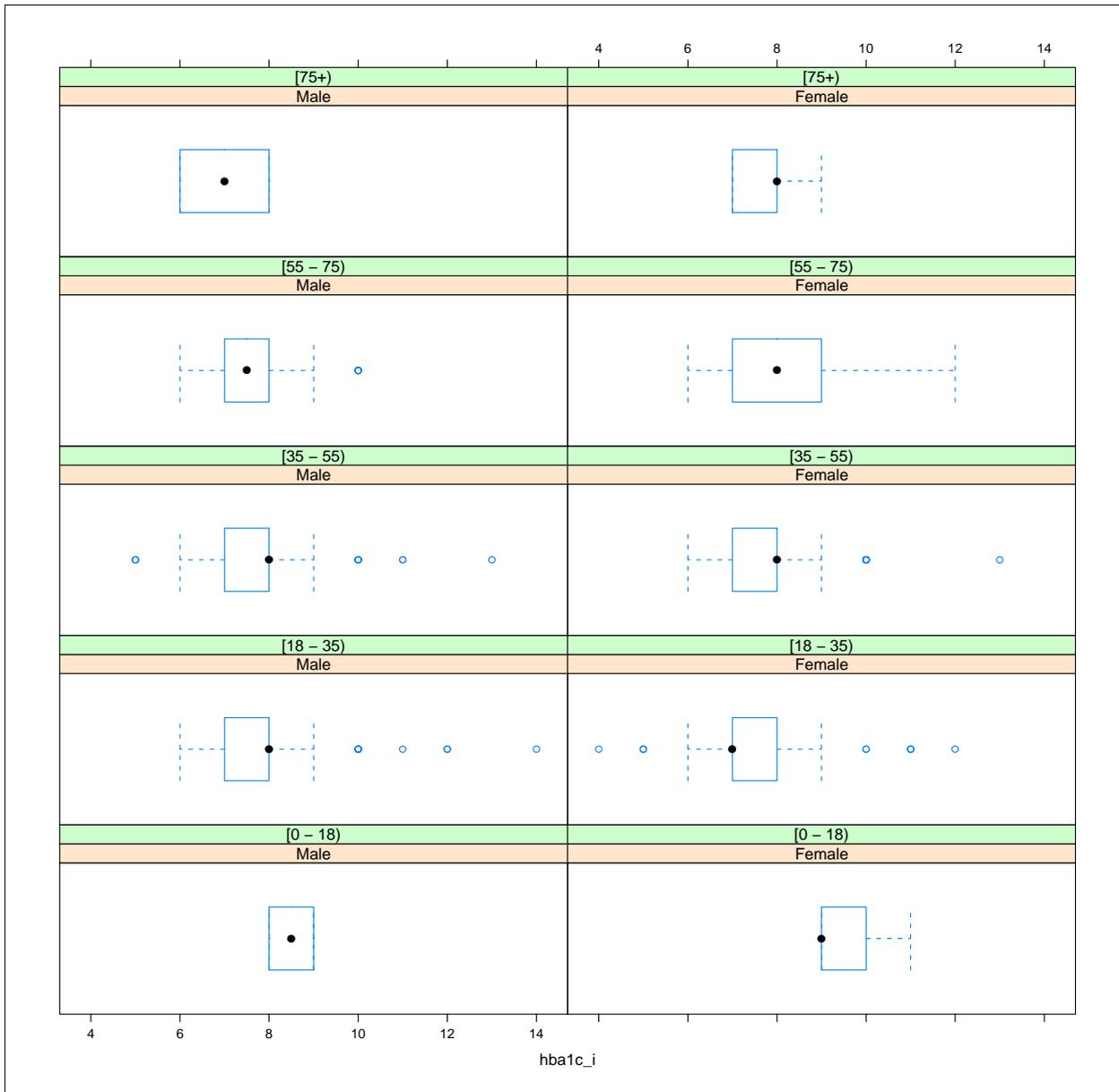
2.2.3.6. HbA1c (last episode in 12 months)  
Type of Diabetes = Other Type

---



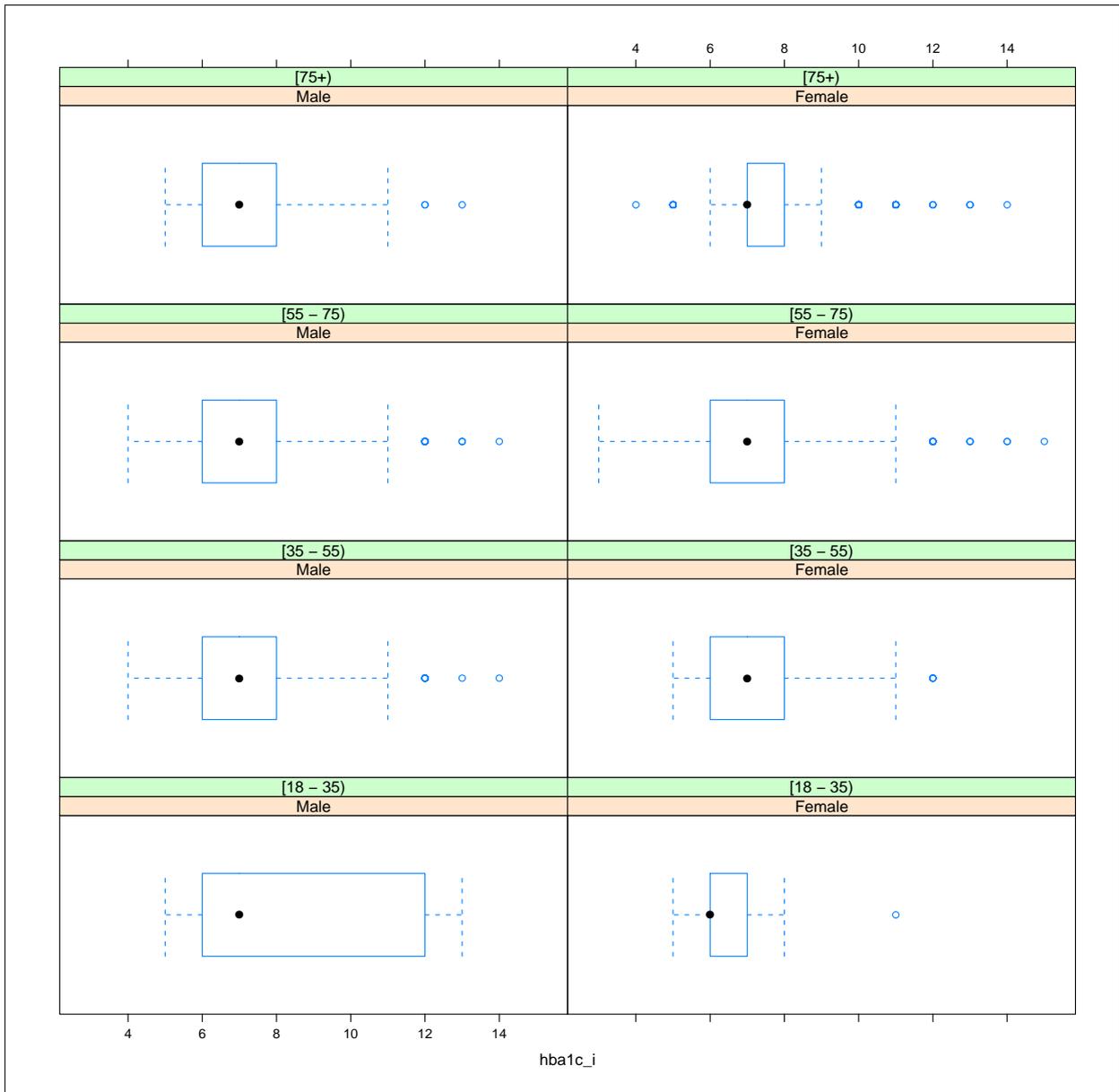
Boxplot: 2.2.3.6.9 - Hba1c (by Age, Type of Diabetes = Other Type)

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Type 1**



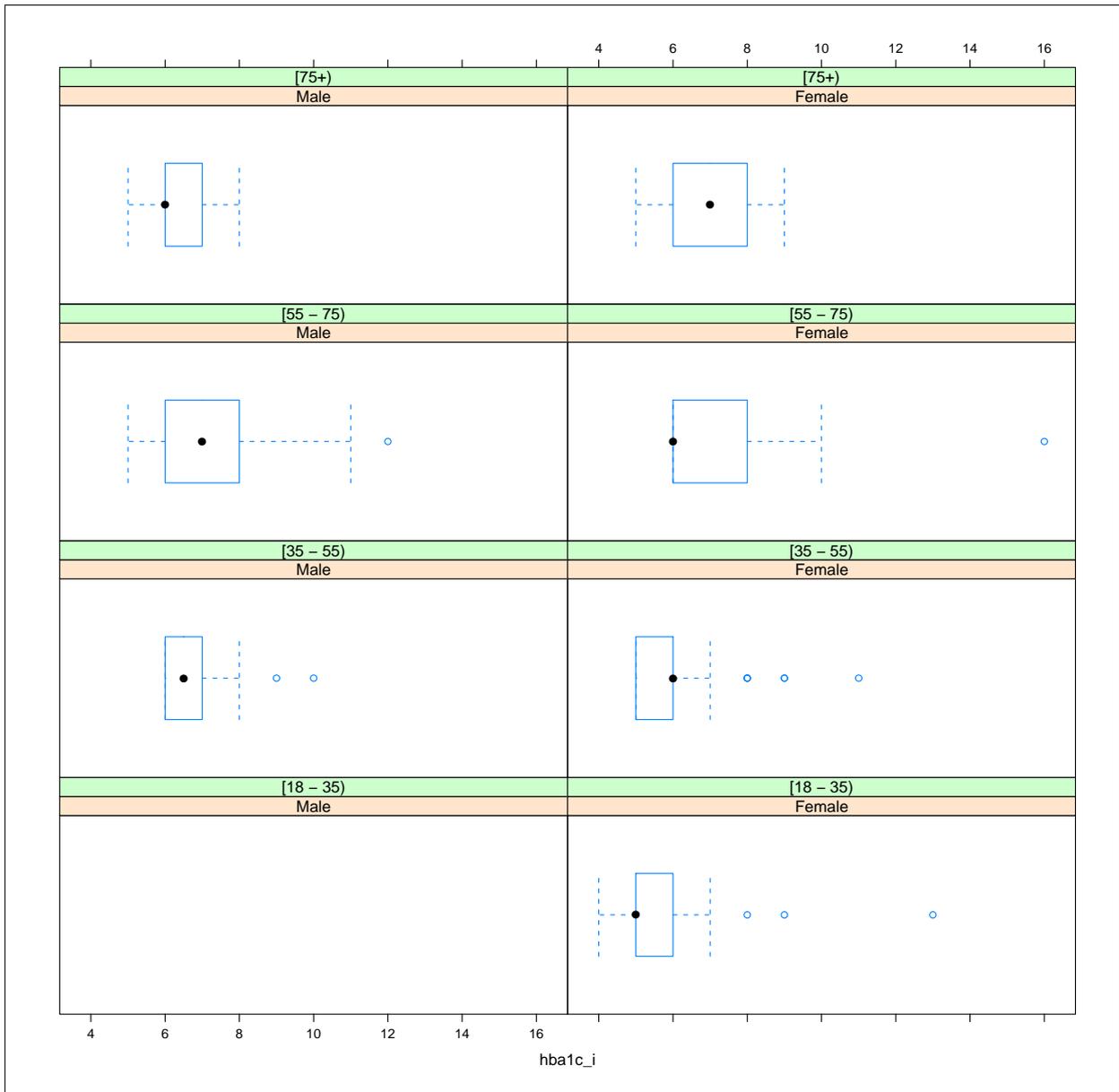
Trellis Boxplot: 2.2.3.6.10 - Hba1c \* Gender \* Age (Type of Diabetes = Type 1)

2.2.3.6. HbA1c (last episode in 12 months)  
Type of Diabetes = Type 2



Trellis Boxplot: 2.2.3.6.11 - Hba1c \* Gender \* Age (Type of Diabetes = Type 2)

2.2.3.6. HbA1c (last episode in 12 months)  
**Type of Diabetes = Other Type**



Trellis Boxplot: 2.2.3.6.12 - Hba1c \* Gender \* Age (Type of Diabetes = Other Type)

### 2.3. Diabetes complications

## Chapter 3

# Health System

### 3.1. Structure (provider level)

### 3.1.1 Type of Provider

centre_id	type	dbname
2	1	foligno
2	1	spoleto
2	1	orvieto
2	1	gubbio
2	1	perugia
2	1	terni

### 3.1.2 Average diabetes population

Age Classes	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.1.2.1: Missing Data Age Classes (by Type of Diabetes)

Age Classes	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
[0 - 10)	0 ( 0.0)	1 ( 0.0)	0( 0.0)	1 ( 0.0)
[10 - 20)	12 ( 1.8)	1 ( 0.0)	3( 0.8)	16 ( 0.2)
[20 - 30)	82 ( 12.3)	10 ( 0.1)	27( 7.4)	119 ( 1.2)
[30 - 40)	151 ( 22.7)	70 ( 0.8)	89( 24.3)	310 ( 3.2)
[40 - 50)	176 ( 26.5)	431 ( 5.0)	31( 8.4)	638 ( 6.6)
[50 - 60)	127 ( 19.1)	1363 ( 15.7)	45( 12.3)	1535 ( 15.8)
[60 - 70)	83 ( 12.5)	2951 ( 33.9)	85( 23.2)	3119 ( 32.0)
[70 - 80)	29 ( 4.4)	2821 ( 32.4)	67( 18.3)	2917 ( 30.0)
[80+)	5 ( 0.8)	1059 ( 12.2)	20( 5.4)	1084 ( 11.1)
TOTAL	665( 6.8)	8707( 89.4)	367( 3.8)	9739 (100.0)

Table 3.1.2.2: Age Classes (by Type of Diabetes)

CMH Chi-Square	
Value	One or more cells have 0 obs

3.1.2 Average diabetes population

Age Classes	Gender		
	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	9739 (100.0)	0( 0.0)	9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)	9739 (100.0)

Table 3.1.2.3: Missing Data Age Classes (by Gender)

Age Classes	Gender		N ( % )
	Male ( % )	Female ( % )	
[0 - 10)	0 ( 0.0)	1( 0.0)	1 ( 0.0)
[10 - 20)	9 ( 0.2)	7( 0.2)	16 ( 0.2)
[20 - 30)	48 ( 0.9)	71( 1.5)	119 ( 1.2)
[30 - 40)	114 ( 2.2)	196( 4.3)	310 ( 3.2)
[40 - 50)	373 ( 7.2)	265( 5.8)	638 ( 6.6)
[50 - 60)	915 ( 17.7)	620( 13.5)	1535 ( 15.8)
[60 - 70)	1746 ( 33.9)	1373( 30.0)	3119 ( 32.0)
[70 - 80)	1498 ( 29.1)	1419( 31.0)	2917 ( 30.0)
[80+)	453 ( 8.8)	631( 13.8)	1084 ( 11.1)
TOTAL	5156( 52.9)	4583( 47.1)	9739 (100.0)

Table 3.1.2.4: Age Classes (by Gender)

---



---

CMH Chi-Square

---

Value    One or more cells have 0 obs

---

3.1.2 Average diabetes population  
**Type of Diabetes = Type 1**

Age Classes	Gender		
	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	665 (100.0)	0( 0.0)	665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
<b>TOTAL</b>	<b>665(100.0)</b>	<b>0( 0.0)</b>	<b>665 (100.0)</b>

Table 3.1.2.5: Missing Data Age Classes (by Gender, Type of Diabetes = Type 1)

Age Classes	Gender		N ( % )
	Male ( % )	Female ( % )	
[0 - 10)	0 ( 0.0)	0( 0.0)	0 ( 0.0)
[10 - 20)	7 ( 2.0)	5( 1.6)	12 ( 1.8)
[20 - 30)	43 ( 12.1)	39( 12.6)	82 ( 12.3)
[30 - 40)	73 ( 20.5)	78( 25.2)	151 ( 22.7)
[40 - 50)	97 ( 27.2)	79( 25.6)	176 ( 26.5)
[50 - 60)	74 ( 20.8)	53( 17.2)	127 ( 19.1)
[60 - 70)	47 ( 13.2)	36( 11.7)	83 ( 12.5)
[70 - 80)	13 ( 3.7)	16( 5.2)	29 ( 4.4)
[80+)	2 ( 0.6)	3( 1.0)	5 ( 0.8)
<b>TOTAL</b>	<b>356( 53.5)</b>	<b>309( 46.5)</b>	<b>665 (100.0)</b>

Table 3.1.2.6: Age Classes (by Gender, Type of Diabetes = Type 1)

---



---

CMH Chi-Square

---

Value    One or more cells have 0 obs

---

3.1.2 Average diabetes population  
**Type of Diabetes = Type 2**

Age Classes	Gender		
	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	8707 (100.0)	0( 0.0)	8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
<b>TOTAL</b>	<b>8707(100.0)</b>	<b>0( 0.0)</b>	<b>8707 (100.0)</b>

Table 3.1.2.7: Missing Data Age Classes (by Gender, Type of Diabetes = Type 2)

Age Classes	Gender		N ( % )
	Male ( % )	Female ( % )	
[0 - 10)	0 ( 0.0)	1( 0.0)	1 ( 0.0)
[10 - 20)	1 ( 0.0)	0( 0.0)	1 ( 0.0)
[20 - 30)	5 ( 0.1)	5( 0.1)	10 ( 0.1)
[30 - 40)	41 ( 0.9)	29( 0.7)	70 ( 0.8)
[40 - 50)	269 ( 5.7)	162( 4.0)	431 ( 5.0)
[50 - 60)	819 ( 17.4)	544( 13.6)	1363 ( 15.7)
[60 - 70)	1667 ( 35.5)	1284( 32.1)	2951 ( 33.9)
[70 - 80)	1454 ( 30.9)	1367( 34.1)	2821 ( 32.4)
[80+)	445 ( 9.5)	614( 15.3)	1059 ( 12.2)
<b>TOTAL</b>	<b>4701( 54.0)</b>	<b>4006( 46.0)</b>	<b>8707 (100.0)</b>

Table 3.1.2.8: Age Classes (by Gender, Type of Diabetes = Type 2)

---



---

CMH Chi-Square

---

Value One or more cells have 0 obs

---

3.1.2 Average diabetes population  
**Type of Diabetes = Other Type**

Age Classes	Gender		
	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	367 (100.0)	0( 0.0)	367 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>	<b>367 (100.0)</b>

Table 3.1.2.9: Missing Data Age Classes (by Gender, Type of Diabetes = Other Type)

Age Classes	Gender		N ( % )
	Male ( % )	Female ( % )	
[0 - 10)	0 ( 0.0)	0( 0.0)	0 ( 0.0)
[10 - 20)	1 ( 1.0)	2( 0.7)	3 ( 0.8)
[20 - 30)	0 ( 0.0)	27( 10.1)	27 ( 7.4)
[30 - 40)	0 ( 0.0)	89( 33.2)	89 ( 24.3)
[40 - 50)	7 ( 7.1)	24( 9.0)	31 ( 8.4)
[50 - 60)	22 ( 22.2)	23( 8.6)	45 ( 12.3)
[60 - 70)	32 ( 32.3)	53( 19.8)	85 ( 23.2)
[70 - 80)	31 ( 31.3)	36( 13.4)	67 ( 18.3)
[80+)	6 ( 6.1)	14( 5.2)	20 ( 5.4)
<b>TOTAL</b>	<b>99( 27.0)</b>	<b>268( 73.0)</b>	<b>367 (100.0)</b>

Table 3.1.2.10: Age Classes (by Gender, Type of Diabetes = Other Type)

---



---

CMH Chi-Square

---

Value    One or more cells have 0 obs

---

### 3.2. Structural quality

### 3.2.1 Hospital beds per 100,000 population

year	beds	pop	Rate
2008	600	872964	68.73

### 3.2.2 Physicians employed per 100,000 population

year	ds phisicians	pop	Rate
2008	600	872964	68.73

### 3.3. Processes (individual level)

### 3.3.1. Foot examination

### 3.3.2. Eye examination

### 3.3.3 Measurements examination

### 3.3.3.1 BP (last episode in 12 months)

BP Exam	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.3.1.1: Missing Data BP Exam (by Type of Diabetes)

BP Exam	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
Yes	249 ( 37.4)	5691 ( 65.4)	114( 31.1)	6054 ( 62.2)
No	416 ( 62.6)	3016 ( 34.6)	253( 68.9)	3685 ( 37.8)
TOTAL	665( 6.8)	8707( 89.4)	367( 3.8)	9739 (100.0)

Table 3.3.3.1.2: BP Exam (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	361.5447	0	2

3.3.3.1 BP (last episode in 12 months)

BP Exam	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.3.1.3: Missing Data BP Exam (by Age Classes)

BP Exam	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	1 ( 12.5)	86 ( 32.2)	775 ( 55.3)	3806 ( 66.2)	1386( 59.9)	6054 ( 62.2)
No	7 ( 87.5)	181 ( 67.8)	626 ( 44.7)	1942 ( 33.8)	929( 40.1)	3685 ( 37.8)
TOTAL	8( 0.1)	267( 2.7)	1401( 14.4)	5748( 59.0)	2315( 23.8)	9739 (100.0)

Table 3.3.3.1.4: BP Exam (by Age Classes)

	CMH Chi-Square	p.value	df
Value	183.4312	0	4

3.3.3.1 BP (last episode in 12 months)  
**Type of Diabetes = Type 1**

BP Exam	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 3.3.3.1.5: Missing Data BP Exam (by Age Classes, Type of Diabetes = Type 1)

BP Exam	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	1 ( 20.0)	53 ( 32.7)	120 ( 36.6)	71 ( 44.9)	4( 33.3)	249 ( 37.4)
No	4 ( 80.0)	109 ( 67.3)	208 ( 63.4)	87 ( 55.1)	8( 66.7)	416 ( 62.6)
TOTAL	5( 0.8)	162( 24.4)	328( 49.3)	158( 23.8)	12( 1.8)	665 (100.0)

Table 3.3.3.1.6: BP Exam (by Age Classes, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	6.1723	0.1866	4

3.3.3.1 BP (last episode in 12 months)  
**Type of Diabetes = Type 2**

BP Exam	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 3.3.3.1.7: Missing Data BP Exam (by Age Classes, Type of Diabetes = Type 2)

BP Exam	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	19 ( 57.6)	630 ( 64.8)	3677 ( 67.6)	1365( 60.4)	5691 ( 65.4)
No	1 (100.0)	14 ( 42.4)	342 ( 35.2)	1765 ( 32.4)	894( 39.6)	3016 ( 34.6)
TOTAL	1( 0.0)	33( 0.4)	972( 11.2)	5442( 62.5)	2259( 25.9)	8707 (100.0)

Table 3.3.3.1.8: BP Exam (by Age Classes, Type of Diabetes = Type 2)

=====  
 CMH Chi-Square  
 Value    One or more cells have 0 obs  
 =====

3.3.3.1 BP (last episode in 12 months)

**Type of Diabetes = Other Type**

BP Exam	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	367 (100.0)	0( 0.0)		367 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>		<b>367 (100.0)</b>

Table 3.3.3.1.9: Missing Data BP Exam (by Age Classes, Type of Diabetes = Other Type)

BP Exam	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	14 ( 19.4)	25 ( 24.8)	58 ( 39.2)	17( 38.6)	114 ( 31.1)
No	2 (100.0)	58 ( 80.6)	76 ( 75.2)	90 ( 60.8)	27( 61.4)	253 ( 68.9)
<b>TOTAL</b>	<b>2( 0.5)</b>	<b>72( 19.6)</b>	<b>101( 27.5)</b>	<b>148( 40.3)</b>	<b>44( 12.0)</b>	<b>367 (100.0)</b>

Table 3.3.3.1.10: BP Exam (by Age Classes, Type of Diabetes = Other Type)

CMH Chi-Square	
Value	One or more cells have 0 obs

### 3.3.3.2 Lipids

Lipids	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.3.2.1: Missing Data Lipids (by Type of Diabetes)

Lipids	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
Yes	410 ( 61.7)	6729 ( 77.3)	221( 60.2)	7360 ( 75.6)
No	255 ( 38.3)	1978 ( 22.7)	146( 39.8)	2379 ( 24.4)
TOTAL	665( 6.8)	8707( 89.4)	367( 3.8)	9739 (100.0)

Table 3.3.3.2.2: Lipids (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	130.4478	0	2

3.3.3.2 Lipids

Lipids	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.3.2.3: Missing Data Lipids (by Age Classes)

Lipids	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	3 ( 37.5)	133 ( 49.8)	1017 ( 72.6)	4523 ( 78.7)	1684( 72.7)	7360 ( 75.6)
No	5 ( 62.5)	134 ( 50.2)	384 ( 27.4)	1225 ( 21.3)	631( 27.3)	2379 ( 24.4)
TOTAL	8( 0.1)	267( 2.7)	1401( 14.4)	5748( 59.0)	2315( 23.8)	9739 (100.0)

Table 3.3.3.2.4: Lipids (by Age Classes)

	CMH Chi-Square	p.value	df
Value	149.2684	0	4

3.3.3.2 Lipids  
**Type of Diabetes = Type 1**

Lipids	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>665(100.0)</b>	<b>0( 0.0)</b>		<b>665 (100.0)</b>

Table 3.3.3.2.5: Missing Data Lipids (by Age Classes, Type of Diabetes = Type 1)

Lipids	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	1 ( 20.0)	94 ( 58.0)	201 ( 61.3)	107 ( 67.7)	7( 58.3)	410 ( 61.7)
No	4 ( 80.0)	68 ( 42.0)	127 ( 38.7)	51 ( 32.3)	5( 41.7)	255 ( 38.3)
<b>TOTAL</b>	<b>5( 0.8)</b>	<b>162( 24.4)</b>	<b>328( 49.3)</b>	<b>158( 23.8)</b>	<b>12( 1.8)</b>	<b>665 (100.0)</b>

Table 3.3.3.2.6: Lipids (by Age Classes, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	7.1077	0.1303	4

3.3.3.2 Lipids  
**Type of Diabetes = Type 2**

---

Lipids	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>8707(100.0)</b>	<b>0( 0.0)</b>		<b>8707 (100.0)</b>

Table 3.3.3.2.7: Missing Data Lipids (by Age Classes, Type of Diabetes = Type 2)

Lipids	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	1 (100.0)	24 ( 72.7)	767 ( 78.9)	4300 ( 79.0)	1637( 72.5)	6729 ( 77.3)
No	0 ( 0.0)	9 ( 27.3)	205 ( 21.1)	1142 ( 21.0)	622( 27.5)	1978 ( 22.7)
<b>TOTAL</b>	<b>1( 0.0)</b>	<b>33( 0.4)</b>	<b>972( 11.2)</b>	<b>5442( 62.5)</b>	<b>2259( 25.9)</b>	<b>8707 (100.0)</b>

Table 3.3.3.2.8: Lipids (by Age Classes, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

3.3.3.2 Lipids  
**Type of Diabetes = Other Type**

Lipids	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	367 (100.0)	0( 0.0)		367 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>		<b>367 (100.0)</b>

Table 3.3.3.2.9: Missing Data Lipids (by Age Classes, Type of Diabetes = Other Type)

Lipids	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	1 ( 50.0)	15 ( 20.8)	49 ( 48.5)	116 ( 78.4)	40( 90.9)	221 ( 60.2)
No	1 ( 50.0)	57 ( 79.2)	52 ( 51.5)	32 ( 21.6)	4( 9.1)	146 ( 39.8)
<b>TOTAL</b>	<b>2( 0.5)</b>	<b>72( 19.6)</b>	<b>101( 27.5)</b>	<b>148( 40.3)</b>	<b>44( 12.0)</b>	<b>367 (100.0)</b>

Table 3.3.3.2.10: Lipids (by Age Classes, Type of Diabetes = Other Type)

	CMH Chi-Square	p.value	df
Value	90.1576	0	4

### 3.3.3.4 HbA1c (last episode in 12 months)

Hba1c done	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.3.4.1: Missing Data Hba1c done (by Type of Diabetes)

Hba1c done	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
Yes	621 ( 93.4)	8176 ( 93.9)	227( 61.9)	9024 ( 92.7)
No	44 ( 6.6)	531 ( 6.1)	140( 38.1)	715 ( 7.3)
TOTAL	665( 6.8)	8707( 89.4)	367( 3.8)	9739 (100.0)

Table 3.3.3.4.2: Hba1c done (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	532.2649	0	2

3.3.3.4 HbA1c (last episode in 12 months)

Hba1c done	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.3.4.3: Missing Data Hba1c done (by Age Classes)

Hba1c done	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	5 ( 62.5)	223 ( 83.5)	1248 ( 89.1)	5387 ( 93.7)	2161( 93.3)	9024 ( 92.7)
No	3 ( 37.5)	44 ( 16.5)	153 ( 10.9)	361 ( 6.3)	154( 6.7)	715 ( 7.3)
TOTAL	8( 0.1)	267( 2.7)	1401( 14.4)	5748( 59.0)	2315( 23.8)	9739 (100.0)

Table 3.3.3.4.4: Hba1c done (by Age Classes)

	CMH Chi-Square	p.value	df
Value	80.9844	0	4

## 3.3.3.4 HbA1c (last episode in 12 months)

**Type of Diabetes = Type 1**

Hba1c done	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>665(100.0)</b>	<b>0( 0.0)</b>		<b>665 (100.0)</b>

Table 3.3.3.4.5: Missing Data Hba1c done (by Age Classes, Type of Diabetes = Type 1)

Hba1c done	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	5 (100.0)	148 ( 91.4)	306 ( 93.3)	151 ( 95.6)	11( 91.7)	621 ( 93.4)
No	0 ( 0.0)	14 ( 8.6)	22 ( 6.7)	7 ( 4.4)	1( 8.3)	44 ( 6.6)
<b>TOTAL</b>	<b>5( 0.8)</b>	<b>162( 24.4)</b>	<b>328( 49.3)</b>	<b>158( 23.8)</b>	<b>12( 1.8)</b>	<b>665 (100.0)</b>

Table 3.3.3.4.6: Hba1c done (by Age Classes, Type of Diabetes = Type 1)

CMH Chi-Square	
Value	One or more cells have 0 obs

3.3.3.4 HbA1c (last episode in 12 months)

**Type of Diabetes = Type 2**

Hba1c done	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>8707(100.0)</b>	<b>0( 0.0)</b>		<b>8707 (100.0)</b>

Table 3.3.3.4.7: Missing Data Hba1c done (by Age Classes, Type of Diabetes = Type 2)

Hba1c done	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	30 ( 90.9)	881 ( 90.6)	5144 ( 94.5)	2121( 93.9)	8176 ( 93.9)
No	1 (100.0)	3 ( 9.1)	91 ( 9.4)	298 ( 5.5)	138( 6.1)	531 ( 6.1)
<b>TOTAL</b>	<b>1( 0.0)</b>	<b>33( 0.4)</b>	<b>972( 11.2)</b>	<b>5442( 62.5)</b>	<b>2259( 25.9)</b>	<b>8707 (100.0)</b>

Table 3.3.3.4.8: Hba1c done (by Age Classes, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

3.3.3.4 HbA1c (last episode in 12 months)

**Type of Diabetes = Other Type**

Hba1c done	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	367 (100.0)	0( 0.0)		367 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>		<b>367 (100.0)</b>

Table 3.3.3.4.9: Missing Data Hba1c done (by Age Classes, Type of Diabetes = Other Type)

Hba1c done	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	45 ( 62.5)	61 ( 60.4)	92 ( 62.2)	29( 65.9)	227 ( 61.9)
No	2 (100.0)	27 ( 37.5)	40 ( 39.6)	56 ( 37.8)	15( 34.1)	140 ( 38.1)
<b>TOTAL</b>	<b>2( 0.5)</b>	<b>72( 19.6)</b>	<b>101( 27.5)</b>	<b>148( 40.3)</b>	<b>44( 12.0)</b>	<b>367 (100.0)</b>

Table 3.3.3.4.10: Hba1c done (by Age Classes, Type of Diabetes = Other Type)

CMH Chi-Square	
Value	One or more cells have 0 obs

### 3.3.4 Treatment

### 3.3.4.1 Antihypertensive Medication (last episode in 12 months)

### 3.3.4.2 Lipid Lowering Medication (last episode in 12 months)

### 3.3.4.3 ASA Medication (last episode in 12 months)

### 3.3.4.4.1 Glucose Lowering: Diet Only (last episode in 12 months)

Diet only	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.4.4.1.1: Missing Data Diet only (by Type of Diabetes)

Diet only	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
Yes	26 ( 3.9)	2671 ( 30.7)	180( 49.0)	2877 ( 29.5)
No	639 ( 96.1)	6036 ( 69.3)	187( 51.0)	6862 ( 70.5)
TOTAL	665( 6.8)	8707( 89.4)	367( 3.8)	9739 (100.0)

Table 3.3.4.4.1.2: Diet only (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	282.3693	0	2

3.3.4.4.1 Glucose Lowering: Diet Only (last episode in 12 months)

Diet only	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.4.4.1.3: Missing Data Diet only (by Age Classes)

Diet only	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	3 ( 37.5)	42 ( 15.7)	457 ( 32.6)	1857 ( 32.3)	518( 22.4)	2877 ( 29.5)
No	5 ( 62.5)	225 ( 84.3)	944 ( 67.4)	3891 ( 67.7)	1797( 77.6)	6862 ( 70.5)
TOTAL	8( 0.1)	267( 2.7)	1401( 14.4)	5748( 59.0)	2315( 23.8)	9739 (100.0)

Table 3.3.4.4.1.4: Diet only (by Age Classes)

	CMH Chi-Square	p.value	df
Value	109.3171	0	4

3.3.4.4.1 Glucose Lowering: Diet Only (last episode in 12 months)

**Type of Diabetes = Type 1**

Diet only	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 3.3.4.4.1.5: Missing Data Diet only (by Age Classes, Type of Diabetes = Type 1)

Diet only	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	8 ( 4.9)	14 ( 4.3)	3 ( 1.9)	1( 8.3)	26 ( 3.9)
No	5 (100.0)	154 ( 95.1)	314 ( 95.7)	155 ( 98.1)	11( 91.7)	639 ( 96.1)
TOTAL	5( 0.8)	162( 24.4)	328( 49.3)	158( 23.8)	12( 1.8)	665 (100.0)

Table 3.3.4.4.1.6: Diet only (by Age Classes, Type of Diabetes = Type 1)

CMH Chi-Square	
Value	One or more cells have 0 obs

3.3.4.4.1 Glucose Lowering: Diet Only (last episode in 12 months)

**Type of Diabetes = Type 2**

Diet only	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 3.3.4.4.1.7: Missing Data Diet only (by Age Classes, Type of Diabetes = Type 2)

Diet only	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	1 (100.0)	15 ( 45.5)	401 ( 41.3)	1762 ( 32.4)	492( 21.8)	2671 ( 30.7)
No	0 ( 0.0)	18 ( 54.5)	571 ( 58.7)	3680 ( 67.6)	1767( 78.2)	6036 ( 69.3)
TOTAL	1( 0.0)	33( 0.4)	972( 11.2)	5442( 62.5)	2259( 25.9)	8707 (100.0)

Table 3.3.4.4.1.8: Diet only (by Age Classes, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

3.3.4.4.1 Glucose Lowering: Diet Only (last episode in 12 months)

**Type of Diabetes = Other Type**

Diet only	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	367 (100.0)	0( 0.0)		367 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>		<b>367 (100.0)</b>

Table 3.3.4.4.1.9: Missing Data Diet only (by Age Classes, Type of Diabetes = Other Type)

Diet only	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	2 (100.0)	19 ( 26.4)	42 ( 41.6)	92 ( 62.2)	25( 56.8)	180 ( 49.0)
No	0 ( 0.0)	53 ( 73.6)	59 ( 58.4)	56 ( 37.8)	19( 43.2)	187 ( 51.0)
<b>TOTAL</b>	<b>2( 0.5)</b>	<b>72( 19.6)</b>	<b>101( 27.5)</b>	<b>148( 40.3)</b>	<b>44( 12.0)</b>	<b>367 (100.0)</b>

Table 3.3.4.4.1.10: Diet only (by Age Classes, Type of Diabetes = Other Type)

CMH Chi-Square	
Value	One or more cells have 0 obs

### 3.3.4.4.2 Glucose Lowering: Tablets Only (last episode in 12 months)

Tablets Only	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.4.4.2.1: Missing Data Tablets Only (by Type of Diabetes)

Tablets Only	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
Yes	10 ( 1.5)	2727 ( 31.3)	33( 9.0)	2770 ( 28.4)
No	655 ( 98.5)	5980 ( 68.7)	334( 91.0)	6969 ( 71.6)
TOTAL	665( 6.8)	8707( 89.4)	367( 3.8)	9739 (100.0)

Table 3.3.4.4.2.2: Tablets Only (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	340.7462	0	2

3.3.4.4.2 Glucose Lowering: Tablets Only (last episode in 12 months)

Tablets Only	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.4.4.2.3: Missing Data Tablets Only (by Age Classes)

Tablets Only	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	7 ( 2.6)	263 ( 18.8)	1741 ( 30.3)	759( 32.8)	2770 ( 28.4)
No	8 (100.0)	260 ( 97.4)	1138 ( 81.2)	4007 ( 69.7)	1556( 67.2)	6969 ( 71.6)
TOTAL	8( 0.1)	267( 2.7)	1401( 14.4)	5748( 59.0)	2315( 23.8)	9739 (100.0)

Table 3.3.4.4.2.4: Tablets Only (by Age Classes)

CMH Chi-Square	
Value	One or more cells have 0 obs

3.3.4.4.2 Glucose Lowering: Tablets Only (last episode in 12 months)

**Type of Diabetes = Type 1**

Tablets Only	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 3.3.4.4.2.5: Missing Data Tablets Only (by Age Classes, Type of Diabetes = Type 1)

Tablets Only	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	1 ( 0.6)	2 ( 0.6)	6 ( 3.8)	1( 8.3)	10 ( 1.5)
No	5 (100.0)	161 ( 99.4)	326 ( 99.4)	152 ( 96.2)	11( 91.7)	655 ( 98.5)
TOTAL	5( 0.8)	162( 24.4)	328( 49.3)	158( 23.8)	12( 1.8)	665 (100.0)

Table 3.3.4.4.2.6: Tablets Only (by Age Classes, Type of Diabetes = Type 1)

CMH Chi-Square	
Value	One or more cells have 0 obs

3.3.4.4.2 Glucose Lowering: Tablets Only (last episode in 12 months)

**Type of Diabetes = Type 2**

Tablets Only	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>8707(100.0)</b>	<b>0( 0.0)</b>		<b>8707 (100.0)</b>

Table 3.3.4.4.2.7: Missing Data Tablets Only (by Age Classes, Type of Diabetes = Type 2)

Tablets Only	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	4 ( 12.1)	255 ( 26.2)	1720 ( 31.6)	748( 33.1)	2727 ( 31.3)
No	1 (100.0)	29 ( 87.9)	717 ( 73.8)	3722 ( 68.4)	1511( 66.9)	5980 ( 68.7)
<b>TOTAL</b>	<b>1( 0.0)</b>	<b>33( 0.4)</b>	<b>972( 11.2)</b>	<b>5442( 62.5)</b>	<b>2259( 25.9)</b>	<b>8707 (100.0)</b>

Table 3.3.4.4.2.8: Tablets Only (by Age Classes, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

3.3.4.4.2 Glucose Lowering: Tablets Only (last episode in 12 months)  
**Type of Diabetes = Other Type**

Tablets Only	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	367 (100.0)	0( 0.0)		367 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>		<b>367 (100.0)</b>

Table 3.3.4.4.2.9: Missing Data Tablets Only (by Age Classes, Type of Diabetes = Other Type)

Tablets Only	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	2 ( 2.8)	6 ( 5.9)	15 ( 10.1)	10( 22.7)	33 ( 9.0)
No	2 (100.0)	70 ( 97.2)	95 ( 94.1)	133 ( 89.9)	34( 77.3)	334 ( 91.0)
<b>TOTAL</b>	<b>2( 0.5)</b>	<b>72( 19.6)</b>	<b>101( 27.5)</b>	<b>148( 40.3)</b>	<b>44( 12.0)</b>	<b>367 (100.0)</b>

Table 3.3.4.4.2.10: Tablets Only (by Age Classes, Type of Diabetes = Other Type)

CMH Chi-Square	
Value	One or more cells have 0 obs

### 3.3.4.4.3 Glucose Lowering: Insulin Only (last episode in 12 months)

Insulin Only	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.4.4.3.1: Missing Data Insulin Only (by Type of Diabetes)

Insulin Only	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
Yes	600 ( 90.2)	1811 ( 20.8)	139( 37.9)	2550 ( 26.2)
No	65 ( 9.8)	6896 ( 79.2)	228( 62.1)	7189 ( 73.8)
TOTAL	665( 6.8)	8707( 89.4)	367( 3.8)	9739 (100.0)

Table 3.3.4.4.3.2: Insulin Only (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	1567.6947	0	2

3.3.4.4.3 Glucose Lowering: Insulin Only (last episode in 12 months)

Insulin Only	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.4.4.3.3: Missing Data Insulin Only (by Age Classes)

Insulin Only	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	5 ( 62.5)	216 ( 80.9)	533 ( 38.0)	1221 ( 21.2)	575( 24.8)	2550 ( 26.2)
No	3 ( 37.5)	51 ( 19.1)	868 ( 62.0)	4527 ( 78.8)	1740( 75.2)	7189 ( 73.8)
TOTAL	8( 0.1)	267( 2.7)	1401( 14.4)	5748( 59.0)	2315( 23.8)	9739 (100.0)

Table 3.3.4.4.3.4: Insulin Only (by Age Classes)

	CMH Chi-Square	p.value	df
Value	595.7856	0	4

3.3.4.4.3 Glucose Lowering: Insulin Only (last episode in 12 months)  
**Type of Diabetes = Type 1**

Insulin Only	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>665(100.0)</b>	<b>0( 0.0)</b>		<b>665 (100.0)</b>

Table 3.3.4.4.3.5: Missing Data Insulin Only (by Age Classes, Type of Diabetes = Type 1)

Insulin Only	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	5 (100.0)	151 ( 93.2)	296 ( 90.2)	139 ( 88.0)	9( 75.0)	600 ( 90.2)
No	0 ( 0.0)	11 ( 6.8)	32 ( 9.8)	19 ( 12.0)	3( 25.0)	65 ( 9.8)
<b>TOTAL</b>	<b>5( 0.8)</b>	<b>162( 24.4)</b>	<b>328( 49.3)</b>	<b>158( 23.8)</b>	<b>12( 1.8)</b>	<b>665 (100.0)</b>

Table 3.3.4.4.3.6: Insulin Only (by Age Classes, Type of Diabetes = Type 1)

---

 CMH Chi-Square  
 Value    One or more cells have 0 obs

3.3.4.4.3 Glucose Lowering: Insulin Only (last episode in 12 months)  
**Type of Diabetes = Type 2**

Insulin Only	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>8707(100.0)</b>	<b>0( 0.0)</b>		<b>8707 (100.0)</b>

Table 3.3.4.4.3.7: Missing Data Insulin Only (by Age Classes, Type of Diabetes = Type 2)

Insulin Only	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	14 ( 42.4)	186 ( 19.1)	1052 ( 19.3)	559( 24.7)	1811 ( 20.8)
No	1 (100.0)	19 ( 57.6)	786 ( 80.9)	4390 ( 80.7)	1700( 75.3)	6896 ( 79.2)
<b>TOTAL</b>	<b>1( 0.0)</b>	<b>33( 0.4)</b>	<b>972( 11.2)</b>	<b>5442( 62.5)</b>	<b>2259( 25.9)</b>	<b>8707 (100.0)</b>

Table 3.3.4.4.3.8: Insulin Only (by Age Classes, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

3.3.4.4.3 Glucose Lowering: Insulin Only (last episode in 12 months)  
**Type of Diabetes = Other Type**

Insulin Only	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	367 (100.0)	0( 0.0)		367 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>		<b>367 (100.0)</b>

Table 3.3.4.4.3.9: Missing Data Insulin Only (by Age Classes, Type of Diabetes = Other Type)

Insulin Only	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	51 ( 70.8)	51 ( 50.5)	30 ( 20.3)	7( 15.9)	139 ( 37.9)
No	2 (100.0)	21 ( 29.2)	50 ( 49.5)	118 ( 79.7)	37( 84.1)	228 ( 62.1)
<b>TOTAL</b>	<b>2( 0.5)</b>	<b>72( 19.6)</b>	<b>101( 27.5)</b>	<b>148( 40.3)</b>	<b>44( 12.0)</b>	<b>367 (100.0)</b>

Table 3.3.4.4.3.10: Insulin Only (by Age Classes, Type of Diabetes = Other Type)

=====  
 CMH Chi-Square  
 Value    One or more cells have 0 obs  
 =====

### 3.3.4.4.4 Glucose Lowering: Insulin and Tablets (last episode in 12 months)

Instab	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.4.4.4.1: Missing Data Instab (by Type of Diabetes)

Instab	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
Yes	29 ( 4.4)	1498 ( 17.2)	15( 4.1)	1542 ( 15.8)
No	636 ( 95.6)	7209 ( 82.8)	352( 95.9)	8197 ( 84.2)
TOTAL	665( 6.8)	8707( 89.4)	367( 3.8)	9739 (100.0)

Table 3.3.4.4.4.2: Instab (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	115.9598	0	2

3.3.4.4.4 Glucose Lowering: Insulin and Tablets (last episode in 12 months)

Instab	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.4.4.3: Missing Data Instab (by Age Classes)

Instab	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	2 ( 0.7)	148 ( 10.6)	929 ( 16.2)	463( 20.0)	1542 ( 15.8)
No	8 (100.0)	265 ( 99.3)	1253 ( 89.4)	4819 ( 83.8)	1852( 80.0)	8197 ( 84.2)
TOTAL	8( 0.1)	267( 2.7)	1401( 14.4)	5748( 59.0)	2315( 23.8)	9739 (100.0)

Table 3.3.4.4.4: Instab (by Age Classes)

CMH Chi-Square	
Value	One or more cells have 0 obs

3.3.4.4.4 Glucose Lowering: Insulin and Tablets (last episode in 12 months)  
**Type of Diabetes = Type 1**

Instab	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 3.3.4.4.5: Missing Data Instab (by Age Classes, Type of Diabetes = Type 1)

Instab	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	2 ( 1.2)	16 ( 4.9)	10 ( 6.3)	1( 8.3)	29 ( 4.4)
No	5 (100.0)	160 ( 98.8)	312 ( 95.1)	148 ( 93.7)	11( 91.7)	636 ( 95.6)
TOTAL	5( 0.8)	162( 24.4)	328( 49.3)	158( 23.8)	12( 1.8)	665 (100.0)

Table 3.3.4.4.6: Instab (by Age Classes, Type of Diabetes = Type 1)

CMH Chi-Square	
Value	One or more cells have 0 obs

3.3.4.4.4 Glucose Lowering: Insulin and Tablets (last episode in 12 months)  
**Type of Diabetes = Type 2**

Instab	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 3.3.4.4.7: Missing Data Instab (by Age Classes, Type of Diabetes = Type 2)

Instab	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	0 ( 0.0)	130 ( 13.4)	908 ( 16.7)	460( 20.4)	1498 ( 17.2)
No	1 (100.0)	33 (100.0)	842 ( 86.6)	4534 ( 83.3)	1799( 79.6)	7209 ( 82.8)
TOTAL	1( 0.0)	33( 0.4)	972( 11.2)	5442( 62.5)	2259( 25.9)	8707 (100.0)

Table 3.3.4.4.8: Instab (by Age Classes, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

3.3.4.4.4 Glucose Lowering: Insulin and Tablets (last episode in 12 months)  
**Type of Diabetes = Other Type**

Instab	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	367 (100.0)	0( 0.0)		367 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>		<b>367 (100.0)</b>

Table 3.3.4.4.4.9: Missing Data Instab (by Age Classes, Type of Diabetes = Other Type)

Instab	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	0 ( 0.0)	2 ( 2.0)	11 ( 7.4)	2( 4.5)	15 ( 4.1)
No	2 (100.0)	72 (100.0)	99 ( 98.0)	137 ( 92.6)	42( 95.5)	352 ( 95.9)
<b>TOTAL</b>	<b>2( 0.5)</b>	<b>72( 19.6)</b>	<b>101( 27.5)</b>	<b>148( 40.3)</b>	<b>44( 12.0)</b>	<b>367 (100.0)</b>

Table 3.3.4.4.4.10: Instab (by Age Classes, Type of Diabetes = Other Type)

CMH Chi-Square	
Value	One or more cells have 0 obs

### 3.3.5 Management

### 3.3.5.2 Visit Frequency

Visit Frequency	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.5.2.1: Missing Data Visit Frequency (by Type of Diabetes)

Visit Frequency	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )	Other Type ( % )	
Only one	221 ( 33.2)	3373 ( 38.7)	177( 48.2)	3771 ( 38.7)
More than one	444 ( 66.8)	5334 ( 61.3)	190( 51.8)	5968 ( 61.3)
TOTAL	665( 6.8)	8707( 89.4)	367( 3.8)	9739 (100.0)

Table 3.3.5.2.2: Visit Frequency (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	22.4242	0	2

3.3.5.2 Visit Frequency

Visit Frequency	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9739 (100.0)	0( 0.0)		9739 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9739(100.0)	0( 0.0)		9739 (100.0)

Table 3.3.5.2.3: Missing Data Visit Frequency (by Age Classes)

Visit Frequency	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Only one	3 ( 37.5)	99 ( 37.1)	568 ( 40.5)	2105 ( 36.6)	996( 43.0)	3771 ( 38.7)
More than one	5 ( 62.5)	168 ( 62.9)	833 ( 59.5)	3643 ( 63.4)	1319( 57.0)	5968 ( 61.3)
TOTAL	8( 0.1)	267( 2.7)	1401( 14.4)	5748( 59.0)	2315( 23.8)	9739 (100.0)

Table 3.3.5.2.4: Visit Frequency (by Age Classes)

	CMH Chi-Square	p.value	df
Value	31.0092	0	4

3.3.5.2 Visit Frequency  
**Type of Diabetes = Type 1**

Visit Frequency	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>665(100.0)</b>	<b>0( 0.0)</b>		<b>665 (100.0)</b>

Table 3.3.5.2.5: Missing Data Visit Frequency (by Age Classes, Type of Diabetes = Type 1)

Visit Frequency	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Only one	1 ( 20.0)	64 ( 39.5)	114 ( 34.8)	37 ( 23.4)	5( 41.7)	221 ( 33.2)
More than one	4 ( 80.0)	98 ( 60.5)	214 ( 65.2)	121 ( 76.6)	7( 58.3)	444 ( 66.8)
<b>TOTAL</b>	<b>5( 0.8)</b>	<b>162( 24.4)</b>	<b>328( 49.3)</b>	<b>158( 23.8)</b>	<b>12( 1.8)</b>	<b>665 (100.0)</b>

Table 3.3.5.2.6: Visit Frequency (by Age Classes, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	10.8554	0.0282	4

3.3.5.2 Visit Frequency  
**Type of Diabetes = Type 2**

Visit Frequency	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>8707(100.0)</b>	<b>0( 0.0)</b>		<b>8707 (100.0)</b>

Table 3.3.5.2.7: Missing Data Visit Frequency (by Age Classes, Type of Diabetes = Type 2)

Visit Frequency	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Only one	1 (100.0)	16 ( 48.5)	412 ( 42.4)	1980 ( 36.4)	964( 42.7)	3373 ( 38.7)
More than one	0 ( 0.0)	17 ( 51.5)	560 ( 57.6)	3462 ( 63.6)	1295( 57.3)	5334 ( 61.3)
<b>TOTAL</b>	<b>1( 0.0)</b>	<b>33( 0.4)</b>	<b>972( 11.2)</b>	<b>5442( 62.5)</b>	<b>2259( 25.9)</b>	<b>8707 (100.0)</b>

Table 3.3.5.2.8: Visit Frequency (by Age Classes, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

3.3.5.2 Visit Frequency  
**Type of Diabetes = Other Type**

Visit Frequency	Age Classes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	367 (100.0)	0( 0.0)		367 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>367(100.0)</b>	<b>0( 0.0)</b>		<b>367 (100.0)</b>

Table 3.3.5.2.9: Missing Data Visit Frequency (by Age Classes, Type of Diabetes = Other Type)

Visit Frequency	Age Classes					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Only one	1 ( 50.0)	19 ( 26.4)	42 ( 41.6)	88 ( 59.5)	27( 61.4)	177 ( 48.2)
More than one	1 ( 50.0)	53 ( 73.6)	59 ( 58.4)	60 ( 40.5)	17( 38.6)	190 ( 51.8)
<b>TOTAL</b>	<b>2( 0.5)</b>	<b>72( 19.6)</b>	<b>101( 27.5)</b>	<b>148( 40.3)</b>	<b>44( 12.0)</b>	<b>367 (100.0)</b>

Table 3.3.5.2.10: Visit Frequency (by Age Classes, Type of Diabetes = Other Type)

	CMH Chi-Square	p.value	df
Value	26.0592	0	4

## Chapter 4

# Population

## 4.1 Vital Statistics

#### 4.1.1. Total population

Age	Males (N)	Females (N)	Total (N)
[0 - 15)	37980	35532	73512
[15 - 25)	38460	36072	74532
[25 - 35)	48360	46800	95160
[35 - 45)	66024	65508	131532
[45 - 55)	64482	64638	129120
[55 - 65)	56310	58206	114516
[65 - 75)	49590	54048	103638
[75 - 85)	39708	50628	90336
[85+)	21288	39330	60618
Overall	422202	450762	872964

#### 4.1.2. Life expectancy

Age	Males (years)	Females (years)
[0 - 15)	77	77
[15 - 25)	66	66
[25 - 35)	55	55
[35 - 45)	44	44
[45 - 55)	33	34
[55 - 65)	22	23
[65 - 75)	12	12
[75 - 85)	2	2

