

B.I.R.O. Project

Local Report

May 4, 2009

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Chapter 1

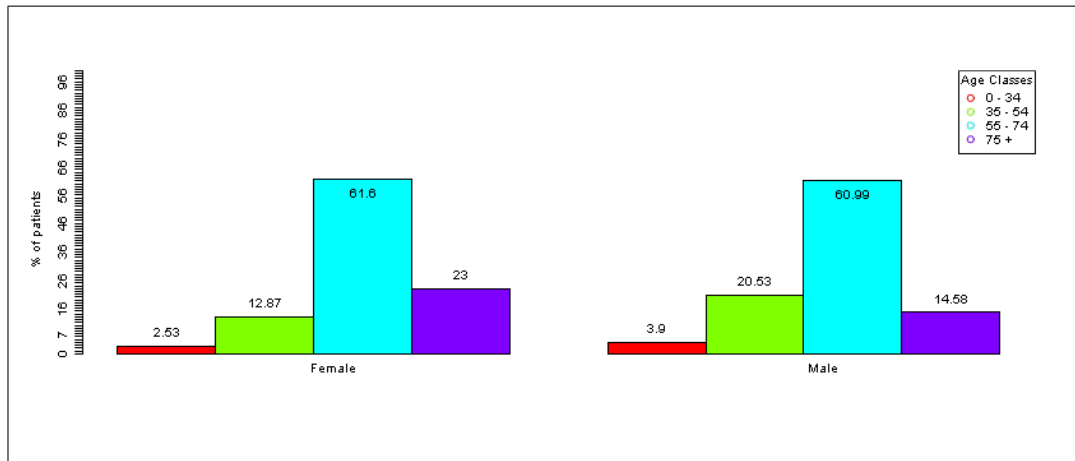
Demographic characteristics

1.1. Age (Classes)

Reference Date: 31/12/2008

Age Classes	Female (%)	Male (%)	PT	
0 - 34	13 (40.62)	19 (59.38)	32	32
35 - 54	66 (39.76)	100 (60.24)	166	166
55 - 74	316 (51.55)	297 (48.45)	613	613
75 +	118 (62.43)	71 (37.57)	189	189
	513	487		1000

Age Classes (by Gender)



Barplot: Age Classes (by Gender)

Chapter 2

Clinical characteristics

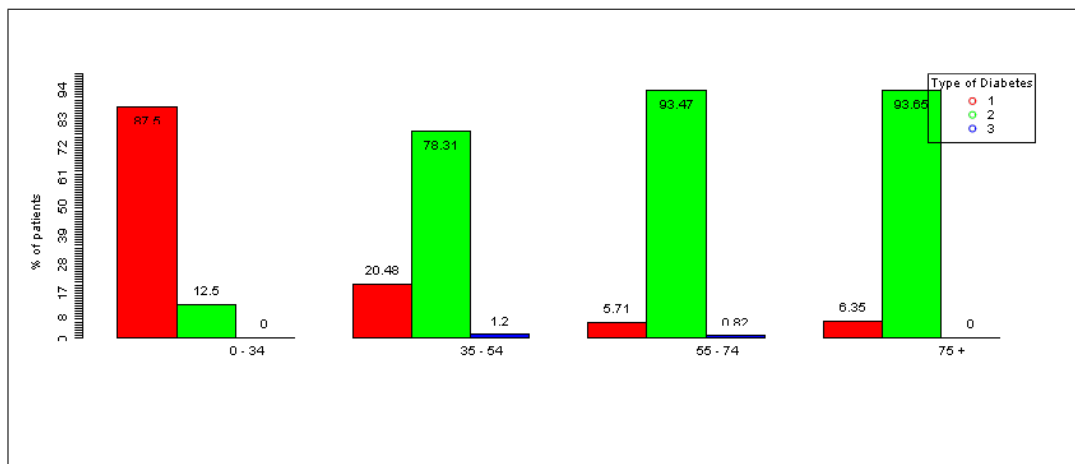
2.1 Diabetes Status

2.1.1. Type of diabetes

Reference Date: 31/12/2008

Type of Diabetes	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)	PT	
Type 1	28 (25.69)	34 (31.19)	35 (32.11)	12 (11.01)	109	109
Type 2	4 (0.45)	130 (14.71)	573 (64.82)	177 (20.02)	884	884
Other Type	0 (0)	2 (28.57)	5 (71.43)	0 (0)	7	7
	32	166	613	189		1000