### 4.1.3. Mortality data

Age	Males (N)	Females (N)	Total (N)
[0 - 15)	78	78	156
[15 - 25)	48	48	96
[25 - 35)	150	78	228
[35 - 45)	300	150	450
[45 - 55)	552	228	780
[55 - 65)	1278	750	2028
[65 - 75)	2550	1626	4176
[75 - 85)	6750	4302	11052
[85+)	11850	16374	28224
Overall	23556	23634	47190

## Chapter 5

# Risk Adjusted Indicators

## 5.1. Epidemiology

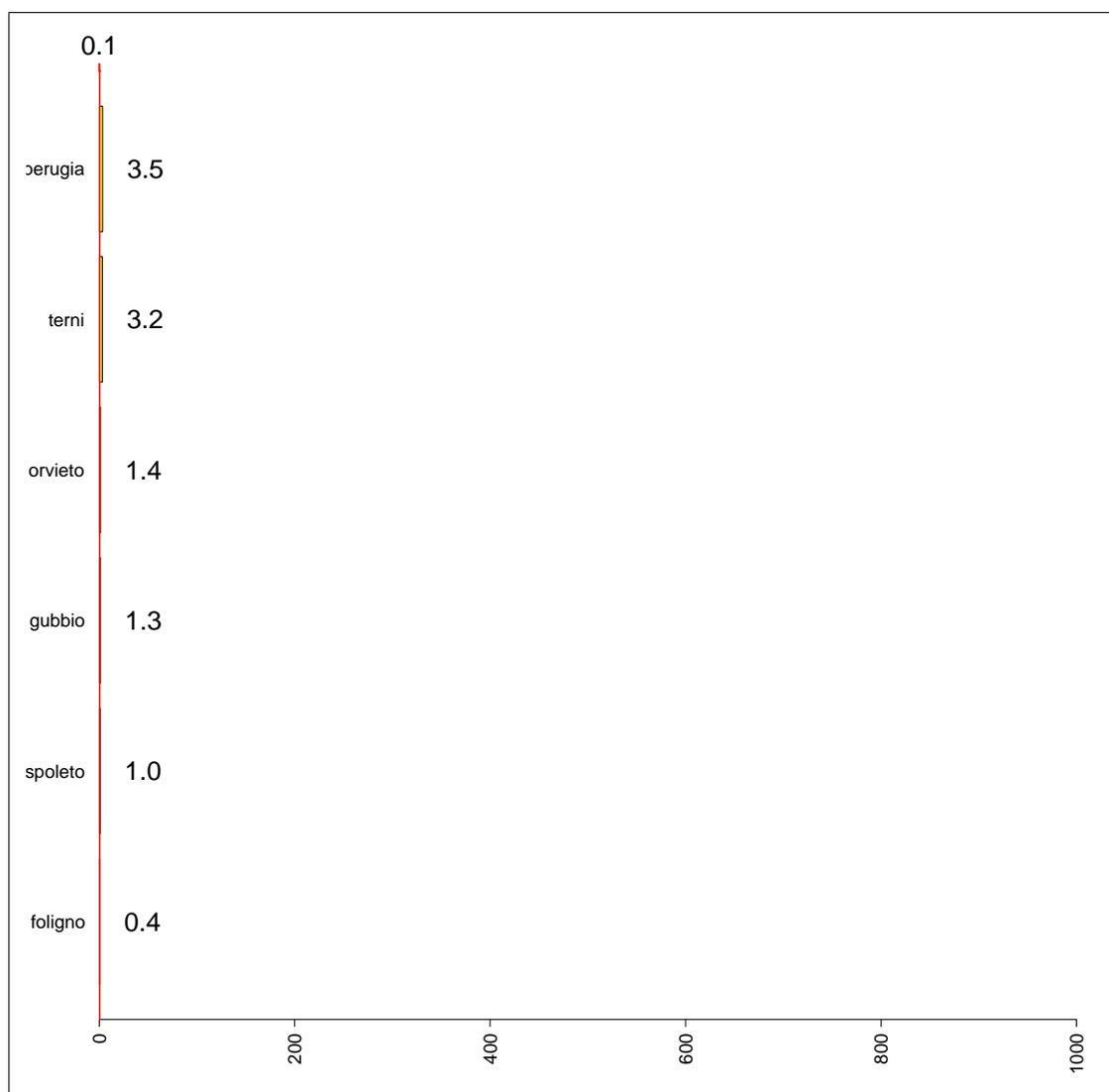
### 5.1.1 Prevalence of diabetes mellitus per 1,000

	s	O	E	N	CR	AR	95% C.I.	[O-E]/E %	95% C.I. [O-E]/E
1	perugia	3033	1562	872964	3.5	3.5	( 3.4; 3.5)	94.2	( 91.7; 96.7)
2	terni	2782	1562	872964	3.2	3.2	( 3.1; 3.2)	78.1	( 75.7; 80.6)
3	orvieto	1256	1562	872964	1.4	1.4	( 1.4; 1.5)	-19.6	(-22.1;-17.1)
4	gubbio	1098	1562	872964	1.3	1.3	( 1.2; 1.3)	-29.7	(-32.2;-27.2)
5	spoleto	890	1562	872964	1.0	1.0	( 1.0; 1.1)	-43.0	(-45.5;-40.5)
6	foligno	313	1562	872964	0.4	0.4	( 0.3; 0.4)	-80.0	(-82.5;-77.5)
	T	9372		872964	10.7				

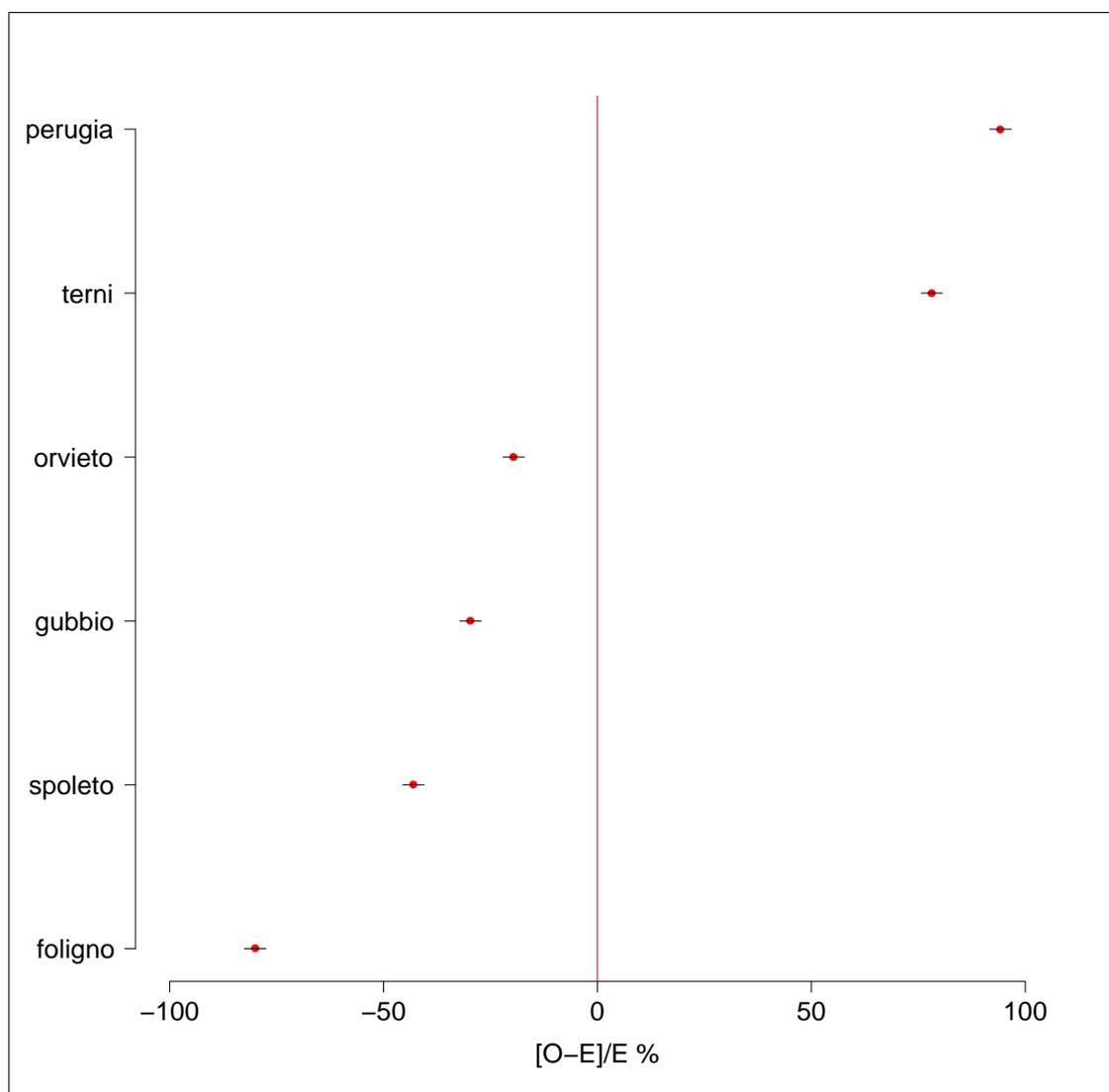
Standardized Estimates 5.1.1.1 - 5.1.1 Prevalence of diabetes mellitus per 1,000

5.1.1 Prevalence of diabetes mellitus per 1,000

---



Barplots: 5.1.1.4 - Adjusted Rates 5.1.1 Prevalence of diabetes mellitus per 1,000



Forest plots: 5.1.1.1 - 5.1.1 Prevalence of diabetes mellitus per 1,000

### 5.1.2. Age at diagnosis by 10 year age bands

Age	Type of Diabetes		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	9372 (100.0)	0( 0.0)	9372 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	9372(100.0)	0( 0.0)	9372 (100.0)

Table 5.1.2.1: Missing Data Age (by Type of Diabetes)

Age	Type of Diabetes		N ( % )
	Type 1 ( % )	Type 2 ( % )	
[0 - 10)	78 ( 11.7)	2( 0.0)	80 ( 0.9)
[10 - 20)	171 ( 25.7)	7( 0.1)	178 ( 1.9)
[20 - 30)	192 ( 28.9)	112( 1.3)	304 ( 3.2)
[30 - 40)	148 ( 22.3)	609( 7.0)	757 ( 8.1)
[40 - 50)	53 ( 8.0)	1830( 21.0)	1883 ( 20.1)
[50 - 60)	15 ( 2.3)	2839( 32.6)	2854 ( 30.5)
[60 - 70)	8 ( 1.2)	2243( 25.8)	2251 ( 24.0)
[70 - 80)	0 ( 0.0)	912( 10.5)	912 ( 9.7)
[80+)	0 ( 0.0)	153( 1.8)	153 ( 1.6)
TOTAL	665( 7.1)	8707( 92.9)	9372 (100.0)

Table 5.1.2.2: Age (by Type of Diabetes)

---



---

CMH Chi-Square
Value One or more cells have 0 obs

---



---

5.1.2. Age at diagnosis by 10 year age bands

Age	Gender		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	9372 (100.0)	0( 0.0)	9372 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	9372(100.0)	0( 0.0)	9372 (100.0)

Table 5.1.2.3: Missing Data Age (by Gender)

Age	Gender		N ( % )
	Male ( % )	Female ( % )	
[0 - 10)	34 ( 0.7)	46( 1.1)	80 ( 0.9)
[10 - 20)	88 ( 1.7)	90( 2.1)	178 ( 1.9)
[20 - 30)	158 ( 3.1)	146( 3.4)	304 ( 3.2)
[30 - 40)	428 ( 8.5)	329( 7.6)	757 ( 8.1)
[40 - 50)	1065 ( 21.1)	818( 19.0)	1883 ( 20.1)
[50 - 60)	1562 ( 30.9)	1292( 29.9)	2854 ( 30.5)
[60 - 70)	1229 ( 24.3)	1022( 23.7)	2251 ( 24.0)
[70 - 80)	427 ( 8.4)	485( 11.2)	912 ( 9.7)
[80+)	66 ( 1.3)	87( 2.0)	153 ( 1.6)
TOTAL	5057( 54.0)	4315( 46.0)	9372 (100.0)

Table 5.1.2.4: Age (by Gender)

	CMH Chi-Square	p.value	df
Value	40.2998	0	8

5.1.2. Age at diagnosis by 10 year age bands  
**Type of Diabetes = Type 1**

Age	Gender		
	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	665 (100.0)	0( 0.0)	665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	665(100.0)	0( 0.0)	665 (100.0)

Table 5.1.2.5: Missing Data Age (by Gender, Type of Diabetes = Type 1)

Age	Gender		N ( % )
	Male ( % )	Female ( % )	
[0 - 10)	33 ( 9.3)	45( 14.6)	78 ( 11.7)
[10 - 20)	85 ( 23.9)	86( 27.8)	171 ( 25.7)
[20 - 30)	110 ( 30.9)	82( 26.5)	192 ( 28.9)
[30 - 40)	82 ( 23.0)	66( 21.4)	148 ( 22.3)
[40 - 50)	30 ( 8.4)	23( 7.4)	53 ( 8.0)
[50 - 60)	11 ( 3.1)	4( 1.3)	15 ( 2.3)
[60 - 70)	5 ( 1.4)	3( 1.0)	8 ( 1.2)
[70 - 80)	0 ( 0.0)	0( 0.0)	0 ( 0.0)
[80+)	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	356( 53.5)	309( 46.5)	665 (100.0)

Table 5.1.2.6: Age (by Gender, Type of Diabetes = Type 1)

CMH Chi-Square	
Value	One or more cells have 0 obs

5.1.2. Age at diagnosis by 10 year age bands  
**Type of Diabetes = Type 2**

Age	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 5.1.2.7: Missing Data Age (by Gender, Type of Diabetes = Type 2)

Age	Gender			N ( % )
	Male ( % )	Female ( % )		
[0 - 10)	1 ( 0.0)	1( 0.0)		2 ( 0.0)
[10 - 20)	3 ( 0.1)	4( 0.1)		7 ( 0.1)
[20 - 30)	48 ( 1.0)	64( 1.6)		112 ( 1.3)
[30 - 40)	346 ( 7.4)	263( 6.6)		609 ( 7.0)
[40 - 50)	1035 ( 22.0)	795( 19.8)		1830 ( 21.0)
[50 - 60)	1551 ( 33.0)	1288( 32.2)		2839 ( 32.6)
[60 - 70)	1224 ( 26.0)	1019( 25.4)		2243 ( 25.8)
[70 - 80)	427 ( 9.1)	485( 12.1)		912 ( 10.5)
[80+)	66 ( 1.4)	87( 2.2)		153 ( 1.8)
TOTAL	4701( 54.0)	4006( 46.0)		8707 (100.0)

Table 5.1.2.8: Age (by Gender, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	39.6641	0	8

## 5.2. Process Quality

**5.2.1 % of subjects with 1+ HbA1c tests in last 12 months**

HbA1c done	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9372 (100.0)	0( 0.0)		9372 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>9372(100.0)</b>	<b>0( 0.0)</b>		<b>9372 (100.0)</b>

Table 5.2.1.1: Missing Data HbA1c done (by Type of Diabetes)

HbA1c done	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )		
at least one test	621 ( 93.4)	8176( 93.9)		8797 ( 93.9)
no test	44 ( 6.6)	531( 6.1)		575 ( 6.1)
<b>TOTAL</b>	<b>665( 7.1)</b>	<b>8707( 92.9)</b>		<b>9372 (100.0)</b>

Table 5.2.1.2: HbA1c done (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	0.2049	0.6508	1

HbA1c done	Gender		
	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	9372 (100.0)	0( 0.0)	9372 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	9372(100.0)	0( 0.0)	9372 (100.0)

Table 5.2.1.3: Missing Data HbA1c done (by Gender)

HbA1c done	Gender		N ( % )
	Male ( % )	Female ( % )	
at least one test	4769 ( 94.3)	4028( 93.3)	8797 ( 93.9)
no test	288 ( 5.7)	287( 6.7)	575 ( 6.1)
TOTAL	5057( 54.0)	4315( 46.0)	9372 (100.0)

Table 5.2.1.4: HbA1c done (by Gender)

	CMH Chi-Square	p.value	df
Value	3.532	0.0602	1

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months

HbA1c done	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9372 (100.0)	0( 0.0)		9372 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9372(100.0)	0( 0.0)		9372 (100.0)

Table 5.2.1.5: Missing Data HbA1c done (by Age)

HbA1c done	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
at least one test	5 ( 83.3)	178 ( 91.3)	1187 ( 91.3)	5295 ( 94.6)	2132( 93.9)	8797 ( 93.9)
no test	1 ( 16.7)	17 ( 8.7)	113 ( 8.7)	305 ( 5.4)	139( 6.1)	575 ( 6.1)
TOTAL	6( 0.1)	195( 2.1)	1300( 13.9)	5600( 59.8)	2271( 24.2)	9372 (100.0)

Table 5.2.1.6: HbA1c done (by Age)

	CMH Chi-Square	p.value	df
Value	22.7889	1e - 04	4

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months  
**Type of Diabetes = Type 1**

HbA1c done	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>665(100.0)</b>	<b>0( 0.0)</b>		<b>665 (100.0)</b>

Table 5.2.1.7: Missing Data HbA1c done (by Gender, Type of Diabetes = Type 1)

HbA1c done	Gender			N ( % )
	Male ( % )	Female ( % )		
at least one test	338 ( 94.9)	283( 91.6)		621 ( 93.4)
no test	18 ( 5.1)	26( 8.4)		44 ( 6.6)
<b>TOTAL</b>	<b>356( 53.5)</b>	<b>309( 46.5)</b>		<b>665 (100.0)</b>

Table 5.2.1.8: HbA1c done (by Gender, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	2.5	0.1138	1

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months

**Type of Diabetes = Type 1**

HbA1c done	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>665(100.0)</b>	<b>0( 0.0)</b>		<b>665 (100.0)</b>

Table 5.2.1.9: Missing Data HbA1c done (by Age, Type of Diabetes = Type 1)

HbA1c done	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
at least one test	5 (100.0)	148 ( 91.4)	306 ( 93.3)	151 ( 95.6)	11( 91.7)	621 ( 93.4)
no test	0 ( 0.0)	14 ( 8.6)	22 ( 6.7)	7 ( 4.4)	1( 8.3)	44 ( 6.6)
<b>TOTAL</b>	<b>5( 0.8)</b>	<b>162( 24.4)</b>	<b>328( 49.3)</b>	<b>158( 23.8)</b>	<b>12( 1.8)</b>	<b>665 (100.0)</b>

Table 5.2.1.10: HbA1c done (by Age, Type of Diabetes = Type 1)

CMH Chi-Square	
Value	One or more cells have 0 obs

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months  
**Type of Diabetes = Type 2**

HbA1c done	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 5.2.1.11: Missing Data HbA1c done (by Gender, Type of Diabetes = Type 2)

HbA1c done	Gender			N ( % )
	Male ( % )	Female ( % )		
at least one test	4431 ( 94.3)	3745( 93.5)		8176 ( 93.9)
no test	270 ( 5.7)	261( 6.5)		531 ( 6.1)
TOTAL	4701( 54.0)	4006( 46.0)		8707 (100.0)

Table 5.2.1.12: HbA1c done (by Gender, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	2.1169	0.1457	1

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months

**Type of Diabetes = Type 2**

HbA1c done	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>8707(100.0)</b>	<b>0( 0.0)</b>		<b>8707 (100.0)</b>

Table 5.2.1.13: Missing Data HbA1c done (by Age, Type of Diabetes = Type 2)

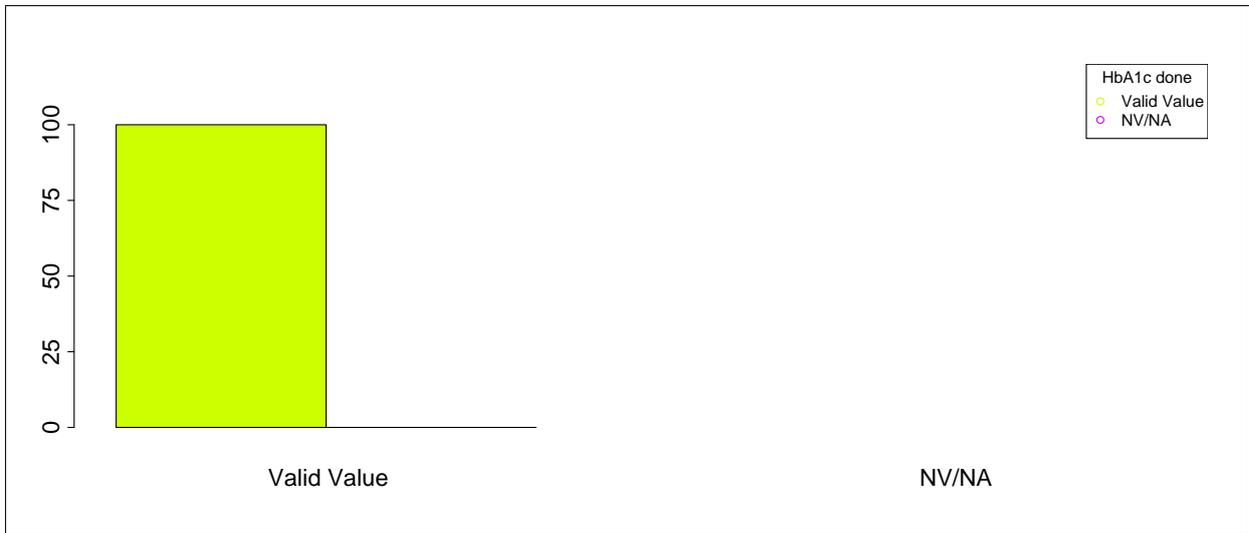
HbA1c done	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
at least one test	0 ( 0.0)	30 ( 90.9)	881 ( 90.6)	5144 ( 94.5)	2121( 93.9)	8176 ( 93.9)
no test	1 (100.0)	3 ( 9.1)	91 ( 9.4)	298 ( 5.5)	138( 6.1)	531 ( 6.1)
<b>TOTAL</b>	<b>1( 0.0)</b>	<b>33( 0.4)</b>	<b>972( 11.2)</b>	<b>5442( 62.5)</b>	<b>2259( 25.9)</b>	<b>8707 (100.0)</b>

Table 5.2.1.14: HbA1c done (by Age, Type of Diabetes = Type 2)

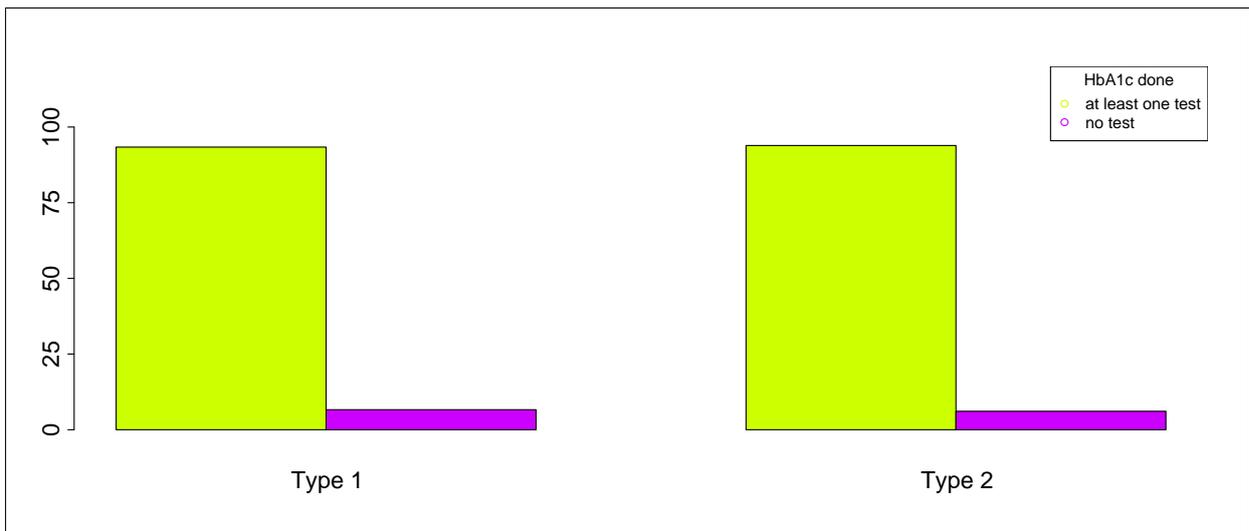
CMH Chi-Square	
Value	One or more cells have 0 obs

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months

---

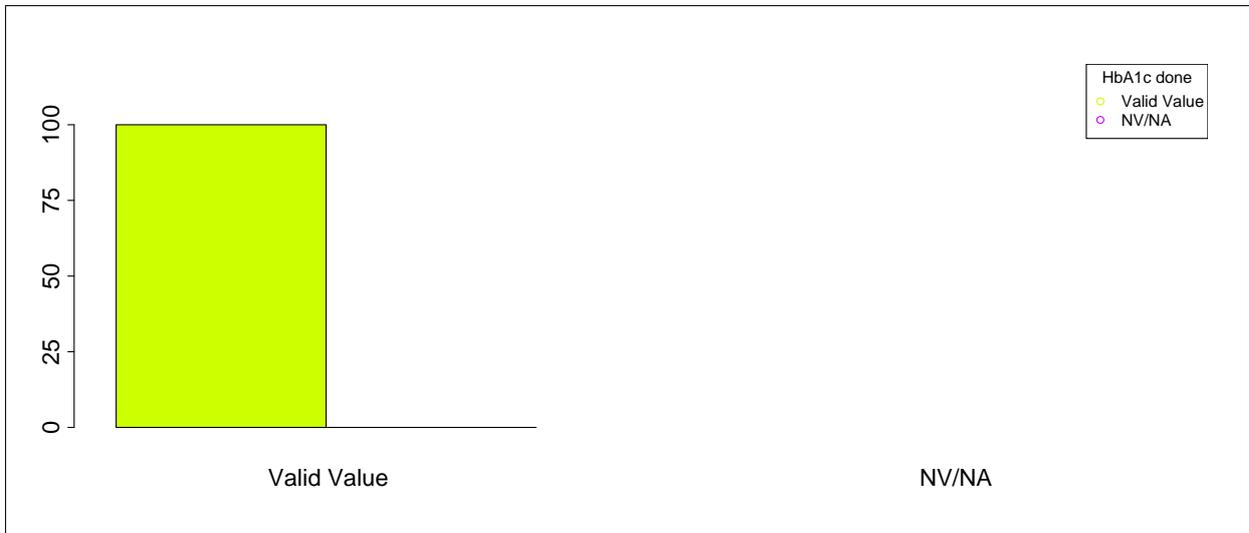


Barplot: 5.2.1.1 - Missing Data HbA1c done (by Type of Diabetes)

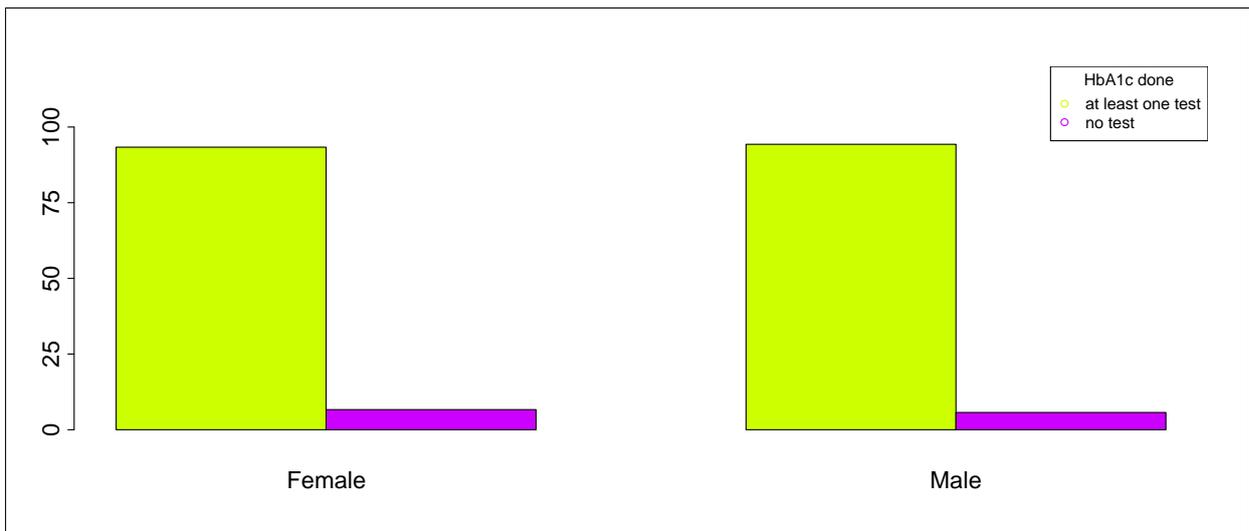


Barplot: 5.2.1.2 - HbA1c done (by Type of Diabetes)

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months

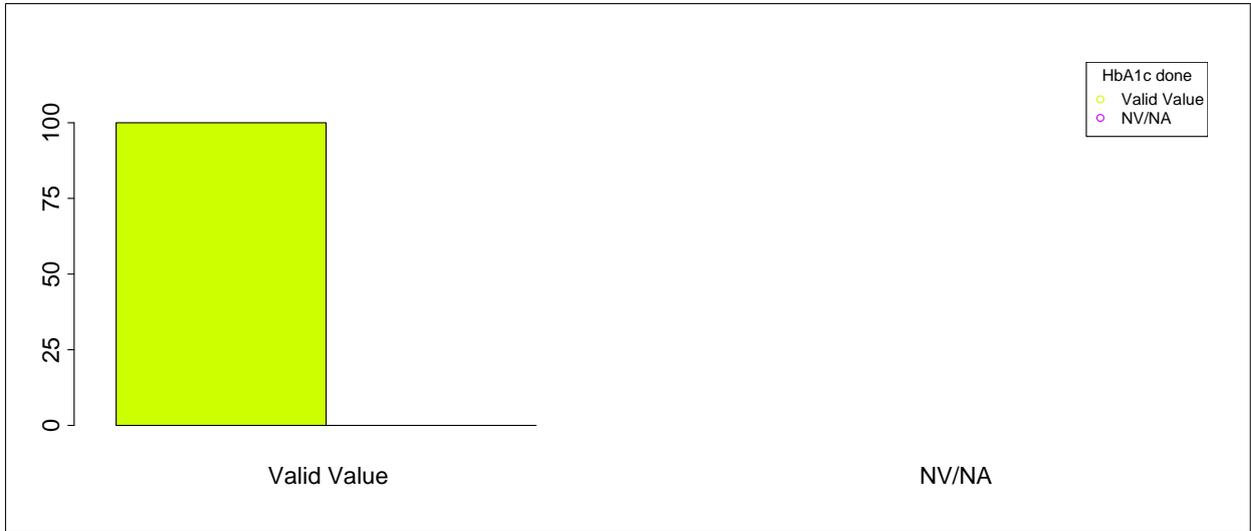


Barplot: 5.2.1.3 - Missing Data HbA1c done (by Gender)

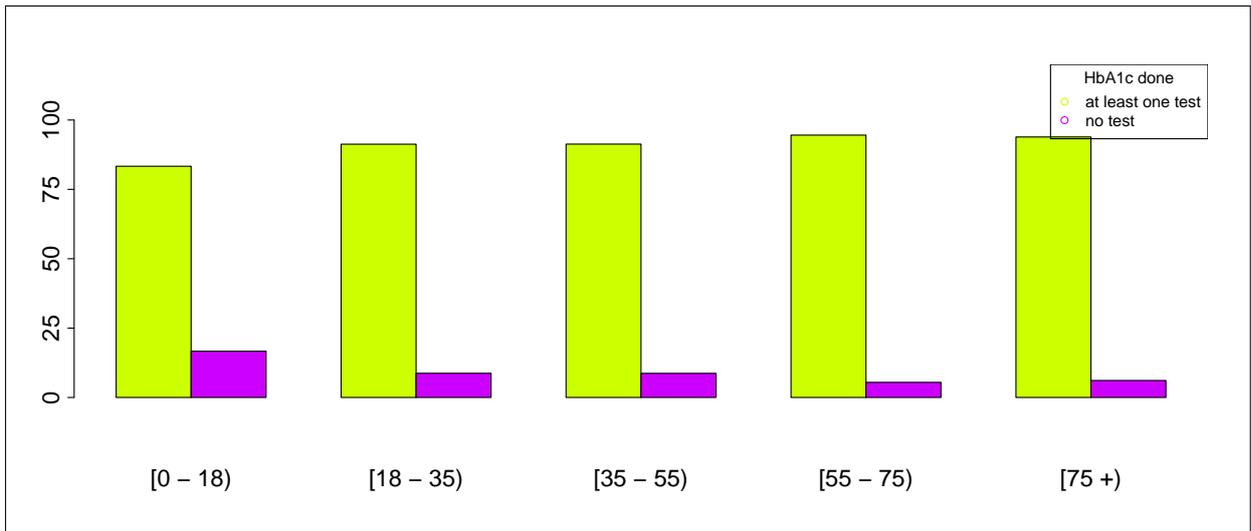


Barplot: 5.2.1.4 - HbA1c done (by Gender)

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months



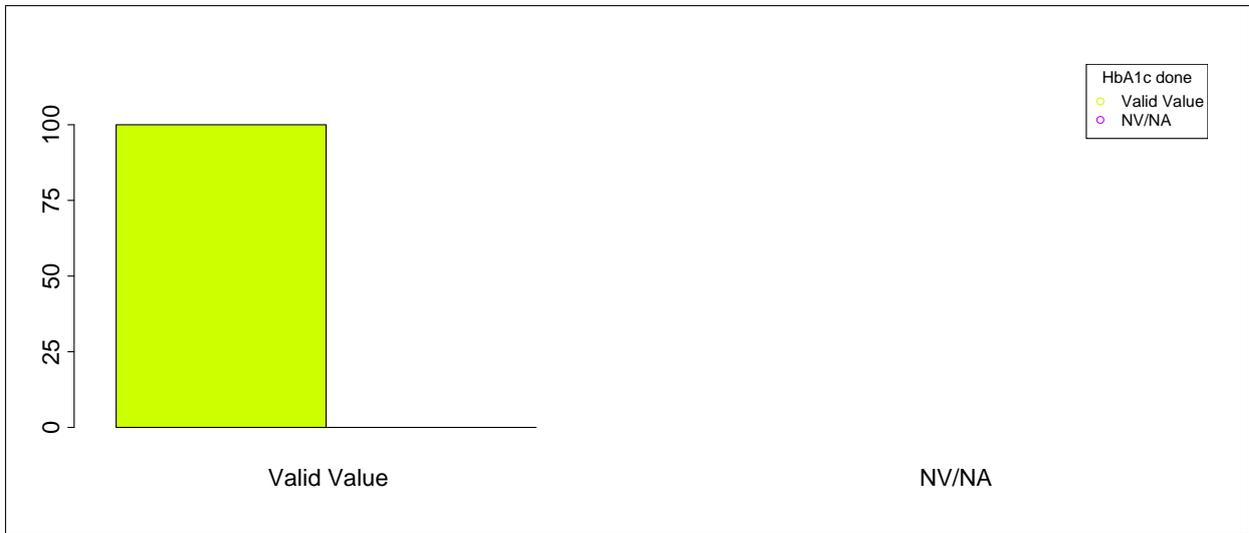
Barplot: 5.2.1.5 - Missing Data HbA1c done (by Age)



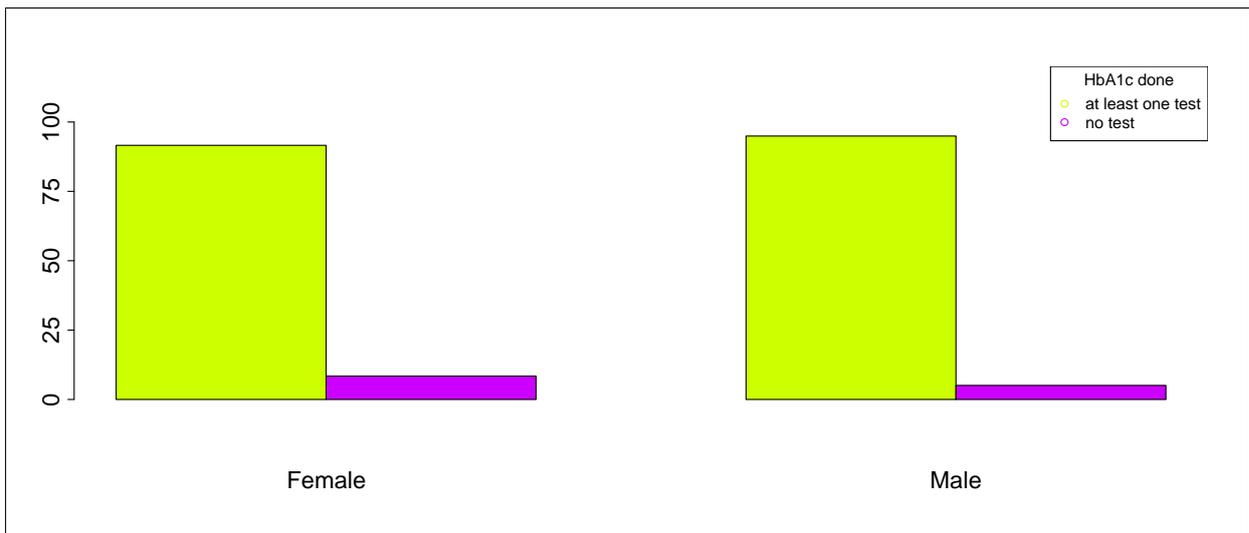
Barplot: 5.2.1.6 - HbA1c done (by Age)

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months  
**Type of Diabetes = Type 1**

---



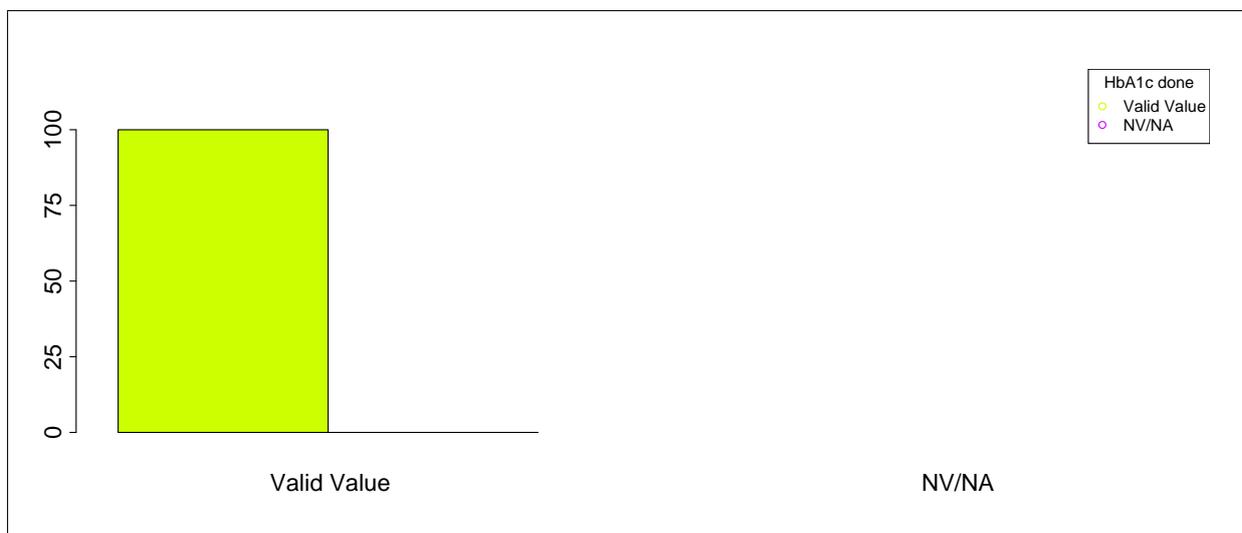
Barplot: 5.2.1.7 - Missing Data HbA1c done (by Gender, Type of Diabetes = Type 1)



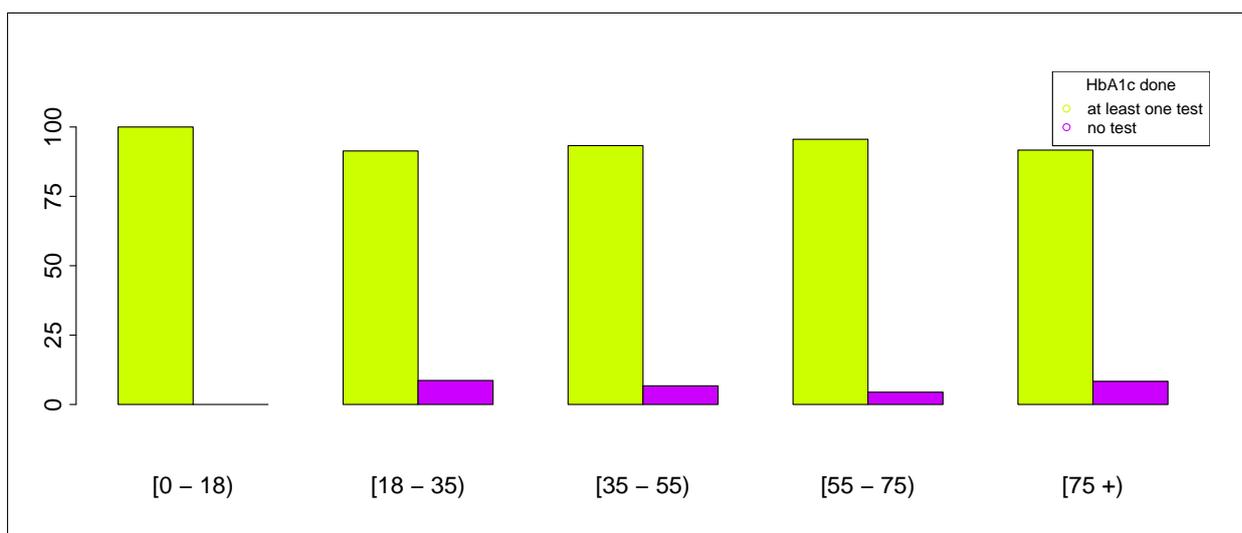
Barplot: 5.2.1.8 - HbA1c done (by Gender, Type of Diabetes = Type 1)

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months  
**Type of Diabetes = Type 1**

---



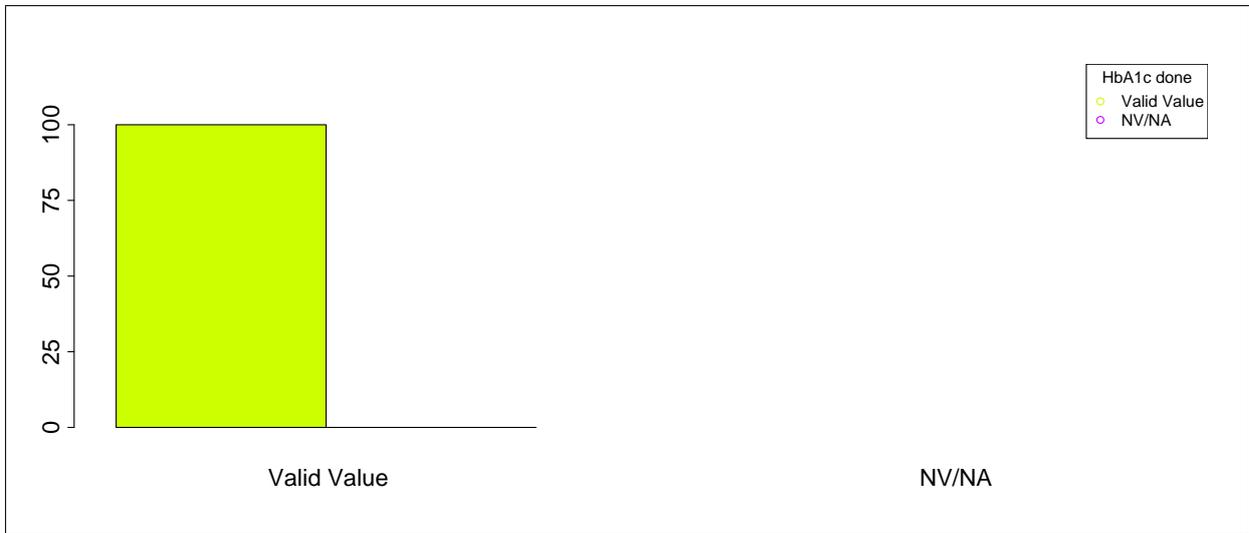
Barplot: 5.2.1.9 - Missing Data HbA1c done (by Age, Type of Diabetes = Type 1)



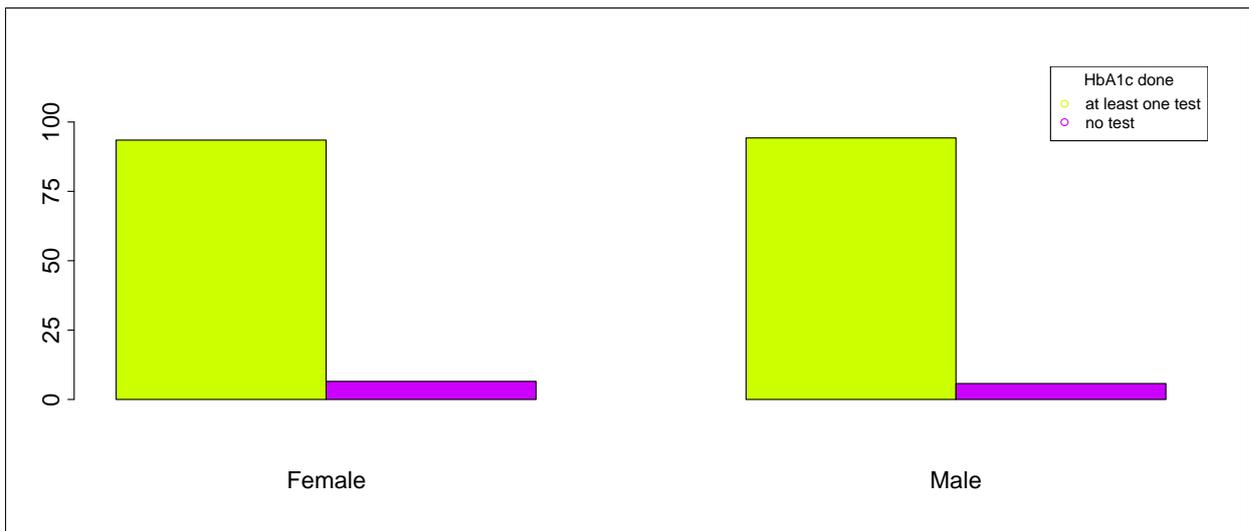
Barplot: 5.2.1.10 - HbA1c done (by Age, Type of Diabetes = Type 1)

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months  
**Type of Diabetes = Type 2**

---



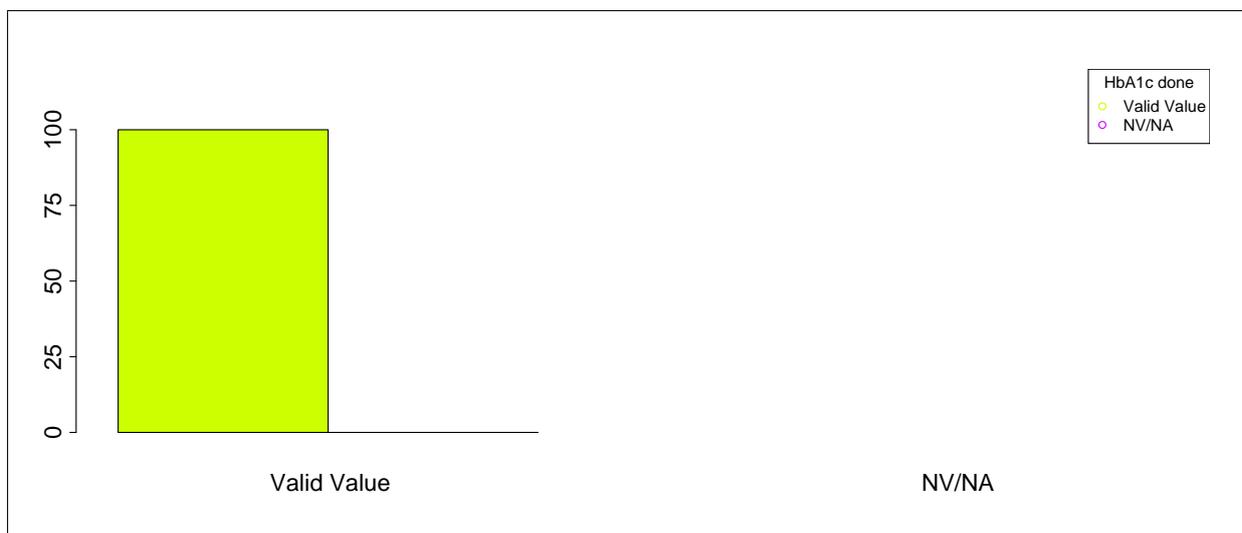
Barplot: 5.2.1.11 - Missing Data HbA1c done (by Gender, Type of Diabetes = Type 2)



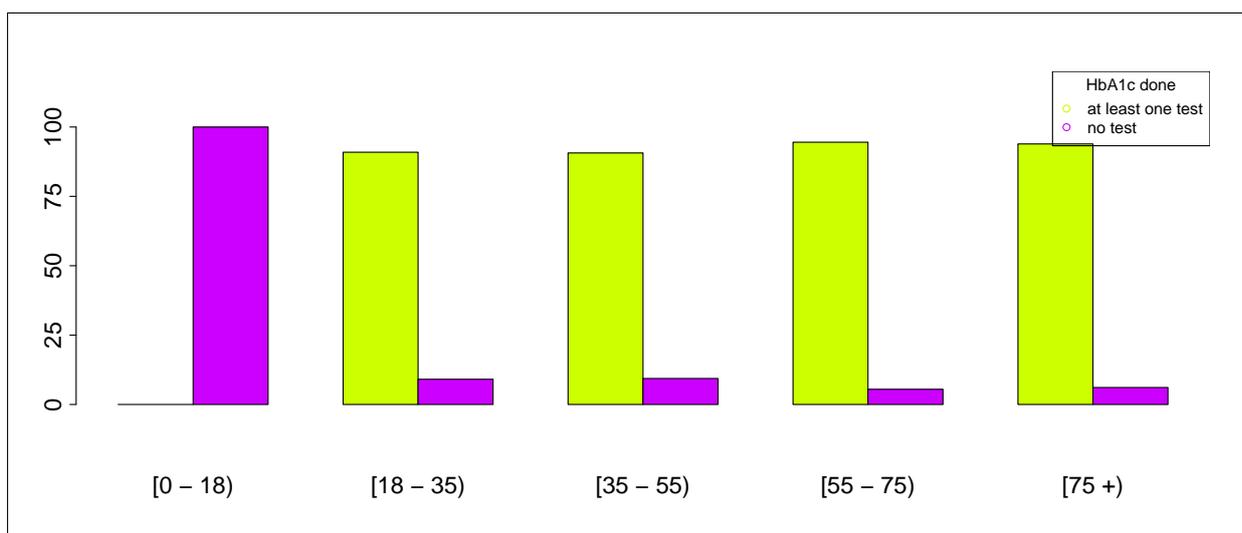
Barplot: 5.2.1.12 - HbA1c done (by Gender, Type of Diabetes = Type 2)

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months  
**Type of Diabetes = Type 2**

---



Barplot: 5.2.1.13 - Missing Data HbA1c done (by Age, Type of Diabetes = Type 2)



Barplot: 5.2.1.14 - HbA1c done (by Age, Type of Diabetes = Type 2)

## 5.2.1 5.2.1 % of subjects with 1+ HbA1c tests in last 12 months

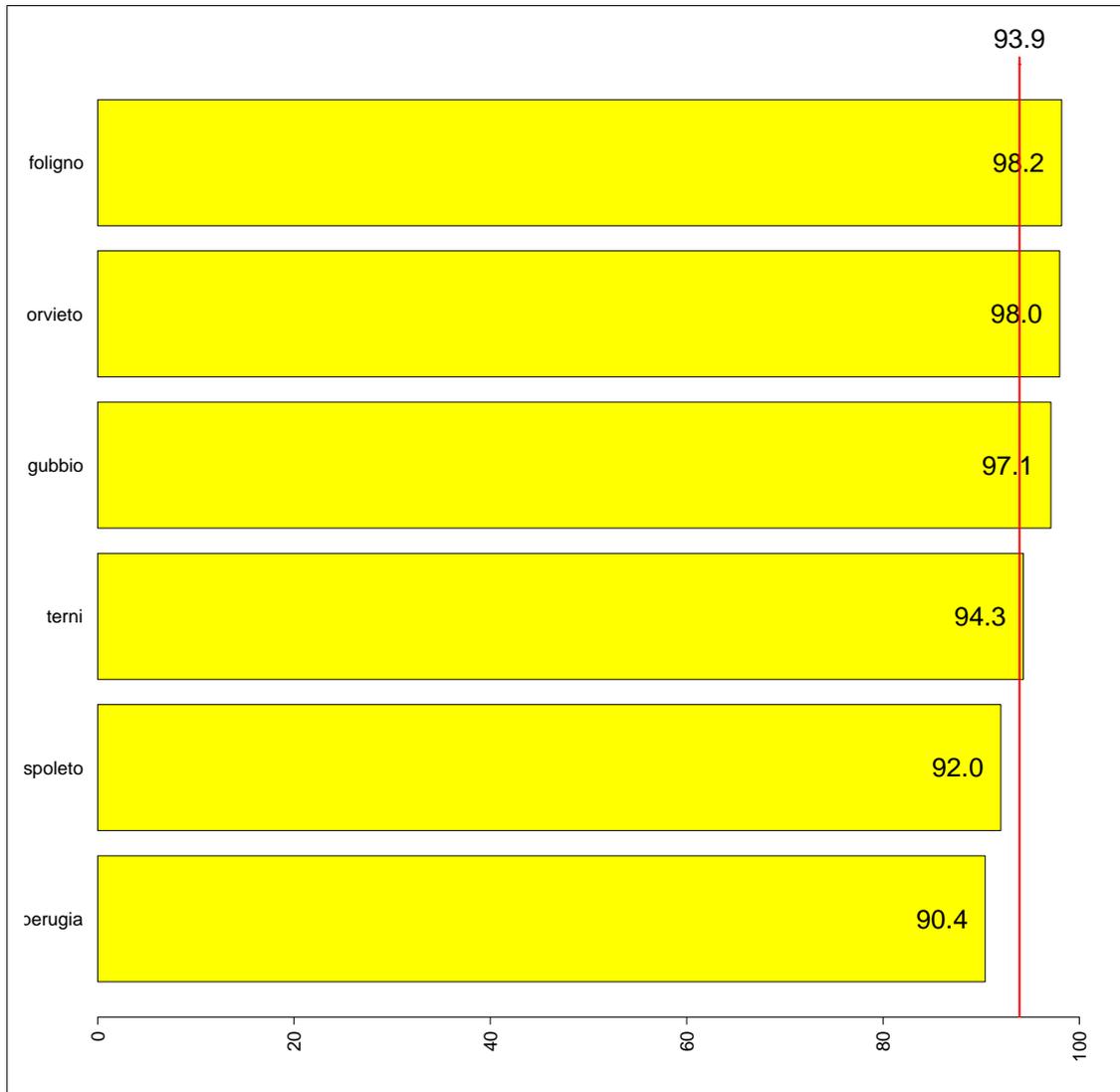
**Type of Diabetes = Type 2**

	s	O	E	N	CR	AR	95% C.I.	[O-E]/E %	95% C.I. [O-E]/E
1	foligno	296	283	300	98.7	98.2	( 95.6;100.0)	4.6	( 1.8 ; 7.4 )
2	orvieto	1182	1132	1205	98.1	98.0	( 96.7; 99.4)	4.4	( 3.0 ; 5.8 )
3	gubbio	1020	986	1049	97.2	97.1	( 95.7; 98.6)	3.4	( 1.9 ; 5.0 )
4	terni	2530	2520	2684	94.3	94.3	( 93.4; 95.2)	0.4	(-0.6 ; 1.4 )
5	spoleto	791	807	860	92.0	92.0	( 90.4; 93.6)	-2.0	(-3.7 ;-0.3 )
6	perugia	2357	2449	2609	90.3	90.4	( 89.5; 91.3)	-3.8	(-4.7 ;-2.8 )
	T	8176		8707	93.9				

Standardized Estimates 5.2.1.15 - 5.2.1 % of subjects with 1+ HbA1c tests in last 12 months

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months  
**Type of Diabetes = Type 2**

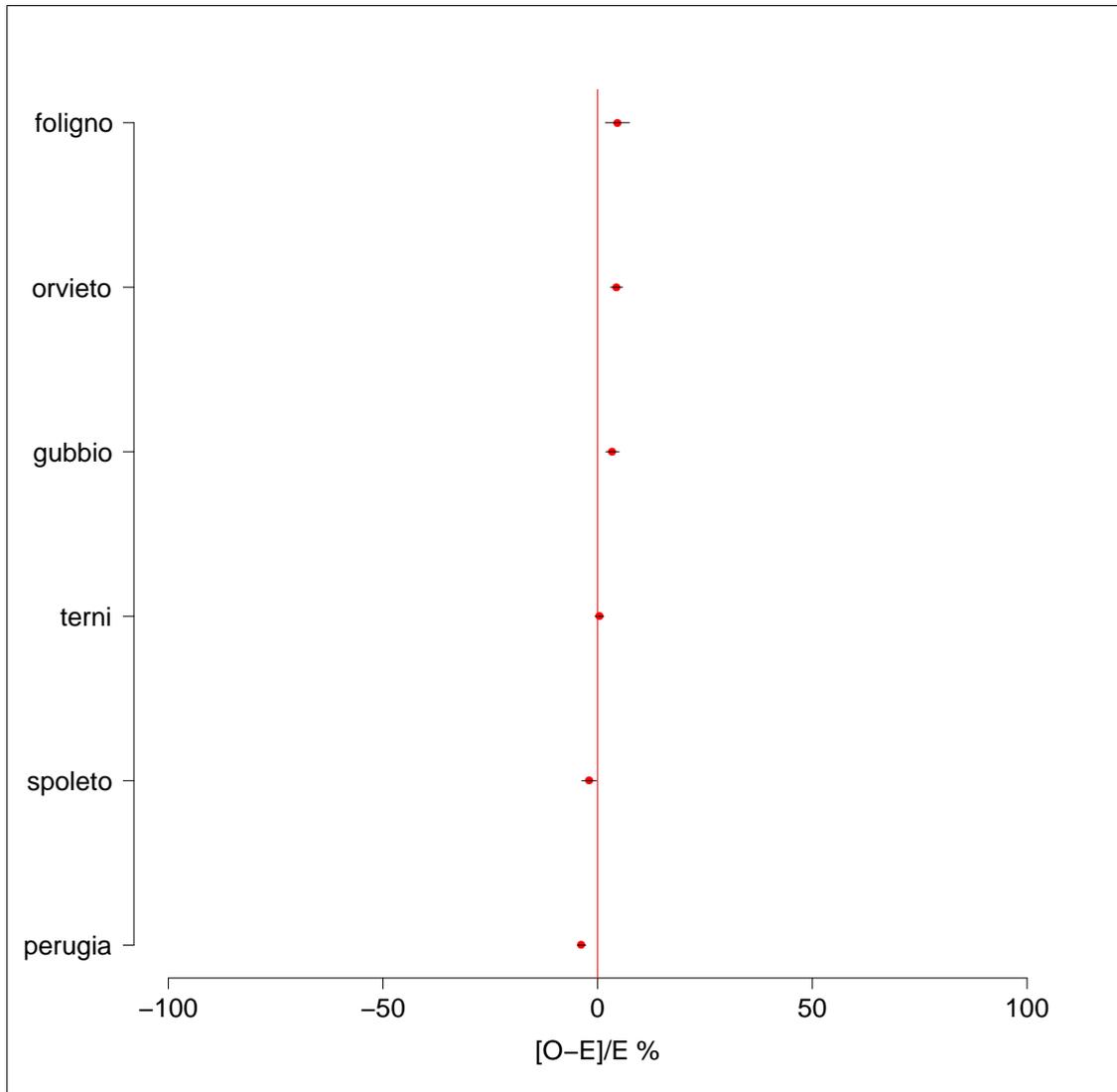
---



Barplots: 5.2.1.17 - Adjusted Rates 5.2.1 % of subjects with 1+ HbA1c tests in last 12 months

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months  
**Type of Diabetes = Type 2**

---



Forest plots: 5.2.1.2 - 5.2.1 % of subjects with 1+ HbA1c tests in last 12 months

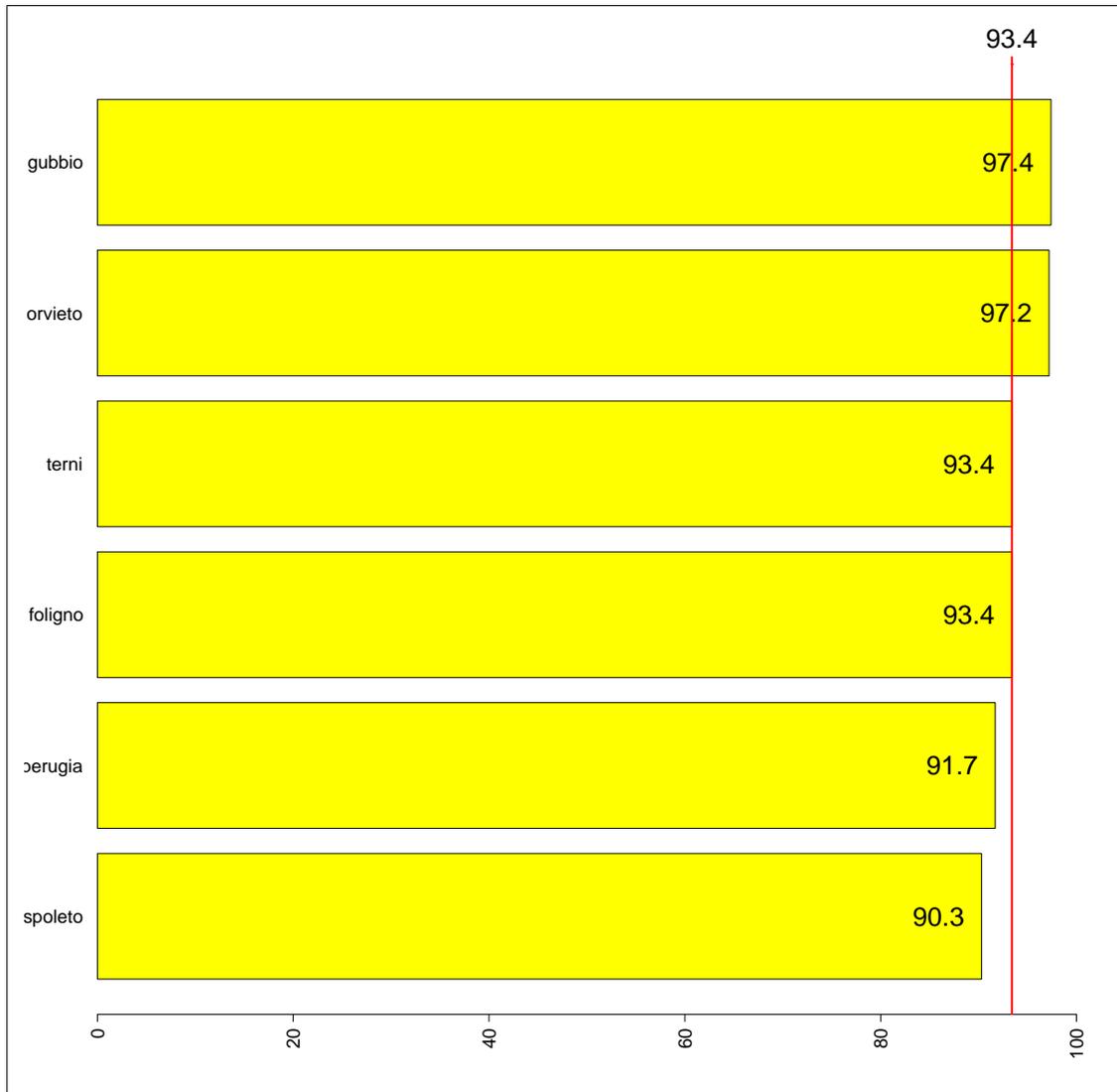
5.2.1 5.2.1 % of subjects with 1+ HbA1c tests in last 12 months  
**Type of Diabetes = Type 1**

s	O	E	N	CR	AR	95% C.I.	[O-E]/E %	95% C.I. [O-E]/E
1 gubbio	49	47	49	100.0	97.4	( 91.4;100.0)	4.3	( -1.9;10.4 )
2 orvieto	51	49	51	100.0	97.2	( 90.5;100.0)	4.1	( -2.9;11.1 )
3 foligno	13	13	13	100.0	93.4	( 80.5;100.0)	0.0	(-12.9;12.9 )
4 terni	92	92	98	93.9	93.4	( 88.8; 98.0)	0.0	( -4.9; 4.9 )
5 perugia	387	394	424	91.3	91.7	( 89.3; 94.1)	-1.8	( -4.4; 0.8 )
6 spoletto	29	30	30	96.7	90.3	( 83.6; 97.0)	-3.3	(-10.0; 3.3 )
T	621		665	93.4				

Standardized Estimates 5.2.1.16 - 5.2.1 % of subjects with 1+ HbA1c tests in last 12 months

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months  
**Type of Diabetes = Type 1**

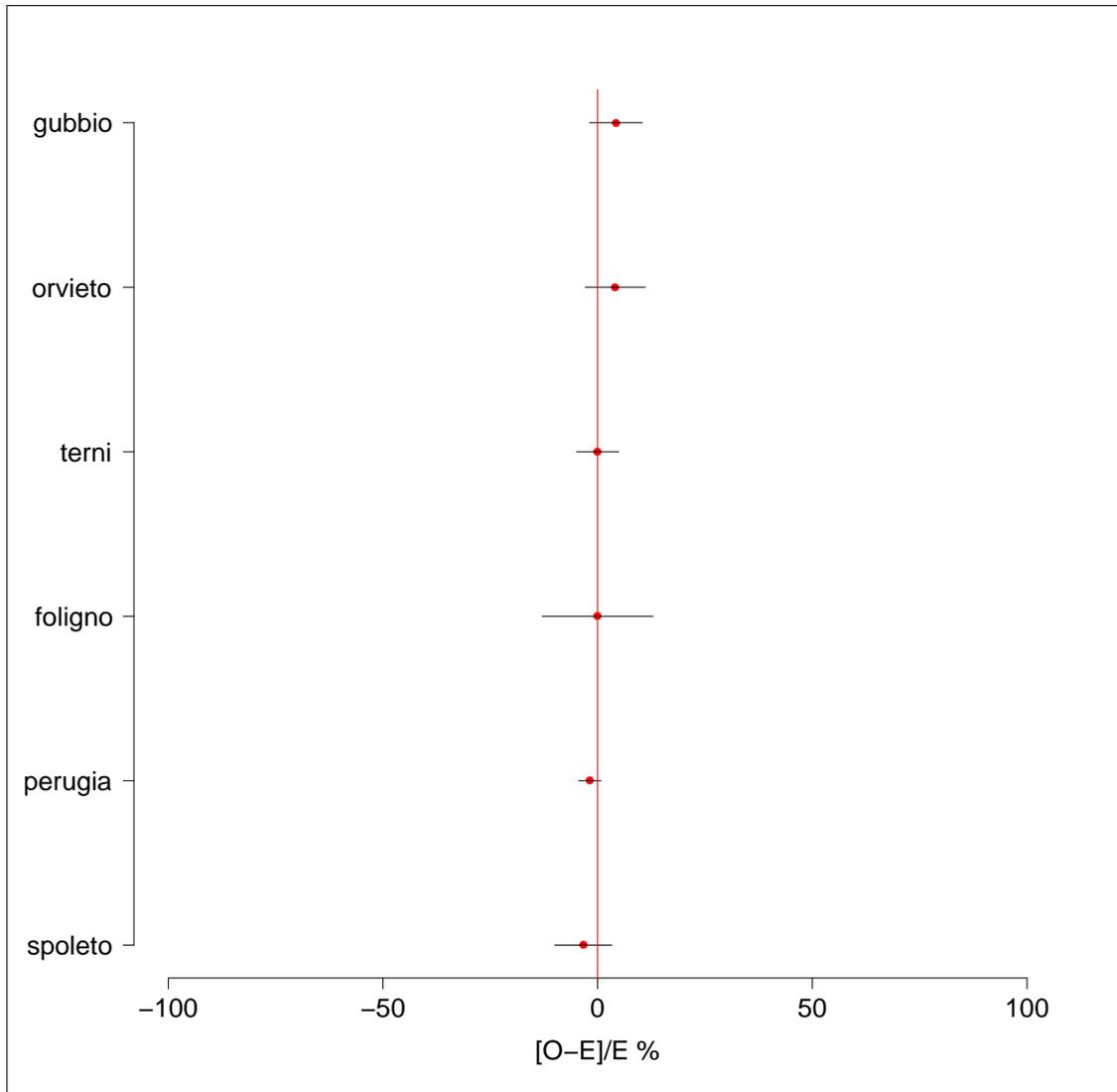
---



Barplots: 5.2.1.18 - Adjusted Rates 5.2.1 % of subjects with 1+ HbA1c tests in last 12 months

5.2.1 % of subjects with 1+ HbA1c tests in last 12 months  
**Type of Diabetes = Type 1**

---



Forest plots: 5.2.1.3 - 5.2.1 % of subjects with 1+ HbA1c tests in last 12 months

**5.2.6 % with serum creatinine tested in last 12 months**

Creatinine	Type of Diabetes		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	9372 (100.0)	0( 0.0)	9372 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
<b>TOTAL</b>	<b>9372(100.0)</b>	<b>0( 0.0)</b>	<b>9372 (100.0)</b>

Table 5.2.6.1: Missing Data Creatinine (by Type of Diabetes)

Creatinine	Type of Diabetes		N ( % )
	Type 1 ( % )	Type 2 ( % )	
Yes	342 ( 51.4)	5877( 67.5)	6219 ( 66.4)
No	323 ( 48.6)	2830( 32.5)	3153 ( 33.6)
<b>TOTAL</b>	<b>665( 7.1)</b>	<b>8707( 92.9)</b>	<b>9372 (100.0)</b>

Table 5.2.6.2: Creatinine (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	70.7394	0	1

Creatinine	Gender		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	9372 (100.0)	0( 0.0)	9372 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	9372(100.0)	0( 0.0)	9372 (100.0)

Table 5.2.6.3: Missing Data Creatinine (by Gender)

Creatinine	Gender		N ( % )
	Male ( % )	Female ( % )	
Yes	3328 ( 65.8)	2891( 67.0)	6219 ( 66.4)
No	1729 ( 34.2)	1424( 33.0)	3153 ( 33.6)
TOTAL	5057( 54.0)	4315( 46.0)	9372 (100.0)

Table 5.2.6.4: Creatinine (by Gender)

	CMH Chi-Square	p.value	df
Value	1.4218	0.2331	1

Creatinine	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9372 (100.0)	0( 0.0)		9372 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9372(100.0)	0( 0.0)		9372 (100.0)

Table 5.2.6.5: Missing Data Creatinine (by Age)

Creatinine	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	2 ( 33.3)	94 ( 48.2)	789 ( 60.7)	3819 ( 68.2)	1515( 66.7)	6219 ( 66.4)
No	4 ( 66.7)	101 ( 51.8)	511 ( 39.3)	1781 ( 31.8)	756( 33.3)	3153 ( 33.6)
TOTAL	6( 0.1)	195( 2.1)	1300( 13.9)	5600( 59.8)	2271( 24.2)	9372 (100.0)

Table 5.2.6.6: Creatinine (by Age)

	CMH Chi-Square	p.value	df
Value	59.0121	0	4

5.2.6 % with serum creatinine tested in last 12 months  
**Type of Diabetes = Type 1**

Creatinine	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
<b>TOTAL</b>	<b>665(100.0)</b>	<b>0( 0.0)</b>		<b>665 (100.0)</b>

Table 5.2.6.7: Missing Data Creatinine (by Gender, Type of Diabetes = Type 1)

Creatinine	Gender			N ( % )
	Male ( % )	Female ( % )		
Yes	167 ( 46.9)	175( 56.6)		342 ( 51.4)
No	189 ( 53.1)	134( 43.4)		323 ( 48.6)
<b>TOTAL</b>	<b>356( 53.5)</b>	<b>309( 46.5)</b>		<b>665 (100.0)</b>

Table 5.2.6.8: Creatinine (by Gender, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	5.8787	0.0153	1

5.2.6 % with serum creatinine tested in last 12 months  
**Type of Diabetes = Type 1**

Creatinine	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 5.2.6.9: Missing Data Creatinine (by Age, Type of Diabetes = Type 1)

Creatinine	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	1 ( 20.0)	76 ( 46.9)	165 ( 50.3)	96 ( 60.8)	4( 33.3)	342 ( 51.4)
No	4 ( 80.0)	86 ( 53.1)	163 ( 49.7)	62 ( 39.2)	8( 66.7)	323 ( 48.6)
TOTAL	5( 0.8)	162( 24.4)	328( 49.3)	158( 23.8)	12( 1.8)	665 (100.0)

Table 5.2.6.10: Creatinine (by Age, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	10.545	0.0322	4

5.2.6 % with serum creatinine tested in last 12 months  
**Type of Diabetes = Type 2**

Creatinine	Gender		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	8707 (100.0)	0( 0.0)	8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	8707(100.0)	0( 0.0)	8707 (100.0)

Table 5.2.6.11: Missing Data Creatinine (by Gender, Type of Diabetes = Type 2)

Creatinine	Gender		N ( % )
	Male ( % )	Female ( % )	
Yes	3161 ( 67.2)	2716( 67.8)	5877 ( 67.5)
No	1540 ( 32.8)	1290( 32.2)	2830 ( 32.5)
TOTAL	4701( 54.0)	4006( 46.0)	8707 (100.0)

Table 5.2.6.12: Creatinine (by Gender, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	0.2813	0.5958	1

5.2.6 % with serum creatinine tested in last 12 months  
**Type of Diabetes = Type 2**

Creatinine	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 5.2.6.13: Missing Data Creatinine (by Age, Type of Diabetes = Type 2)

Creatinine	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	1 (100.0)	18 ( 54.5)	624 ( 64.2)	3723 ( 68.4)	1511( 66.9)	5877 ( 67.5)
No	0 ( 0.0)	15 ( 45.5)	348 ( 35.8)	1719 ( 31.6)	748( 33.1)	2830 ( 32.5)
TOTAL	1( 0.0)	33( 0.4)	972( 11.2)	5442( 62.5)	2259( 25.9)	8707 (100.0)

Table 5.2.6.14: Creatinine (by Age, Type of Diabetes = Type 2)

---

 CMH Chi-Square  

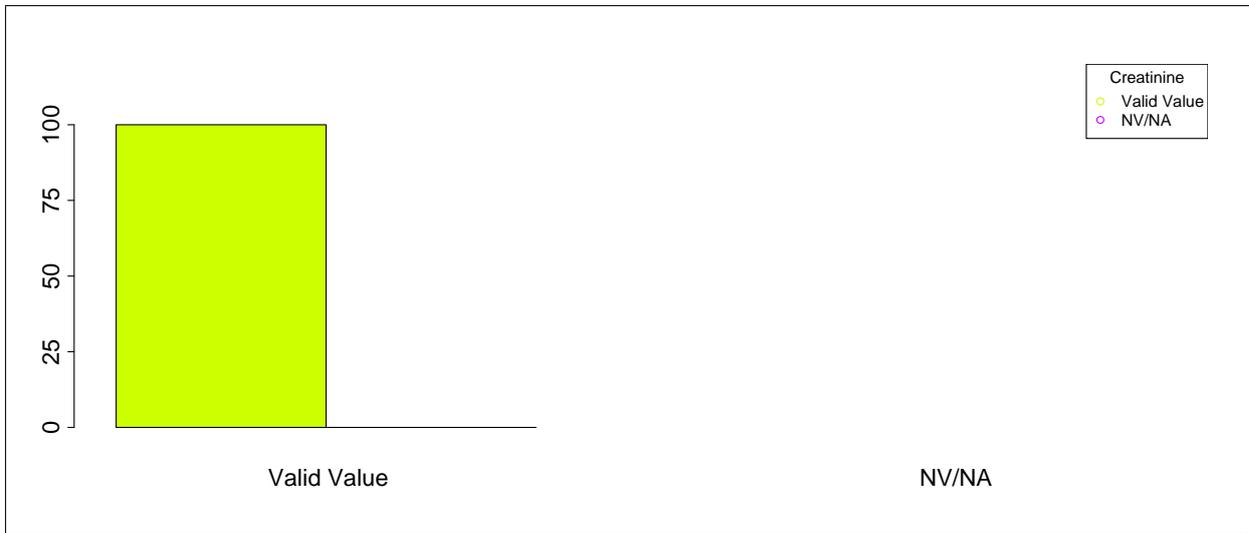

---

 Value    One or more cells have 0 obs  

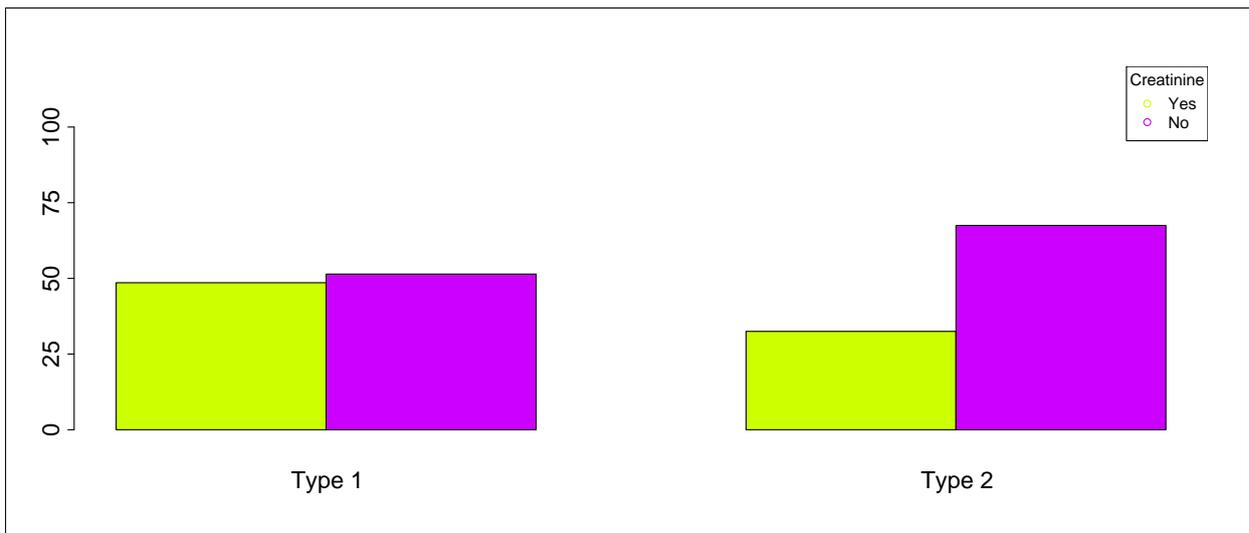

---

5.2.6 % with serum creatinine tested in last 12 months

---



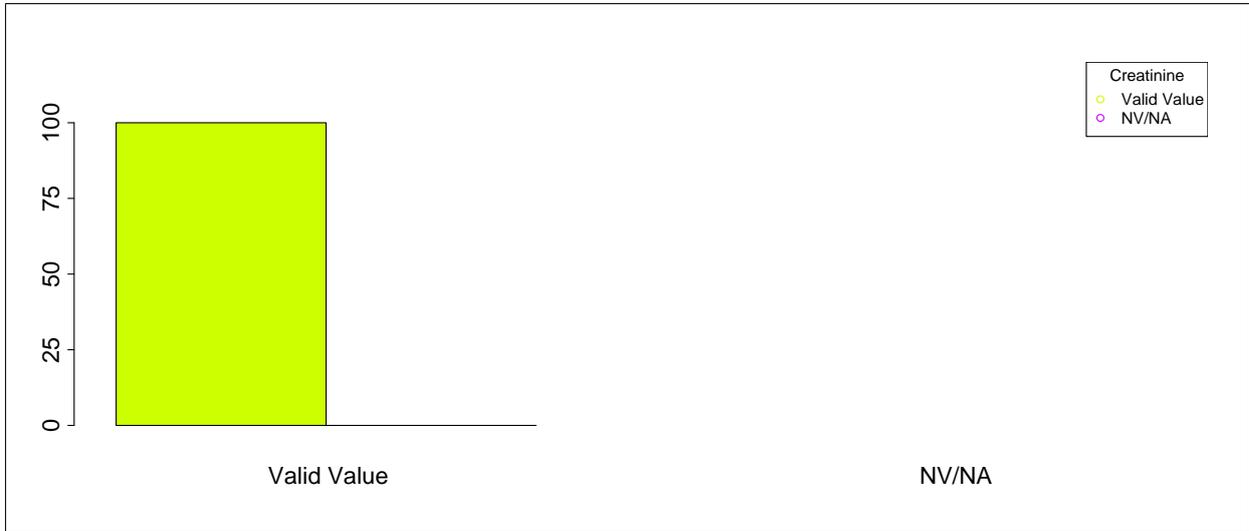
Barplot: 5.2.6.1 - Missing Data Creatinine (by Type of Diabetes)



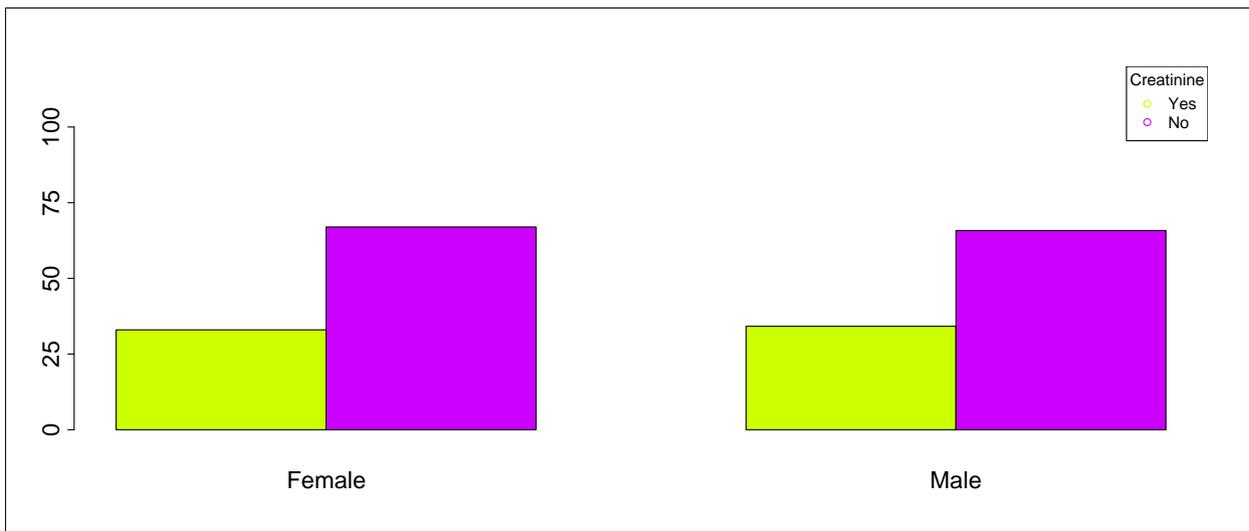
Barplot: 5.2.6.2 - Creatinine (by Type of Diabetes)

5.2.6 % with serum creatinine tested in last 12 months

---

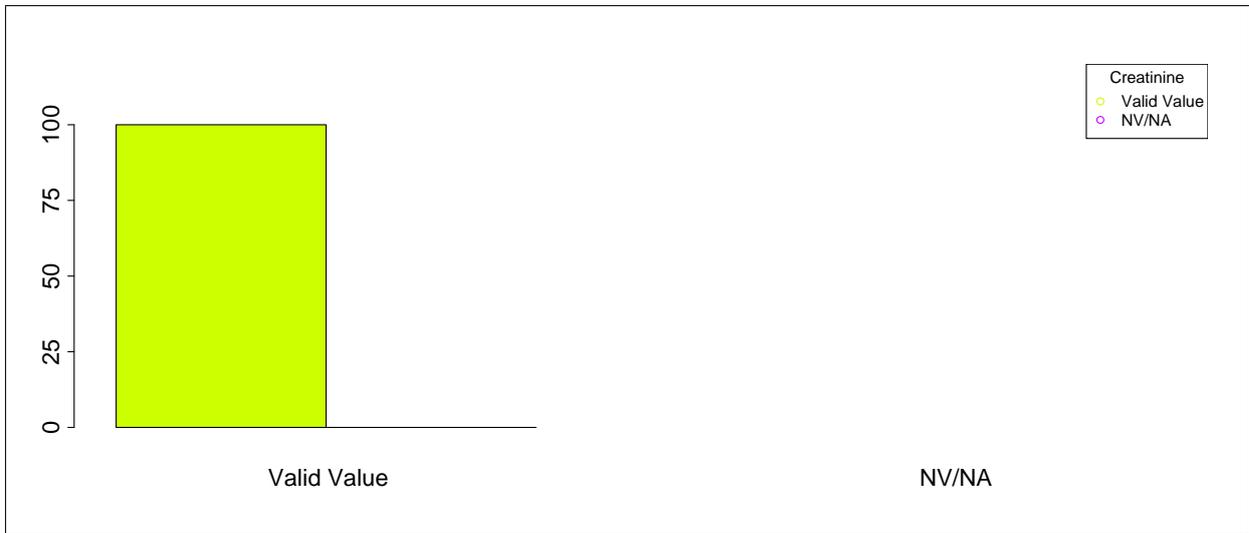


Barplot: 5.2.6.3 - Missing Data Creatinine (by Gender)

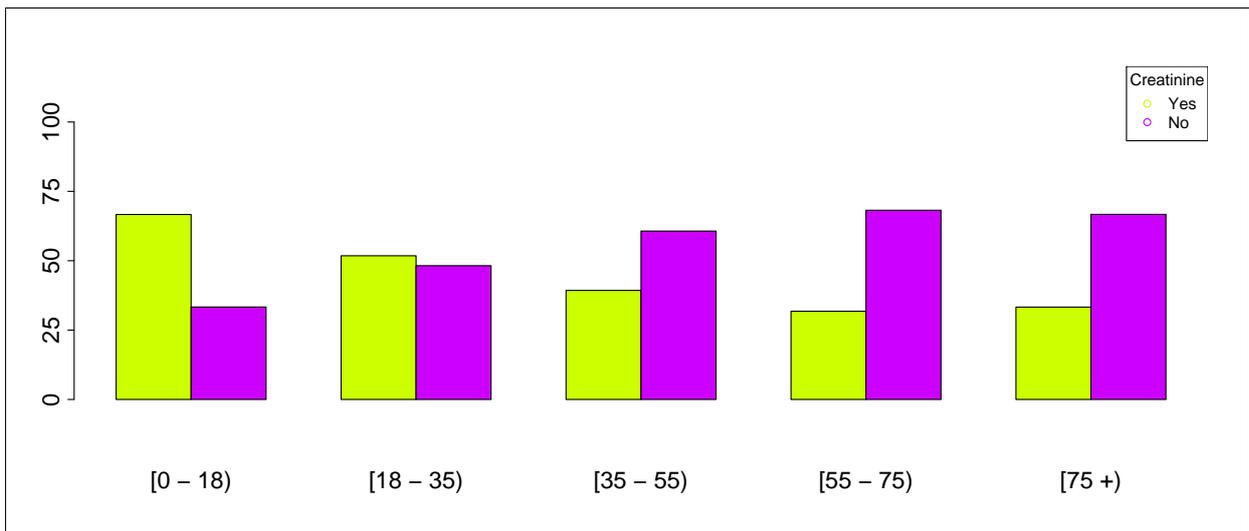


Barplot: 5.2.6.4 - Creatinine (by Gender)

5.2.6 % with serum creatinine tested in last 12 months



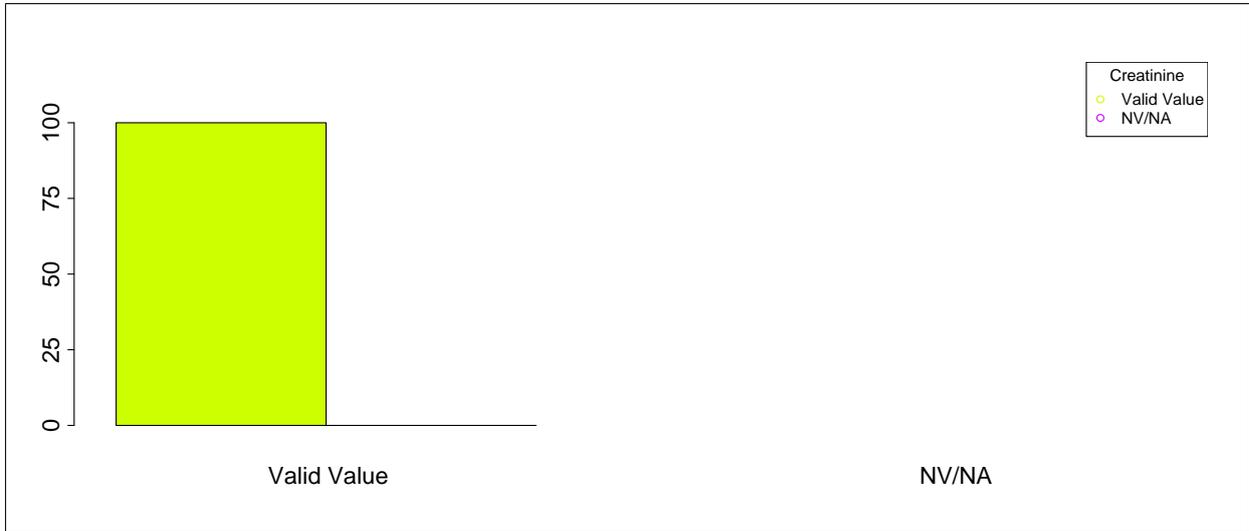
Barplot: 5.2.6.5 - Missing Data Creatinine (by Age)



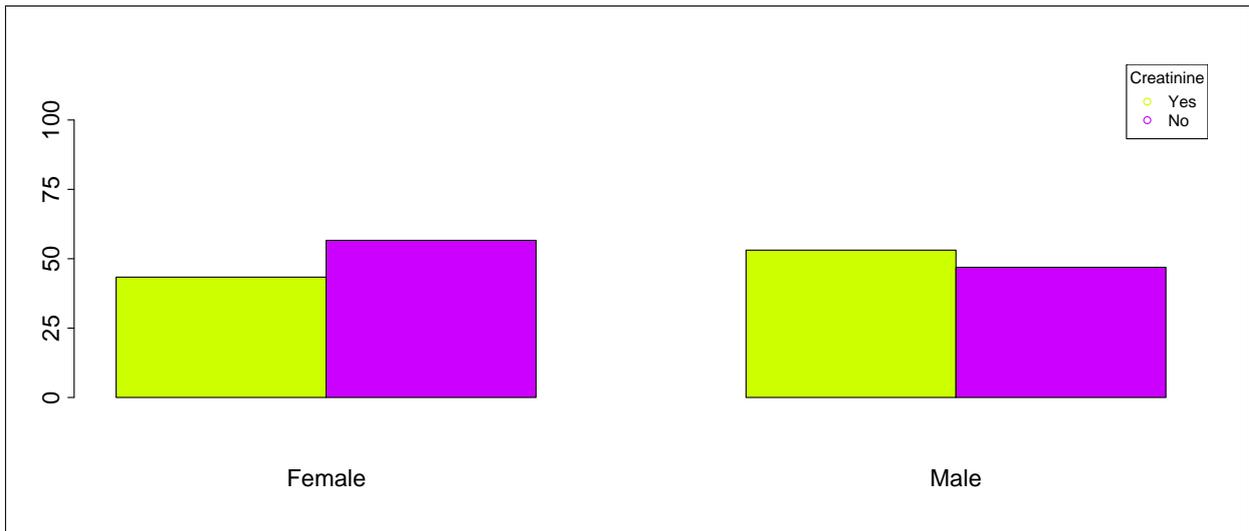
Barplot: 5.2.6.6 - Creatinine (by Age)

5.2.6 % with serum creatinine tested in last 12 months  
**Type of Diabetes = Type 1**

---



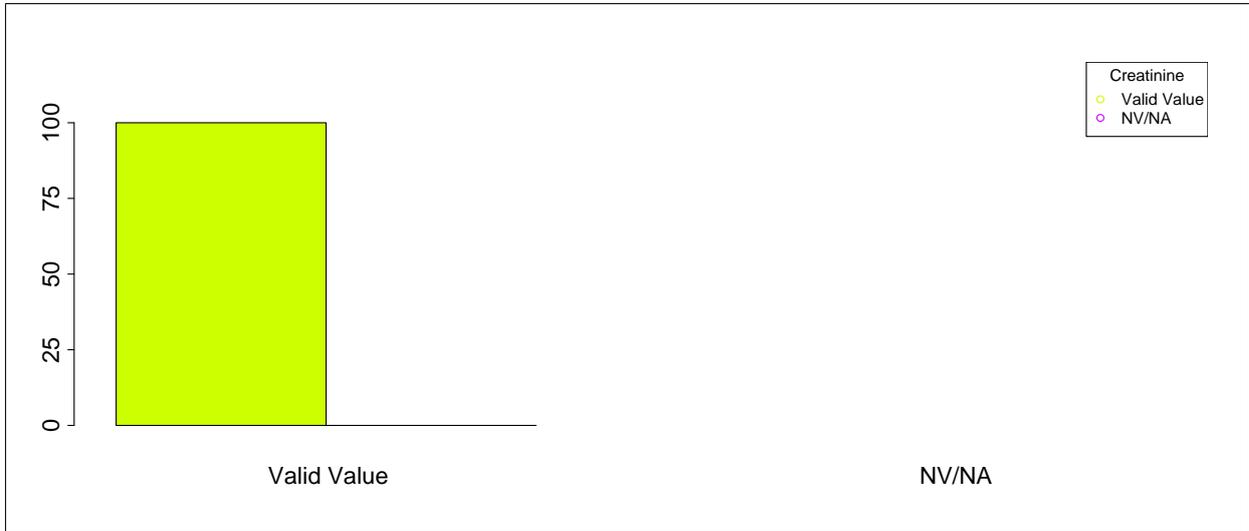
Barplot: 5.2.6.7 - Missing Data Creatinine (by Gender, Type of Diabetes = Type 1)



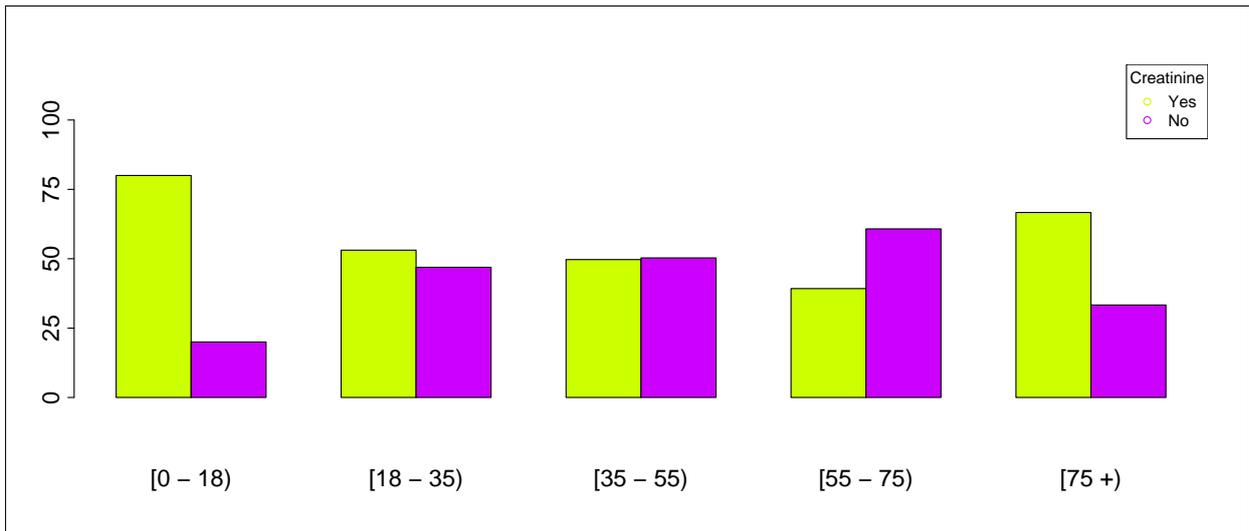
Barplot: 5.2.6.8 - Creatinine (by Gender, Type of Diabetes = Type 1)

5.2.6 % with serum creatinine tested in last 12 months  
**Type of Diabetes = Type 1**

---



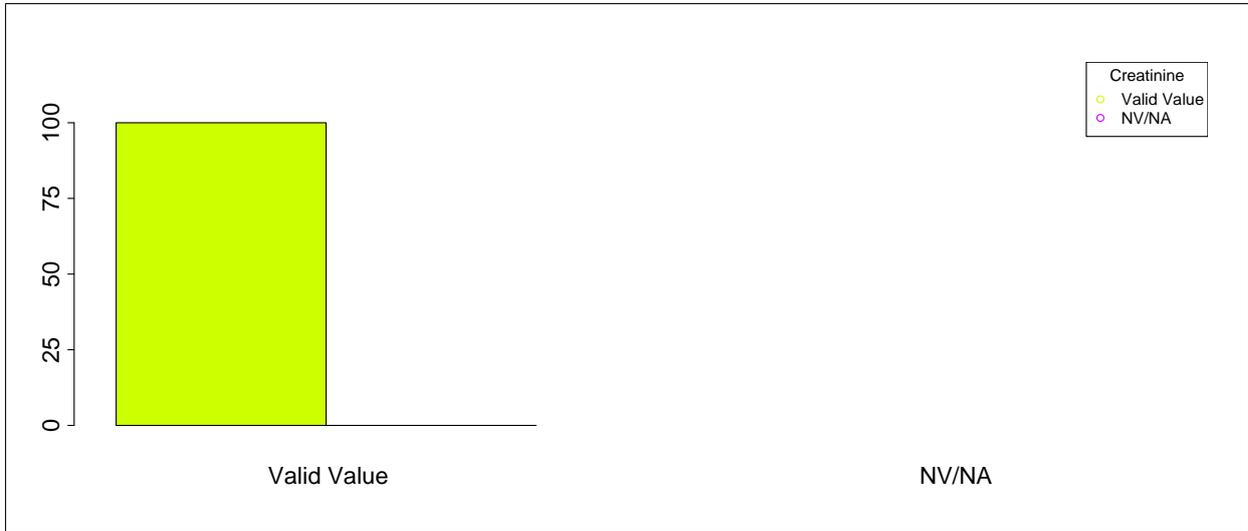
Barplot: 5.2.6.9 - Missing Data Creatinine (by Age, Type of Diabetes = Type 1)



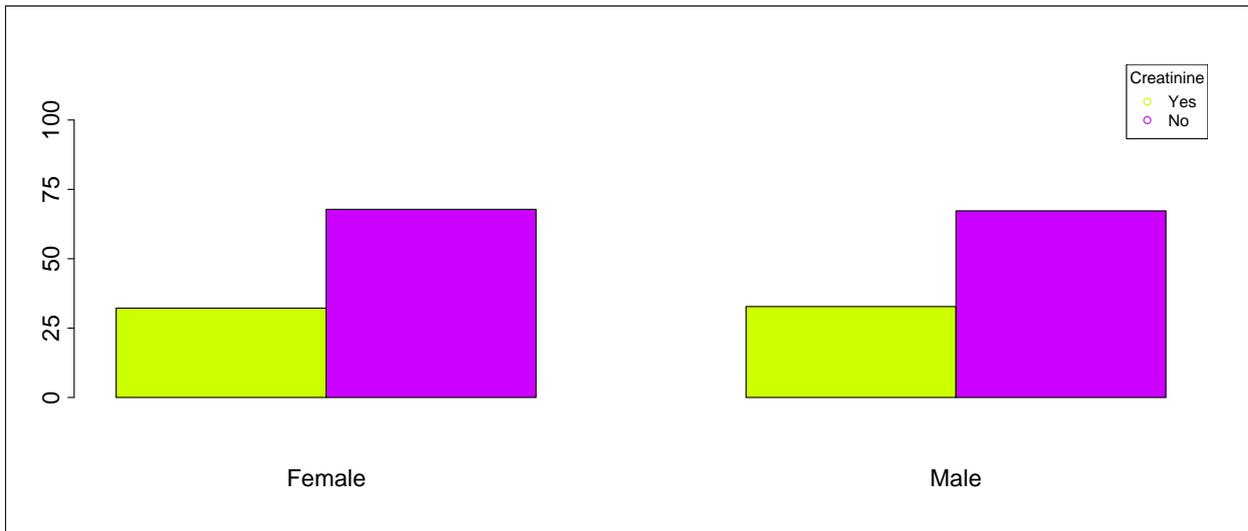
Barplot: 5.2.6.10 - Creatinine (by Age, Type of Diabetes = Type 1)

5.2.6 % with serum creatinine tested in last 12 months  
**Type of Diabetes = Type 2**

---



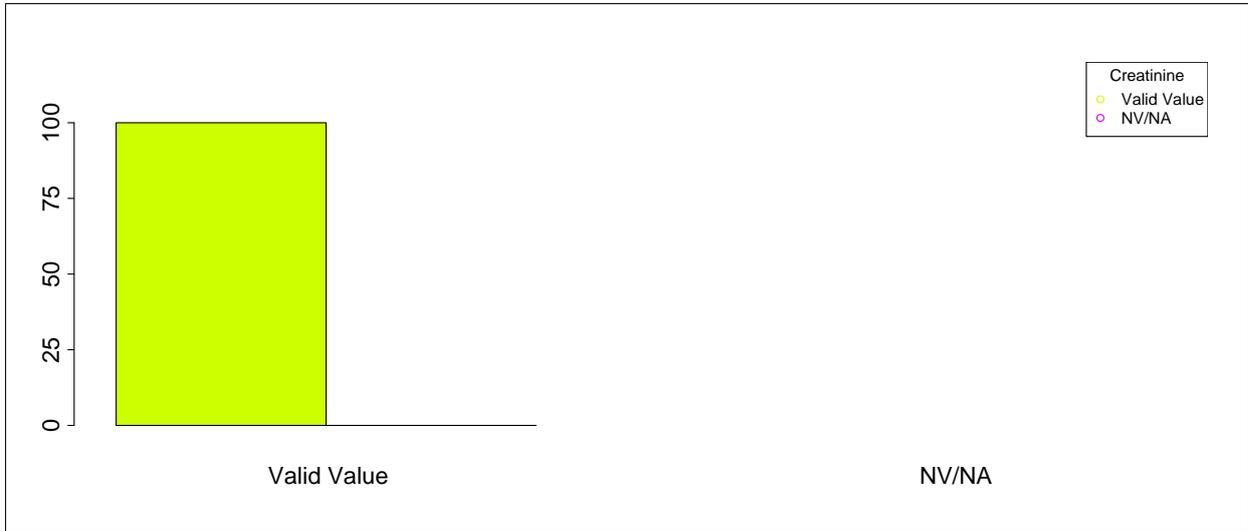
Barplot: 5.2.6.11 - Missing Data Creatinine (by Gender, Type of Diabetes = Type 2)



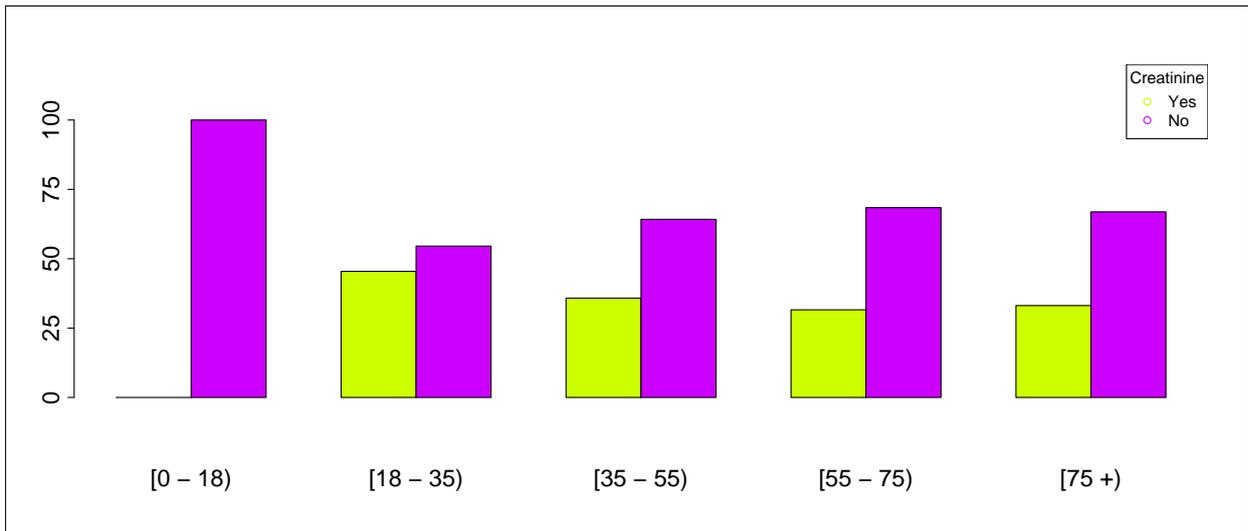
Barplot: 5.2.6.12 - Creatinine (by Gender, Type of Diabetes = Type 2)

5.2.6 % with serum creatinine tested in last 12 months  
**Type of Diabetes = Type 2**

---



Barplot: 5.2.6.13 - Missing Data Creatinine (by Age, Type of Diabetes = Type 2)



Barplot: 5.2.6.14 - Creatinine (by Age, Type of Diabetes = Type 2)

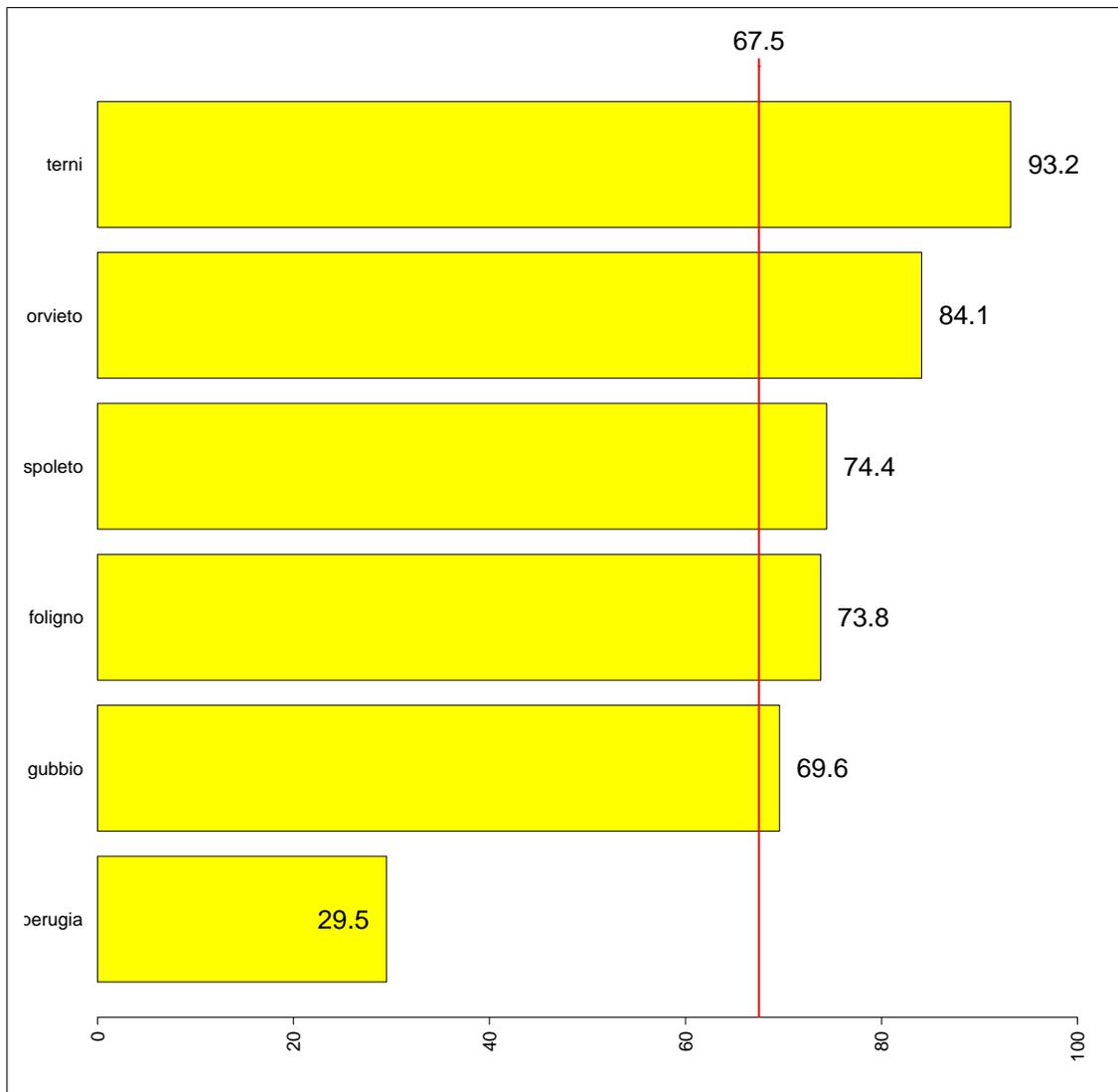
5.2.6 5.2.6 % with serum creatinine tested in last 12 months  
**Type of Diabetes = Type 2**

	s	O	E	N	CR	AR	95% C.I.	[O-E]/E %	95% C.I. [O-E]/E
1	terni	2503	1812	2684	93.3	93.2	( 91.5; 95.0)	38.1	( 35.5; 40.8)
2	orvieto	1016	815	1205	84.3	84.1	( 81.5; 86.8)	24.7	( 20.8; 28.6)
3	spoleto	638	579	860	74.2	74.4	( 71.2; 77.5)	10.2	( 5.5; 14.8)
4	foligno	222	203	300	74.0	73.8	( 68.5; 79.1)	9.4	( 1.6; 17.2)
5	gubbio	730	708	1049	69.6	69.6	( 66.8; 72.4)	3.1	( -1.1; 7.3)
6	perugia	768	1759	2609	29.4	29.5	( 27.7; 31.3)	-56.3	(-59.0;-53.7)
	T	5877		8707	67.5				

Standardized Estimates 5.2.6.15 - 5.2.6 % with serum creatinine tested in last 12 months

5.2.6 % with serum creatinine tested in last 12 months  
**Type of Diabetes = Type 2**

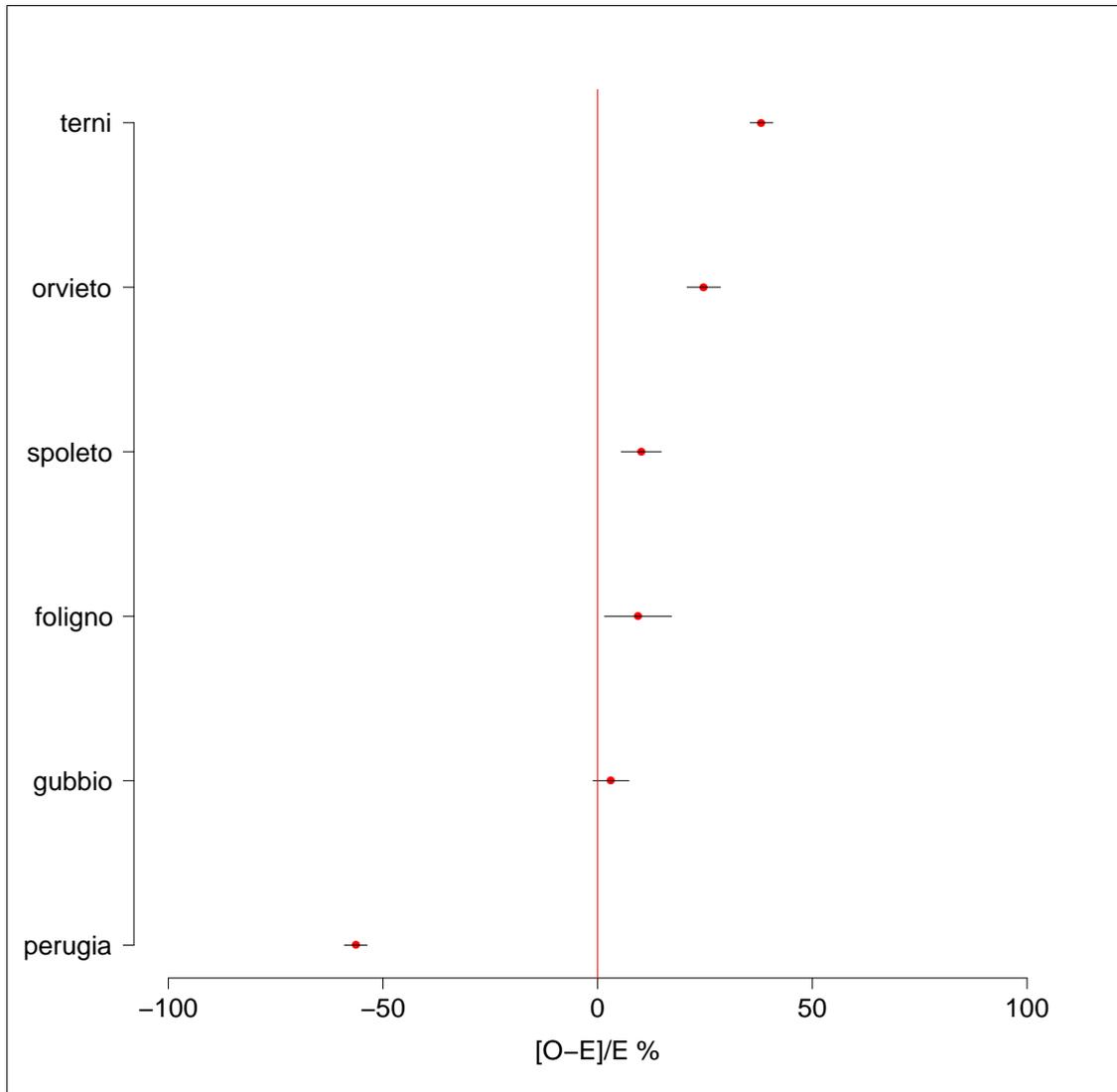
---



Barplots: 5.2.6.17 - Adjusted Rates 5.2.6 % with serum creatinine tested in last 12 months

5.2.6 % with serum creatinine tested in last 12 months  
**Type of Diabetes = Type 2**

---



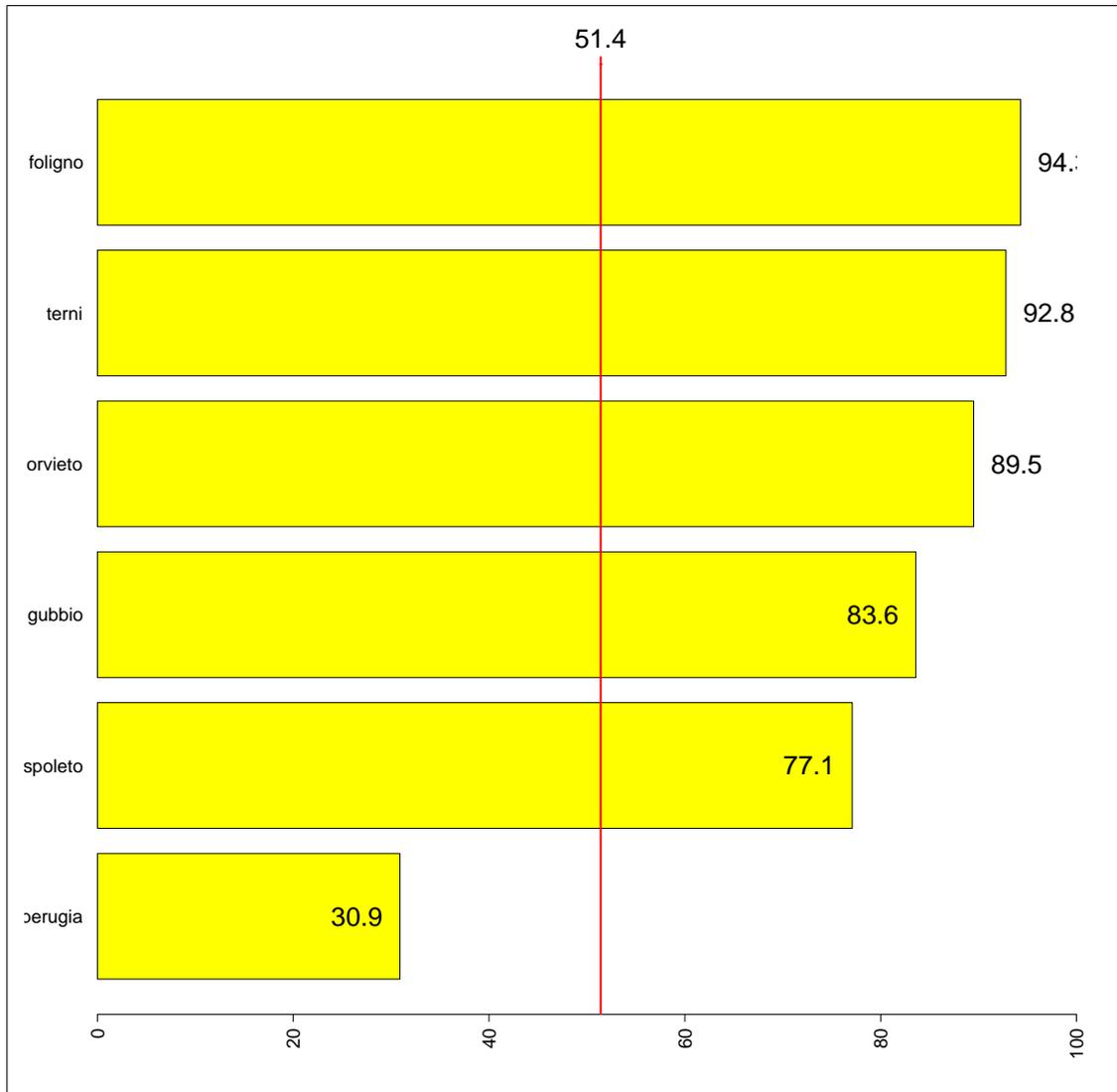
Forest plots: 5.2.6.4 - 5.2.6 % with serum creatinine tested in last 12 months

5.2.6 5.2.6 % with serum creatinine tested in last 12 months  
**Type of Diabetes = Type 1**

	s	O	E	N	CR	AR	95% C.I.	[O-E]/E %	95% C.I. [O-E]/E
1	foligno	11	6	13	84.6	94.3	( 64.2;100.0)	83.3	( 18.2;148.5)
2	terni	92	51	98	93.9	92.8	( 83.2;100.0)	80.4	( 62.0; 98.8)
3	orvieto	47	27	51	92.2	89.5	( 76.4;100.0)	74.1	( 49.2; 98.9)
4	gubbio	39	24	49	79.6	83.6	( 69.1; 98.1)	62.5	( 32.9; 92.1)
5	spoleto	24	16	30	80.0	77.1	( 60.1; 94.2)	50.0	( 18.0; 82.0)
6	perugia	129	215	424	30.4	30.9	( 26.1; 35.6)	-40.0	(-49.3;-30.7)
	T	342		665	51.4				

Standardized Estimates 5.2.6.16 - 5.2.6 % with serum creatinine tested in last 12 months

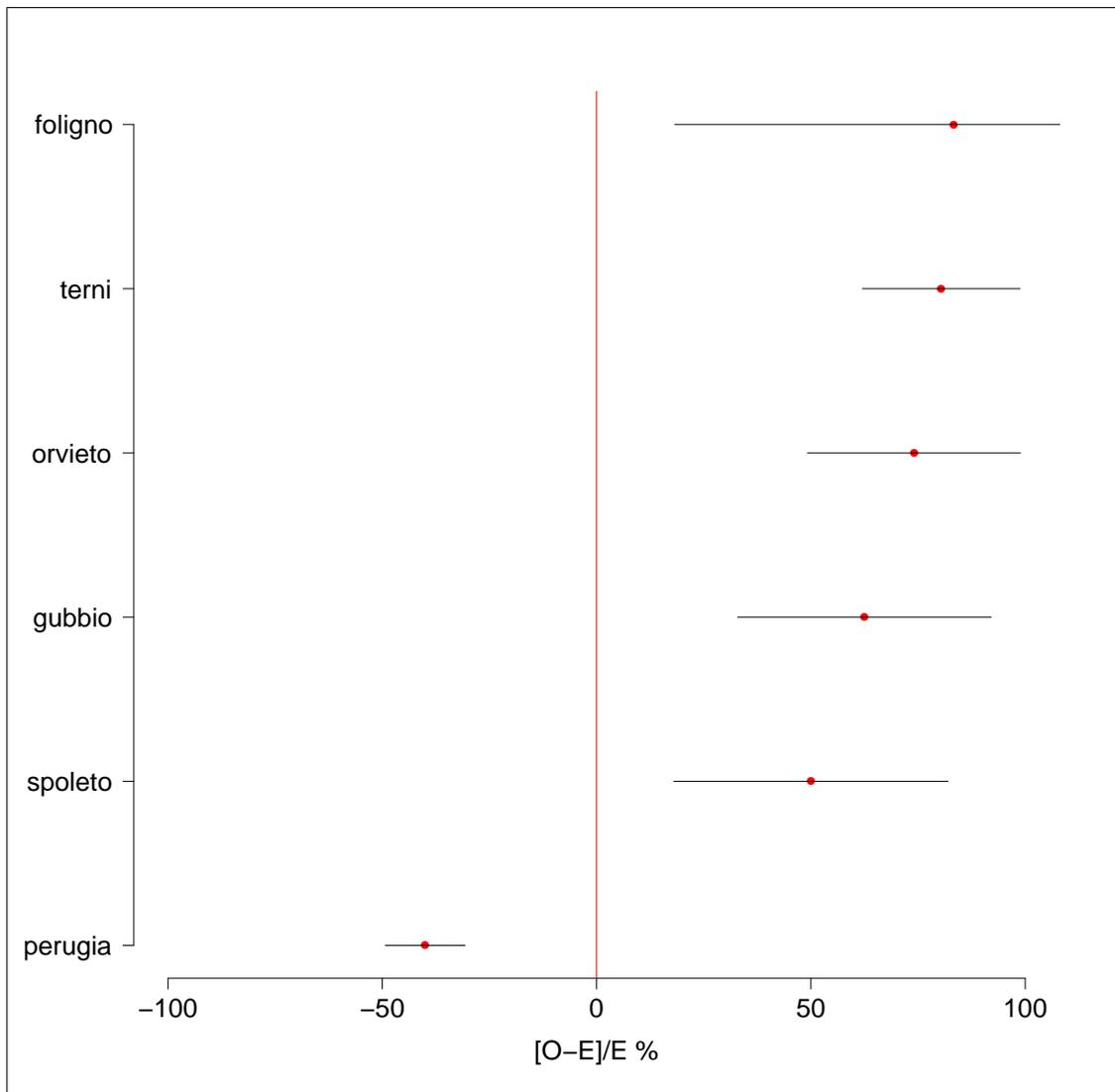
5.2.6 % with serum creatinine tested in last 12 months  
**Type of Diabetes = Type 1**



Barplots: 5.2.6.18 - Adjusted Rates 5.2.6 % with serum creatinine tested in last 12 months

5.2.6 % with serum creatinine tested in last 12 months  
**Type of Diabetes = Type 1**

---



Forest plots: 5.2.6.5 - 5.2.6 % with serum creatinine tested in last 12 months

**5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months**

BP measurements	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9372 (100.0)	0( 0.0)		9372 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9372(100.0)	0( 0.0)		9372 (100.0)

Table 5.2.7.1: Missing Data BP measurements (by Type of Diabetes)

BP measurements	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )		
Yes	249 ( 37.4)	5679( 65.2)		5928 ( 63.3)
No	416 ( 62.6)	3028( 34.8)		3444 ( 36.7)
TOTAL	665( 7.1)	8707( 92.9)		9372 (100.0)

Table 5.2.7.2: BP measurements (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	203.9269	0	1

BP measurements	Gender		
	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	9372 (100.0)	0( 0.0)	9372 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)	0 ( 0.0)
TOTAL	9372(100.0)	0( 0.0)	9372 (100.0)

Table 5.2.7.3: Missing Data BP measurements (by Gender)

BP measurements	Gender		
	Male ( % )	Female ( % )	N ( % )
Yes	3205 ( 63.4)	2723( 63.1)	5928 ( 63.3)
No	1852 ( 36.6)	1592( 36.9)	3444 ( 36.7)
TOTAL	5057( 54.0)	4315( 46.0)	9372 (100.0)

Table 5.2.7.4: BP measurements (by Gender)

	CMH Chi-Square	p.value	df
Value	0.0629	0.802	1

BP measurements	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9372 (100.0)	0( 0.0)		9372 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9372(100.0)	0( 0.0)		9372 (100.0)

Table 5.2.7.5: Missing Data BP measurements (by Age)

BP measurements	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	1 ( 16.7)	72 ( 36.9)	749 ( 57.6)	3744 ( 66.9)	1362( 60.0)	5928 ( 63.3)
No	5 ( 83.3)	123 ( 63.1)	551 ( 42.4)	1856 ( 33.1)	909( 40.0)	3444 ( 36.7)
TOTAL	6( 0.1)	195( 2.1)	1300( 13.9)	5600( 59.8)	2271( 24.2)	9372 (100.0)

Table 5.2.7.6: BP measurements (by Age)

	CMH Chi-Square	p.value	df
Value	123.3417	0	4

5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months

**Type of Diabetes = Type 1**

BP measurements	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 5.2.7.7: Missing Data BP measurements (by Gender, Type of Diabetes = Type 1)

BP measurements	Gender			N ( % )
	Male ( % )	Female ( % )		
Yes	136 ( 38.2)	113( 36.6)		249 ( 37.4)
No	220 ( 61.8)	196( 63.4)		416 ( 62.6)
TOTAL	356( 53.5)	309( 46.5)		665 (100.0)

Table 5.2.7.8: BP measurements (by Gender, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	0.125	0.7237	1

5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months

**Type of Diabetes = Type 1**

BP measurements	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 5.2.7.9: Missing Data BP measurements (by Age, Type of Diabetes = Type 1)

BP measurements	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	1 ( 20.0)	53 ( 32.7)	120 ( 36.6)	71 ( 44.9)	4( 33.3)	249 ( 37.4)
No	4 ( 80.0)	109 ( 67.3)	208 ( 63.4)	87 ( 55.1)	8( 66.7)	416 ( 62.6)
TOTAL	5( 0.8)	162( 24.4)	328( 49.3)	158( 23.8)	12( 1.8)	665 (100.0)

Table 5.2.7.10: BP measurements (by Age, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	6.1723	0.1866	4

5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months

**Type of Diabetes = Type 2**

BP measurements	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 5.2.7.11: Missing Data BP measurements (by Gender, Type of Diabetes = Type 2)

BP measurements	Gender			N ( % )
	Male ( % )	Female ( % )		
Yes	3069 ( 65.3)	2610( 65.2)		5679 ( 65.2)
No	1632 ( 34.7)	1396( 34.8)		3028 ( 34.8)
TOTAL	4701( 54.0)	4006( 46.0)		8707 (100.0)

Table 5.2.7.12: BP measurements (by Gender, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	0.0112	0.9155	1

5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months  
**Type of Diabetes = Type 2**

BP measurements	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

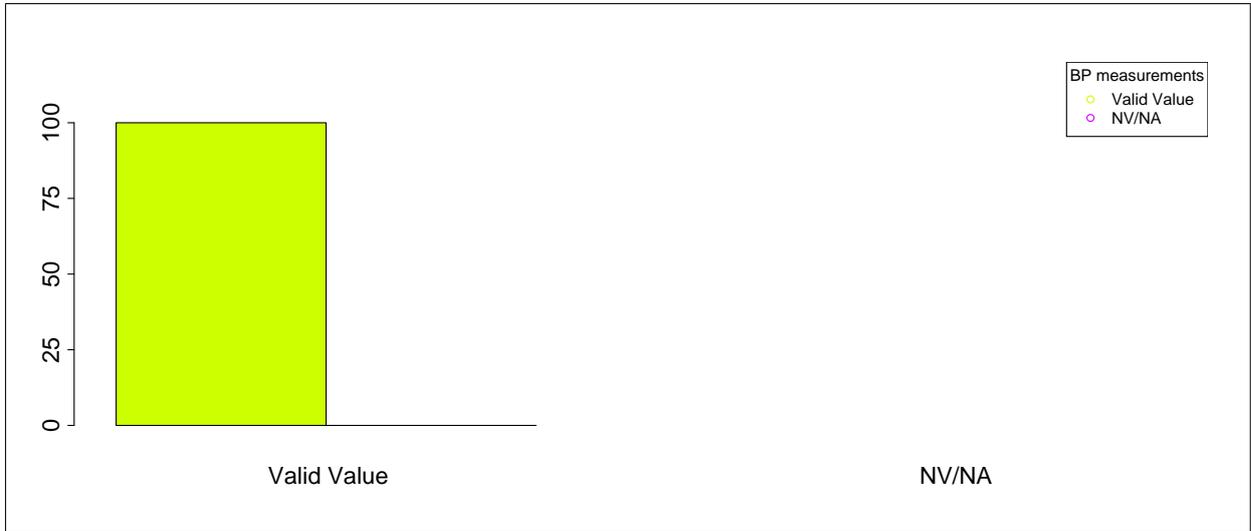
Table 5.2.7.13: Missing Data BP measurements (by Age, Type of Diabetes = Type 2)

BP measurements	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Yes	0 ( 0.0)	19 ( 57.6)	629 ( 64.7)	3673 ( 67.5)	1358( 60.1)	5679 ( 65.2)
No	1 (100.0)	14 ( 42.4)	343 ( 35.3)	1769 ( 32.5)	901( 39.9)	3028 ( 34.8)
TOTAL	1( 0.0)	33( 0.4)	972( 11.2)	5442( 62.5)	2259( 25.9)	8707 (100.0)

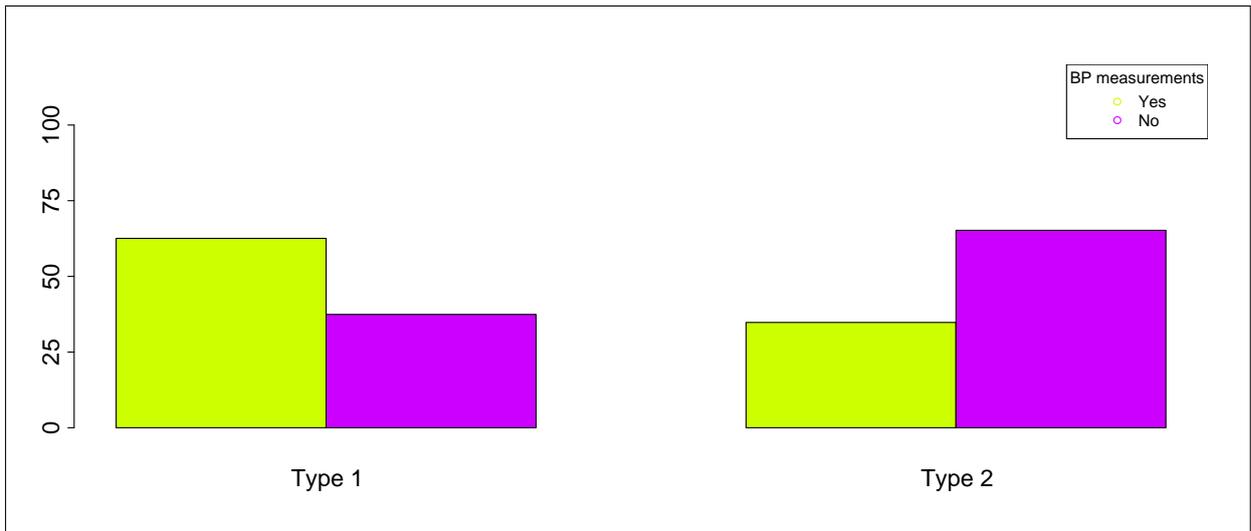
Table 5.2.7.14: BP measurements (by Age, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months

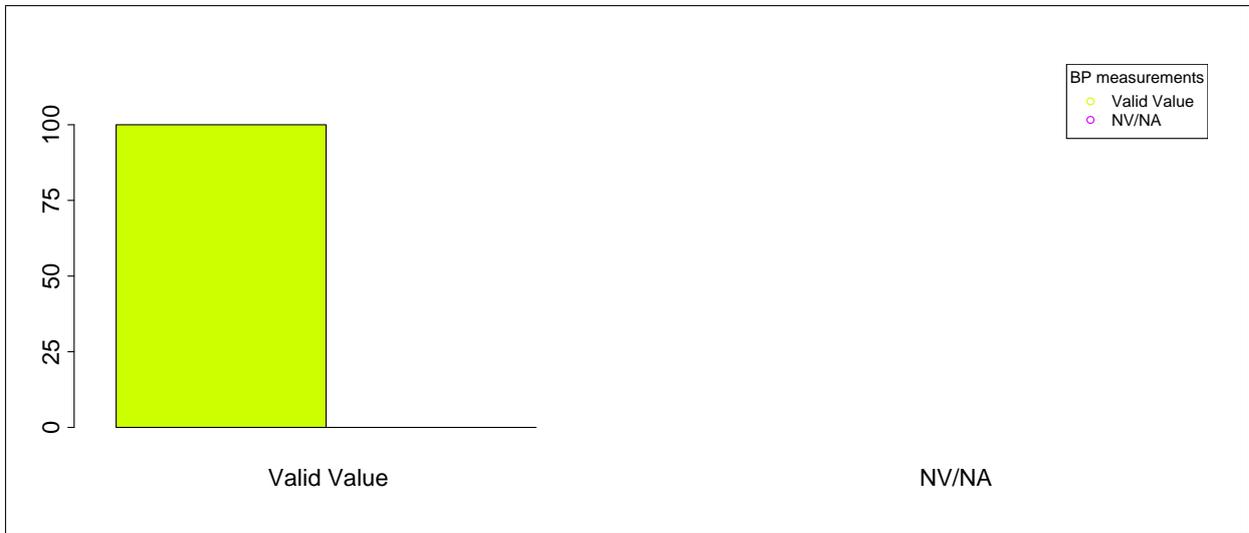


Barplot: 5.2.7.1 - Missing Data BP measurements (by Type of Diabetes)

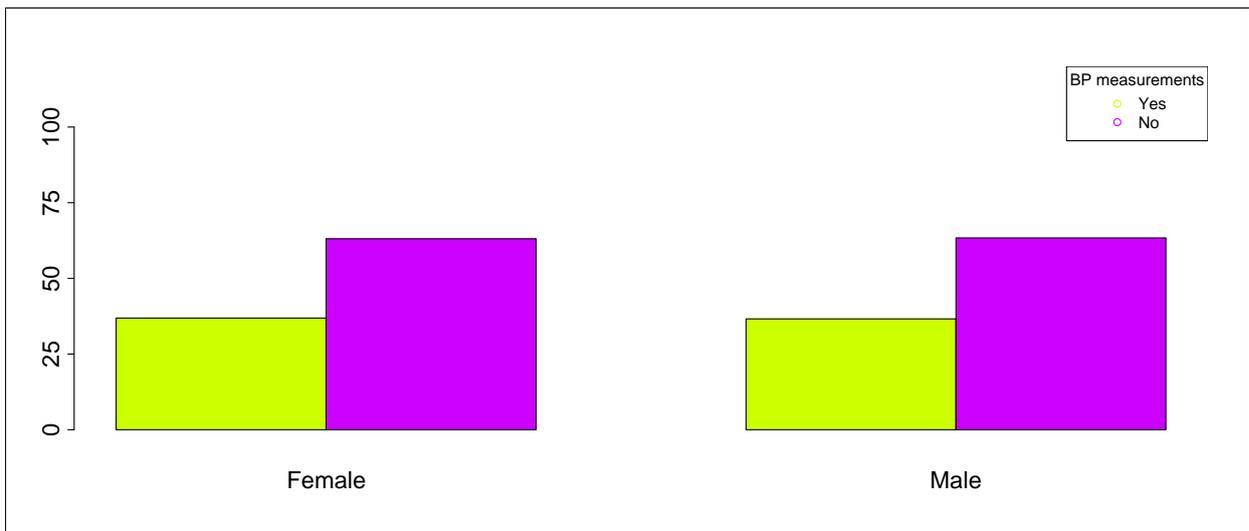


Barplot: 5.2.7.2 - BP measurements (by Type of Diabetes)

5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months

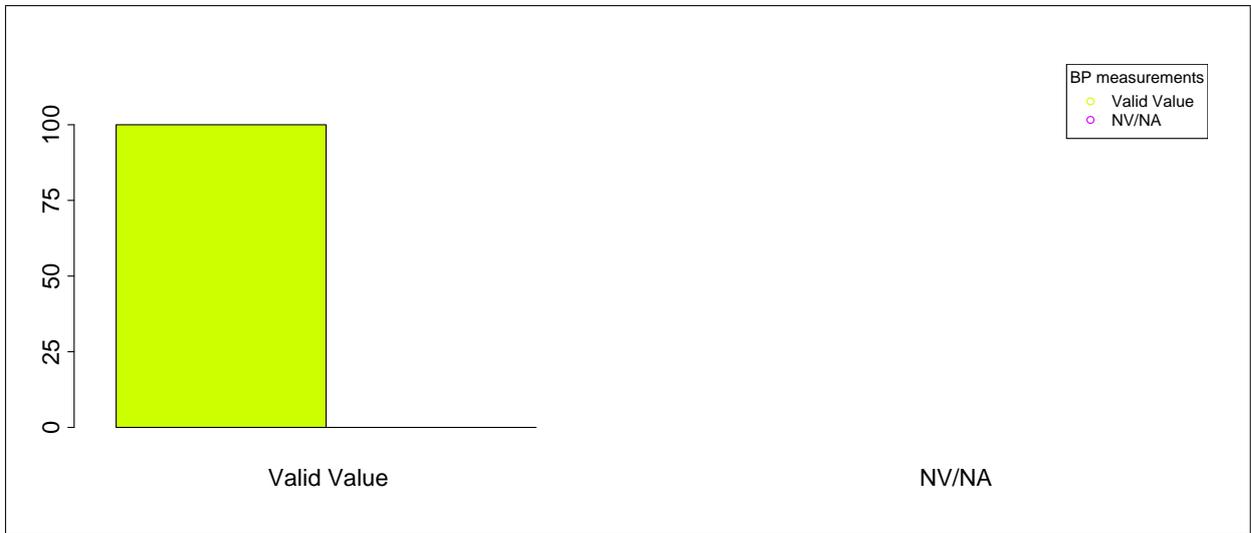


Barplot: 5.2.7.3 - Missing Data BP measurements (by Gender)

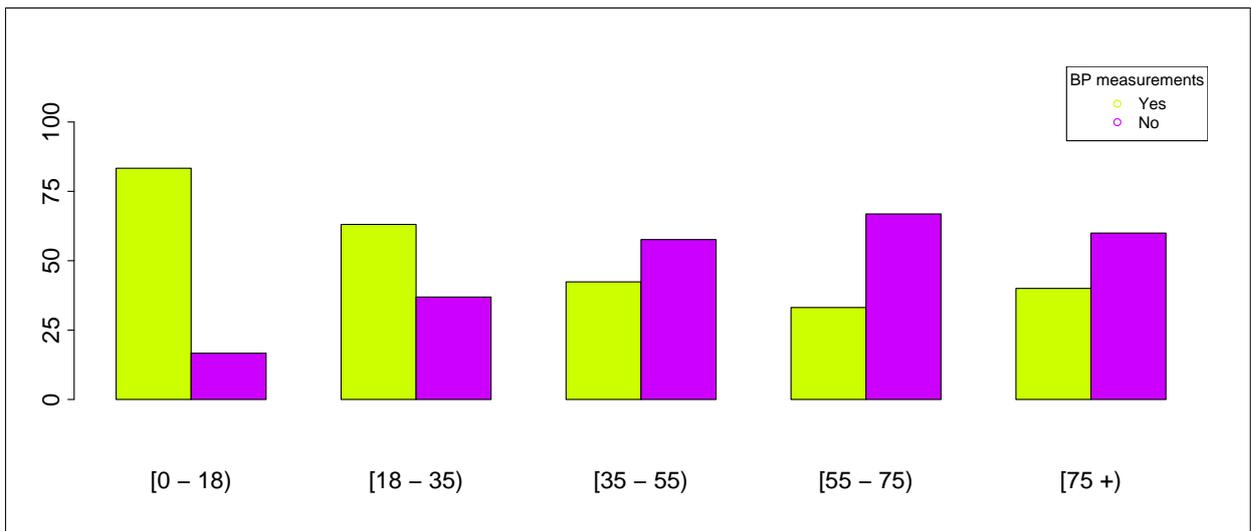


Barplot: 5.2.7.4 - BP measurements (by Gender)

5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months



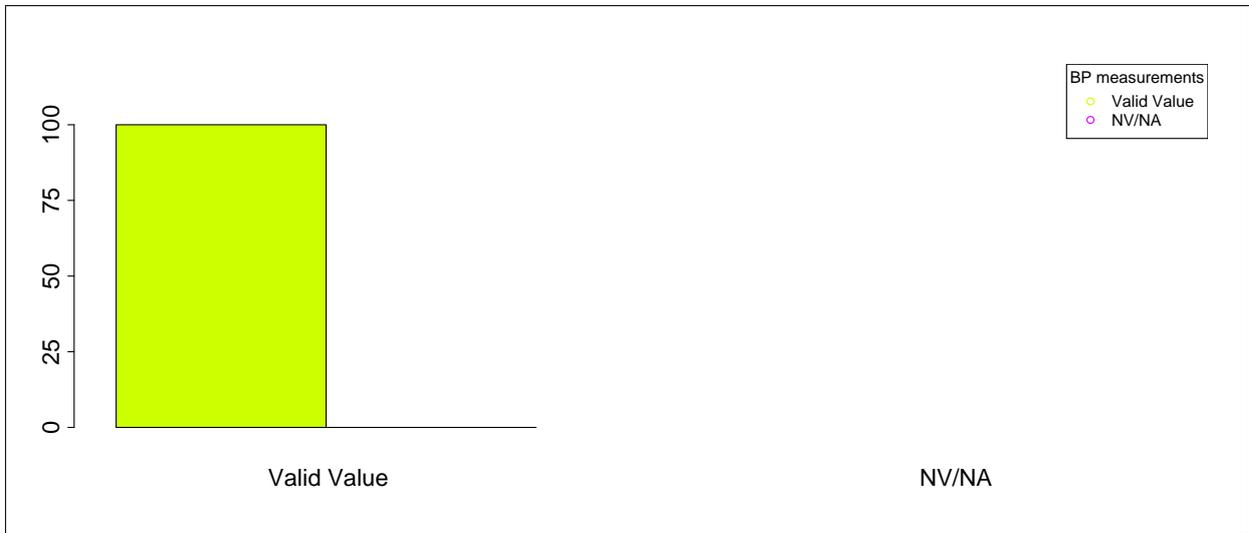
Barplot: 5.2.7.5 - Missing Data BP measurements (by Age)



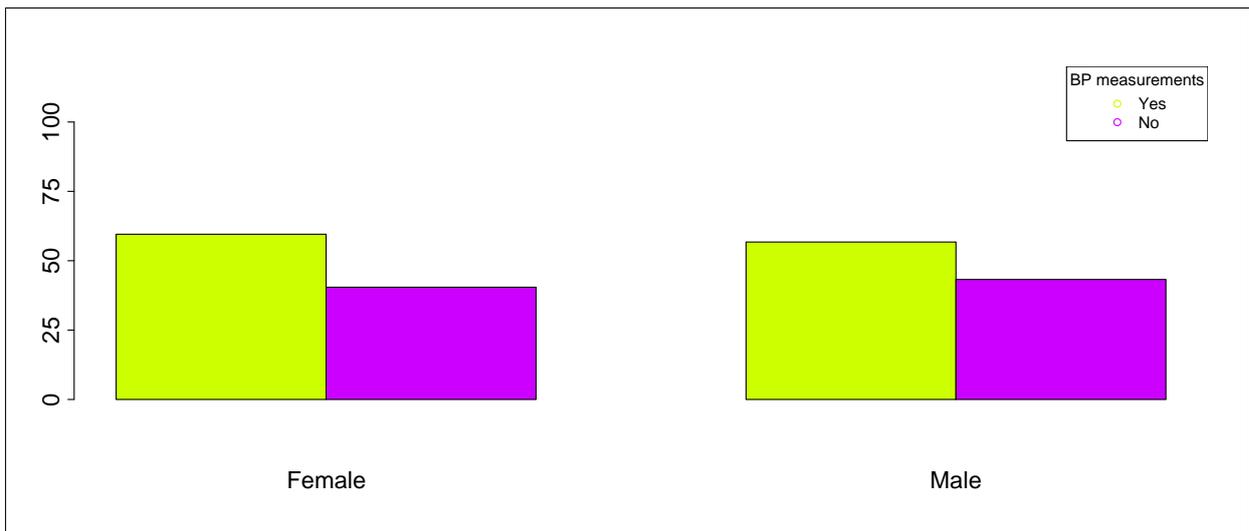
Barplot: 5.2.7.6 - BP measurements (by Age)

5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months  
**Type of Diabetes = Type 1**

---



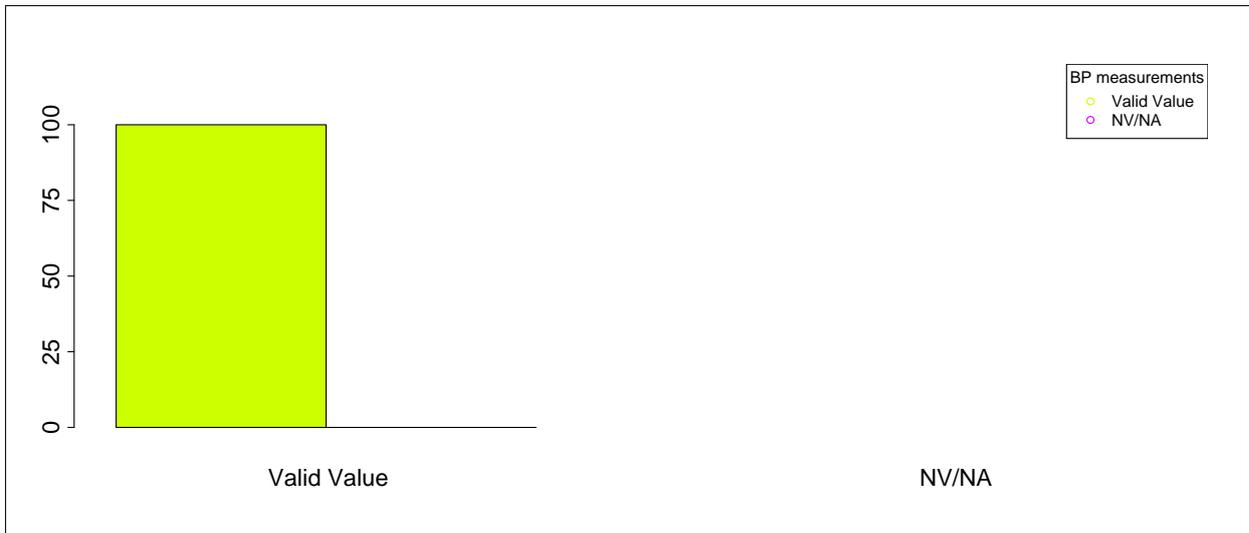
Barplot: 5.2.7.7 - Missing Data BP measurements (by Gender, Type of Diabetes = Type 1)



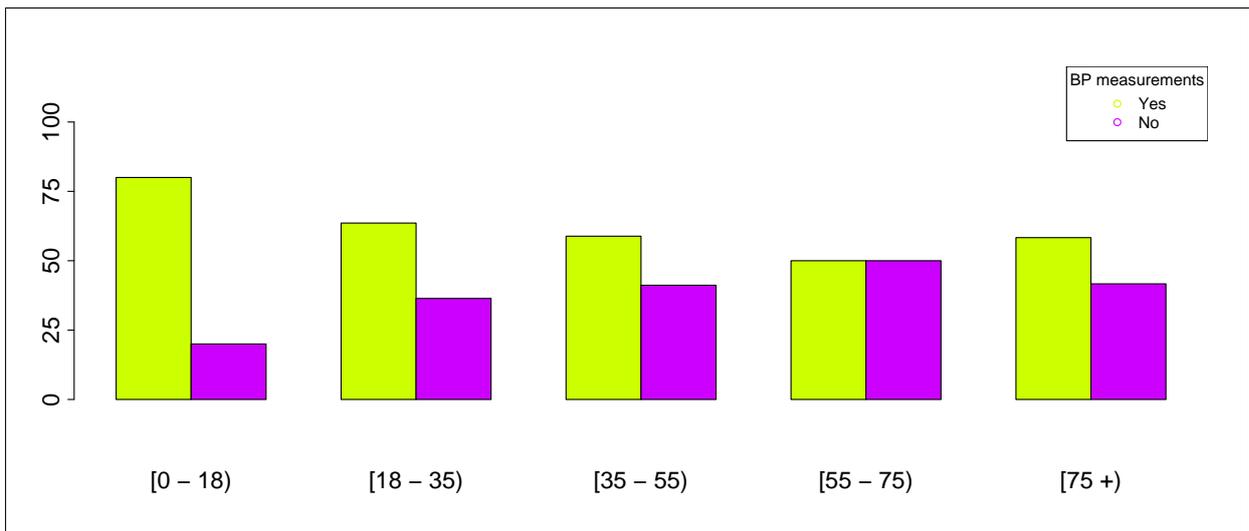
Barplot: 5.2.7.8 - BP measurements (by Gender, Type of Diabetes = Type 1)

5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months  
**Type of Diabetes = Type 1**

---



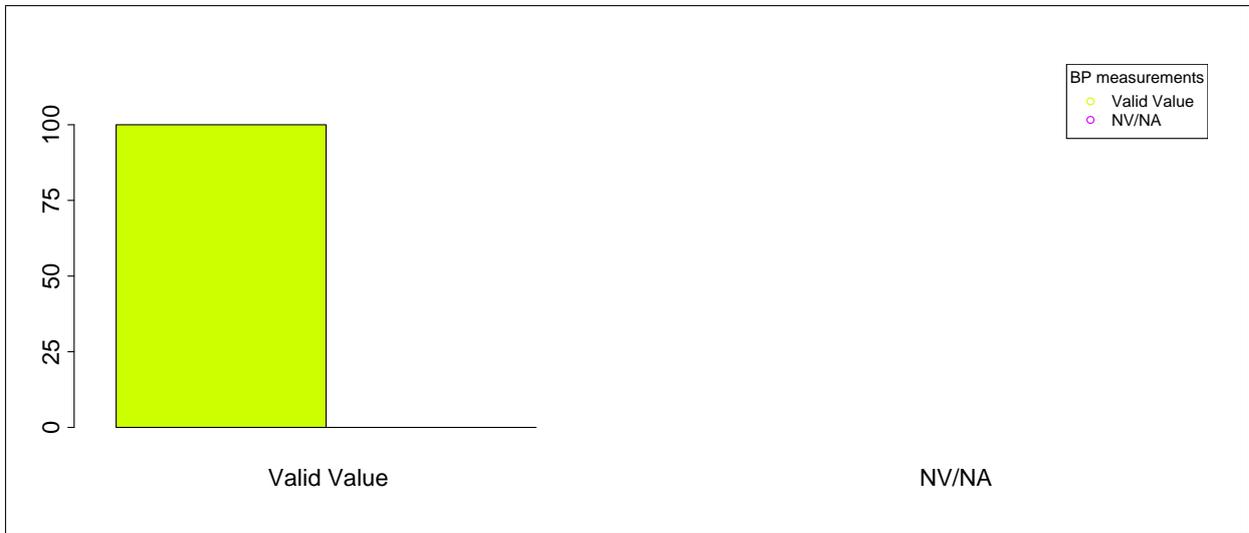
Barplot: 5.2.7.9 - Missing Data BP measurements (by Age, Type of Diabetes = Type 1)



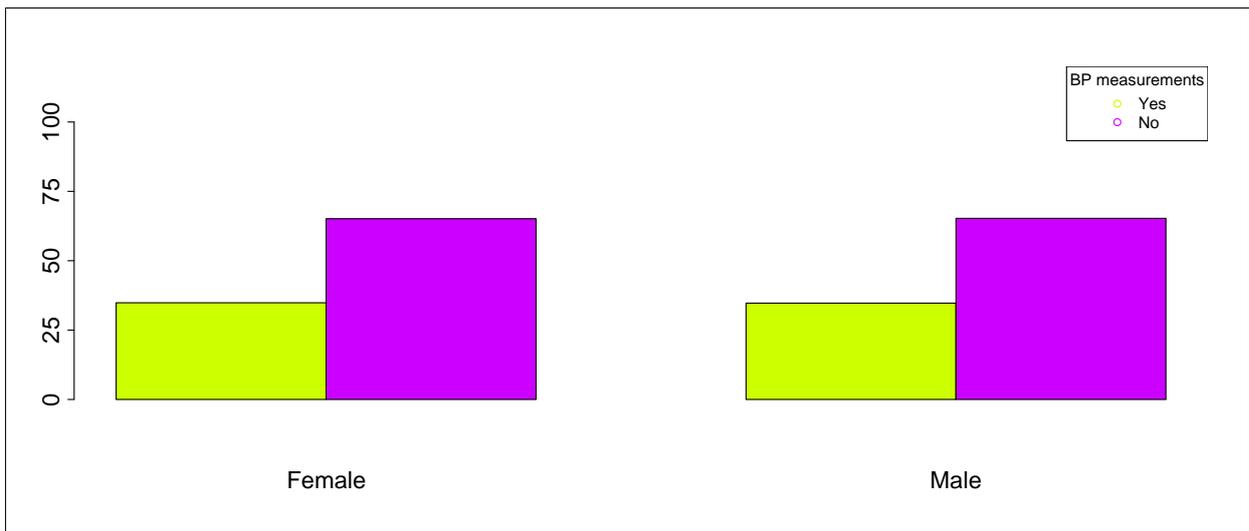
Barplot: 5.2.7.10 - BP measurements (by Age, Type of Diabetes = Type 1)

5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months  
**Type of Diabetes = Type 2**

---



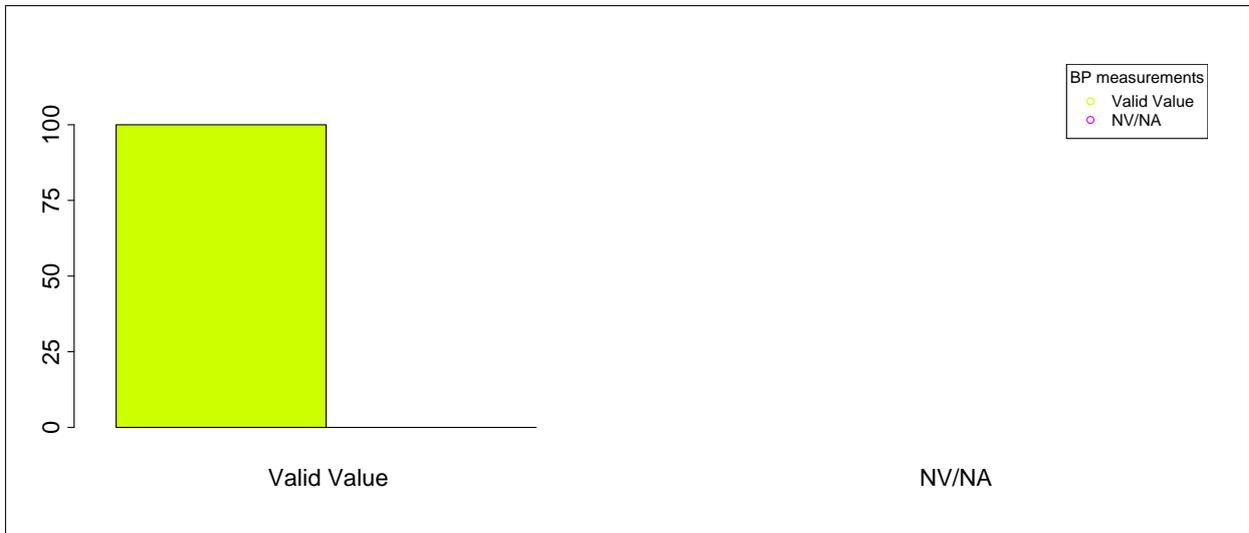
Barplot: 5.2.7.11 - Missing Data BP measurements (by Gender, Type of Diabetes = Type 2)



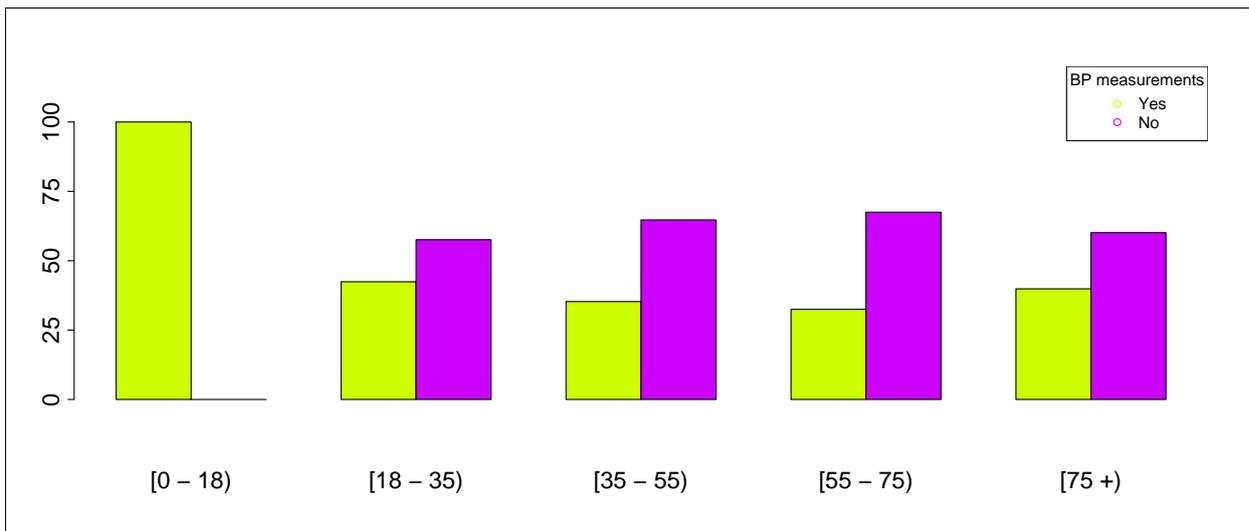
Barplot: 5.2.7.12 - BP measurements (by Gender, Type of Diabetes = Type 2)

5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months  
**Type of Diabetes = Type 2**

---



Barplot: 5.2.7.13 - Missing Data BP measurements (by Age, Type of Diabetes = Type 2)



Barplot: 5.2.7.14 - BP measurements (by Age, Type of Diabetes = Type 2)

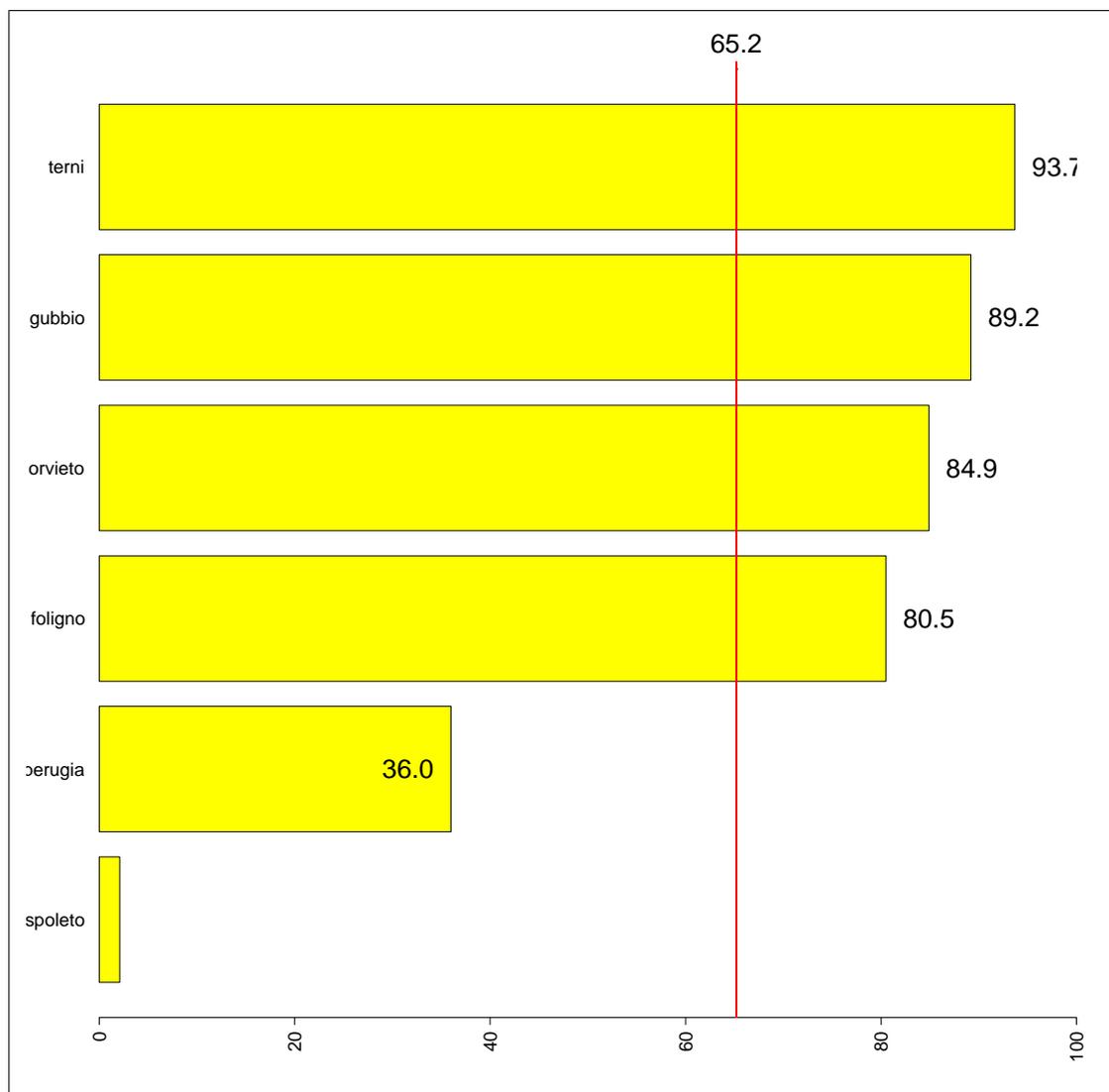
5.2.7 5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months  
**Type of Diabetes = Type 2**

	s	O	E	N	CR	AR	95% C.I.	[O-E]/E %	95% C.I. [O-E]/E
1	terni	2509	1747	2684	93.5	93.7	( 91.9; 95.5)	43.6	( 40.9; 46.4)
2	gubbio	941	688	1049	89.7	89.2	( 86.4; 92.1)	36.8	( 32.4; 41.1)
3	orvieto	1030	791	1205	85.5	84.9	( 82.3; 87.6)	30.2	( 26.2; 34.3)
4	foligno	242	196	300	80.7	80.5	( 75.2; 85.9)	23.5	( 15.3; 31.7)
5	perugia	939	1703	2609	36.0	36.0	( 34.1; 37.8)	-44.9	( -47.6;-42.1)
6	spoleto	18	555	860	2.1	2.1	( -1.1; 5.3)	-96.8	(-101.7;-91.8)
	T	5679		8707	65.2				

Standardized Estimates 5.2.7.15 - 5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months

5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months

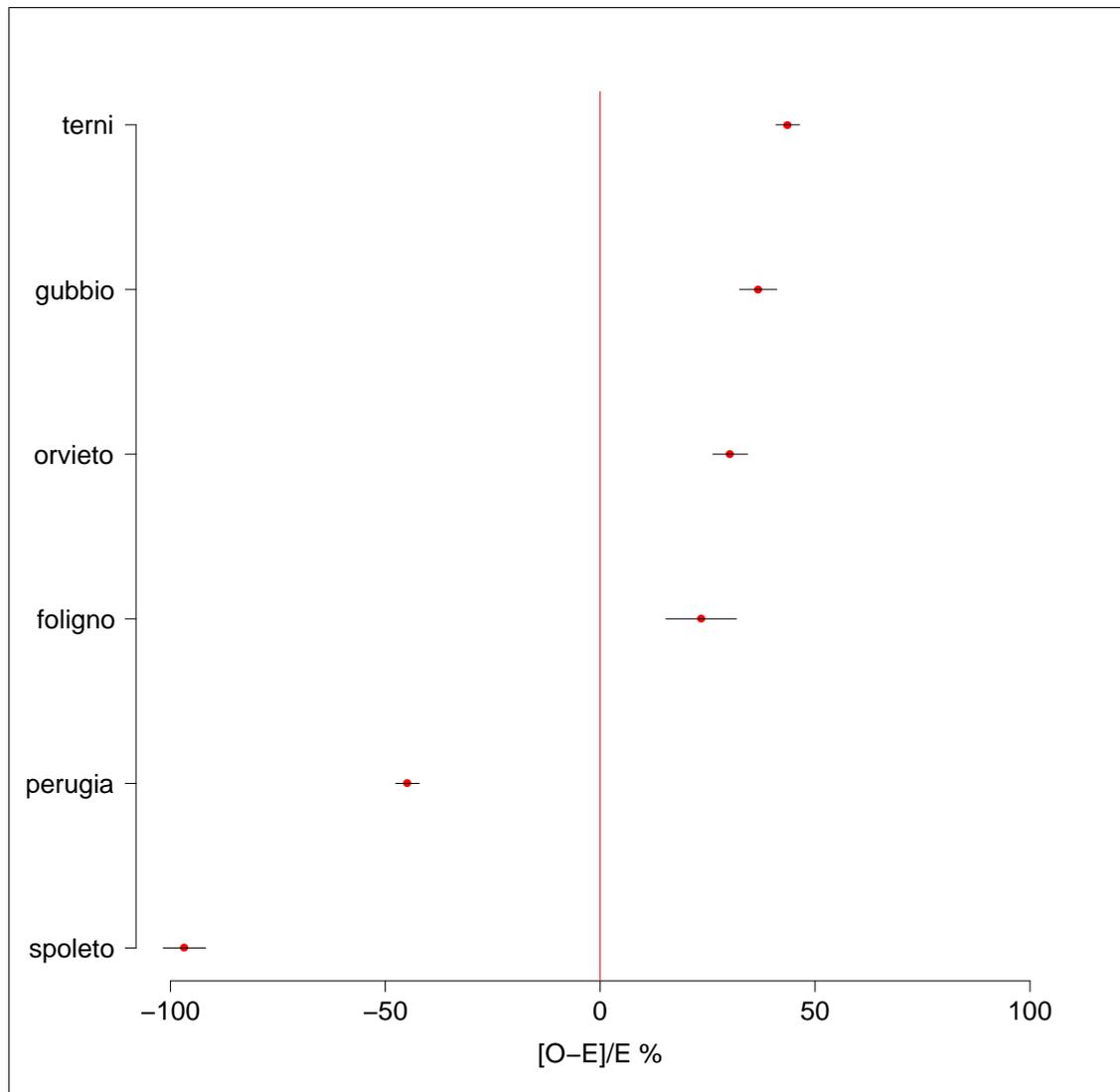
**Type of Diabetes = Type 2**



Barplots: 5.2.7.17 - Adjusted Rates 5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months

5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months  
**Type of Diabetes = Type 2**

---



Forest plots: 5.2.7.6 - 5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months

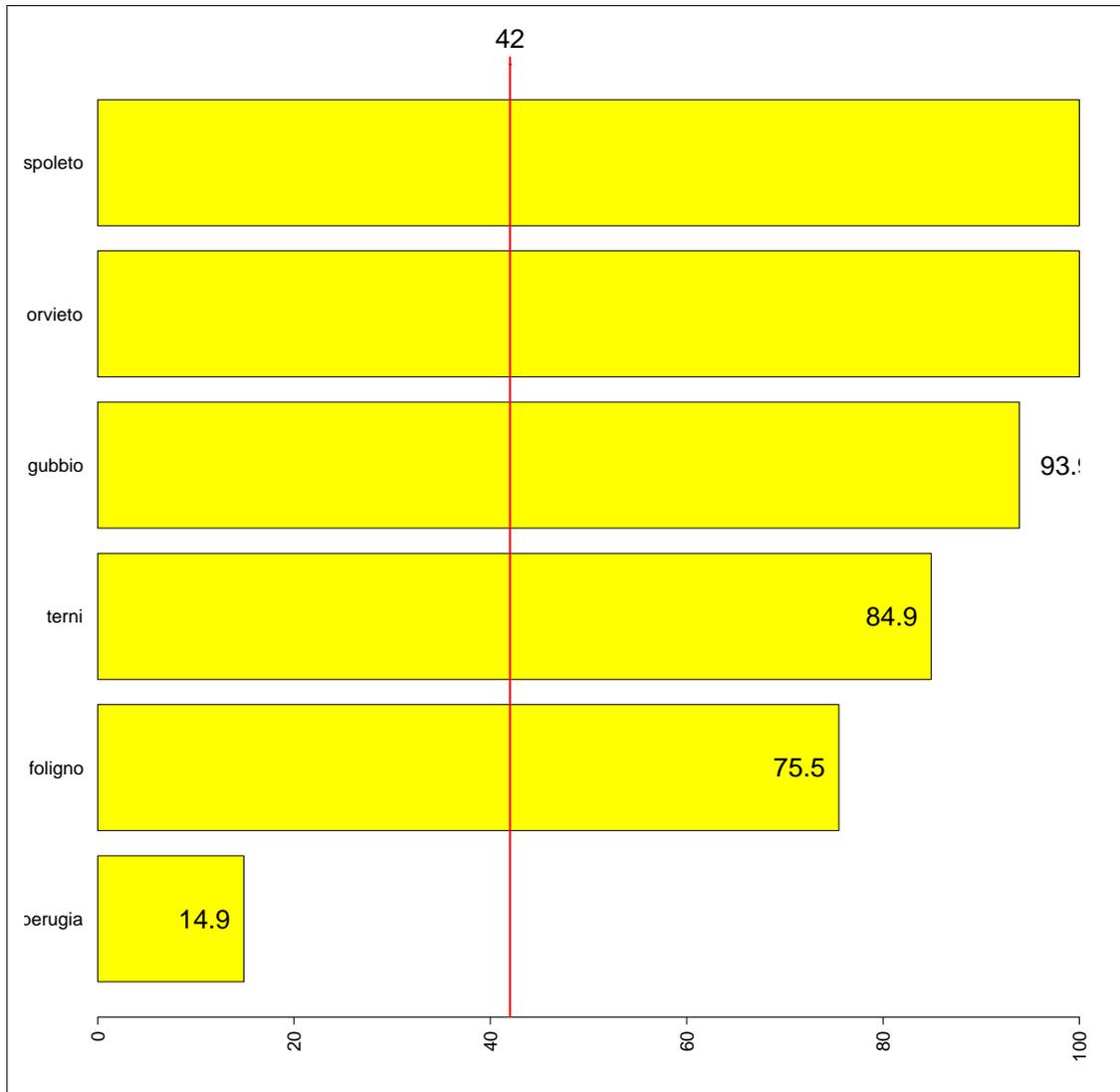
5.2.7 5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months  
**Type of Diabetes = Type 1**

s	O	E	N	CR	AR	95% C.I.	[O-E]/E %	95% C.I. [O-E]/E
1 orvieto	49	20	51	96.1	100.0	( 88.5;100.0)	145.0	(108.6;181.4)
2 spoletto	30	12	30	100.0	100.0	( 86.4;100.0)	150.0	(103.8;196.2)
3 gubbio	47	21	49	95.9	93.9	( 80.5;100.0)	123.8	( 92.6;155.1)
4 terni	83	41	98	84.7	84.9	( 75.2; 94.6)	102.4	( 79.2;125.7)
5 foligno	9	5	13	69.2	75.5	( 46.9;100.0)	80.0	( 5.7;154.3)
6 perugia	61	172	424	14.4	14.9	( 10.1; 19.6)	-64.5	(-76.3;-52.8)
T	279		665	42.0				

Standardized Estimates 5.2.7.16 - 5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months

5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months  
**Type of Diabetes = Type 1**

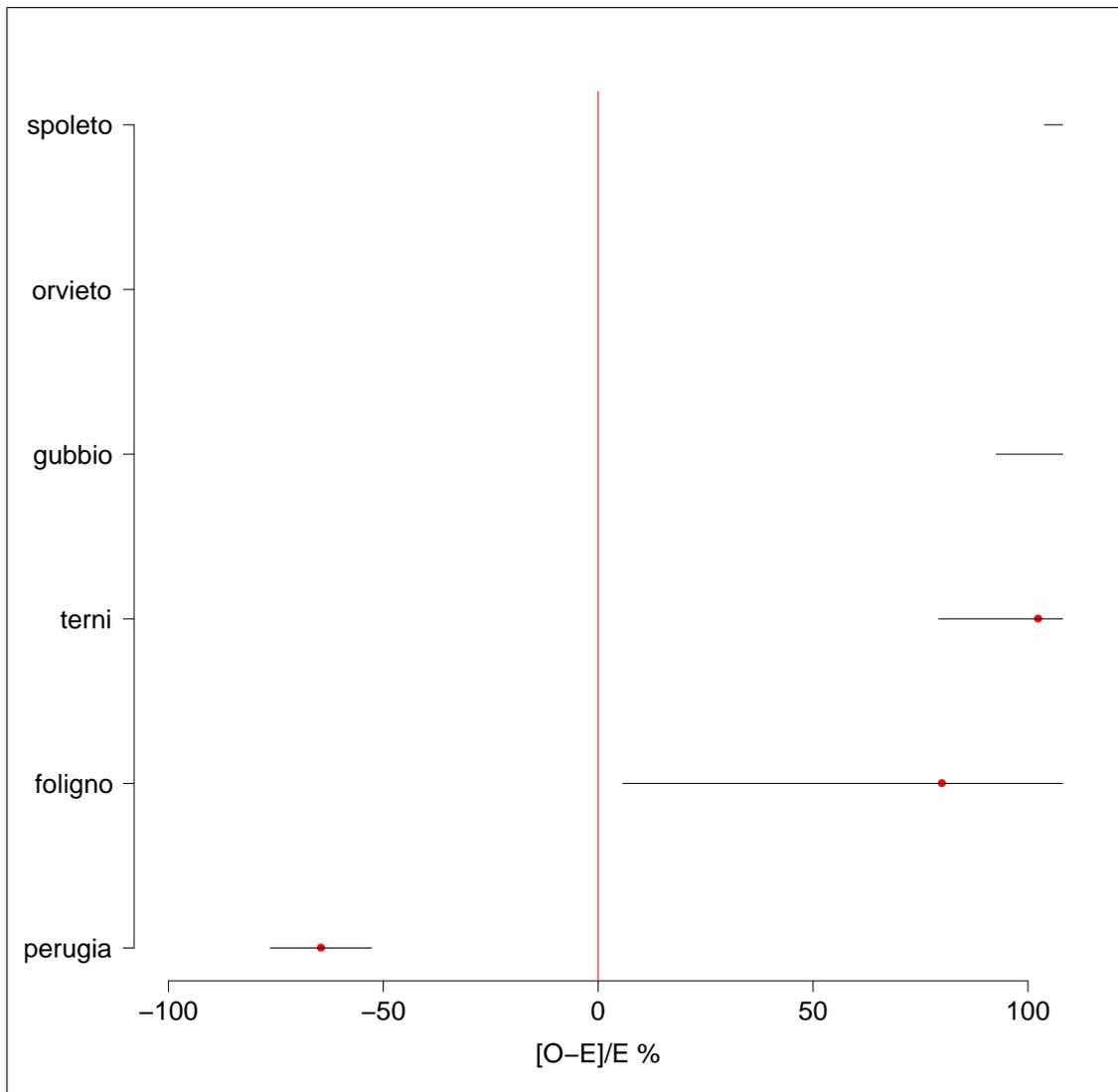
---



Barplots: 5.2.7.18 - Adjusted Rates 5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months

5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months  
**Type of Diabetes = Type 1**

---



Forest plots: 5.2.7.7 - 5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months

### 5.2.10 % of subjects treated with insulin

insulin	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9372 (100.0)	0( 0.0)		9372 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9372(100.0)	0( 0.0)		9372 (100.0)

Table 5.2.10.1: Missing Data insulin (by Type of Diabetes)

insulin	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )		
Treated	629 ( 94.6)	3309( 38.0)		3938 ( 42.0)
Not Treated	36 ( 5.4)	5398( 62.0)		5434 ( 58.0)
TOTAL	665( 7.1)	8707( 92.9)		9372 (100.0)

Table 5.2.10.2: insulin (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	809.5601	0	1

insulin	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9372 (100.0)	0( 0.0)		9372 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9372(100.0)	0( 0.0)		9372 (100.0)

Table 5.2.10.3: Missing Data insulin (by Gender)

insulin	Gender			N ( % )
	Male ( % )	Female ( % )		
Treated	2050 ( 40.5)	1888( 43.8)		3938 ( 42.0)
Not Treated	3007 ( 59.5)	2427( 56.2)		5434 ( 58.0)
TOTAL	5057( 54.0)	4315( 46.0)		9372 (100.0)

Table 5.2.10.4: insulin (by Gender)

	CMH Chi-Square	p.value	df
Value	9.7556	0.0018	1

5.2.10 % of subjects treated with insulin

insulin	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	9372 (100.0)	0( 0.0)		9372 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	9372(100.0)	0( 0.0)		9372 (100.0)

Table 5.2.10.5: Missing Data insulin (by Age)

insulin	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Treated	5 ( 83.3)	167 ( 85.6)	628 ( 48.3)	2109 ( 37.7)	1029( 45.3)	3938 ( 42.0)
Not Treated	1 ( 16.7)	28 ( 14.4)	672 ( 51.7)	3491 ( 62.3)	1242( 54.7)	5434 ( 58.0)
TOTAL	6( 0.1)	195( 2.1)	1300( 13.9)	5600( 59.8)	2271( 24.2)	9372 (100.0)

Table 5.2.10.6: insulin (by Age)

	CMH Chi-Square	p.value	df
Value	231.3705	0	4

5.2.10 % of subjects treated with insulin  
**Type of Diabetes = Type 1**

insulin	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 5.2.10.7: Missing Data insulin (by Gender, Type of Diabetes = Type 1)

insulin	Gender			N ( % )
	Male ( % )	Female ( % )		
Treated	339 ( 95.2)	290( 93.9)		629 ( 94.6)
Not Treated	17 ( 4.8)	19( 6.1)		36 ( 5.4)
TOTAL	356( 53.5)	309( 46.5)		665 (100.0)

Table 5.2.10.8: insulin (by Gender, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	0.3708	0.5426	1

5.2.10 % of subjects treated with insulin  
**Type of Diabetes = Type 1**

insulin	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	665 (100.0)	0( 0.0)		665 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 5.2.10.9: Missing Data insulin (by Age, Type of Diabetes = Type 1)

insulin	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Treated	5 (100.0)	153 ( 94.4)	312 ( 95.1)	149 ( 94.3)	10( 83.3)	629 ( 94.6)
Not Treated	0 ( 0.0)	9 ( 5.6)	16 ( 4.9)	9 ( 5.7)	2( 16.7)	36 ( 5.4)
TOTAL	5( 0.8)	162( 24.4)	328( 49.3)	158( 23.8)	12( 1.8)	665 (100.0)

Table 5.2.10.10: insulin (by Age, Type of Diabetes = Type 1)

CMH Chi-Square	
Value	One or more cells have 0 obs

5.2.10 % of subjects treated with insulin  
**Type of Diabetes = Type 2**

insulin	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 5.2.10.11: Missing Data insulin (by Gender, Type of Diabetes = Type 2)

insulin	Gender			N ( % )
	Male ( % )	Female ( % )		
Treated	1711 ( 36.4)	1598( 39.9)		3309 ( 38.0)
Not Treated	2990 ( 63.6)	2408( 60.1)		5398 ( 62.0)
TOTAL	4701( 54.0)	4006( 46.0)		8707 (100.0)

Table 5.2.10.12: insulin (by Gender, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	11.0569	9e - 04	1

5.2.10 % of subjects treated with insulin  
**Type of Diabetes = Type 2**

insulin	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8707 (100.0)	0( 0.0)		8707 (100.0)
NV/NA	0 ( 0.0)	0( 0.0)		0 ( 0.0)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

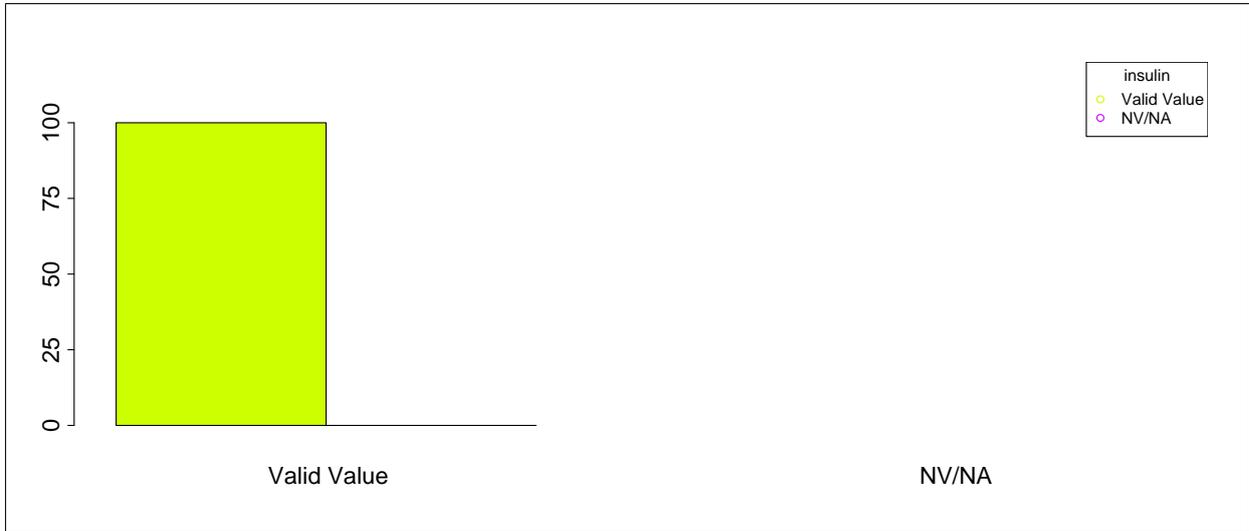
Table 5.2.10.13: Missing Data insulin (by Age, Type of Diabetes = Type 2)

insulin	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
Treated	0 ( 0.0)	14 ( 42.4)	316 ( 32.5)	1960 ( 36.0)	1019( 45.1)	3309 ( 38.0)
Not Treated	1 (100.0)	19 ( 57.6)	656 ( 67.5)	3482 ( 64.0)	1240( 54.9)	5398 ( 62.0)
TOTAL	1( 0.0)	33( 0.4)	972( 11.2)	5442( 62.5)	2259( 25.9)	8707 (100.0)

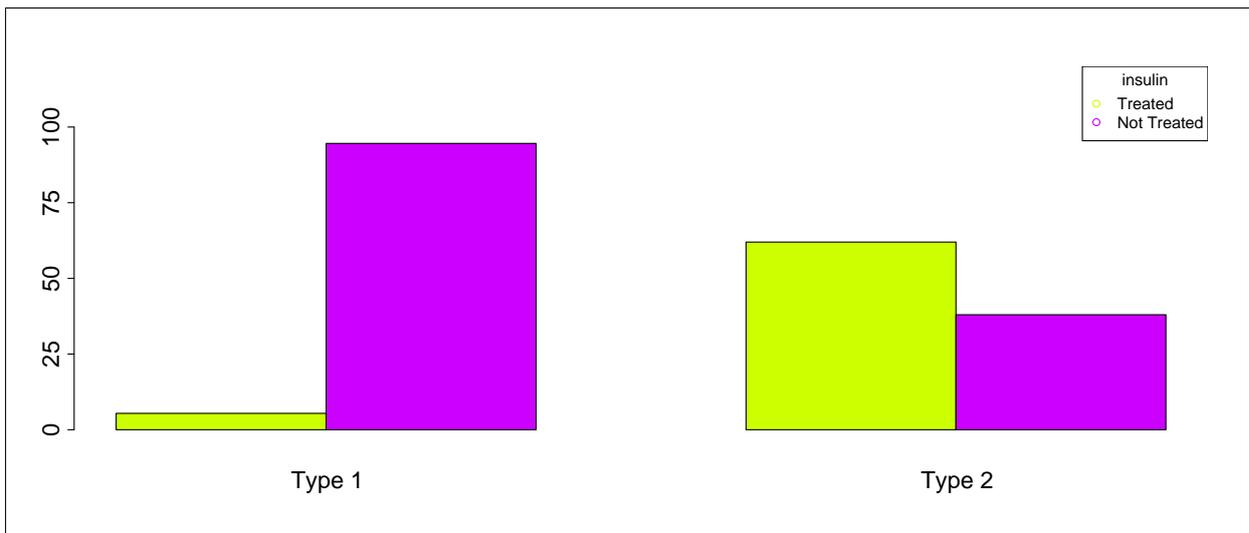
Table 5.2.10.14: insulin (by Age, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

5.2.10 % of subjects treated with insulin

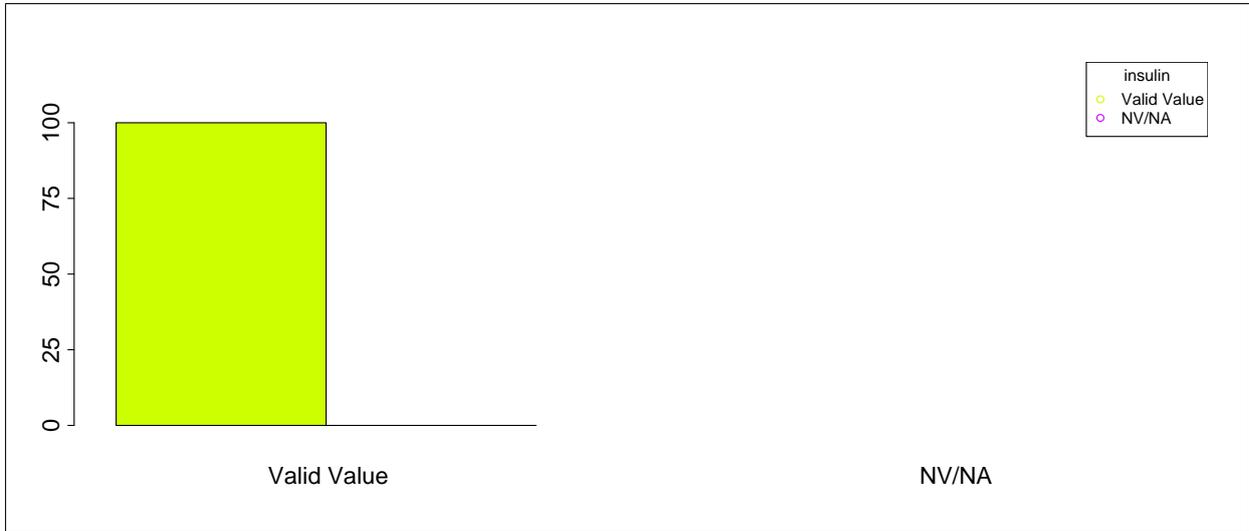


Barplot: 5.2.10.1 - Missing Data insulin (by Type of Diabetes)

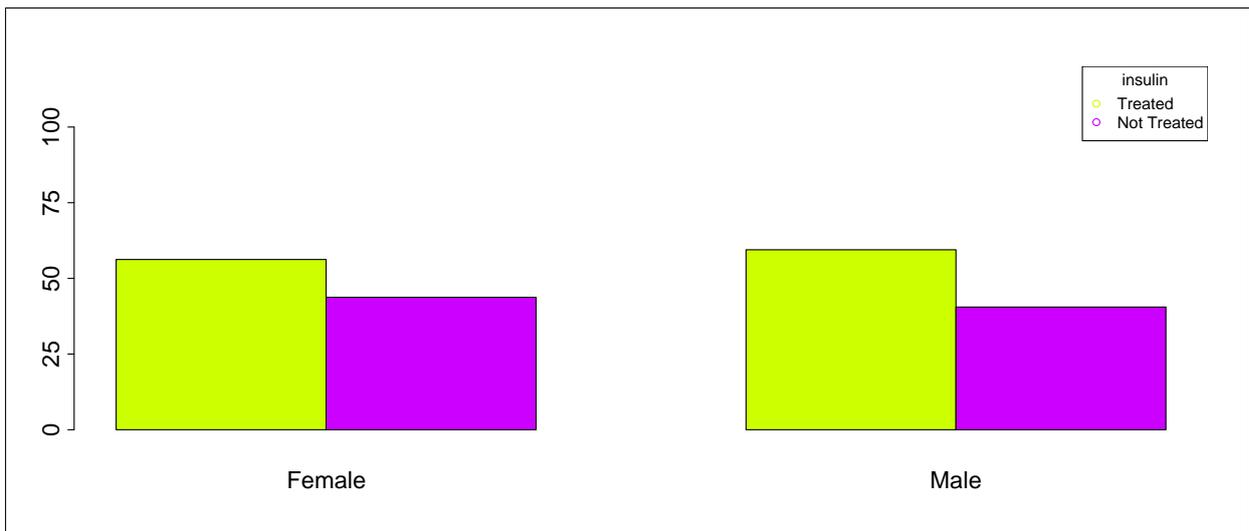


Barplot: 5.2.10.2 - insulin (by Type of Diabetes)

5.2.10 % of subjects treated with insulin

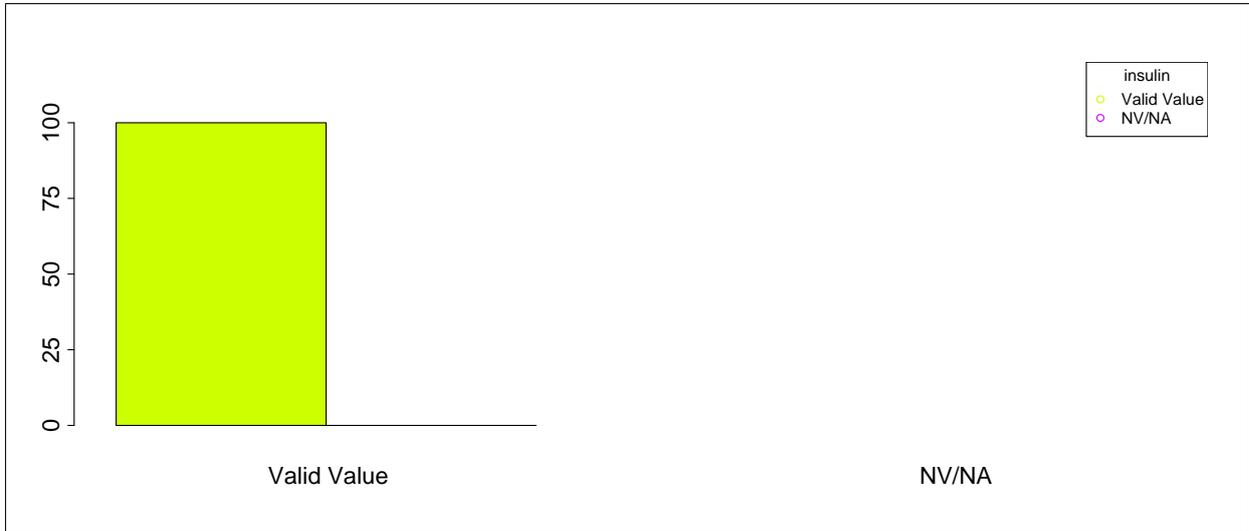


Barplot: 5.2.10.3 - Missing Data insulin (by Gender)

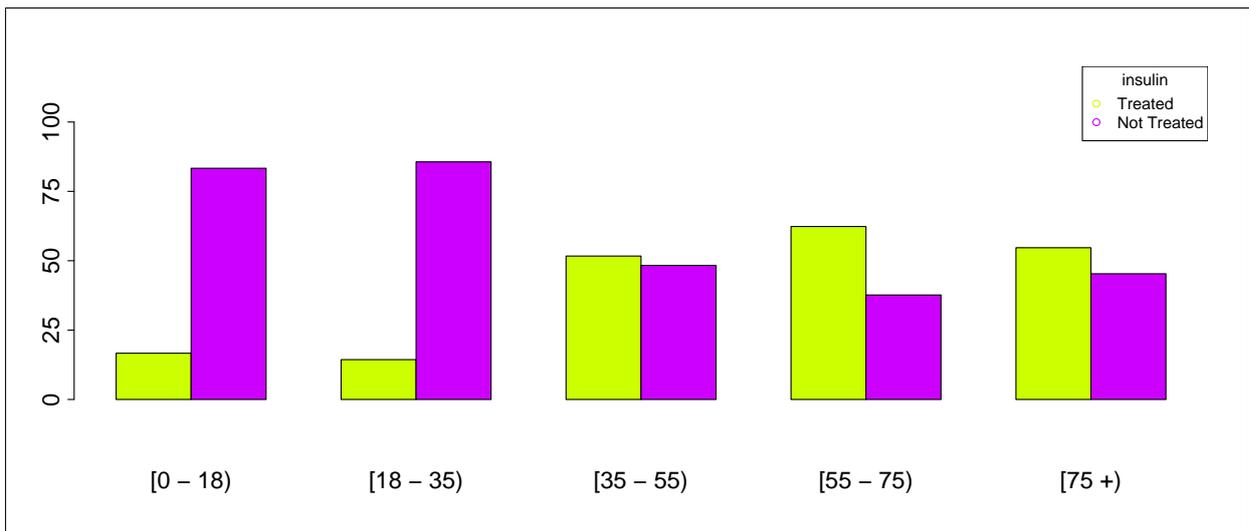


Barplot: 5.2.10.4 - insulin (by Gender)

5.2.10 % of subjects treated with insulin

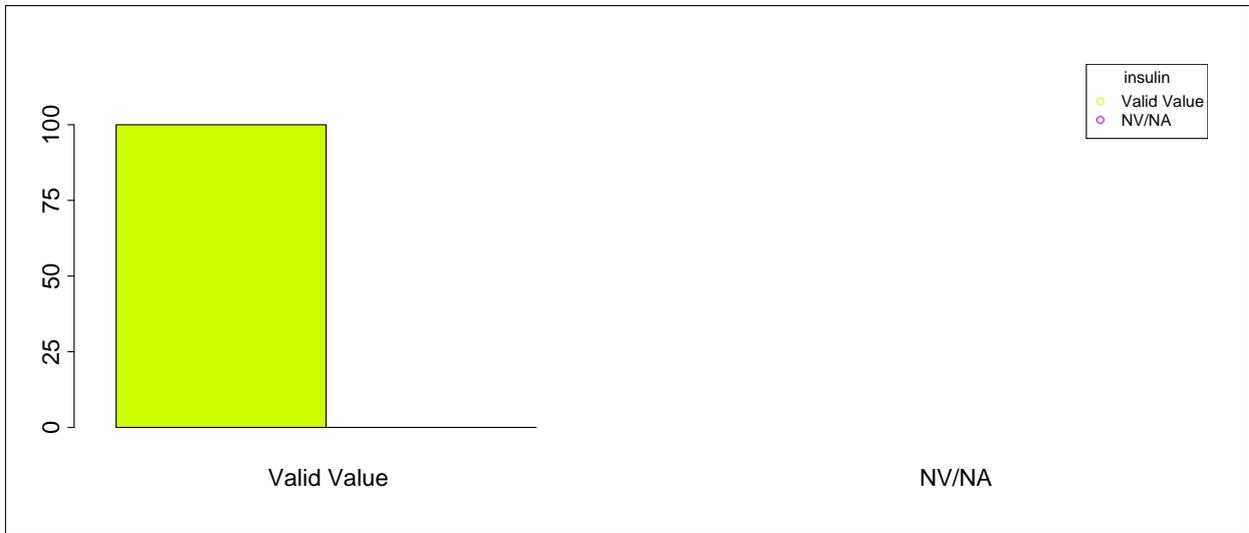


Barplot: 5.2.10.5 - Missing Data insulin (by Age)

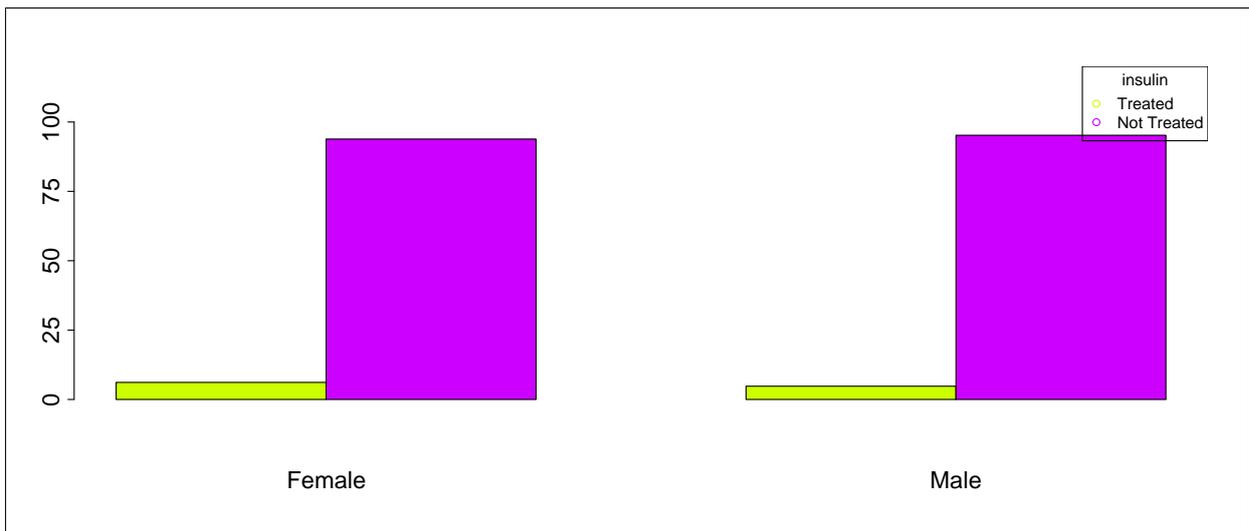


Barplot: 5.2.10.6 - insulin (by Age)

5.2.10 % of subjects treated with insulin  
Type of Diabetes = Type 1

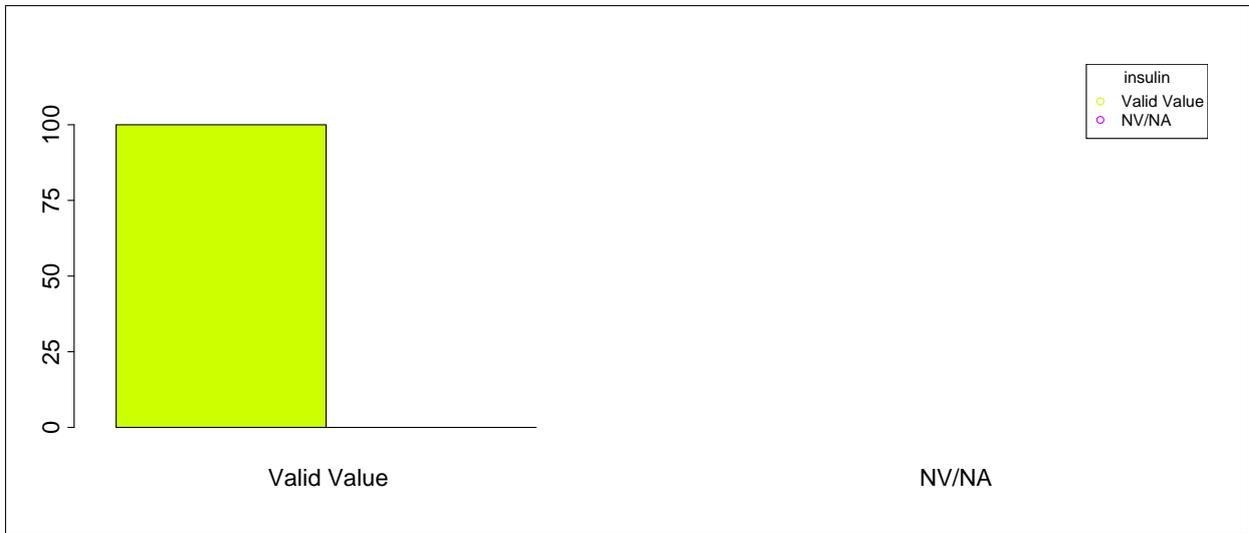


Barplot: 5.2.10.7 - Missing Data insulin (by Gender, Type of Diabetes = Type 1)

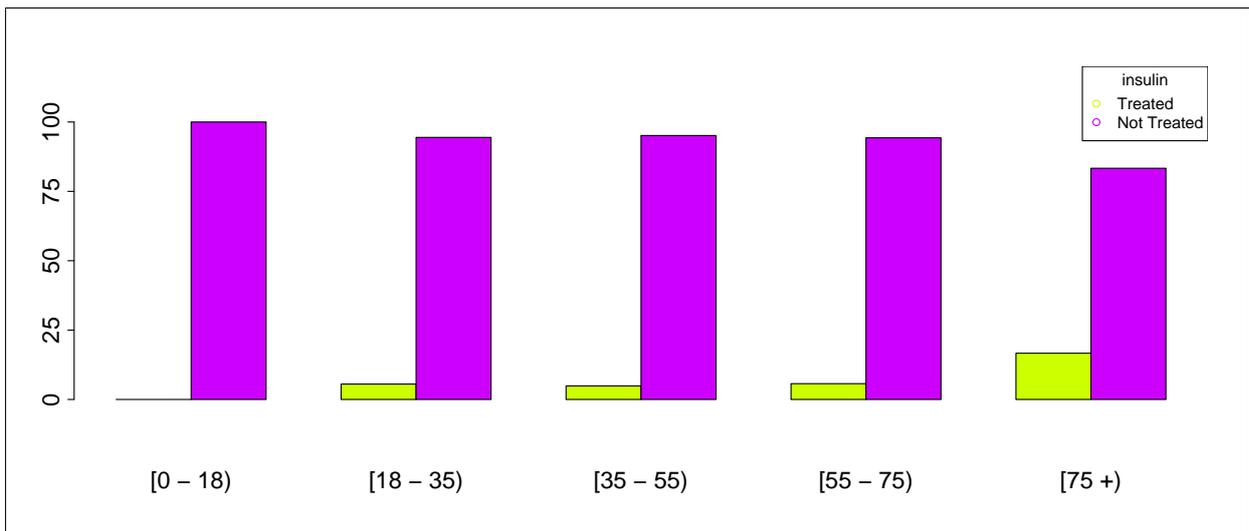


Barplot: 5.2.10.8 - insulin (by Gender, Type of Diabetes = Type 1)

5.2.10 % of subjects treated with insulin  
Type of Diabetes = Type 1



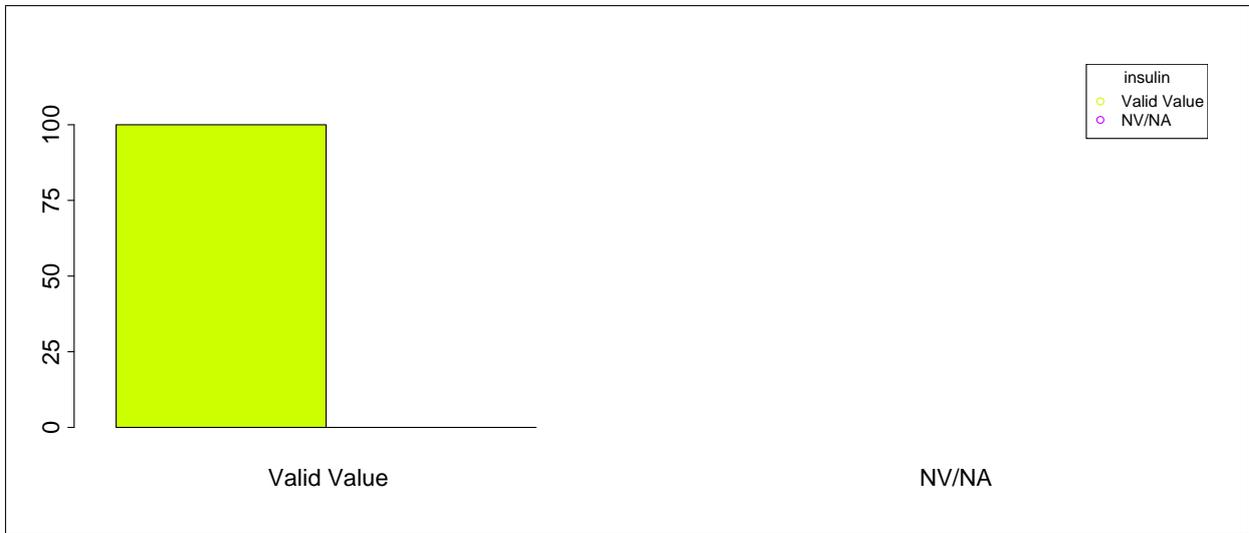
Barplot: 5.2.10.9 - Missing Data insulin (by Age, Type of Diabetes = Type 1)



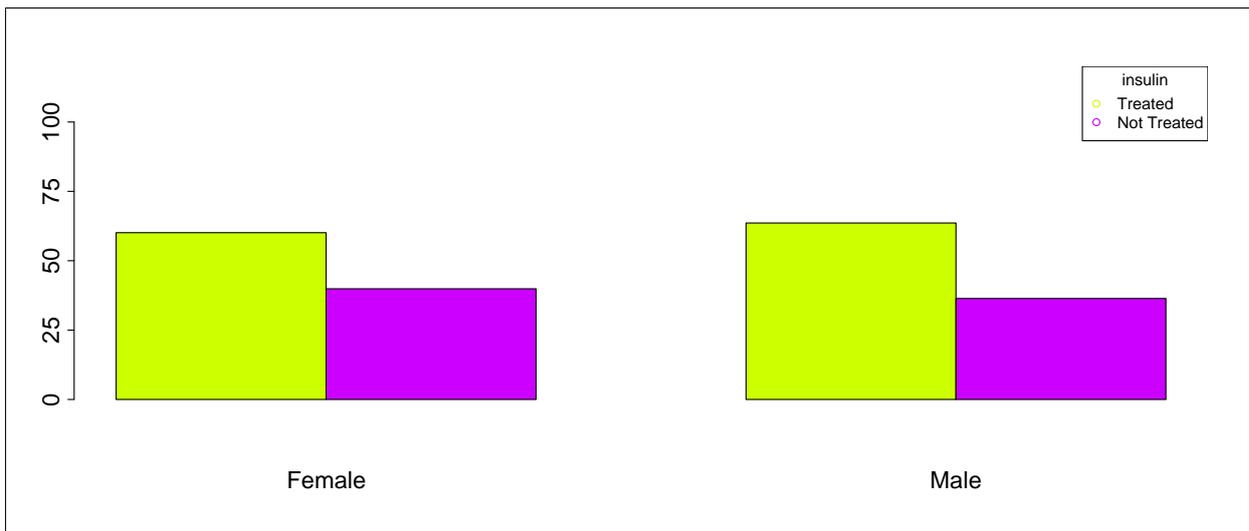
Barplot: 5.2.10.10 - insulin (by Age, Type of Diabetes = Type 1)

5.2.10 % of subjects treated with insulin  
Type of Diabetes = Type 2

---



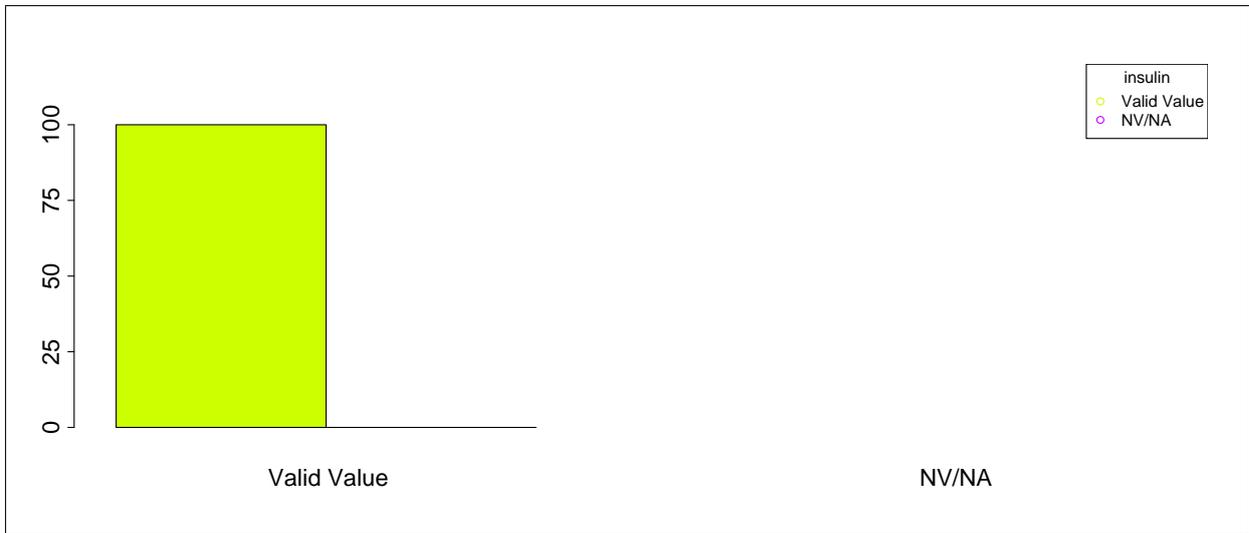
Barplot: 5.2.10.11 - Missing Data insulin (by Gender, Type of Diabetes = Type 2)



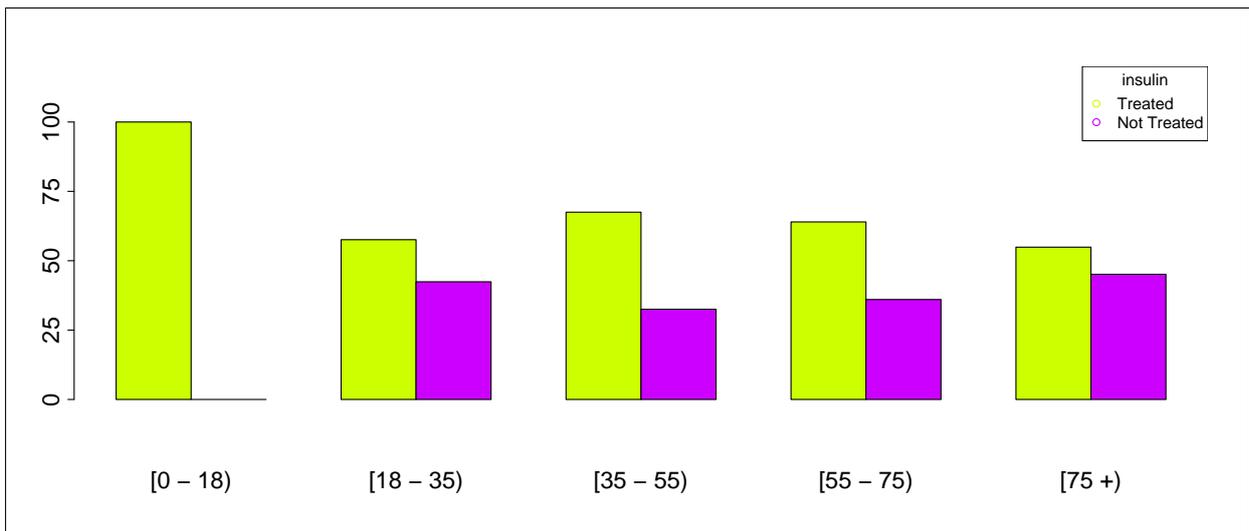
Barplot: 5.2.10.12 - insulin (by Gender, Type of Diabetes = Type 2)

5.2.10 % of subjects treated with insulin  
Type of Diabetes = Type 2

---



Barplot: 5.2.10.13 - Missing Data insulin (by Age, Type of Diabetes = Type 2)



Barplot: 5.2.10.14 - insulin (by Age, Type of Diabetes = Type 2)

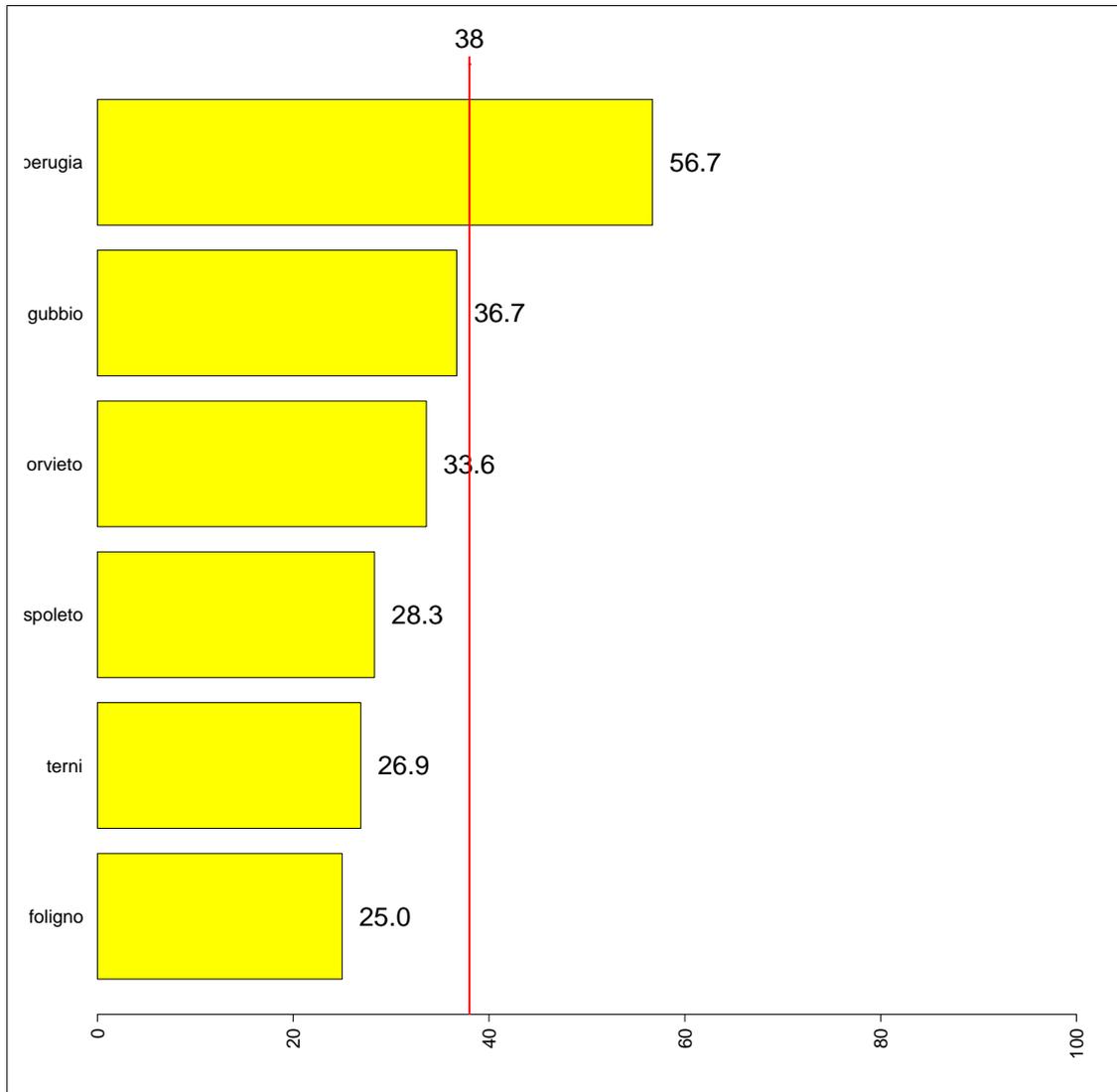
5.2.10 5.2.10 % of subjects treated with insulin  
**Type of Diabetes = Type 2**

	s	O	E	N	CR	AR	95% C.I.	[O-E]/E %	95% C.I. [O-E]/E
1	perugia	1481	992	2609	56.8	56.7	( 54.9; 58.6)	49.3	( 44.4; 54.2)
2	gubbio	380	393	1049	36.2	36.7	( 33.8; 39.7)	-3.3	(-11.2; 4.6)
3	orvieto	400	453	1205	33.2	33.6	( 30.8; 36.3)	-11.7	(-19.0; -4.4)
4	spoleto	247	332	860	28.7	28.3	( 25.1; 31.5)	-25.6	(-33.8;-17.4)
5	terni	726	1026	2684	27.0	26.9	( 25.1; 28.7)	-29.2	(-34.0;-24.5)
6	foligno	75	114	300	25.0	25.0	( 19.5; 30.5)	-34.2	(-48.6;-19.8)
	T	3309		8707	38.0				

Standardized Estimates 5.2.10.15 - 5.2.10 % of subjects treated with insulin

5.2.10 % of subjects treated with insulin  
**Type of Diabetes = Type 2**

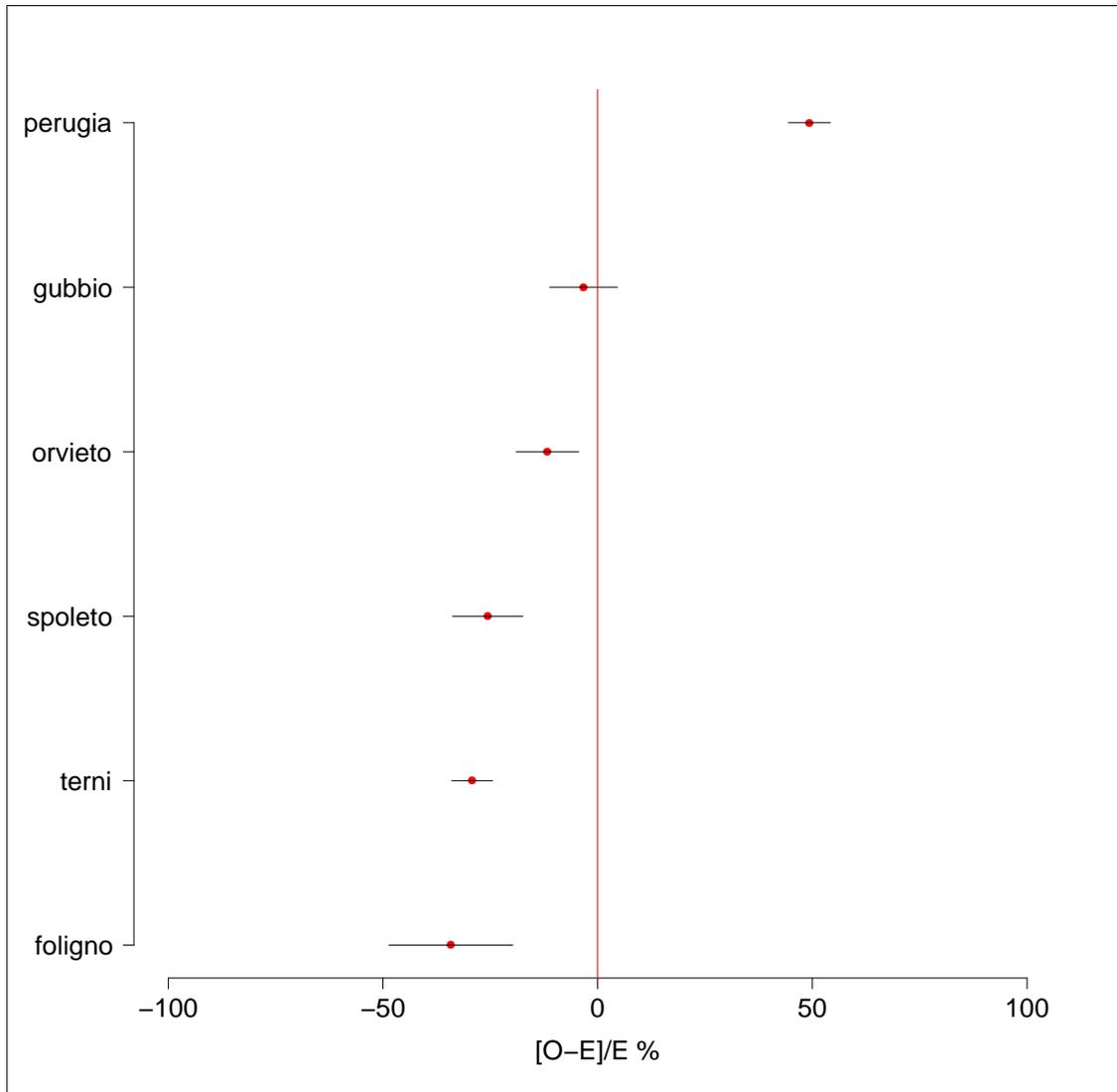
---



Barplots: 5.2.10.17 - Adjusted Rates 5.2.10 % of subjects treated with insulin

5.2.10 % of subjects treated with insulin  
**Type of Diabetes = Type 2**

---



Forest plots: 5.2.10.8 - 5.2.10 % of subjects treated with insulin

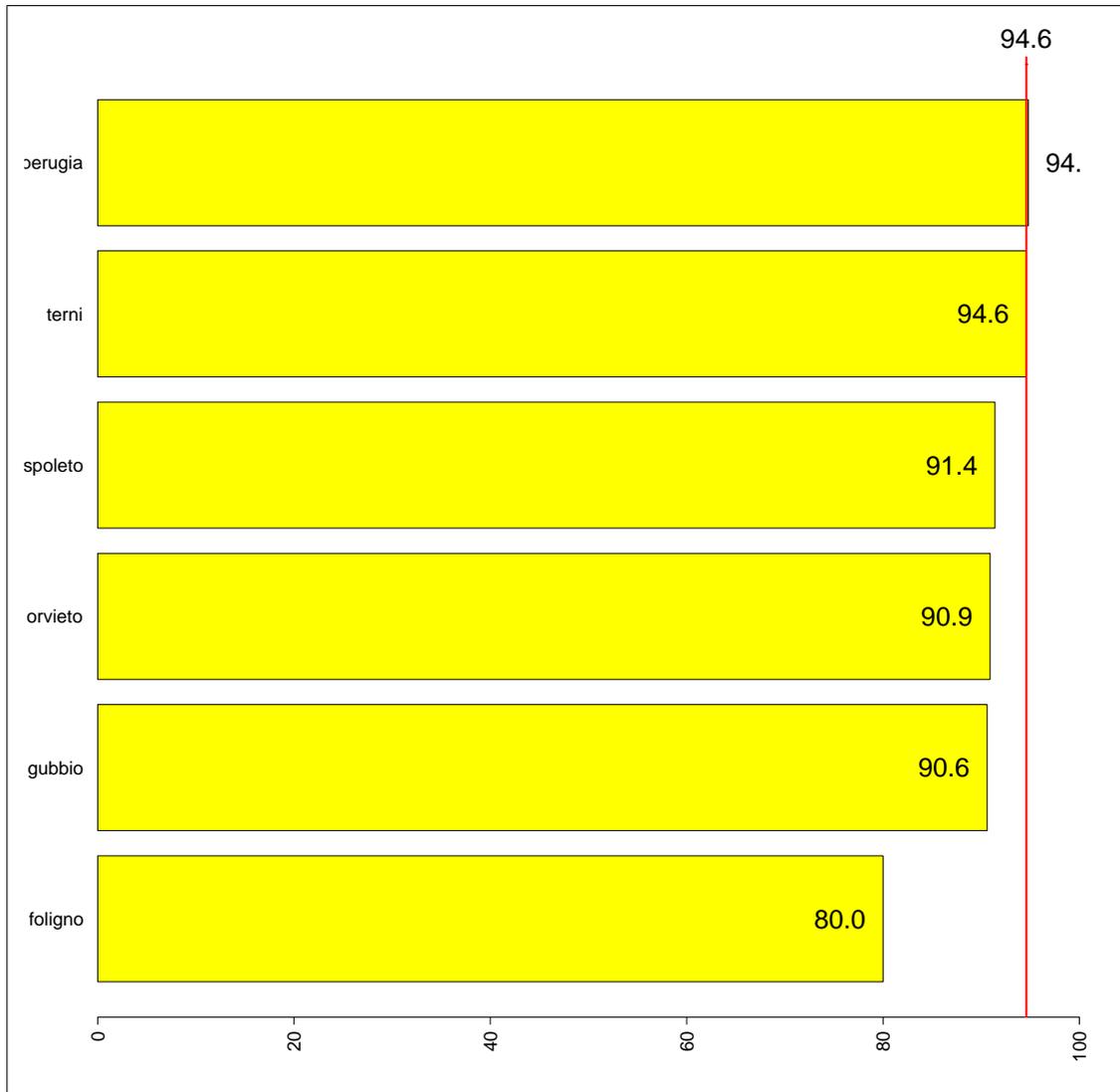
5.2.10 5.2.10 % of subjects treated with insulin  
**Type of Diabetes = Type 1**

s	O	E	N	CR	AR	95% C.I.	[O-E]/E %	95% C.I. [O-E]/E
1 perugia	402	401	424	94.8	94.8	( 92.8; 96.9)	0.2	( -1.9; 2.4 )
2 terni	93	93	98	94.9	94.6	( 90.2; 99.0)	0.0	( -4.7; 4.7 )
3 spoleto	29	30	30	96.7	91.4	( 83.1; 99.8)	-3.3	(-11.7; 5.0 )
4 orvieto	49	51	51	96.1	90.9	( 84.9; 96.8)	-3.9	( -9.9; 2.0 )
5 gubbio	45	47	49	91.8	90.6	( 84.2; 96.9)	-4.3	(-10.8; 2.3 )
6 foligno	11	13	13	84.6	80.0	( 69.6; 90.4)	-15.4	(-25.8;-5.0 )
T	629		665	94.6				

Standardized Estimates 5.2.10.16 - 5.2.10 % of subjects treated with insulin

5.2.10 % of subjects treated with insulin  
Type of Diabetes = Type 1

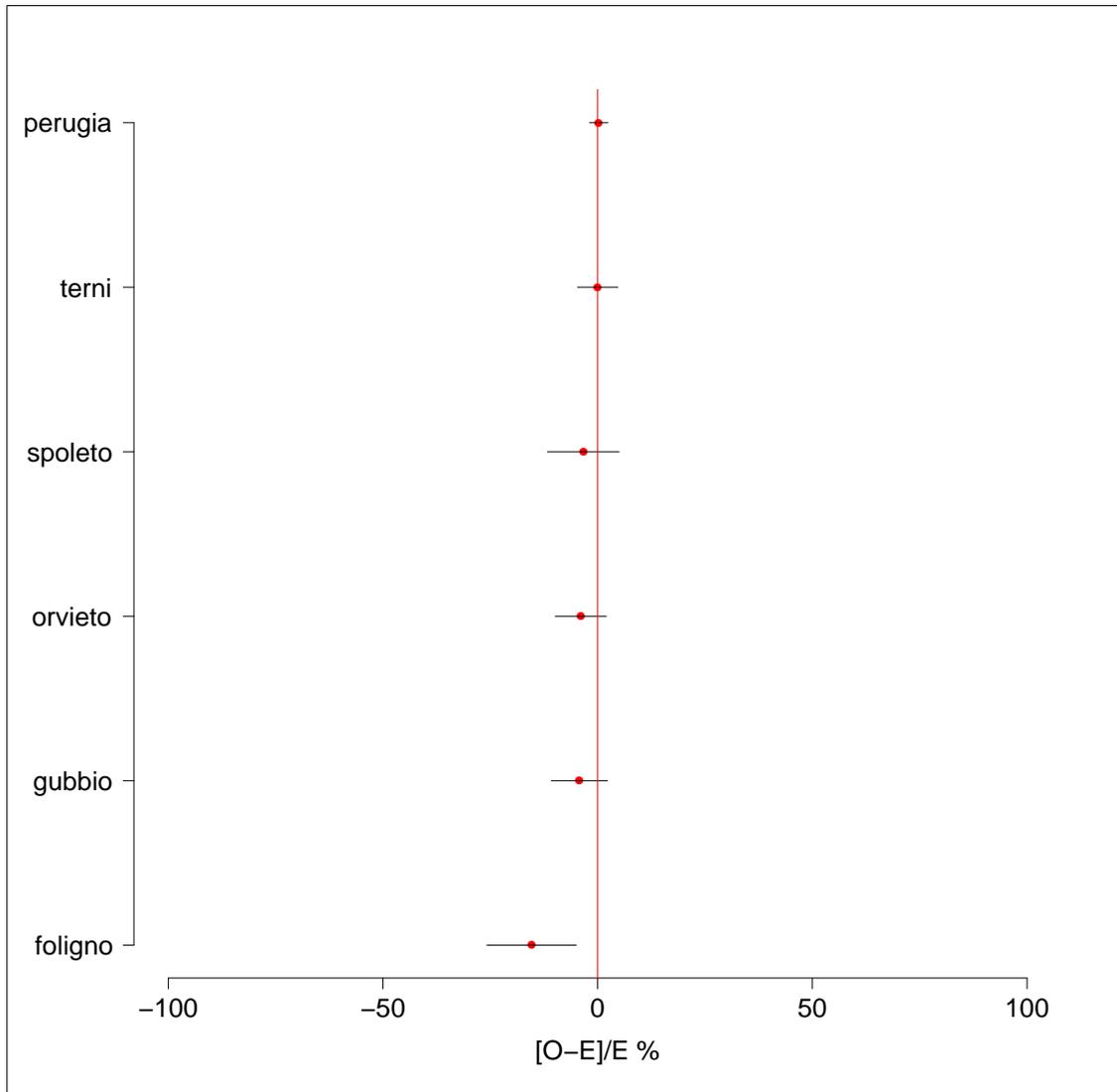
---



Barplots: 5.2.10.18 - Adjusted Rates 5.2.10 % of subjects treated with insulin

5.2.10 % of subjects treated with insulin  
**Type of Diabetes = Type 1**

---



Forest plots: 5.2.10.9 - 5.2.10 % of subjects treated with insulin

### 5.3. Outcome quality - intermediate outcomes

**5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)**

HbA1c	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8797 ( 93.9)	0( 0.0)		8797 ( 93.9)
NV/NA	575 ( 6.1)	0( 0.0)		575 ( 6.1)
<b>TOTAL</b>	<b>9372(100.0)</b>	<b>0( 0.0)</b>		<b>9372 (100.0)</b>

Table 5.3.1.1: Missing Data HbA1c (by Type of Diabetes)

HbA1c	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )		
(0 - 9]	545 ( 87.8)	7558( 92.4)		8103 ( 92.1)
(9 + )	76 ( 12.2)	618( 7.6)		694 ( 7.9)
<b>TOTAL</b>	<b>621( 7.1)</b>	<b>8176( 92.9)</b>		<b>8797 (100.0)</b>

Table 5.3.1.2: HbA1c (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	16.7553	0	1

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

HbA1c	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8797 ( 93.9)	0( 0.0)		8797 ( 93.9)
NV/NA	575 ( 6.1)	0( 0.0)		575 ( 6.1)
TOTAL	9372(100.0)	0( 0.0)		9372 (100.0)

Table 5.3.1.3: Missing Data HbA1c (by Gender)

HbA1c	Gender			N ( % )
	Male ( % )	Female ( % )		
(0 - 9]	4438 ( 93.1)	3665( 91.0)		8103 ( 92.1)
(9 + )	331 ( 6.9)	363( 9.0)		694 ( 7.9)
TOTAL	4769( 54.2)	4028( 45.8)		8797 (100.0)

Table 5.3.1.4: HbA1c (by Gender)

	CMH Chi-Square	p.value	df
Value	12.6084	4e - 04	1

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

HbA1c	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8797 ( 93.9)	0( 0.0)		8797 ( 93.9)
NV/NA	575 ( 6.1)	0( 0.0)		575 ( 6.1)
TOTAL	9372(100.0)	0( 0.0)		9372 (100.0)

Table 5.3.1.5: Missing Data HbA1c (by Age)

HbA1c	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
(0 - 9]	4 ( 80.0)	149 ( 83.7)	1045 ( 88.0)	4904 ( 92.6)	2001( 93.9)	8103 ( 92.1)
(9 + )	1 ( 20.0)	29 ( 16.3)	142 ( 12.0)	391 ( 7.4)	131( 6.1)	694 ( 7.9)
TOTAL	5( 0.1)	178( 2.0)	1187( 13.5)	5295( 60.2)	2132( 24.2)	8797 (100.0)

Table 5.3.1.6: HbA1c (by Age)

	CMH Chi-Square	p.value	df
Value	56.2019	0	4

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

**Type of Diabetes = Type 1**

HbA1c	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	621 ( 93.4)	0( 0.0)		621 ( 93.4)
NV/NA	44 ( 6.6)	0( 0.0)		44 ( 6.6)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 5.3.1.7: Missing Data HbA1c (by Gender, Type of Diabetes = Type 1)

HbA1c	Gender			N ( % )
	Male ( % )	Female ( % )		
(0 - 9]	299 ( 88.5)	246( 86.9)		545 ( 87.8)
(9 + )	39 ( 11.5)	37( 13.1)		76 ( 12.2)
TOTAL	338( 54.4)	283( 45.6)		621 (100.0)

Table 5.3.1.8: HbA1c (by Gender, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	0.2104	0.6465	1

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)  
**Type of Diabetes = Type 1**

HbA1c	Age		N ( % )
	Valid Value ( % )	NV/NA ( % )	
Valid Value	621 ( 93.4)	0( 0.0)	621 ( 93.4)
NV/NA	44 ( 6.6)	0( 0.0)	44 ( 6.6)
TOTAL	665(100.0)	0( 0.0)	665 (100.0)

Table 5.3.1.9: Missing Data HbA1c (by Age, Type of Diabetes = Type 1)

HbA1c	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
(0 - 9]	4 ( 80.0)	124 ( 83.8)	271 ( 88.6)	135 ( 89.4)	11(100.0)	545 ( 87.8)
(9 + )	1 ( 20.0)	24 ( 16.2)	35 ( 11.4)	16 ( 10.6)	0( 0.0)	76 ( 12.2)
TOTAL	5( 0.8)	148( 23.8)	306( 49.3)	151( 24.3)	11( 1.8)	621 (100.0)

Table 5.3.1.10: HbA1c (by Age, Type of Diabetes = Type 1)

CMH Chi-Square	
Value	One or more cells have 0 obs

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

**Type of Diabetes = Type 1**

HbA1c	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	44( 6.6)	44 ( 6.6)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	621( 93.4)	621 ( 93.4)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	665(100.0)	665 (100.0)

Table 5.3.1.11: Missing Data HbA1c (by Gender \* Age, Type of Diabetes = Type 1)

HbA1c	Gender * Age										
	0 - 18)		18 - 35)		35 - 55)		55 - 75)		75+)		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
9 +	2 ( 66.7)	2 (100.0)	59 ( 83.1)	65 ( 84.4)	118 ( 89.4)	153 ( 87.9)	61 ( 85.9)	74 ( 92.5)	6 (100.0)	5(100.0)	545 ( 87.8)
0 - 9]	1 ( 33.3)	0 ( 0.0)	12 ( 16.9)	12 ( 15.6)	14 ( 10.6)	21 ( 12.1)	10 ( 14.1)	6 ( 7.5)	0 ( 0.0)	0( 0.0)	76 ( 12.2)
TOTAL	3( 0.5)	2( 0.3)	71( 11.4)	77( 12.4)	132( 21.3)	174( 28.0)	71( 11.4)	80( 12.9)	6( 1.0)	5( 0.8)	621 (100.0)

Table 5.3.1.12: HbA1c (by Gender \* Age, Type of Diabetes = Type 1)

=====  
 CMH Chi-Square  
 =====  
 Value    One or more cells have 0 obs  
 =====

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)  
**Type of Diabetes = Type 2**

HbA1c	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8176 ( 93.9)	0( 0.0)		8176 ( 93.9)
NV/NA	531 ( 6.1)	0( 0.0)		531 ( 6.1)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 5.3.1.13: Missing Data HbA1c (by Gender, Type of Diabetes = Type 2)

HbA1c	Gender			N ( % )
	Male ( % )	Female ( % )		
(0 - 9]	4139 ( 93.4)	3419( 91.3)		7558 ( 92.4)
(9 + )	292 ( 6.6)	326( 8.7)		618 ( 7.6)
TOTAL	4431( 54.2)	3745( 45.8)		8176 (100.0)

Table 5.3.1.14: HbA1c (by Gender, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	12.6924	4e - 04	1

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

**Type of Diabetes = Type 2**

HbA1c	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8176 ( 93.9)	0( 0.0)		8176 ( 93.9)
NV/NA	531 ( 6.1)	0( 0.0)		531 ( 6.1)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 5.3.1.15: Missing Data HbA1c (by Age, Type of Diabetes = Type 2)

HbA1c	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
(0 - 9]	0 ( 0.0)	25 ( 83.3)	774 ( 87.9)	4769 ( 92.7)	1990( 93.8)	7558 ( 92.4)
(9 + )	0 ( 0.0)	5 ( 16.7)	107 ( 12.1)	375 ( 7.3)	131( 6.2)	618 ( 7.6)
TOTAL	0( 0.0)	30( 0.4)	881( 10.8)	5144( 62.9)	2121( 25.9)	8176 (100.0)

Table 5.3.1.16: HbA1c (by Age, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

**Type of Diabetes = Type 2**

HbA1c	Gender * Age				
	Valid Value		NV/NA		
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	531( 6.1)	531 ( 6.1)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	8176( 93.9)	8176 ( 93.9)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	8707(100.0)	8707 (100.0)

Table 5.3.1.17: Missing Data HbA1c (by Gender \* Age, Type of Diabetes = Type 2)

HbA1c	Gender * Age										
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
9 +	0 ( 0.0)	0 ( 0.0)	16 ( 94.1)	9 ( 69.2)	298 ( 87.9)	476 ( 87.8)	2034 ( 91.2)	2735 ( 93.9)	1071 ( 92.4)	919( 95.5)	7558 ( 92.4)
0 - 9]	0 ( 0.0)	0 ( 0.0)	1 ( 5.9)	4 ( 30.8)	41 ( 12.1)	66 ( 12.2)	196 ( 8.8)	179 ( 6.1)	88 ( 7.6)	43( 4.5)	618 ( 7.6)
TOTAL	0( 0.0)	0( 0.0)	17( 0.2)	13( 0.2)	339( 4.1)	542( 6.6)	2230( 27.3)	2914( 35.6)	1159( 14.2)	962( 11.8)	8176 (100.0)

Table 5.3.1.18: HbA1c (by Gender \* Age, Type of Diabetes = Type 2)

---



---

**CMH Chi-Square**

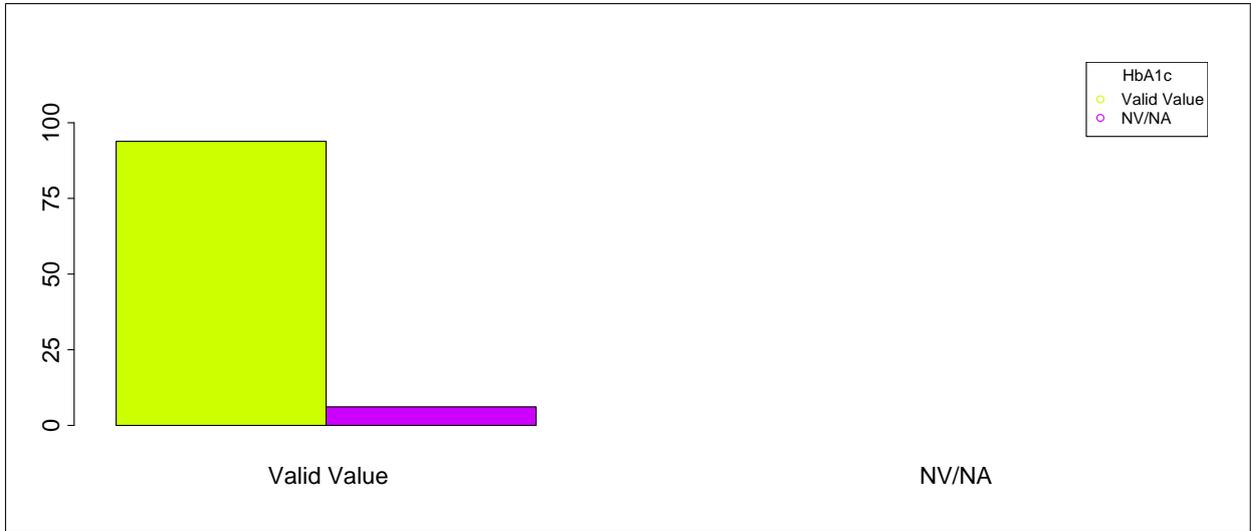

---



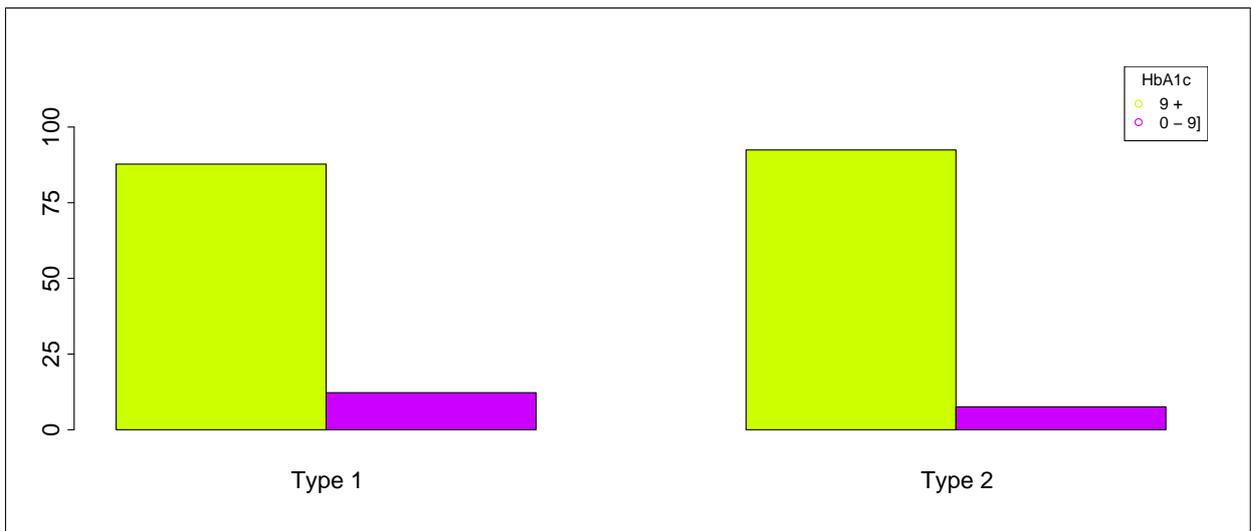
---

Value    One or more cells have 0 obs

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

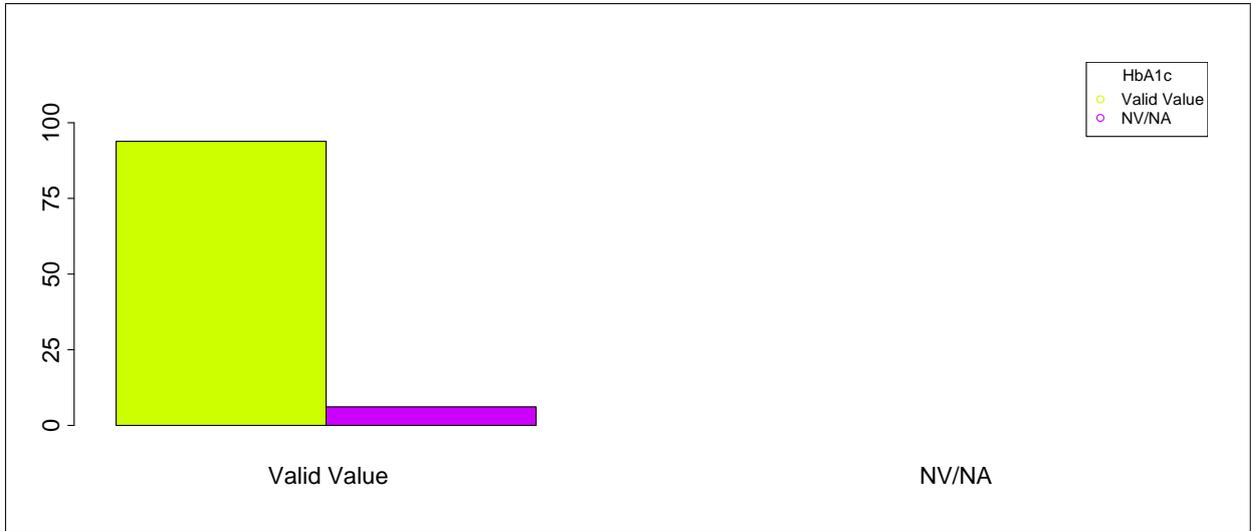


Barplot: 5.3.1.1 - Missing Data HbA1c (by Type of Diabetes)

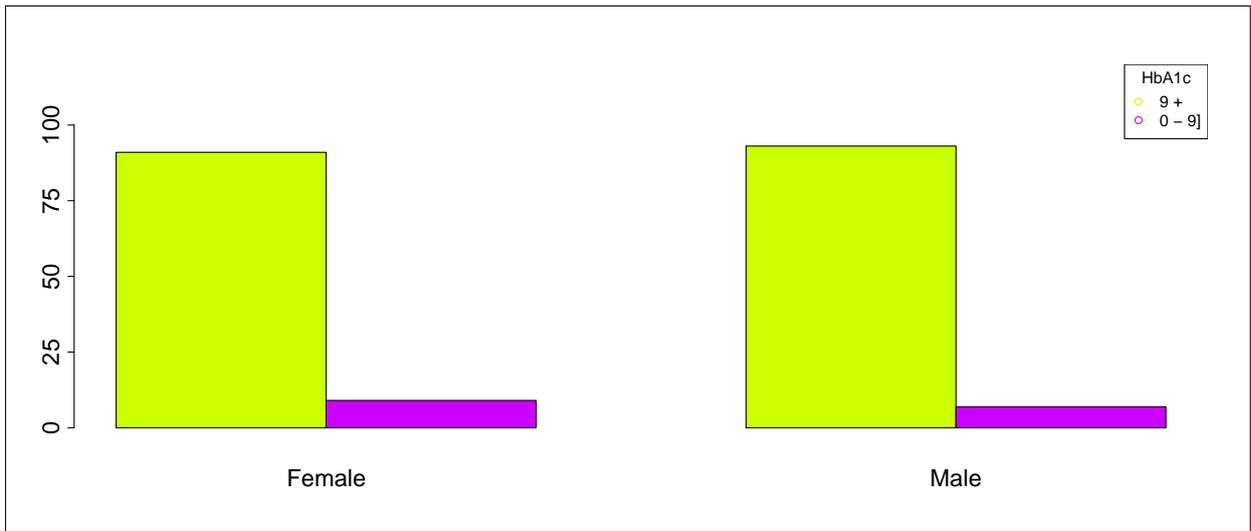


Barplot: 5.3.1.2 - HbA1c (by Type of Diabetes)

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

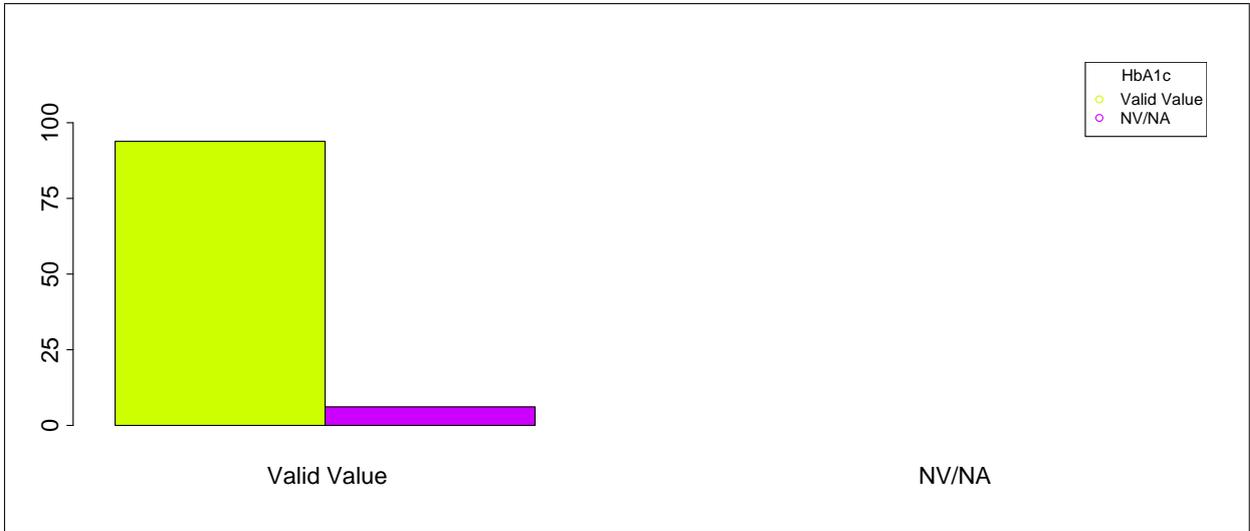


Barplot: 5.3.1.3 - Missing Data HbA1c (by Gender)

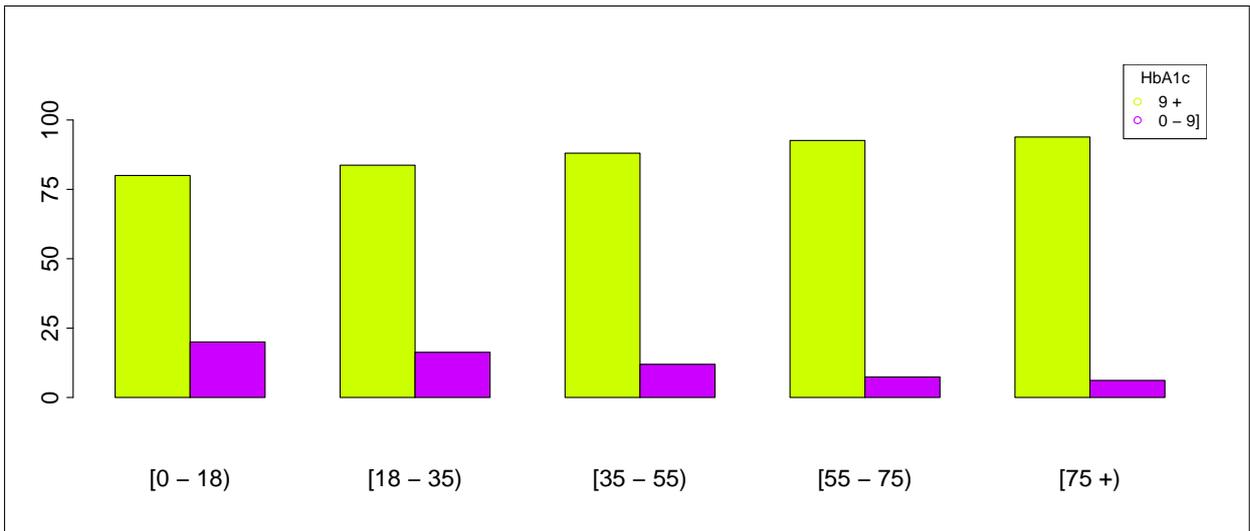


Barplot: 5.3.1.4 - HbA1c (by Gender)

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)



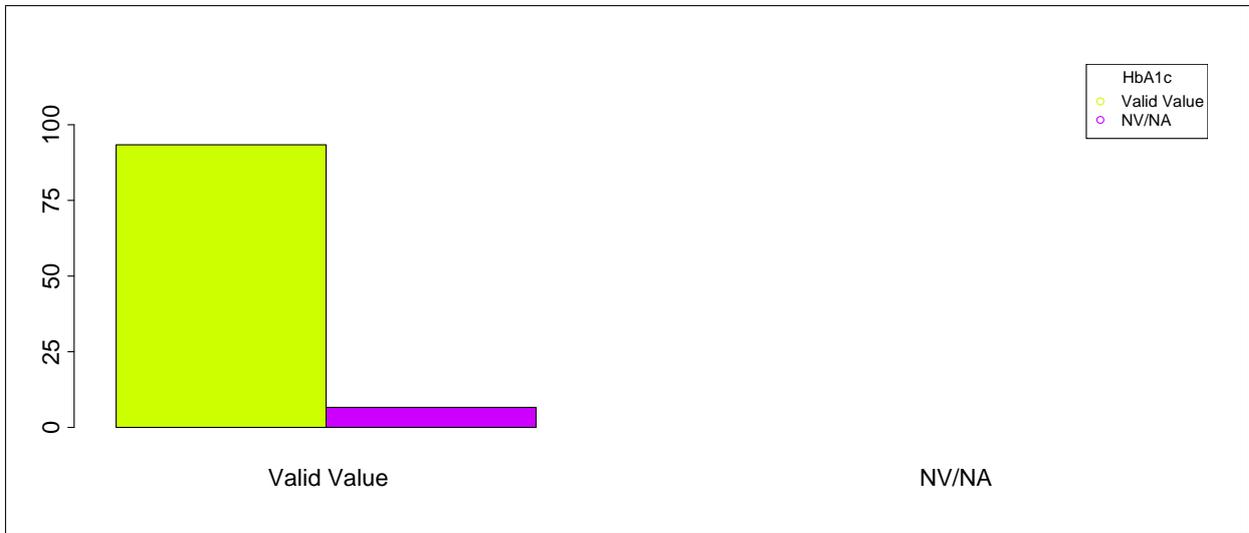
Barplot: 5.3.1.5 - Missing Data HbA1c (by Age)



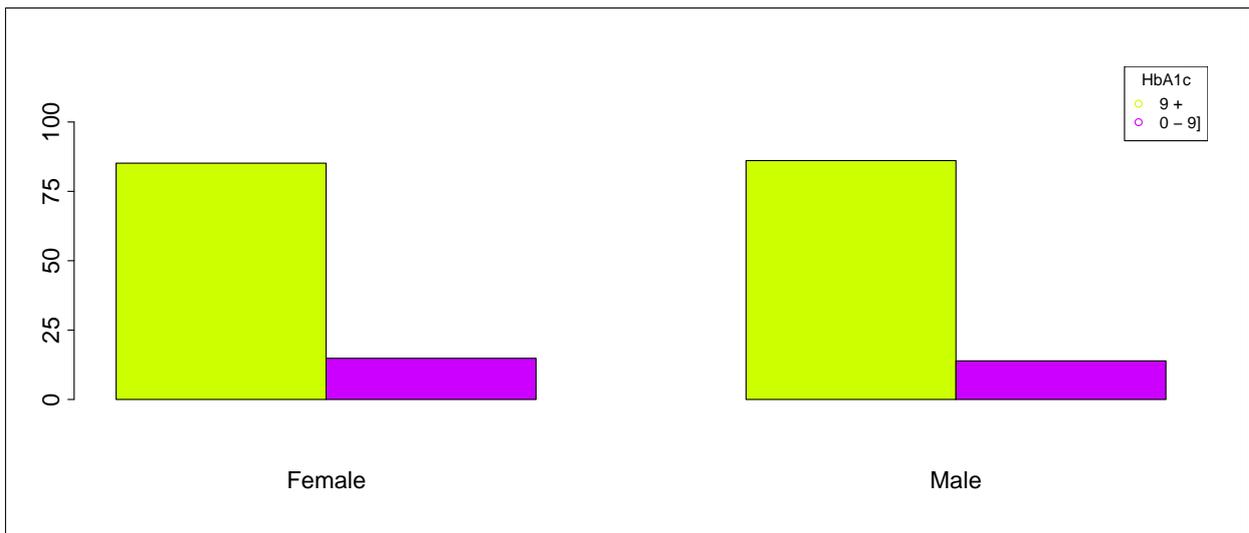
Barplot: 5.3.1.6 - HbA1c (by Age)

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)  
**Type of Diabetes = Type 1**

---



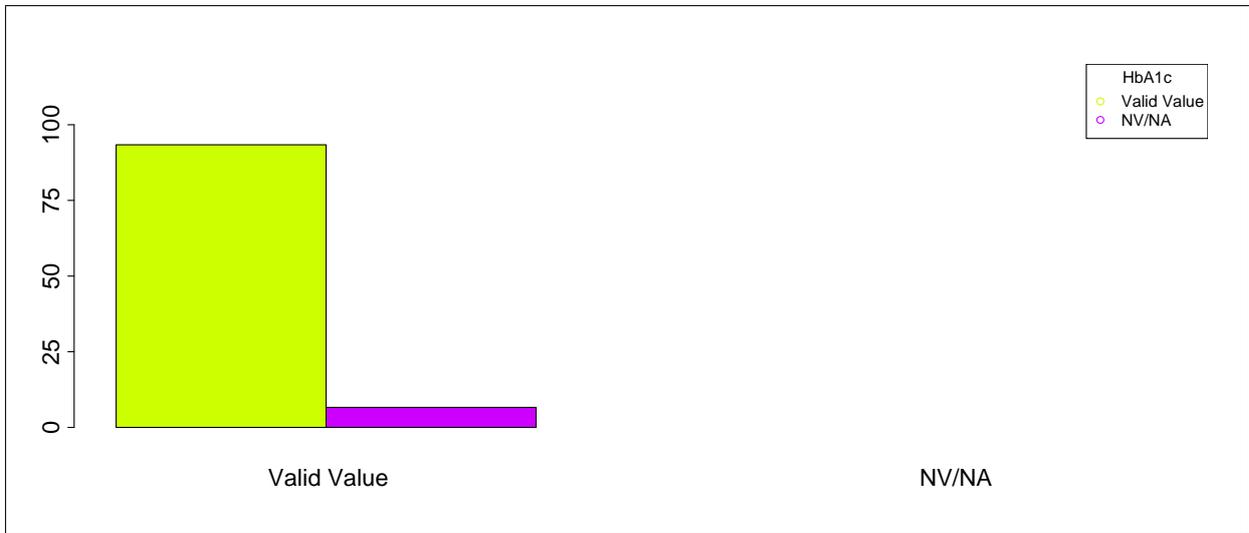
Barplot: 5.3.1.7 - Missing Data HbA1c (by Gender, Type of Diabetes = Type 1)



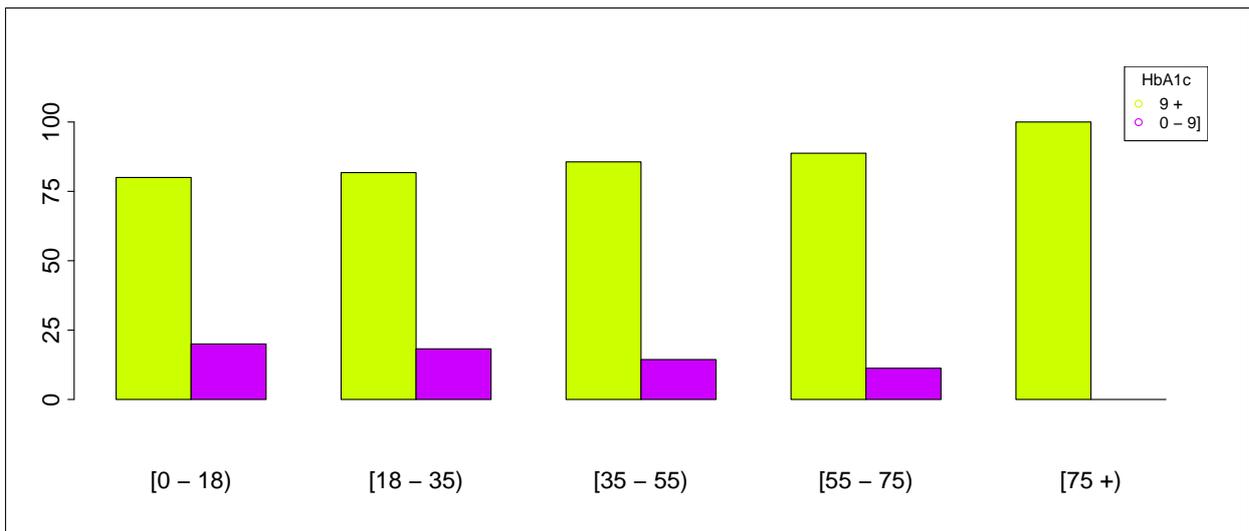
Barplot: 5.3.1.8 - HbA1c (by Gender, Type of Diabetes = Type 1)

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)  
**Type of Diabetes = Type 1**

---



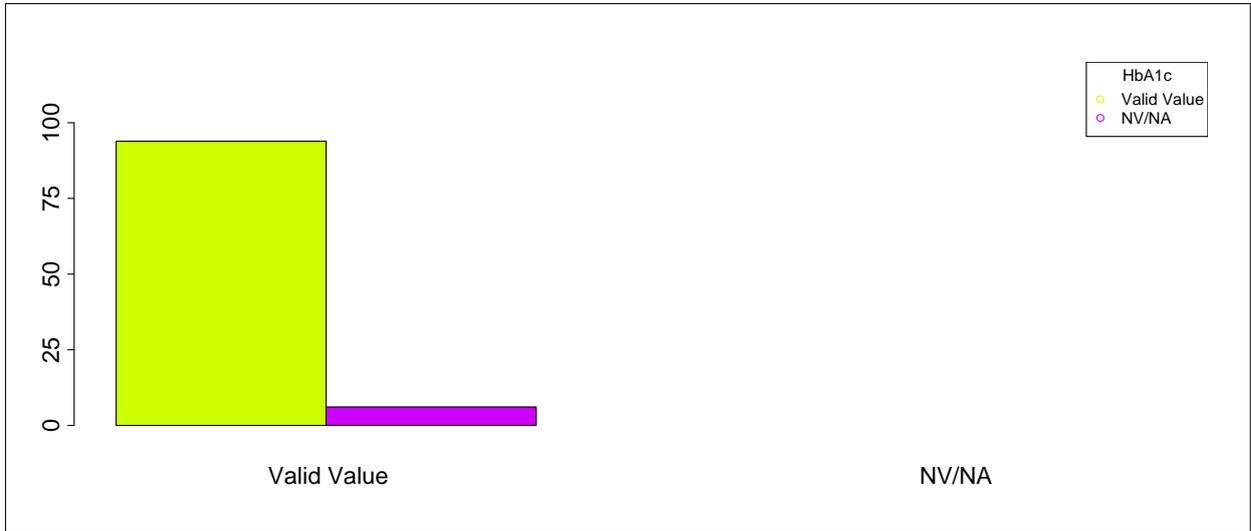
Barplot: 5.3.1.9 - Missing Data HbA1c (by Age, Type of Diabetes = Type 1)



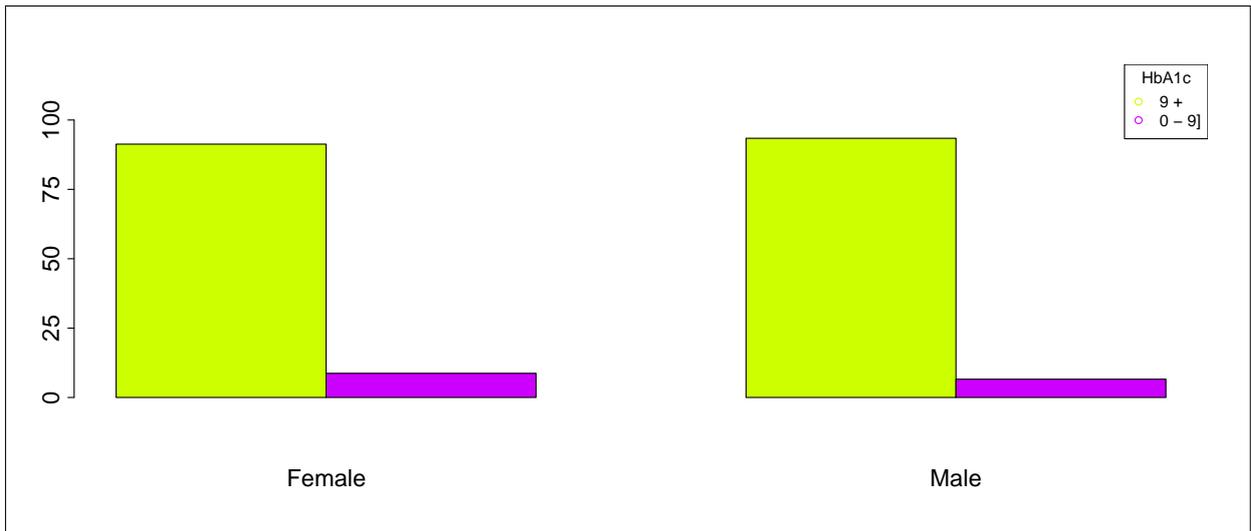
Barplot: 5.3.1.10 - HbA1c (by Age, Type of Diabetes = Type 1)

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)  
**Type of Diabetes = Type 2**

---



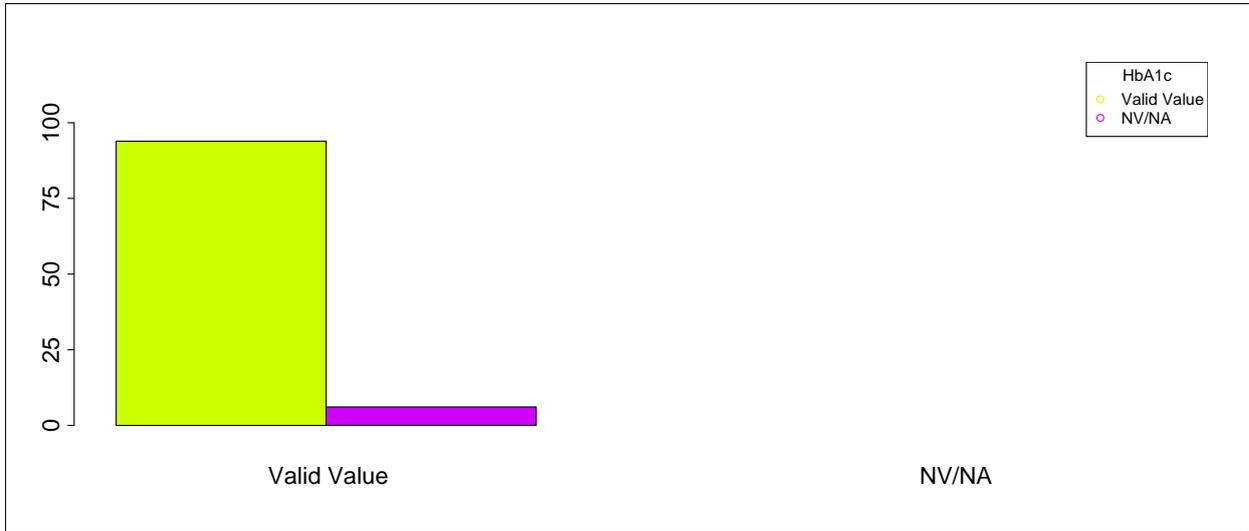
Barplot: 5.3.1.11 - Missing Data HbA1c (by Gender, Type of Diabetes = Type 2)



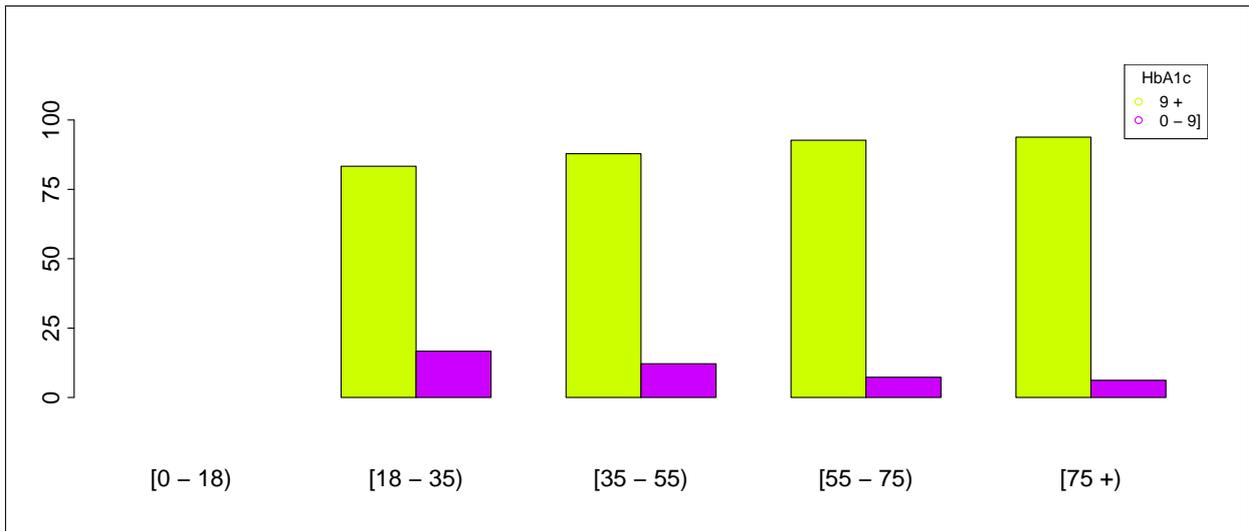
Barplot: 5.3.1.12 - HbA1c (by Gender, Type of Diabetes = Type 2)

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)  
**Type of Diabetes = Type 2**

---



Barplot: 5.3.1.13 - Missing Data HbA1c (by Age, Type of Diabetes = Type 2)



Barplot: 5.3.1.14 - HbA1c (by Age, Type of Diabetes = Type 2)

5.3.1 5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

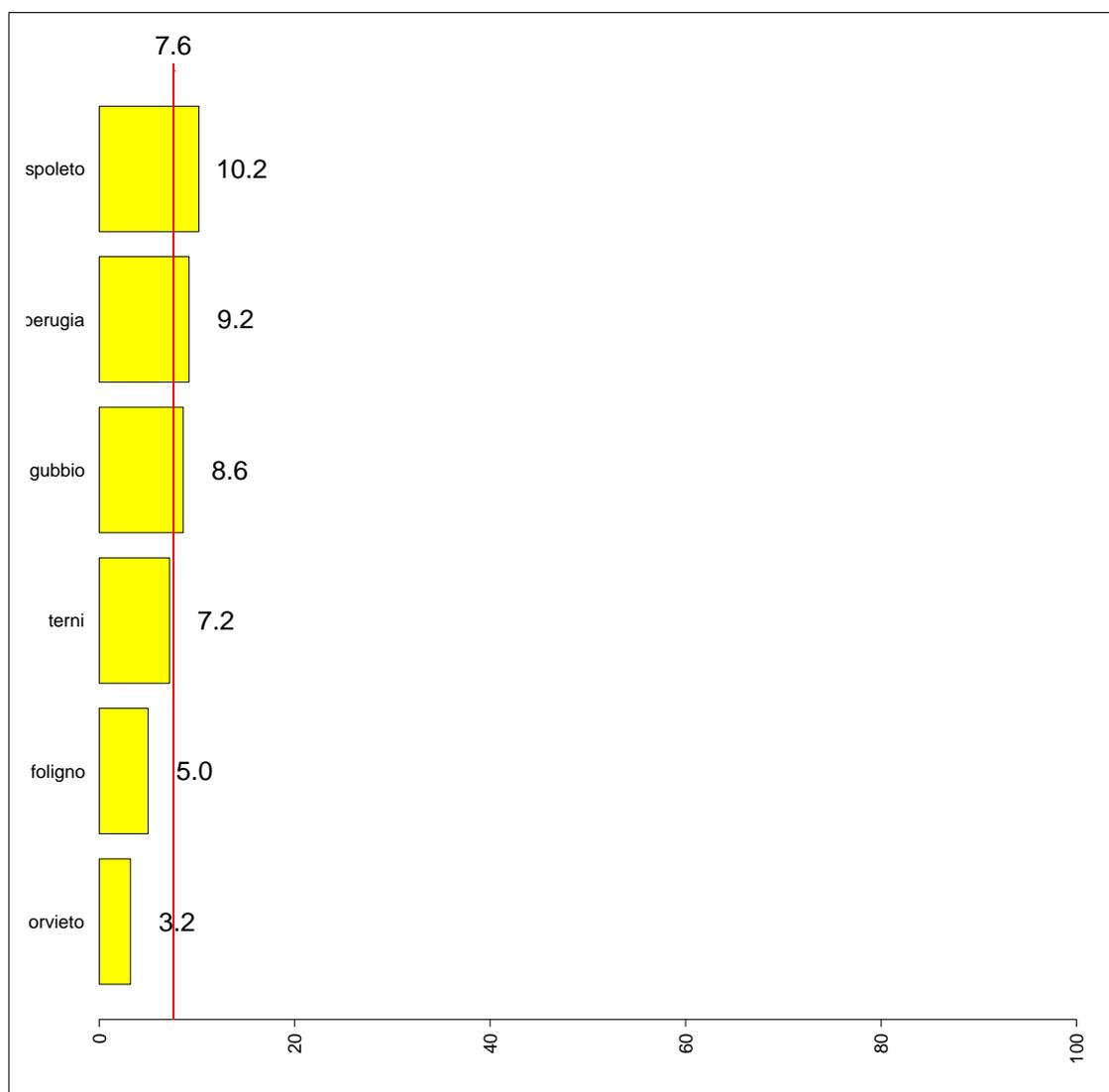
**Type of Diabetes = Type 2**

	s	O	E	N	CR	AR	95% C.I.	[O-E]/E %	95% C.I. [O-E]/E
1	spoleto	81	60	791	10.2	10.2	( 8.4; 12.0)	35.0	( 11.1; 58.9)
2	perugia	215	176	2357	9.1	9.2	( 8.2; 10.3)	22.2	( 7.8; 36.5)
3	gubbio	89	78	1020	8.7	8.6	( 7.0; 10.2)	14.1	( -6.7; 34.9)
4	terni	181	190	2530	7.2	7.2	( 6.2; 8.2)	-4.7	(-18.4; 9.0)
5	foligno	14	21	296	4.7	5.0	( 1.9; 8.2)	-33.3	(-78.3; 11.6)
6	orvieto	38	91	1182	3.2	3.2	( 1.7; 4.6)	-58.2	(-77.6;-38.9)
	T	618		8176	7.6				

Standardized Estimates 5.3.1.19 - 5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

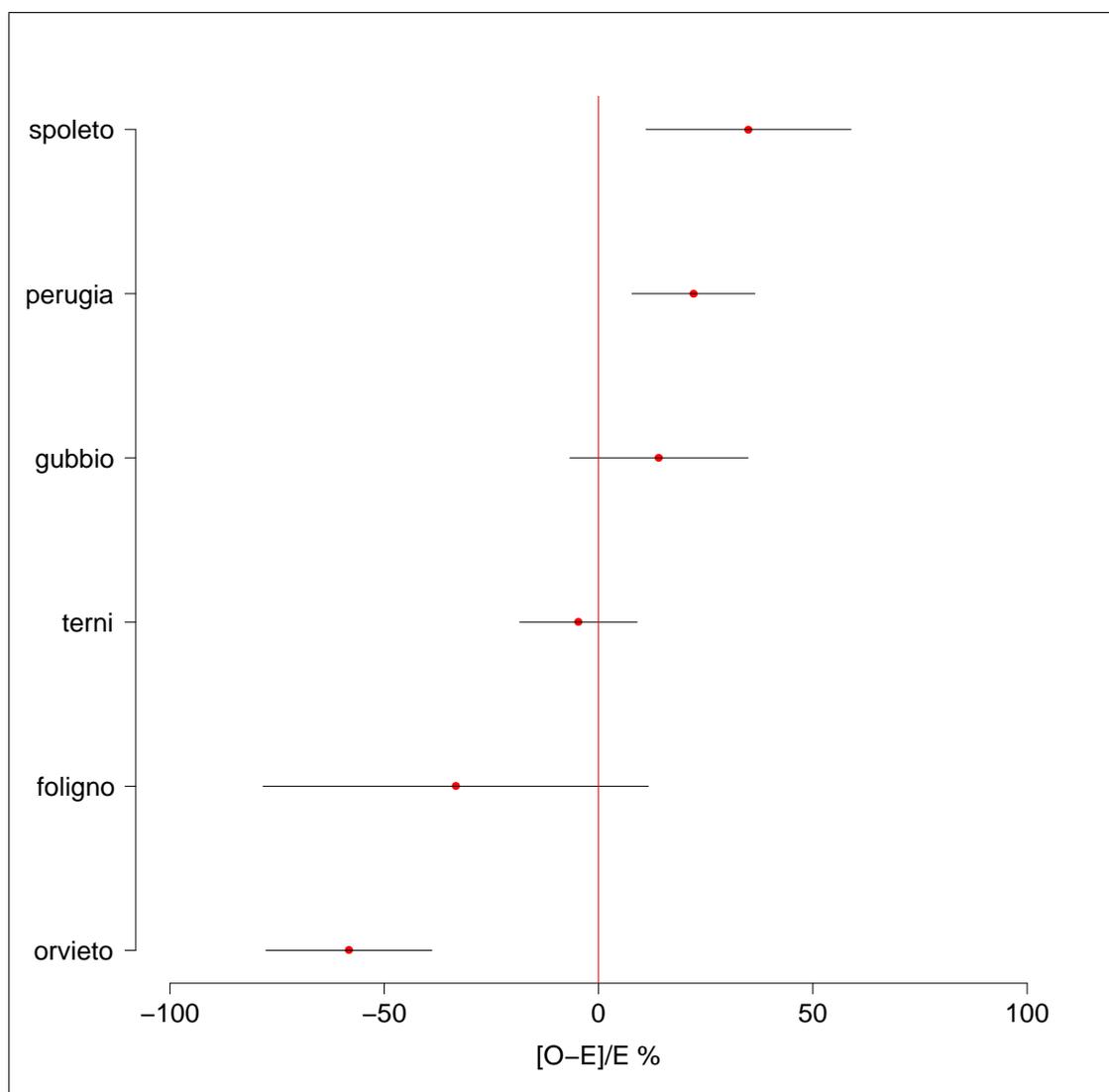
**Type of Diabetes = Type 2**



Barplots: 5.3.1.17 - Adjusted Rates 5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

**Type of Diabetes = Type 2**



Forest plots: 5.3.1.10 - 5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

5.3.1 5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

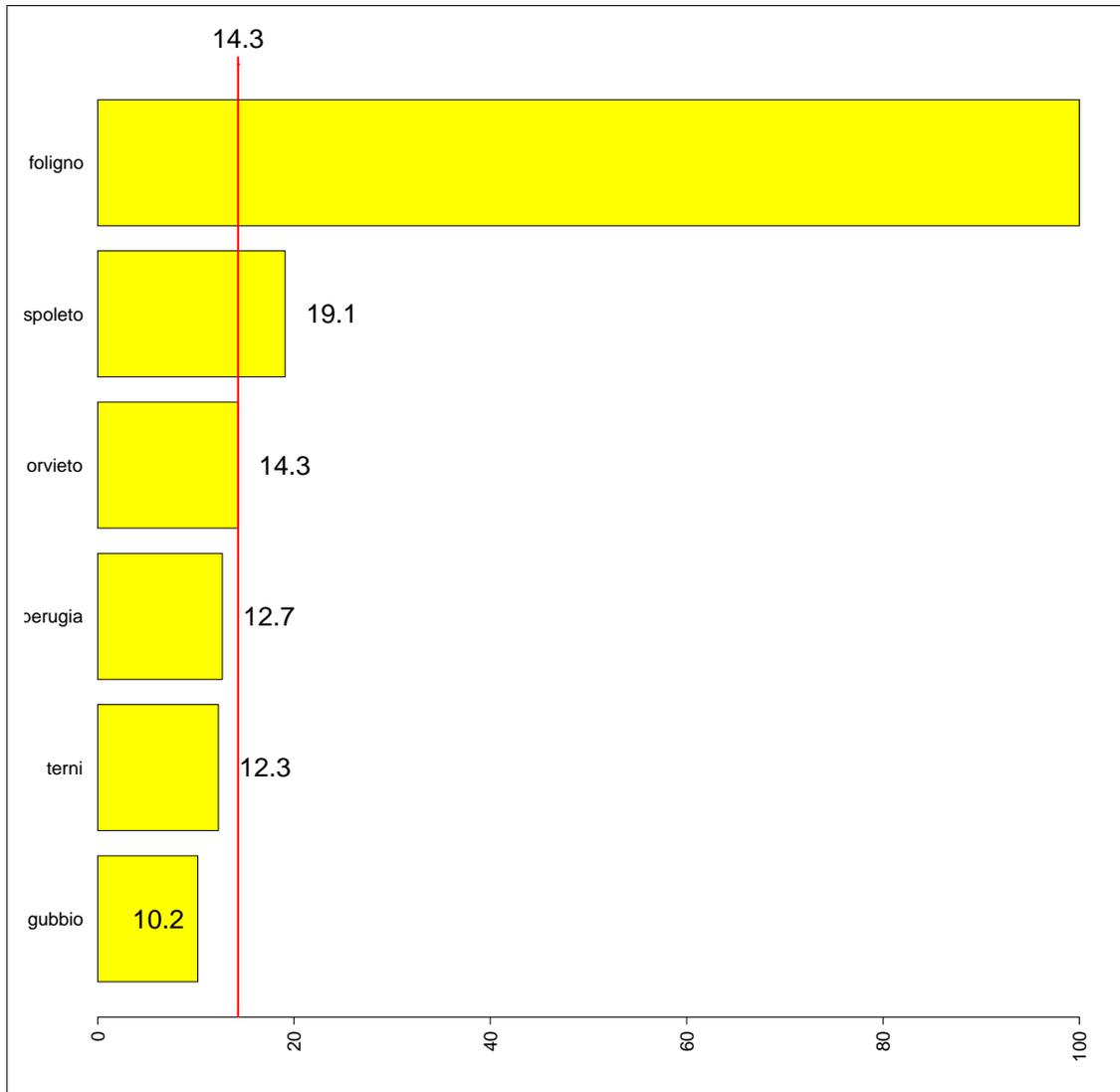
**Type of Diabetes = Type 1**

	s	O	E	N	CR	AR	95% C.I.	[O-E]/E %	95% C.I. [O-E]/E
1	foligno	13	1	13	100.0	100.0	(149.5;100.0)	1200.0	( 721.1;1678.9)
2	spoleto	4	3	29	13.8	19.1	( 1.2; 37.0)	33.3	(-139.5; 206.2)
3	orvieto	7	7	51	13.7	14.3	( 4.2; 24.5)	0.0	( -73.9; 73.9)
4	perugia	48	54	387	12.4	12.7	( 9.2; 16.3)	-11.1	( -36.4; 14.2)
5	terni	12	14	92	13.0	12.3	( 5.7; 18.9)	-14.3	( -57.8; 29.3)
6	gubbio	5	7	49	10.2	10.2	( 0.5; 20.0)	-28.6	( -96.7; 39.6)
	T	89		621	14.3				

Standardized Estimates 5.3.1.20 - 5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)  
**Type of Diabetes = Type 1**

---

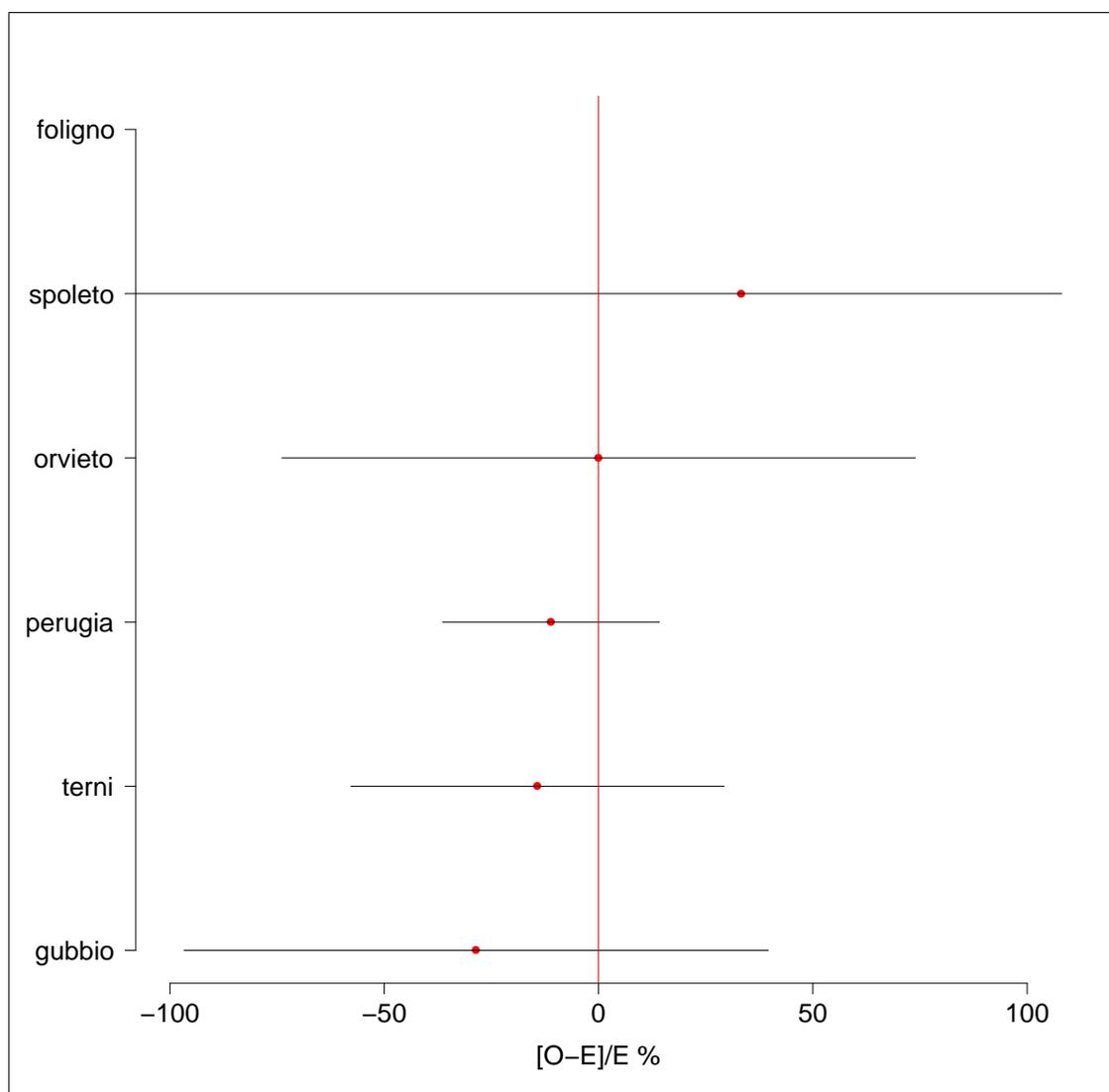


Barplots: 5.3.1.18 - Adjusted Rates 5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

**Type of Diabetes = Type 1**

---



Forest plots: 5.3.1.11 - 5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

HbA1c	Type of Diabetes			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8797 ( 93.9)	0( 0.0)		8797 ( 93.9)
NV/NA	575 ( 6.1)	0( 0.0)		575 ( 6.1)
TOTAL	9372(100.0)	0( 0.0)		9372 (100.0)

Table 5.3.2.1: Missing Data HbA1c (by Type of Diabetes)

HbA1c	Type of Diabetes			N ( % )
	Type 1 ( % )	Type 2 ( % )		
(0 - 7.5]	286 ( 46.1)	5509( 67.4)		5795 ( 65.9)
(7.5 + )	335 ( 53.9)	2667( 32.6)		3002 ( 34.1)
TOTAL	621( 7.1)	8176( 92.9)		8797 (100.0)

Table 5.3.2.2: HbA1c (by Type of Diabetes)

	CMH Chi-Square	p.value	df
Value	115.814	0	1

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

HbA1c	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8797 ( 93.9)	0( 0.0)		8797 ( 93.9)
NV/NA	575 ( 6.1)	0( 0.0)		575 ( 6.1)
TOTAL	9372(100.0)	0( 0.0)		9372 (100.0)

Table 5.3.2.3: Missing Data HbA1c (by Gender)

HbA1c	Gender			N ( % )
	Male ( % )	Female ( % )		
(0 - 7.5]	3260 ( 68.4)	2535( 62.9)		5795 ( 65.9)
(7.5 + )	1509 ( 31.6)	1493( 37.1)		3002 ( 34.1)
TOTAL	4769( 54.2)	4028( 45.8)		8797 (100.0)

Table 5.3.2.4: HbA1c (by Gender)

	CMH Chi-Square	p.value	df
Value	28.3336	0	1

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

HbA1c	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8797 ( 93.9)	0( 0.0)		8797 ( 93.9)
NV/NA	575 ( 6.1)	0( 0.0)		575 ( 6.1)
TOTAL	9372(100.0)	0( 0.0)		9372 (100.0)

Table 5.3.2.5: Missing Data HbA1c (by Age)

HbA1c	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
(0 - 7.5]	0 ( 0.0)	89 ( 50.0)	708 ( 59.6)	3555 ( 67.1)	1443( 67.7)	5795 ( 65.9)
(7.5 + )	5 (100.0)	89 ( 50.0)	479 ( 40.4)	1740 ( 32.9)	689( 32.3)	3002 ( 34.1)
TOTAL	5( 0.1)	178( 2.0)	1187( 13.5)	5295( 60.2)	2132( 24.2)	8797 (100.0)

Table 5.3.2.6: HbA1c (by Age)

CMH Chi-Square	
Value	One or more cells have 0 obs

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

**Type of Diabetes = Type 1**

HbA1c	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	621 ( 93.4)	0( 0.0)		621 ( 93.4)
NV/NA	44 ( 6.6)	0( 0.0)		44 ( 6.6)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 5.3.2.7: Missing Data HbA1c (by Gender, Type of Diabetes = Type 1)

HbA1c	Gender			N ( % )
	Male ( % )	Female ( % )		
(0 - 7.5]	164 ( 48.5)	122( 43.1)		286 ( 46.1)
(7.5 + )	174 ( 51.5)	161( 56.9)		335 ( 53.9)
TOTAL	338( 54.4)	283( 45.6)		621 (100.0)

Table 5.3.2.8: HbA1c (by Gender, Type of Diabetes = Type 1)

	CMH Chi-Square	p.value	df
Value	1.6041	0.2053	1

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct  
**Type of Diabetes = Type 1**

HbA1c	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	621 ( 93.4)	0( 0.0)		621 ( 93.4)
NV/NA	44 ( 6.6)	0( 0.0)		44 ( 6.6)
TOTAL	665(100.0)	0( 0.0)		665 (100.0)

Table 5.3.2.9: Missing Data HbA1c (by Age, Type of Diabetes = Type 1)

HbA1c	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
(0 - 7.5]	0 ( 0.0)	66 ( 44.6)	147 ( 48.0)	68 ( 45.0)	5( 45.5)	286 ( 46.1)
(7.5 + )	5 (100.0)	82 ( 55.4)	159 ( 52.0)	83 ( 55.0)	6( 54.5)	335 ( 53.9)
TOTAL	5( 0.8)	148( 23.8)	306( 49.3)	151( 24.3)	11( 1.8)	621 (100.0)

Table 5.3.2.10: HbA1c (by Age, Type of Diabetes = Type 1)

CMH Chi-Square	
Value	One or more cells have 0 obs

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

**Type of Diabetes = Type 1**

HbA1c	Gender * Age					
	Valid Value			NV/NA		
	Valid Value ( % )	NV/NA ( % )		Valid Value ( % )	NV/NA ( % )	N ( % )
Valid Value	0 ( 0.0)	0 ( 0.0)		0 ( 0.0)	44( 6.6)	44 ( 6.6)
NV/NA	0 ( 0.0)	0 ( 0.0)		0 ( 0.0)	621( 93.4)	621 ( 93.4)
TOTAL	0( 0.0)	0( 0.0)		0( 0.0)	665(100.0)	665 (100.0)

Table 5.3.2.11: Missing Data HbA1c (by Gender \* Age, Type of Diabetes = Type 1)

HbA1c	Gender * Age										
	0 - 18)		18 - 35)		35 - 55)		55 - 75)		75+)		N ( % )
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
7.5 +	0 ( 0.0)	0 ( 0.0)	37 ( 52.1)	29 ( 37.7)	60 ( 45.5)	87 ( 50.0)	23 ( 32.4)	45 ( 56.2)	2 ( 33.3)	3( 60.0)	286 ( 46.1)
0 - 7.5]	3 (100.0)	2 (100.0)	34 ( 47.9)	48 ( 62.3)	72 ( 54.5)	87 ( 50.0)	48 ( 67.6)	35 ( 43.8)	4 ( 66.7)	2( 40.0)	335 ( 53.9)
TOTAL	3( 0.5)	2( 0.3)	71( 11.4)	77( 12.4)	132( 21.3)	174( 28.0)	71( 11.4)	80( 12.9)	6( 1.0)	5( 0.8)	621 (100.0)

Table 5.3.2.12: HbA1c (by Gender \* Age, Type of Diabetes = Type 1)

=====  
 CMH Chi-Square  
 =====  
 Value    One or more cells have 0 obs  
 =====

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

**Type of Diabetes = Type 2**

HbA1c	Gender			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8176 ( 93.9)	0( 0.0)		8176 ( 93.9)
NV/NA	531 ( 6.1)	0( 0.0)		531 ( 6.1)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 5.3.2.13: Missing Data HbA1c (by Gender, Type of Diabetes = Type 2)

HbA1c	Gender			N ( % )
	Male ( % )	Female ( % )		
(0 - 7.5]	3096 ( 69.9)	2413( 64.4)		5509 ( 67.4)
(7.5 + )	1335 ( 30.1)	1332( 35.6)		2667 ( 32.6)
TOTAL	4431( 54.2)	3745( 45.8)		8176 (100.0)

Table 5.3.2.14: HbA1c (by Gender, Type of Diabetes = Type 2)

	CMH Chi-Square	p.value	df
Value	27.0682	0	1

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct  
**Type of Diabetes = Type 2**

HbA1c	Age			N ( % )
	Valid Value ( % )	NV/NA ( % )		
Valid Value	8176 ( 93.9)	0( 0.0)		8176 ( 93.9)
NV/NA	531 ( 6.1)	0( 0.0)		531 ( 6.1)
TOTAL	8707(100.0)	0( 0.0)		8707 (100.0)

Table 5.3.2.15: Missing Data HbA1c (by Age, Type of Diabetes = Type 2)

HbA1c	Age					N ( % )
	[0 - 18) ( % )	[18 - 35) ( % )	[35 - 55) ( % )	[55 - 75) ( % )	[75+) ( % )	
(0 - 7.5]	0 ( 0.0)	23 ( 76.7)	561 ( 63.7)	3487 ( 67.8)	1438( 67.8)	5509 ( 67.4)
(7.5 + )	0 ( 0.0)	7 ( 23.3)	320 ( 36.3)	1657 ( 32.2)	683( 32.2)	2667 ( 32.6)
TOTAL	0( 0.0)	30( 0.4)	881( 10.8)	5144( 62.9)	2121( 25.9)	8176 (100.0)

Table 5.3.2.16: HbA1c (by Age, Type of Diabetes = Type 2)

CMH Chi-Square	
Value	One or more cells have 0 obs

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct  
**Type of Diabetes = Type 2**

HbA1c	Gender * Age				
	Valid Value		NV/NA		N ( % )
	Valid Value ( % )	NV/NA ( % )	Valid Value ( % )	NV/NA ( % )	
Valid Value	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	531( 6.1)	531 ( 6.1)
NV/NA	0 ( 0.0)	0 ( 0.0)	0 ( 0.0)	8176( 93.9)	8176 ( 93.9)
TOTAL	0( 0.0)	0( 0.0)	0( 0.0)	8707(100.0)	8707 (100.0)

Table 5.3.2.17: Missing Data HbA1c (by Gender \* Age, Type of Diabetes = Type 2)

HbA1c	Gender * Age										N ( % )
	[0 - 18)		[18 - 35)		[35 - 55)		[55 - 75)		[75+)		
	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	Male ( % )	Female ( % )	
7.5 +	0 ( 0.0)	0 ( 0.0)	15 ( 88.2)	8 ( 61.5)	217 ( 64.0)	344 ( 63.5)	1447 ( 64.9)	2040 ( 70.0)	734 ( 63.3)	704( 73.2)	5509 ( 67.4)
0 - 7.5]	0 ( 0.0)	0 ( 0.0)	2 ( 11.8)	5 ( 38.5)	122 ( 36.0)	198 ( 36.5)	783 ( 35.1)	874 ( 30.0)	425 ( 36.7)	258( 26.8)	2667 ( 32.6)
TOTAL	0( 0.0)	0( 0.0)	17( 0.2)	13( 0.2)	339( 4.1)	542( 6.6)	2230( 27.3)	2914( 35.6)	1159( 14.2)	962( 11.8)	8176 (100.0)

Table 5.3.2.18: HbA1c (by Gender \* Age, Type of Diabetes = Type 2)

---



---

**CMH Chi-Square**


---

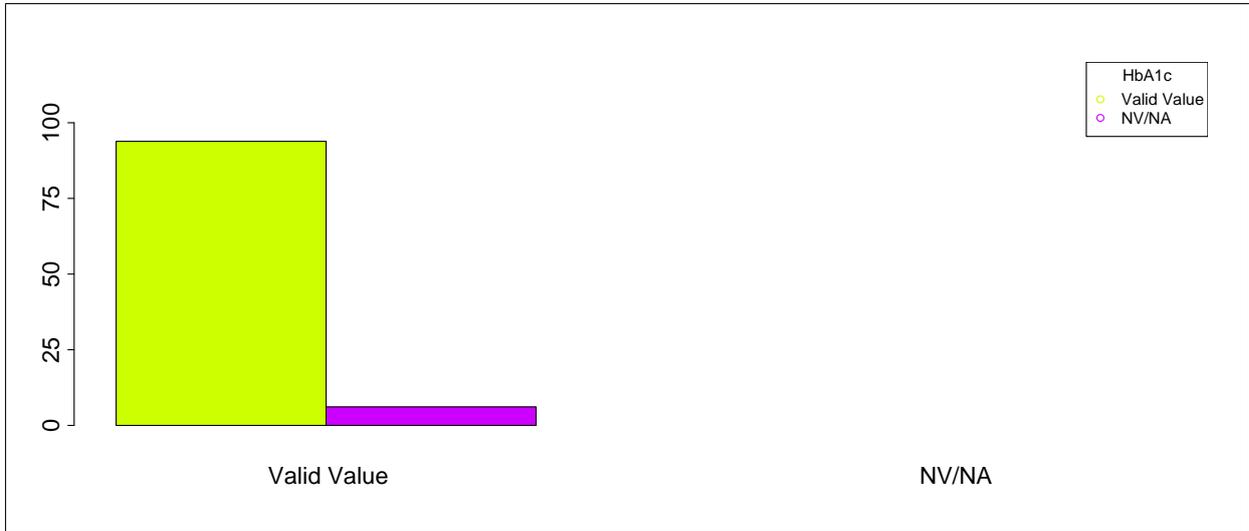


---

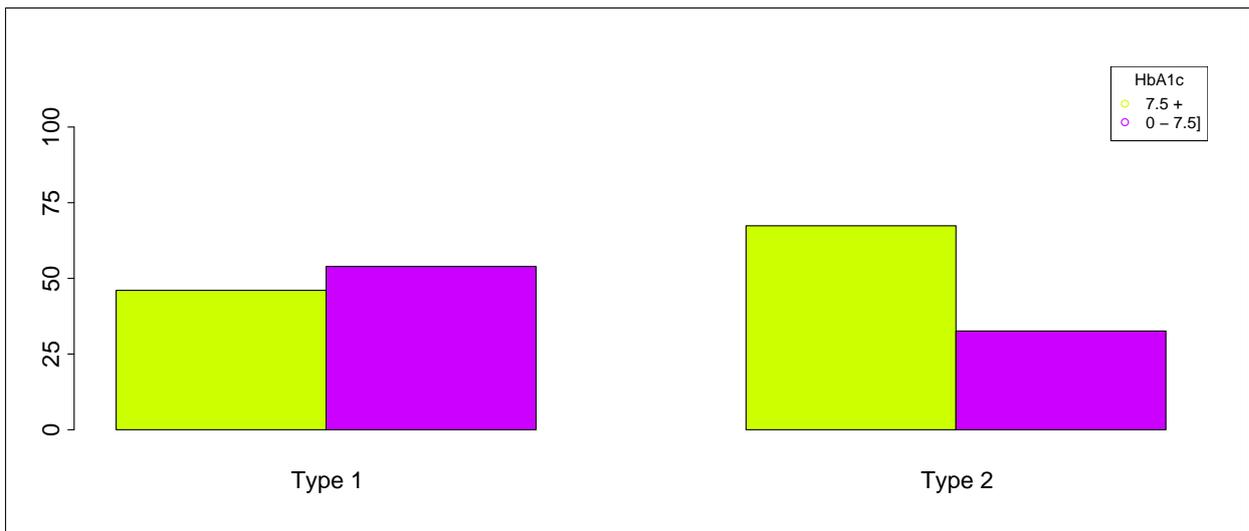
Value    One or more cells have 0 obs

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

---



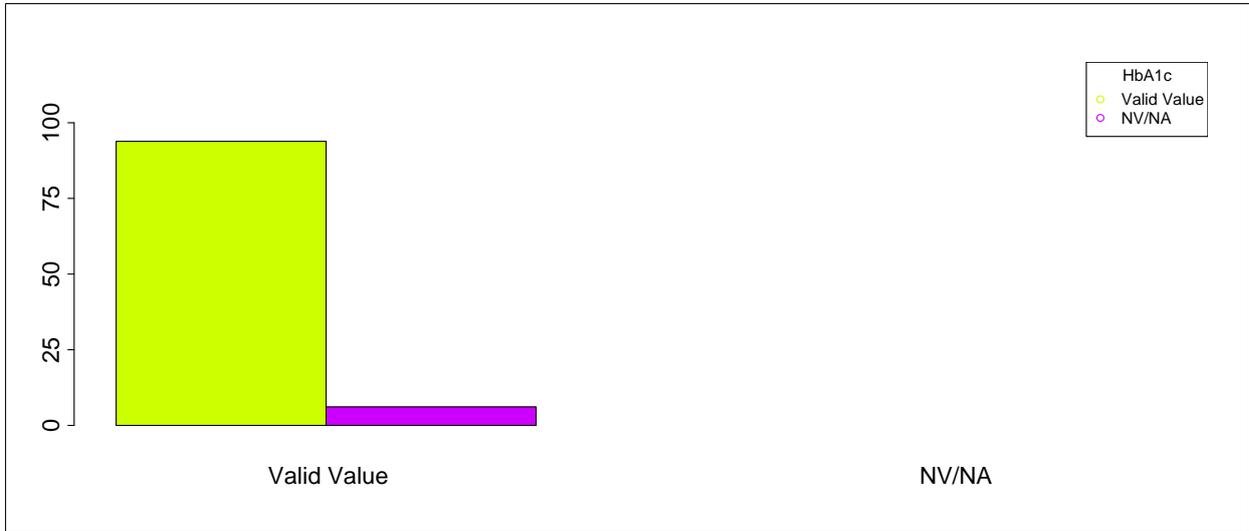
Barplot: 5.3.2.1 - Missing Data HbA1c (by Type of Diabetes)



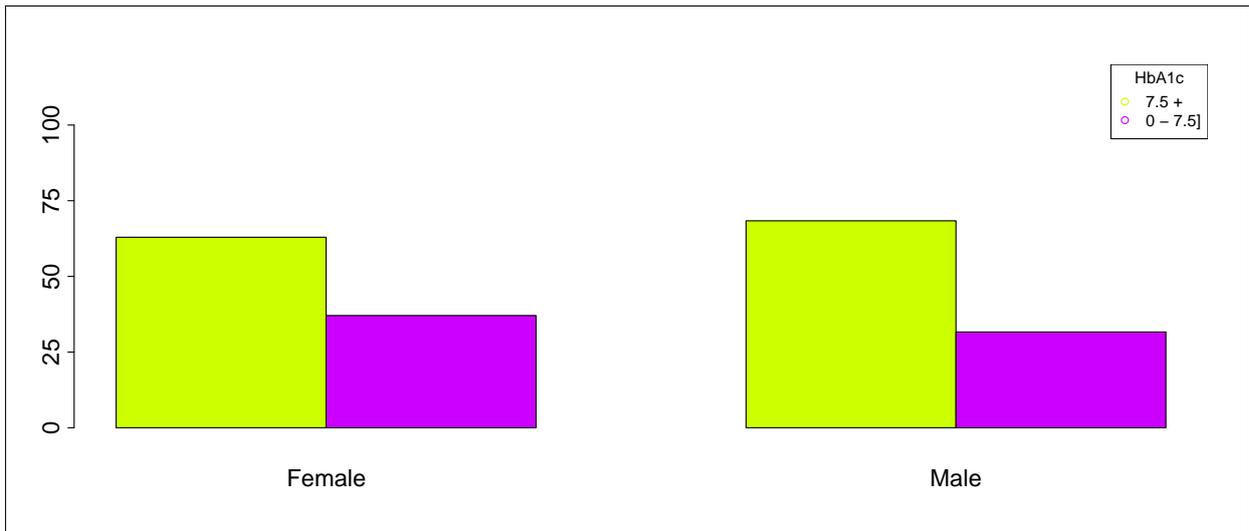
Barplot: 5.3.2.2 - HbA1c (by Type of Diabetes)

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

---

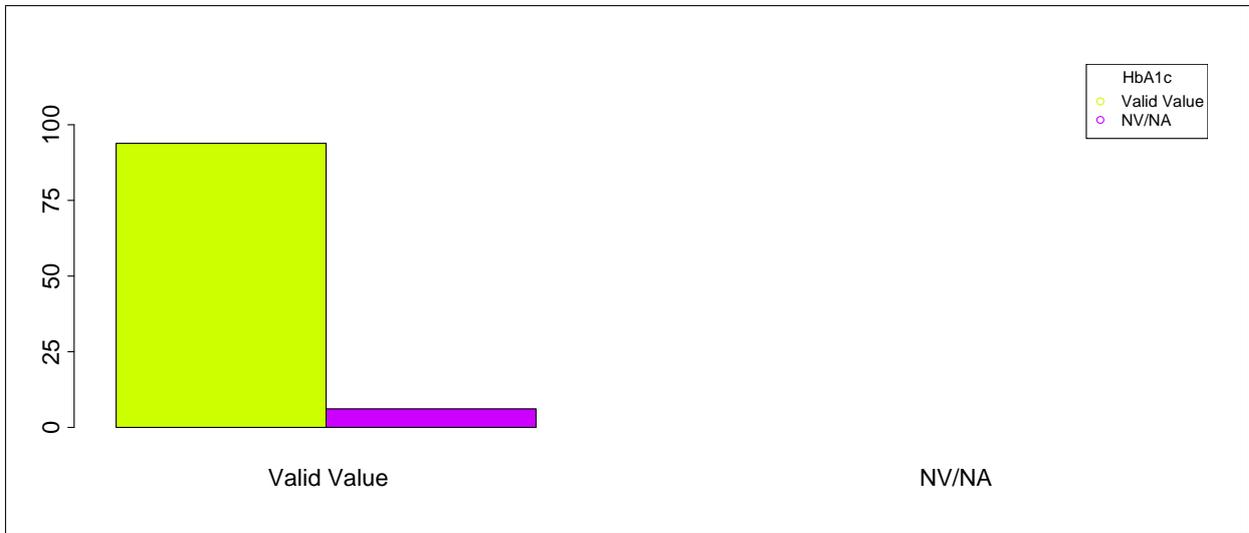


Barplot: 5.3.2.3 - Missing Data HbA1c (by Gender)

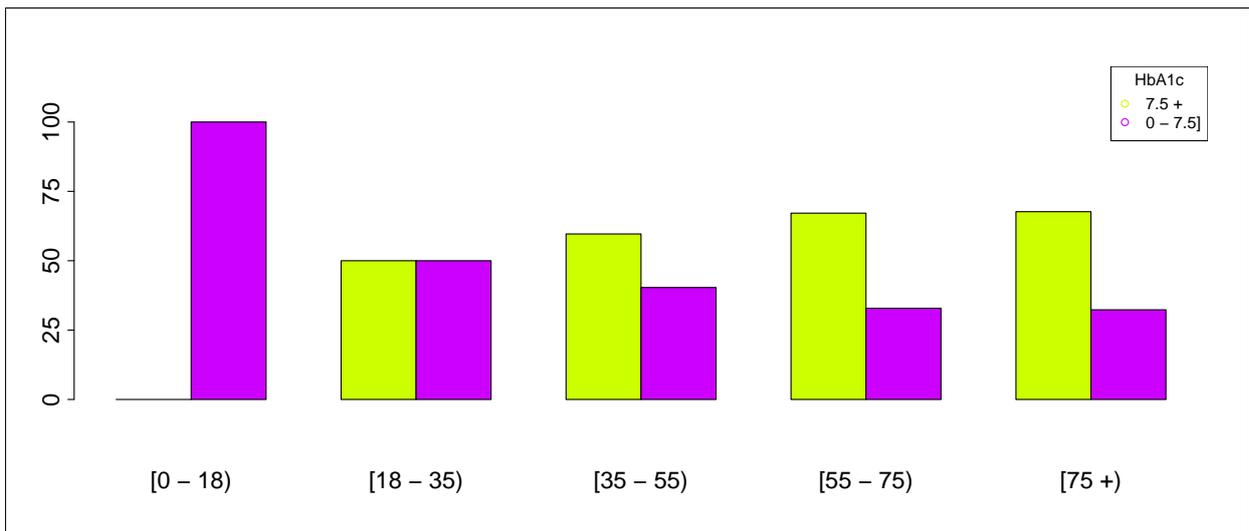


Barplot: 5.3.2.4 - HbA1c (by Gender)

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct



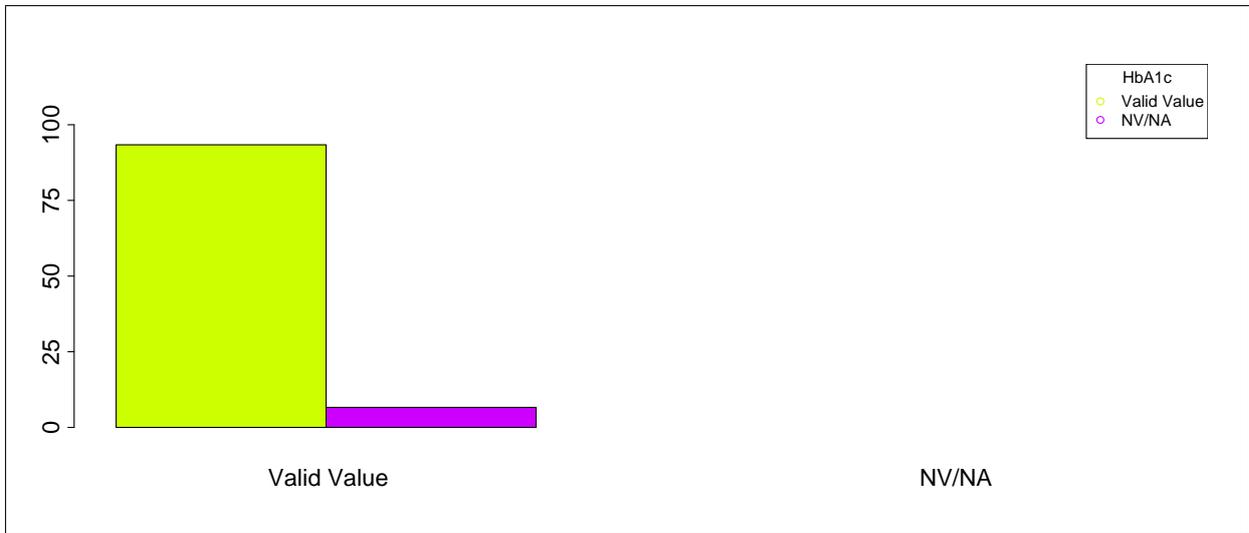
Barplot: 5.3.2.5 - Missing Data HbA1c (by Age)



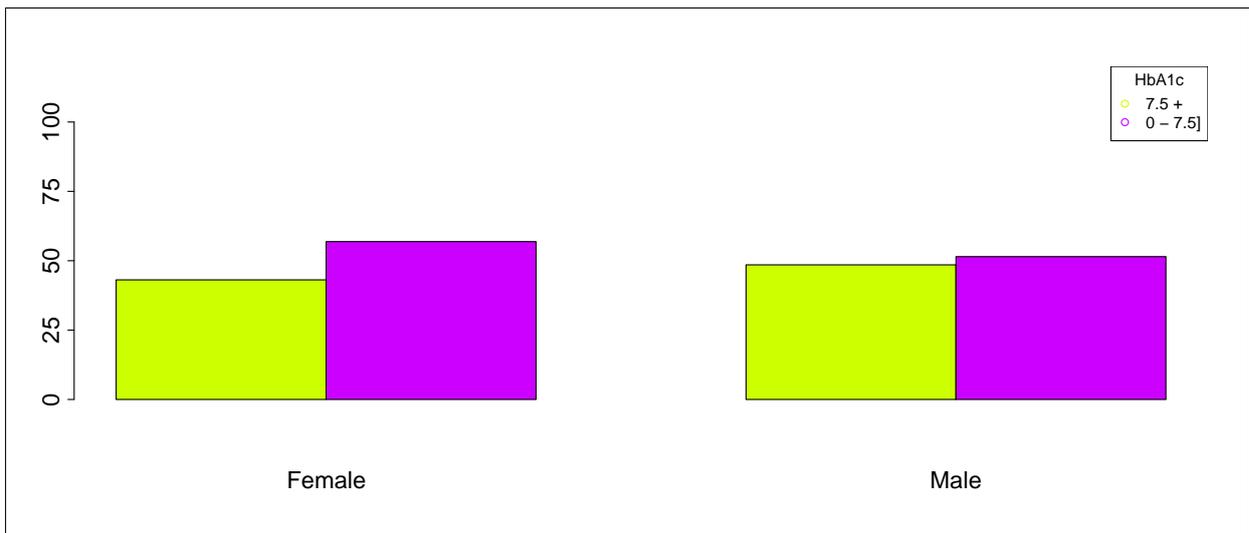
Barplot: 5.3.2.6 - HbA1c (by Age)

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct  
**Type of Diabetes = Type 1**

---



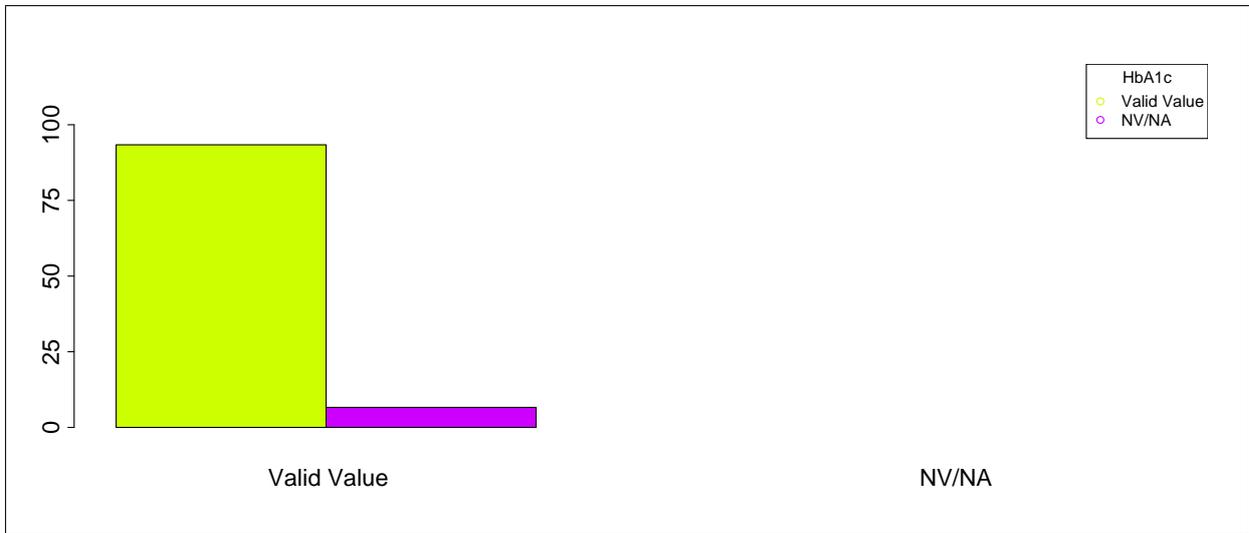
Barplot: 5.3.2.7 - Missing Data HbA1c (by Gender, Type of Diabetes = Type 1)



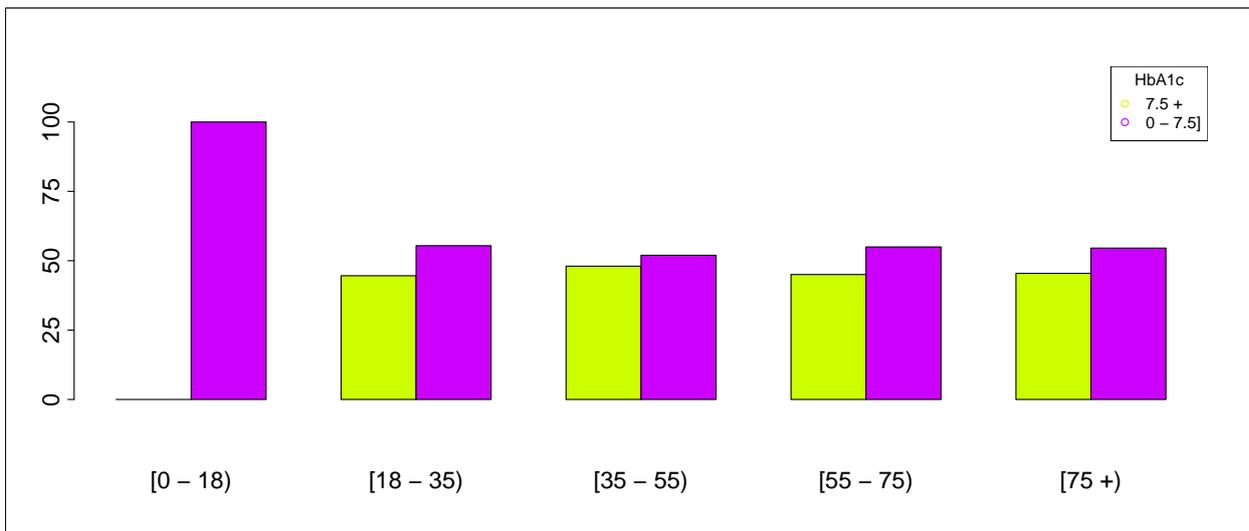
Barplot: 5.3.2.8 - HbA1c (by Gender, Type of Diabetes = Type 1)

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct  
**Type of Diabetes = Type 1**

---



Barplot: 5.3.2.9 - Missing Data HbA1c (by Age, Type of Diabetes = Type 1)



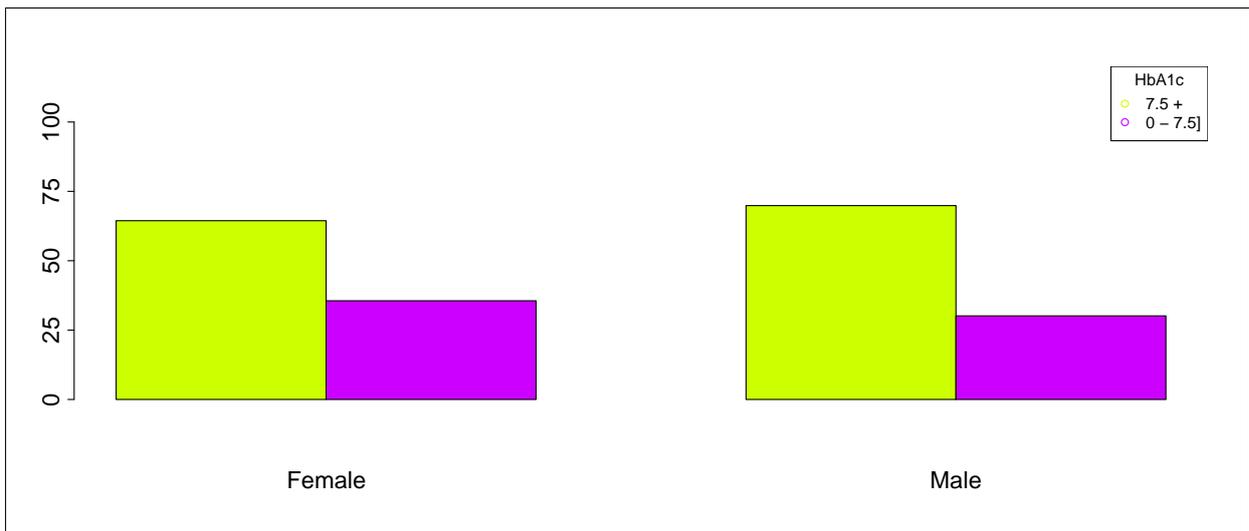
Barplot: 5.3.2.10 - HbA1c (by Age, Type of Diabetes = Type 1)

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct  
**Type of Diabetes = Type 2**

---



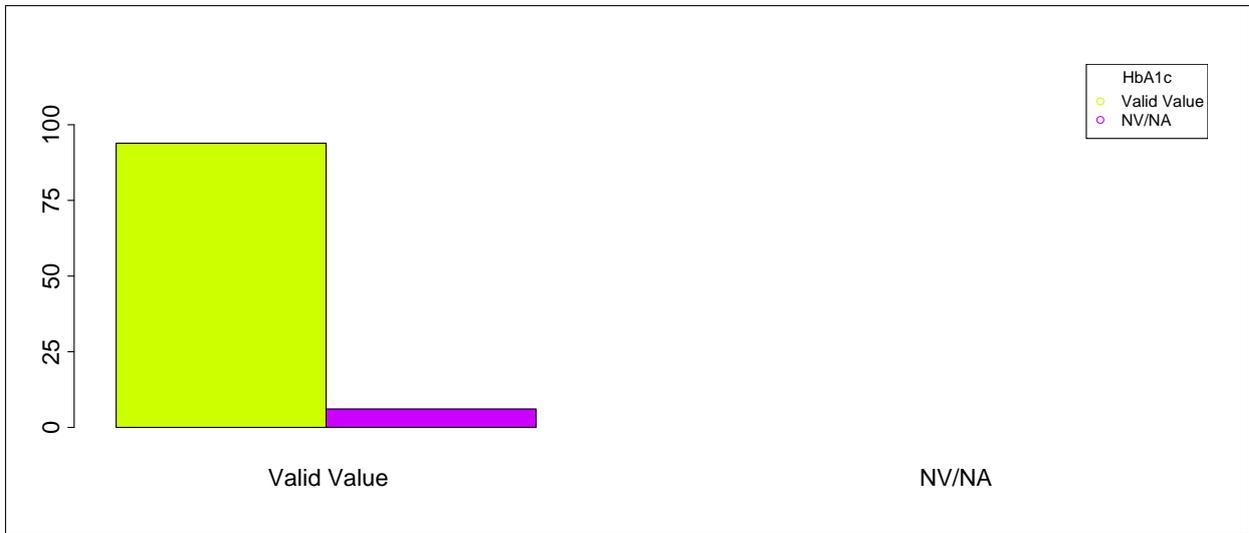
Barplot: 5.3.2.11 - Missing Data HbA1c (by Gender, Type of Diabetes = Type 2)



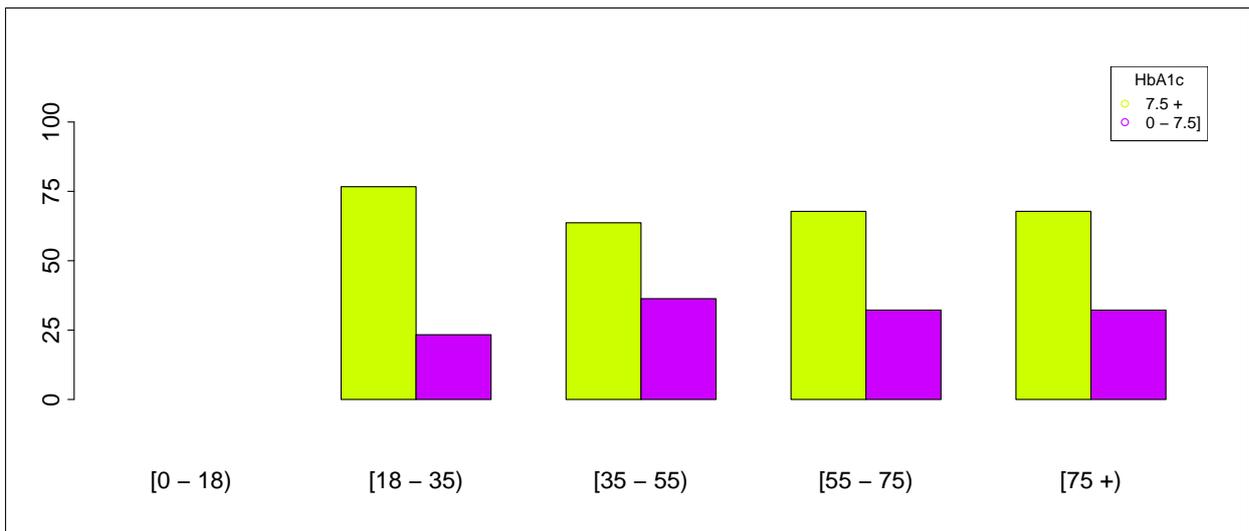
Barplot: 5.3.2.12 - HbA1c (by Gender, Type of Diabetes = Type 2)

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct  
**Type of Diabetes = Type 2**

---



Barplot: 5.3.2.13 - Missing Data HbA1c (by Age, Type of Diabetes = Type 2)



Barplot: 5.3.2.14 - HbA1c (by Age, Type of Diabetes = Type 2)

## 5.3.2 5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

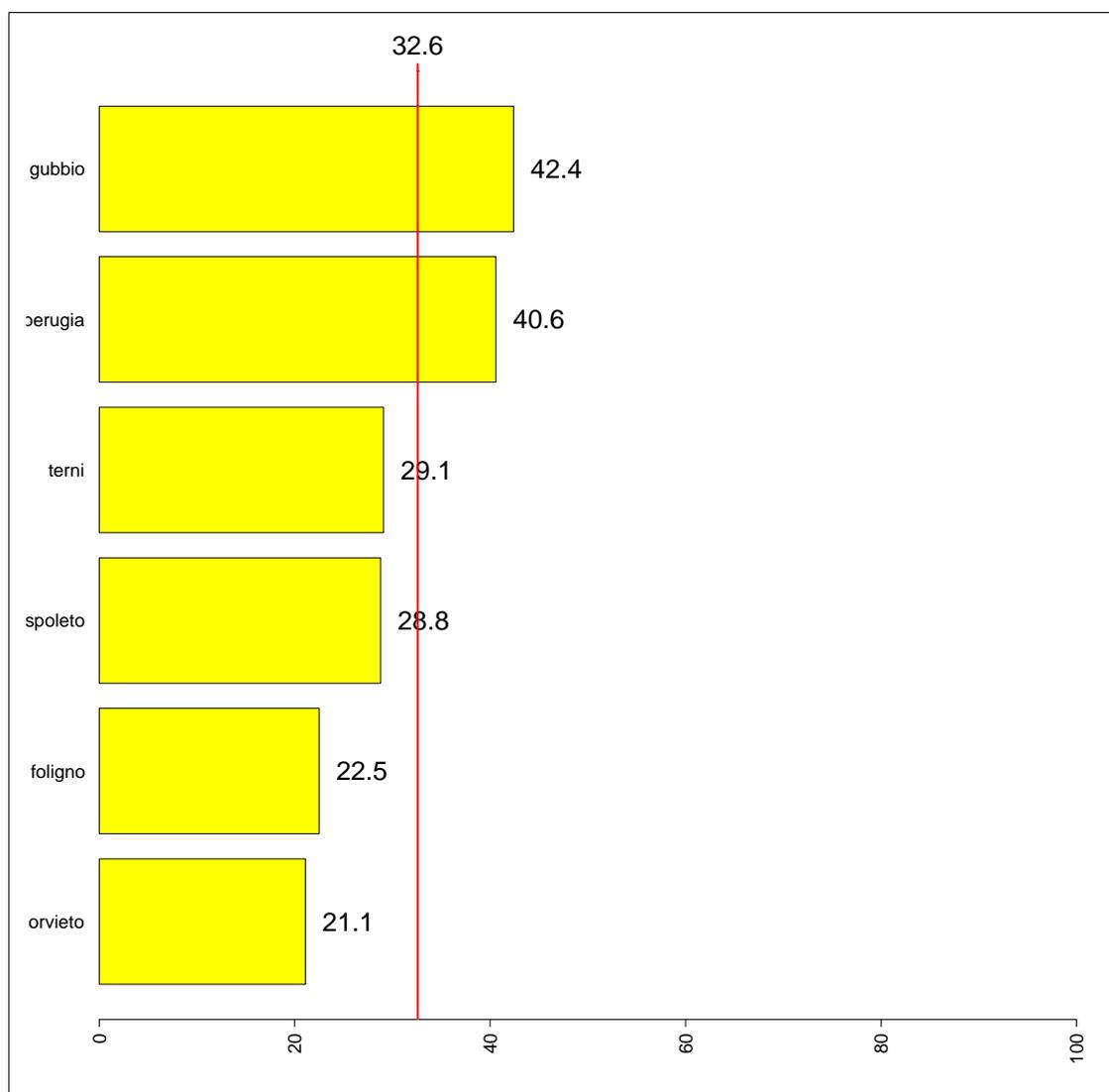
**Type of Diabetes = Type 2**

s	O	E	N	CR	AR	95% C.I.	[O-E]/E %	95% C.I. [O-E]/E
1 gubbio	429	330	1020	42.1	42.4	( 39.5; 45.3)	30.0	( 21.1; 38.9)
2 perugia	957	768	2357	40.6	40.6	( 38.8; 42.5)	24.6	( 18.8; 30.4)
3 terni	734	824	2530	29.0	29.1	( 27.2; 30.9)	-10.9	(-16.5; -5.3)
4 spoletto	228	258	791	28.8	28.8	( 25.6; 32.1)	-11.6	(-21.6; -1.7)
5 foligno	67	97	296	22.6	22.5	( 17.2; 27.8)	-30.9	(-47.1;-14.8)
6 orvieto	252	389	1182	21.3	21.1	( 18.5; 23.8)	-35.2	(-43.3;-27.2)
T	2667		8176	32.6				

Standardized Estimates 5.3.2.19 - 5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct  
**Type of Diabetes = Type 2**

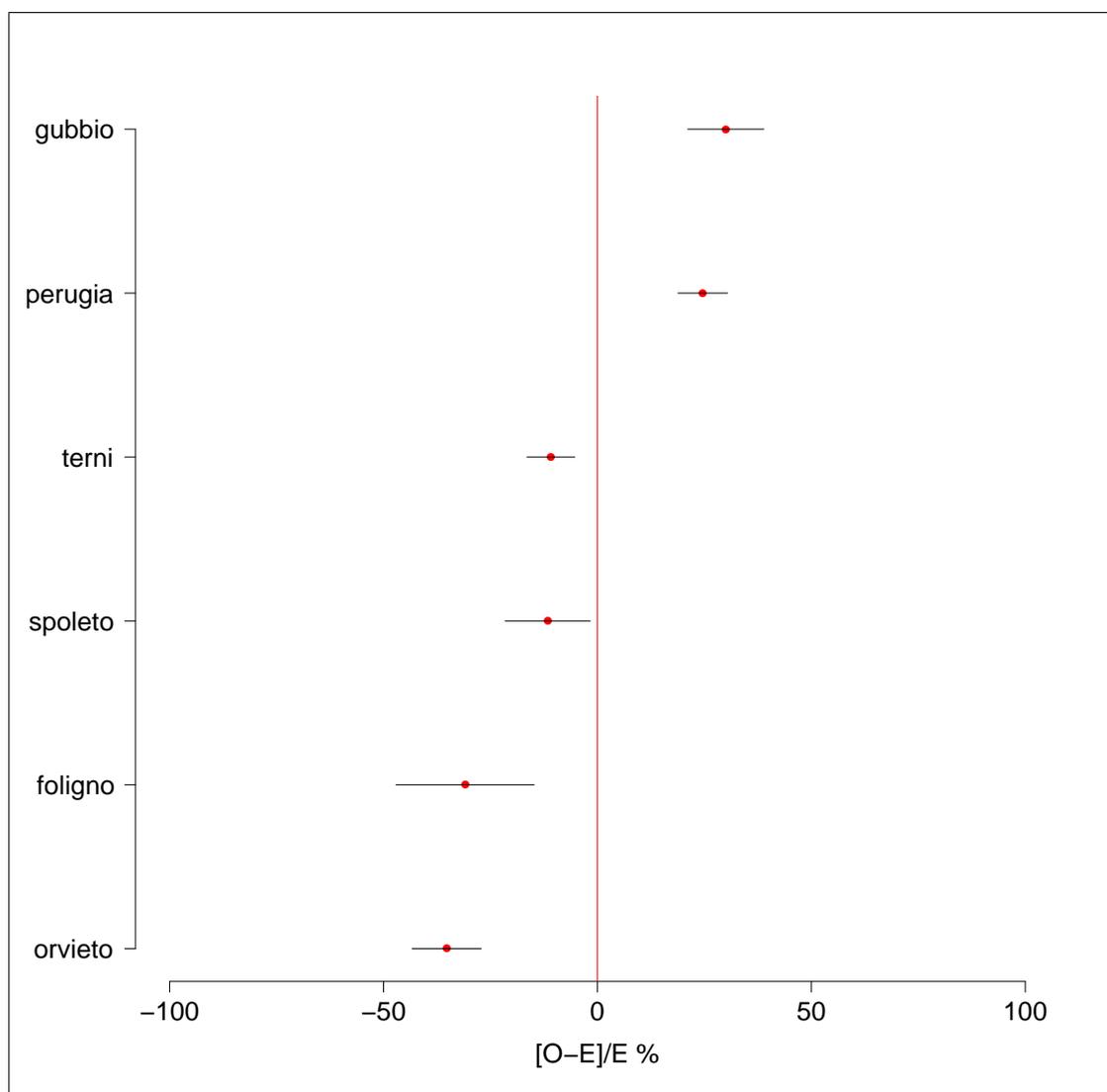
---



Barplots: 5.3.2.17 - Adjusted Rates 5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct  
**Type of Diabetes = Type 2**

---



Forest plots: 5.3.2.12 - 5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

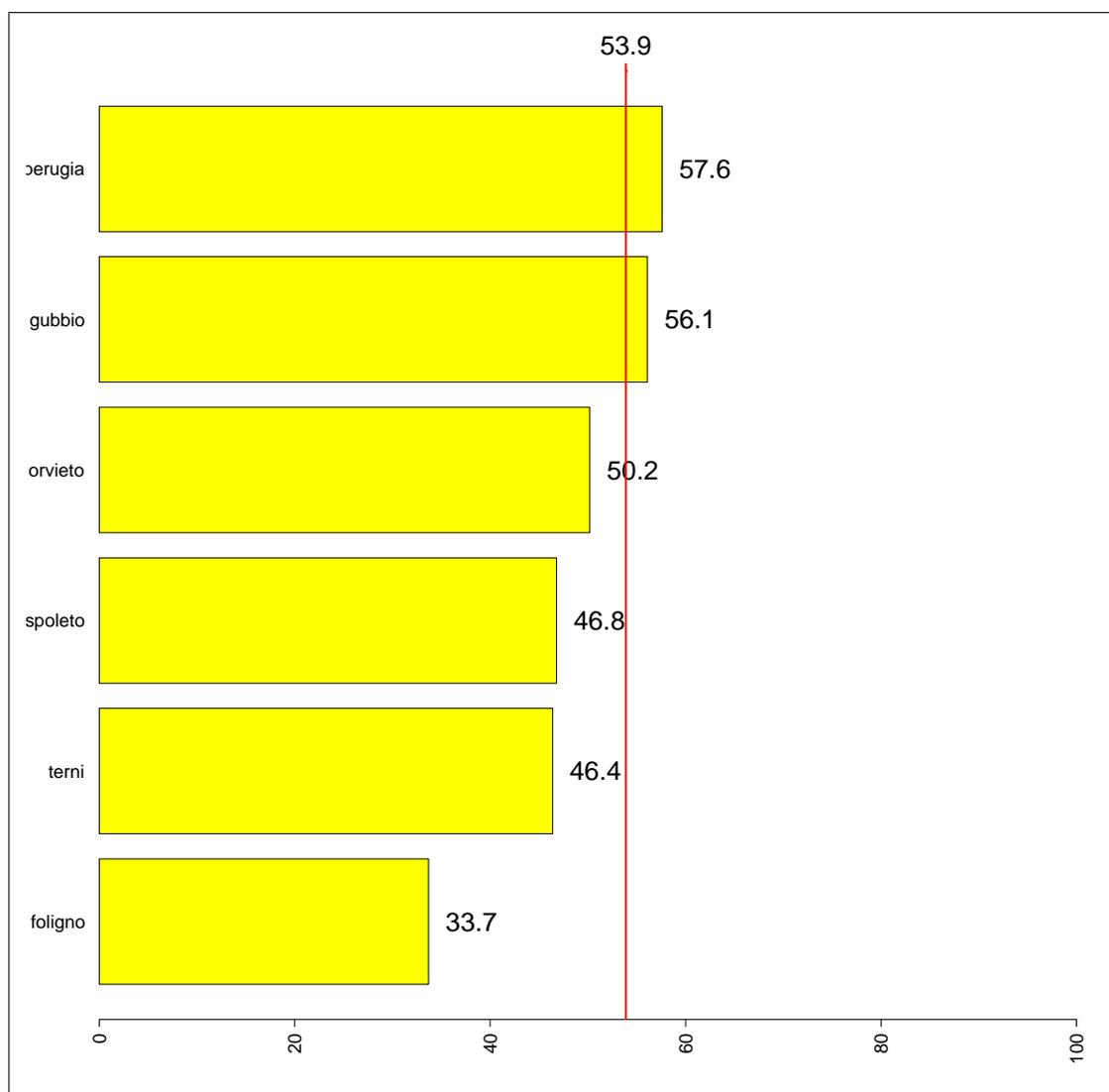
5.3.2 5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct  
**Type of Diabetes = Type 1**

s	O	E	N	CR	AR	95% C.I.	[O-E]/E %	95% C.I. [O-E]/E
1 perugia	221	207	387	57.1	57.6	( 52.7; 62.5)	6.8	( -2.4;15.9 )
2 gubbio	26	25	49	53.1	56.1	( 41.5; 70.7)	4.0	(-24.5;32.5 )
3 orvieto	27	29	51	52.9	50.2	( 37.8; 62.7)	-6.9	(-28.8;15.0 )
4 spoletto	13	15	29	44.8	46.8	( 28.6; 64.9)	-13.3	(-48.5;21.8 )
5 terni	43	50	92	46.7	46.4	( 36.6; 56.2)	-14.0	(-32.1; 4.1 )
6 foligno	5	8	13	38.5	33.7	( 10.5; 56.9)	-37.5	(-75.2; 0.2 )
T	335		621	53.9				

Standardized Estimates 5.3.2.20 - 5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct  
**Type of Diabetes = Type 1**

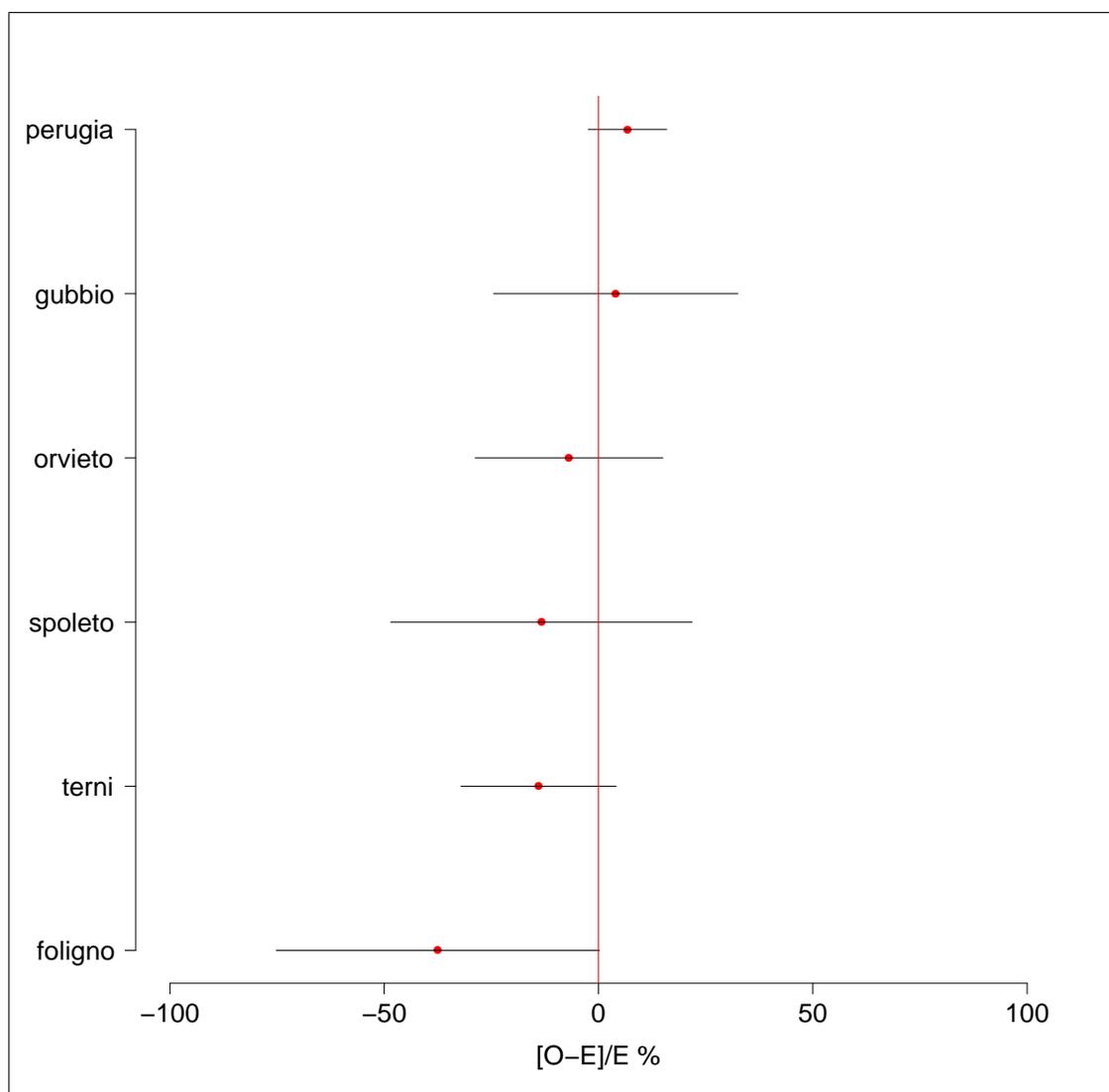
---



Barplots: 5.3.2.18 - Adjusted Rates 5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct  
Type of Diabetes = Type 1

---

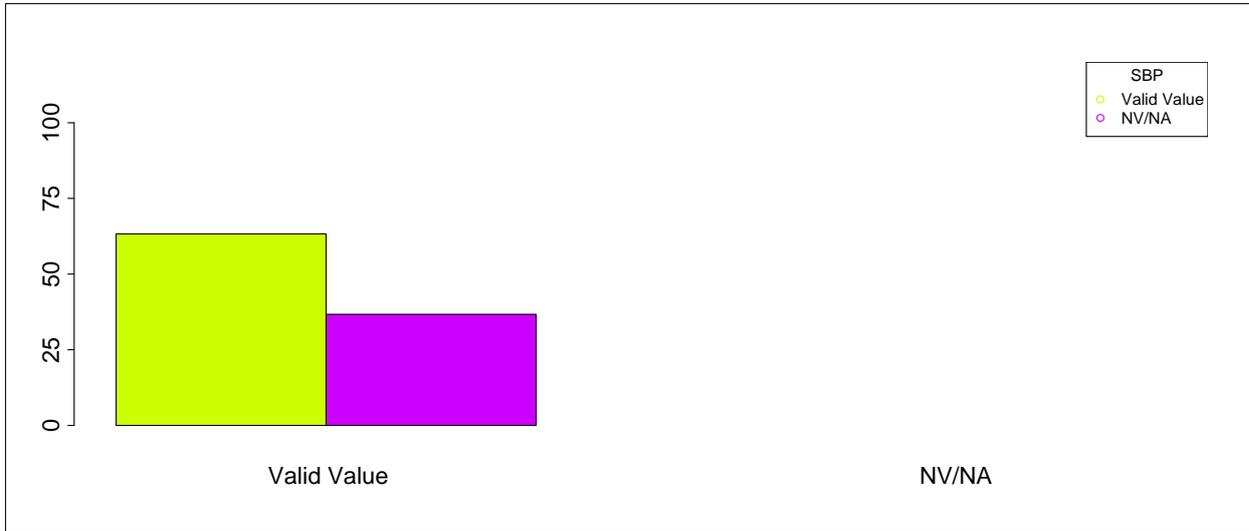


Forest plots: 5.3.2.13 - 5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

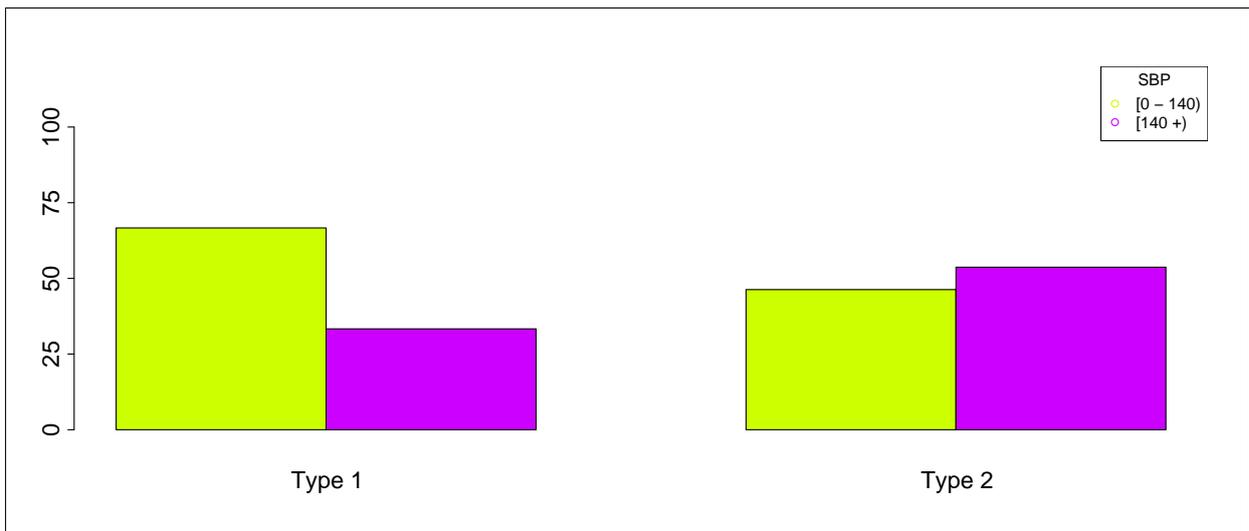
### 5.3.3 % of subjects with most recent blood pressure less than 140/90 mmHg

5.3.3 % of subjects with most recent blood pressure less than 140/90 mmHg

---



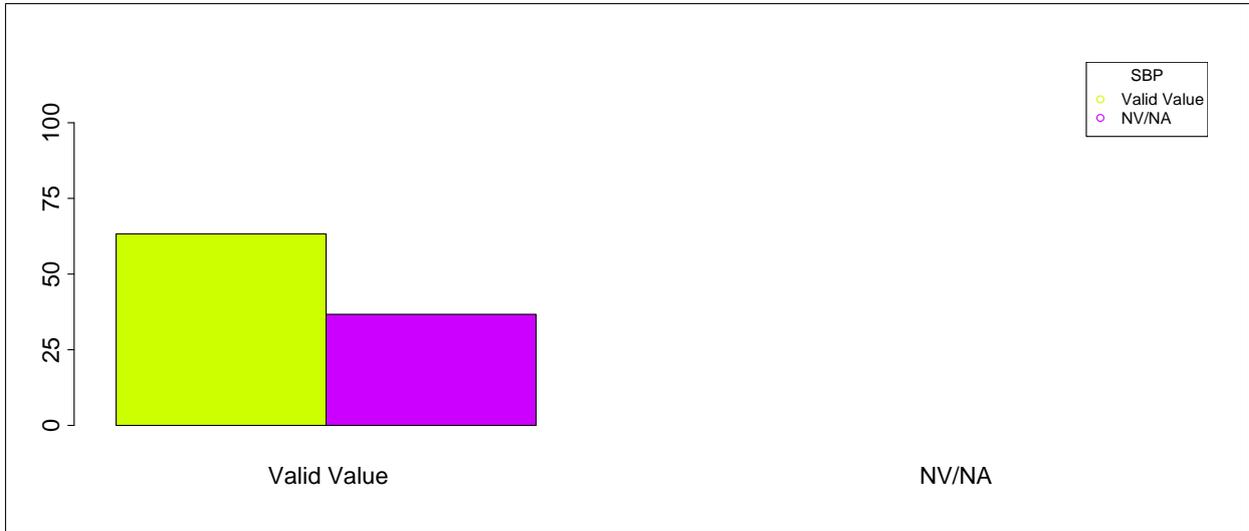
Barplot: 5.3.3.1 - Missing Data SBP (by Type of Diabetes)



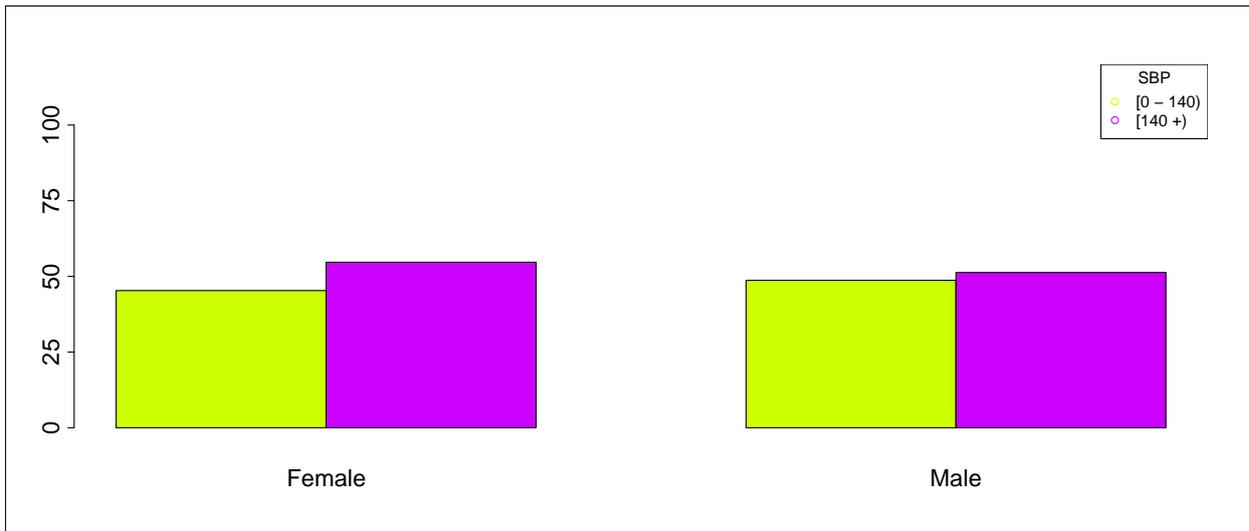
Barplot: 5.3.3.2 - SBP (by Type of Diabetes)

5.3.3 % of subjects with most recent blood pressure less than 140/90 mmHg

---

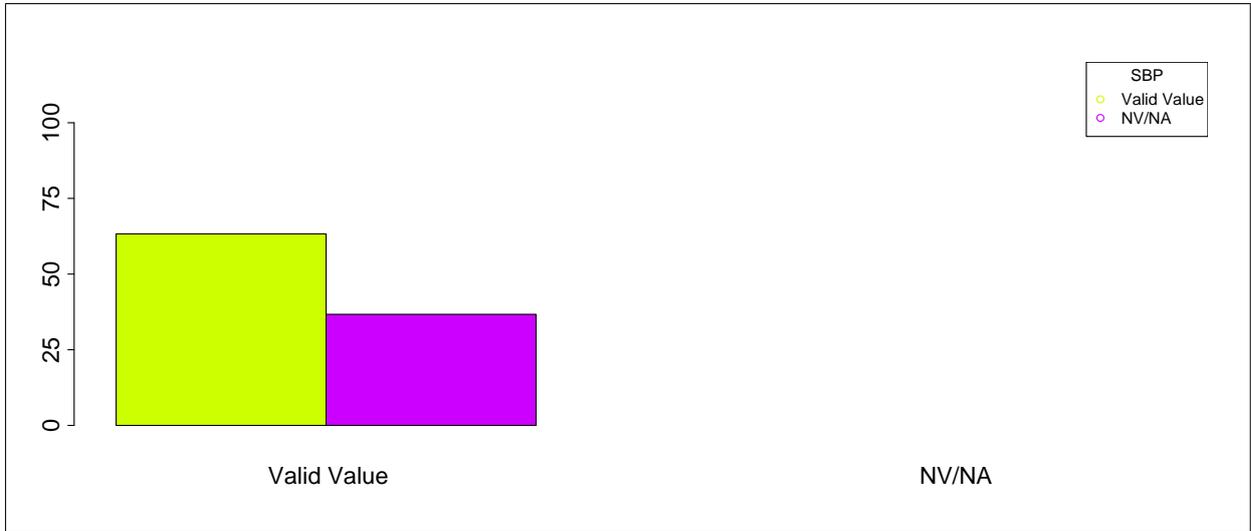


Barplot: 5.3.3.3 - Missing Data SBP (by Gender)

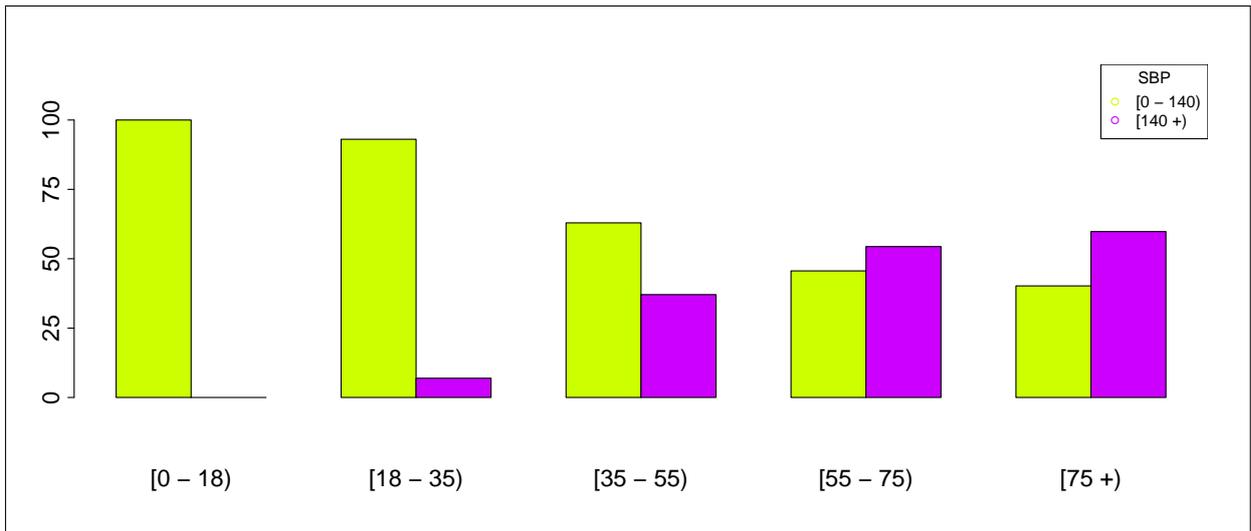


Barplot: 5.3.3.4 - SBP (by Gender)

5.3.3 % of subjects with most recent blood pressure less than 140/90 mmHg



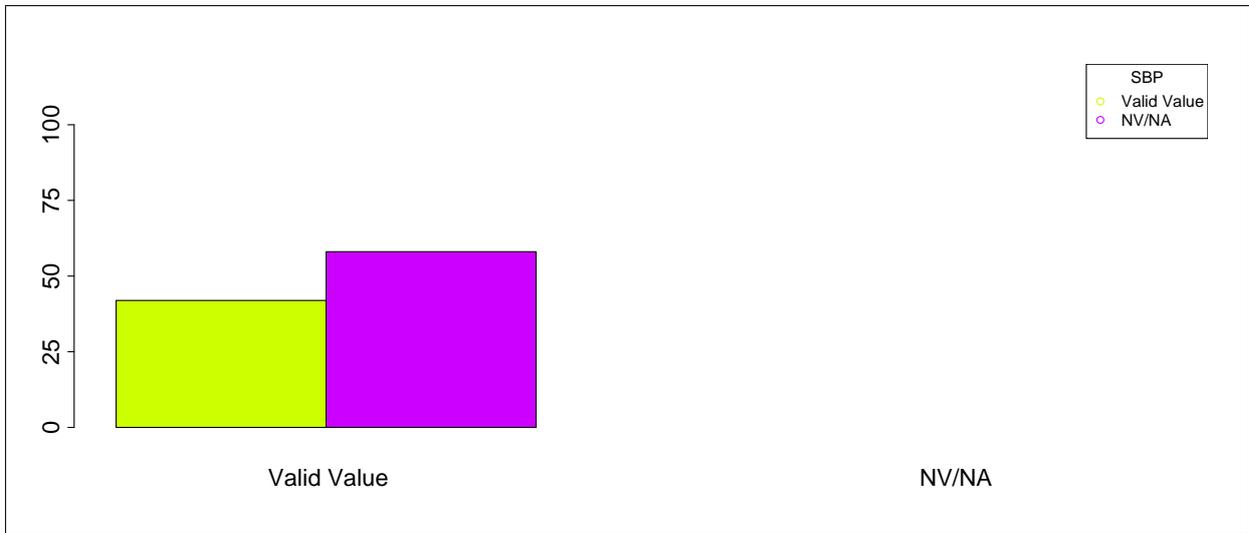
Barplot: 5.3.3.5 - Missing Data SBP (by Age)



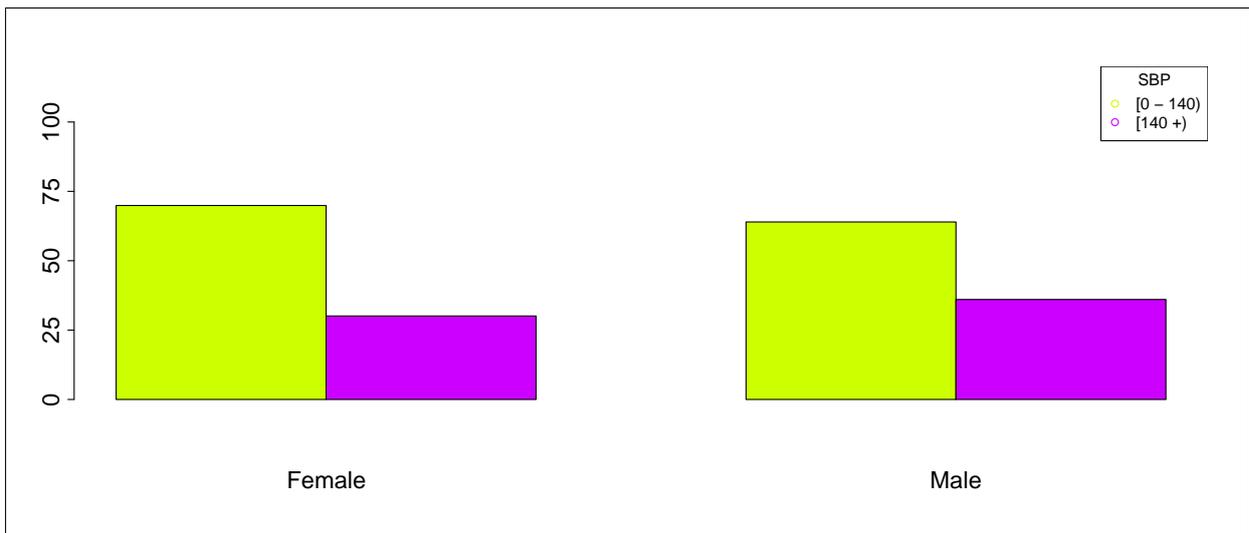
Barplot: 5.3.3.6 - SBP (by Age)

5.3.3 % of subjects with most recent blood pressure less than 140/90 mmHg  
**Type of Diabetes = Type 1**

---

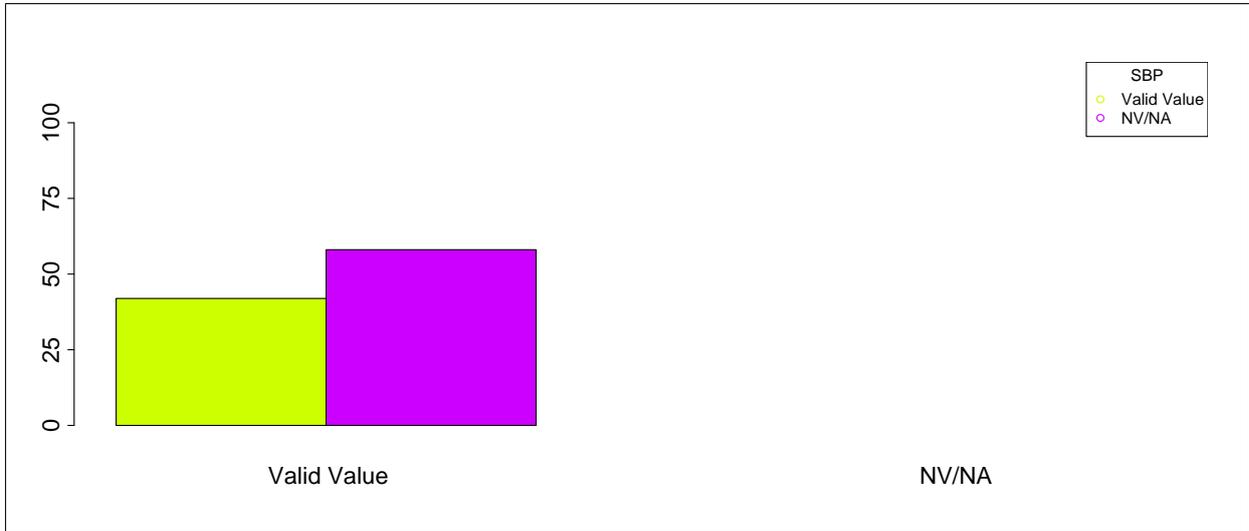


Barplot: 5.3.3.7 - Missing Data SBP (by Gender, Type of Diabetes = Type 1)

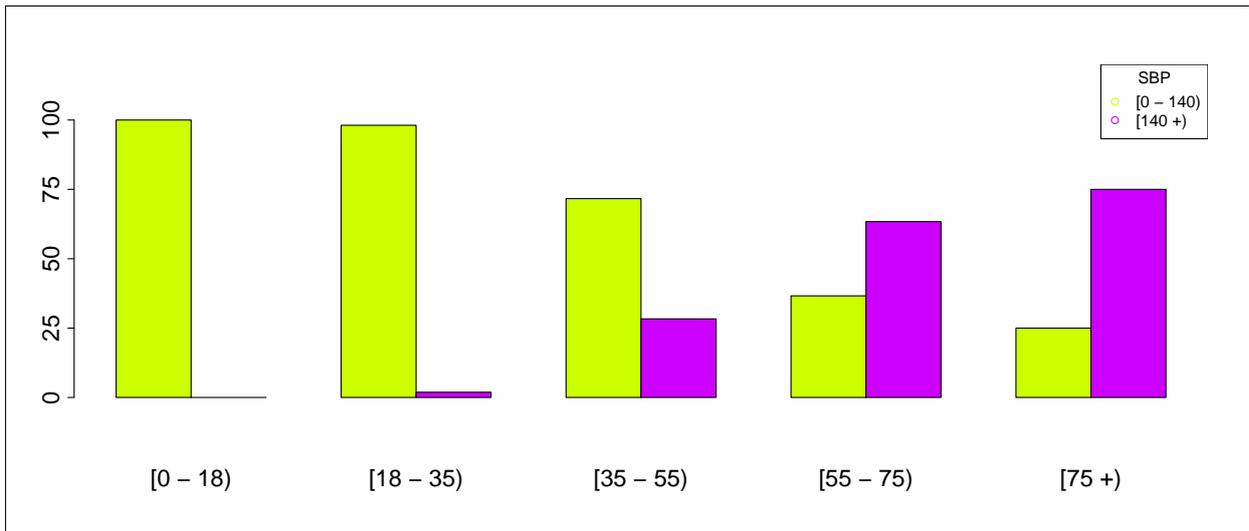


Barplot: 5.3.3.8 - SBP (by Gender, Type of Diabetes = Type 1)

5.3.3 % of subjects with most recent blood pressure less than 140/90 mmHg  
**Type of Diabetes = Type 1**



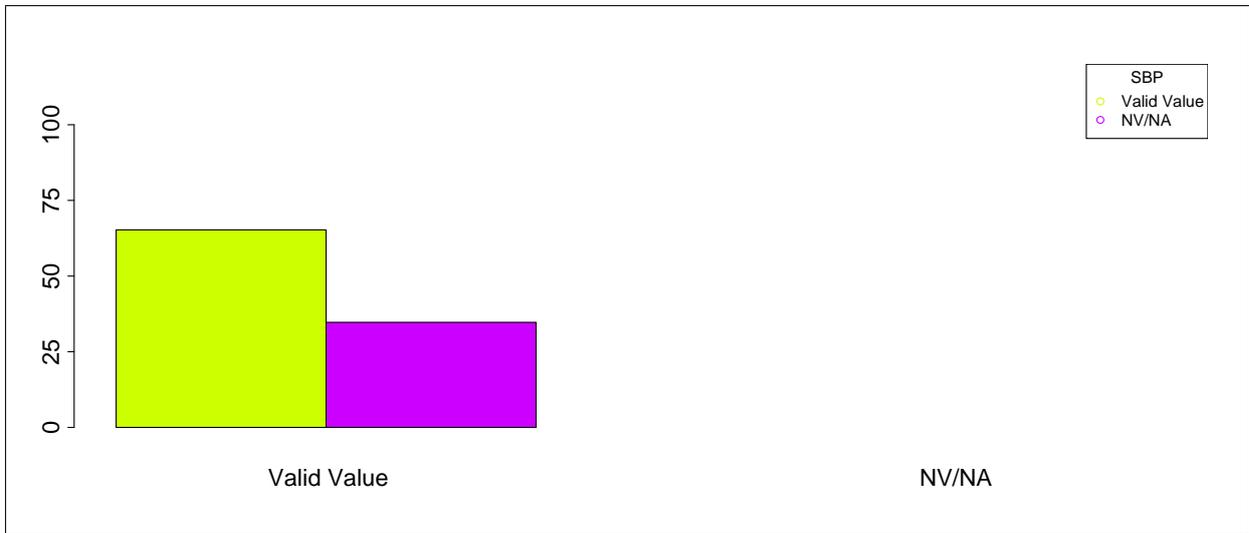
Barplot: 5.3.3.9 - Missing Data SBP (by Age, Type of Diabetes = Type 1)



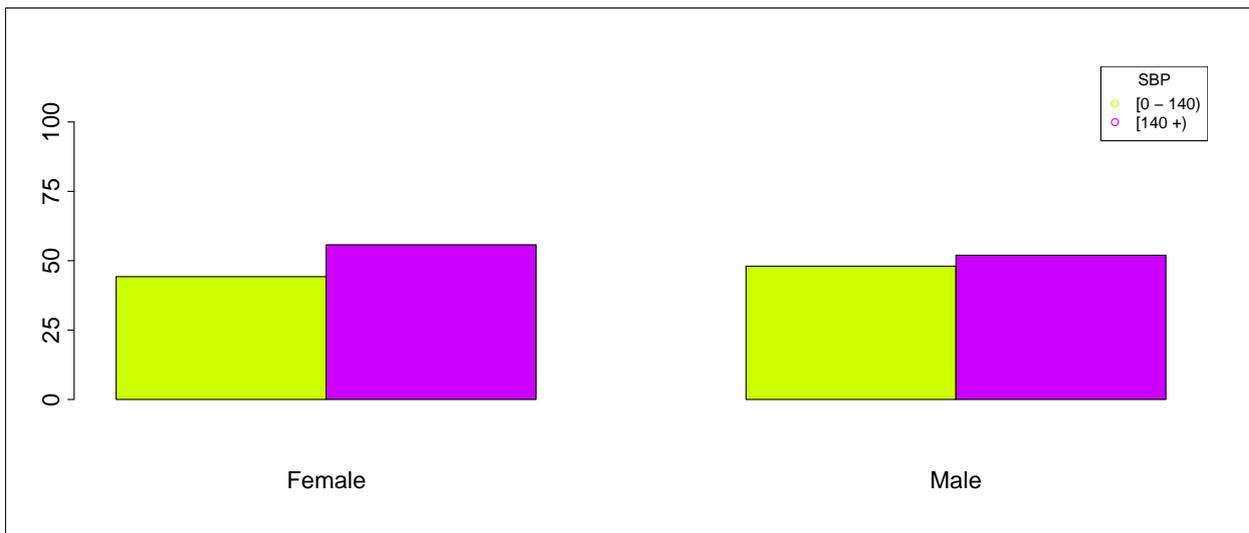
Barplot: 5.3.3.10 - SBP (by Age, Type of Diabetes = Type 1)

5.3.3 % of subjects with most recent blood pressure less than 140/90 mmHg  
**Type of Diabetes = Type 2**

---



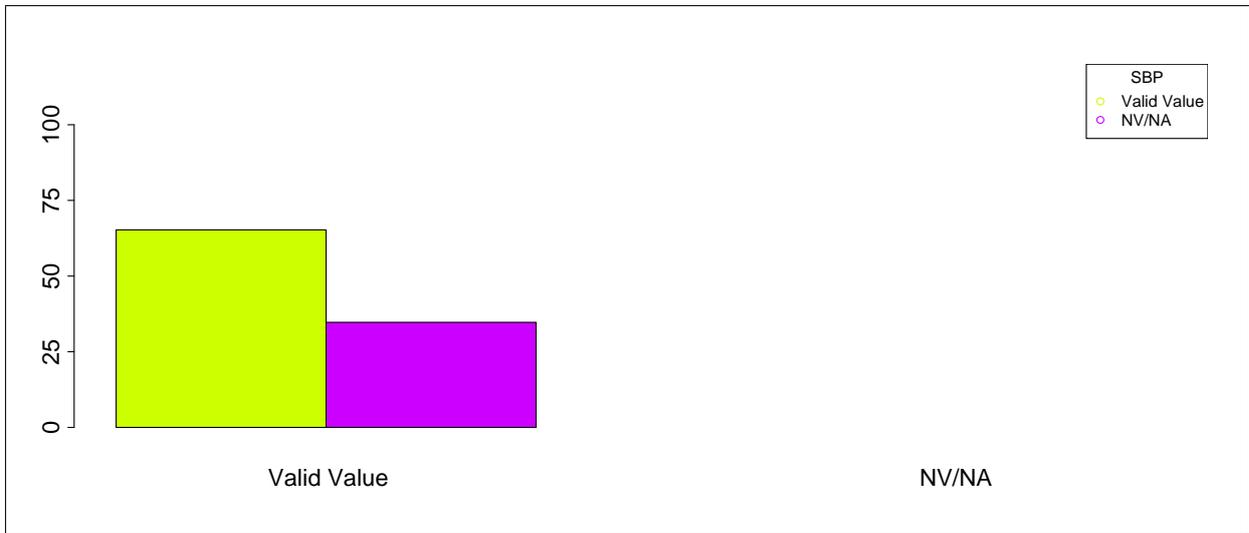
Barplot: 5.3.3.11 - Missing Data SBP (by Gender, Type of Diabetes = Type 2)



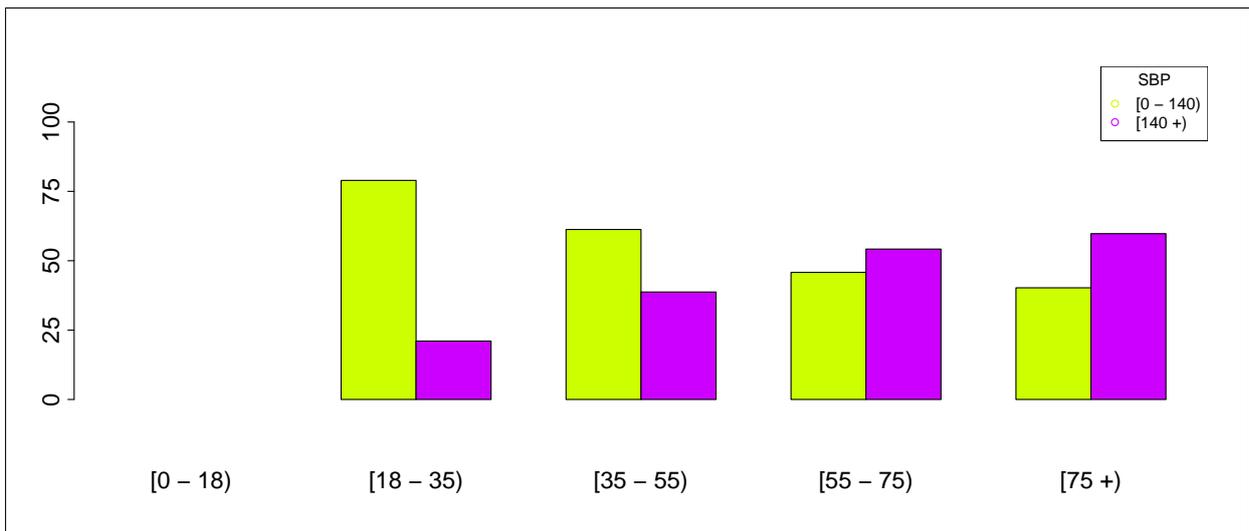
Barplot: 5.3.3.12 - SBP (by Gender, Type of Diabetes = Type 2)

5.3.3 % of subjects with most recent blood pressure less than 140/90 mmHg  
**Type of Diabetes = Type 2**

---



Barplot: 5.3.3.13 - Missing Data SBP (by Age, Type of Diabetes = Type 2)



Barplot: 5.3.3.14 - SBP (by Age, Type of Diabetes = Type 2)

## 5.4. Outcome quality - terminal outcomes

**Chapter 6**

**Appendix**

## 1.1 Age (Classes)

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 2.1.1 Type of diabetes

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 2.1.2. Duration of diabetes (Classes)

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 2.2.1.1. Weight (last episode in 12 months)

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 2.2.3.1. Systolic BP (last episode in 12 months)

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 2.2.3.2. Diastolic BP (last episode in 12 months)

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 2.2.3.3 Total cholesterol (last episode in 12 months)

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

#### 2.2.3.4. HDL-cholesterol (last episode in 12 months)

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 2.2.3.5 Creatinine (last episode in 12 months)

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 2.2.3.6. HbA1c (last episode in 12 months)

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 3.1.2 Average diabetes population

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 3.3.3.1 BP (last episode in 12 months)

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 3.3.3.2 Lipids

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 3.3.3.4 HbA1c (last episode in 12 months)

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 3.3.4.4.1 Glucose Lowering: Diet Only (last episode in 12 months)

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 3.3.4.4.2 Glucose Lowering: Tablets Only (last episode in 12 months)

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 3.3.4.4.3 Glucose Lowering: Insulin Only (last episode in 12 months)

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

#### 3.3.4.4.4 Glucose Lowering: Insulin and Tablets (last episode in 12 months)

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 3.3.5.2 Visit Frequency

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 5.1.2. Age at diagnosis by 10 year age bands

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 5.2.1 % of subjects with 1+ HbA1c tests in last 12 months

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 5.2.6 % with serum creatinine tested in last 12 months

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

**5.2.7 % of subjects with diabetes and one or more blood pressure measurements within the last 12 months**

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 5.2.10 % of subjects treated with insulin

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

**5.3.1 % of subjects with most recent HbA1c level greater than 9.0 pct (poor control)**

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni

### 5.3.2 % of subjects with most recent HbA1c level greater than 7,5 pct

centre id	dbname
2	foligno
2	spoleto
2	orvieto
2	gubbio
2	perugia
2	terni