Type of Diabetes (by Age Classes)



Barplot: Type of Diabetes (by Age Classes)

2.1.2. Duration of diabetes (Classes)

Reference Date: 31/12/2008

HbA1c done	Other Type									
	0 - 9			10 - 19			20 +			
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	
Yes	1 (100)	0 (0)	1	1 (100)	0 (0)	1	0 (0)	0 (0)	0	2
No	0 (0)	1 (100)	1	3 (100)	0 (0)	3	0 (0)	0 (0)	0	4
	1	1		4	0		0	0		6

chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs

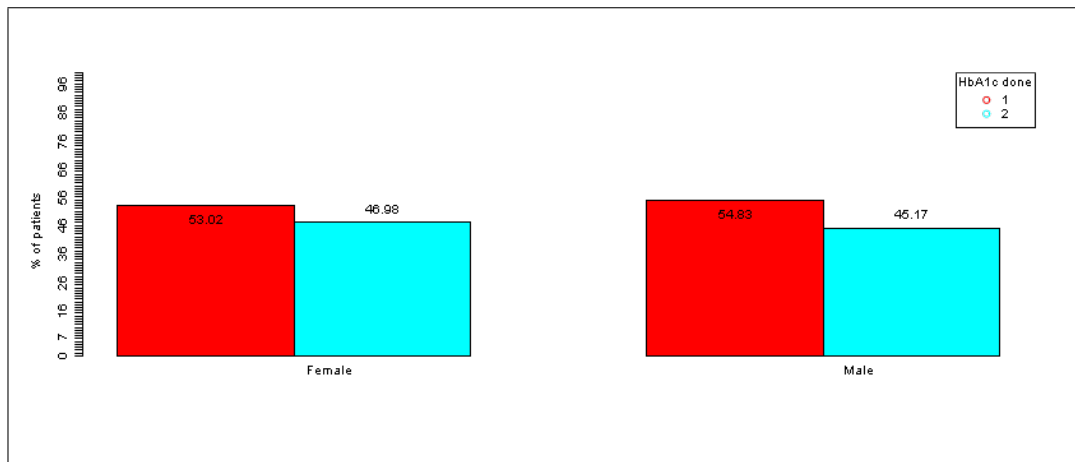
HbA1c done	Type 1									
	0 - 9			10 - 19			20 +			
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	
Yes	7 (58.33)	5 (41.67)	12	18 (56.25)	14 (43.75)	32	2 (22.22)	7 (77.78)	9	53
No	10 (55.56)	8 (44.44)	18	8 (44.44)	10 (55.56)	18	6 (85.71)	1 (14.29)	7	43
	17	13		26	24		8	8		96

chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs

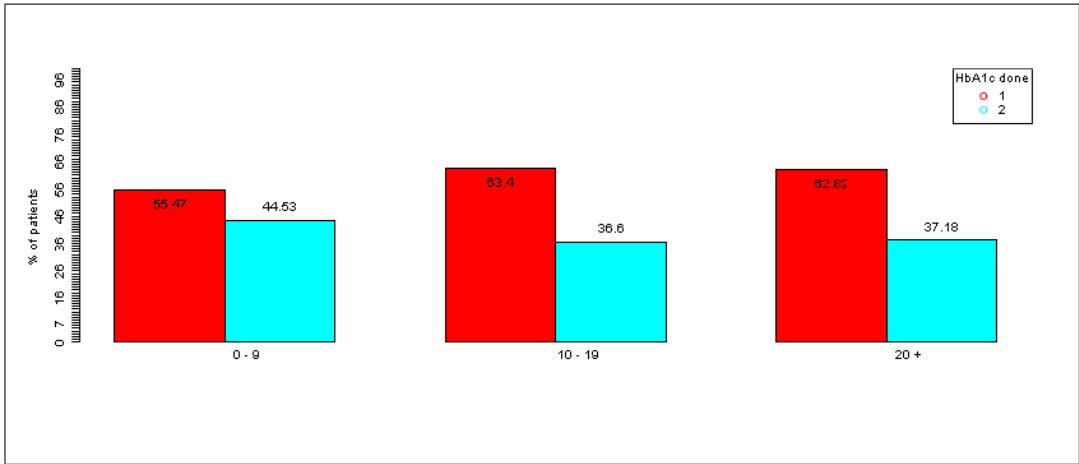
HbA1c done	Type 2									
	0 - 9			10 - 19			20 +			
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	
Yes	100 (46.51)	115 (53.49)	215	102 (54.55)	85 (45.45)	187	22 (55)	18 (45)	40	442
No	80 (48.78)	84 (51.22)	164	56 (52.83)	50 (47.17)	106	10 (45.45)	12 (54.55)	22	292
	180	199		158	135		32	30		734

HbA1c done (by Type of Diabetes,Duration of Diabetes,Gender)

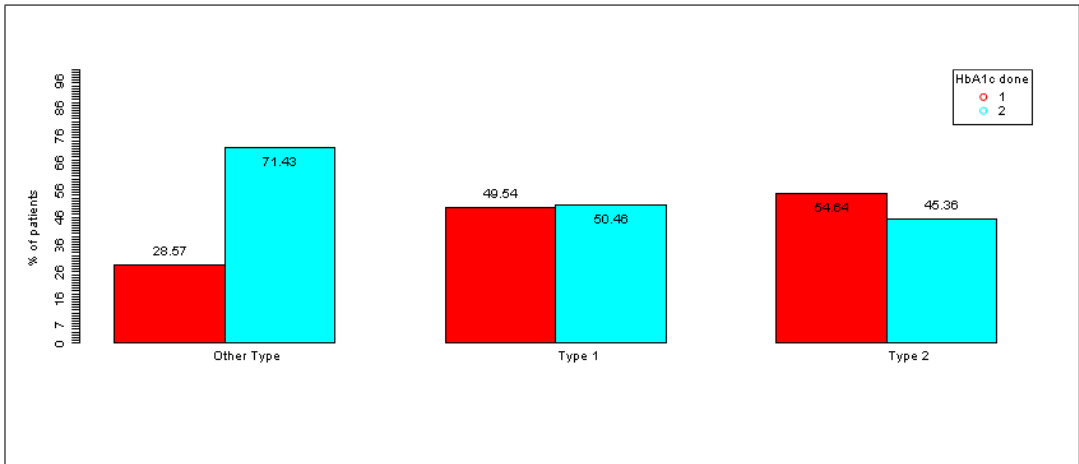
chitab Chi-Squared p.value df
C-M-H Chi-Squared Test 0.00374026012736398 0.9512336 1



Barplot: HbA1c done (by Type of Diabetes)



Barplot: HbA1c done (by Duration of Diabetes)



Barplot: HbA1c done (by Gender)

2.2 Risk Factors

2.2.1.1. Weight (last episode in 12 months)

Reference Date: 31/12/2008

Weight	Other Type											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
0 - 49	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
50 - 69	0 (0)	0 (0)	0	1 (100)	0 (0)	1	0 (0)	0 (0)	0	0 (0)	0 (0)	0
70 - 89	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
90 - 109	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
110 - 129	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
130 +	0 (0)	0 (0)	0	0 (0)	0 (0)	0	1 (100)	0 (0)	1	0 (0)	0 (0)	0
	0	0		1	0		1	0		0	0	2

chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs

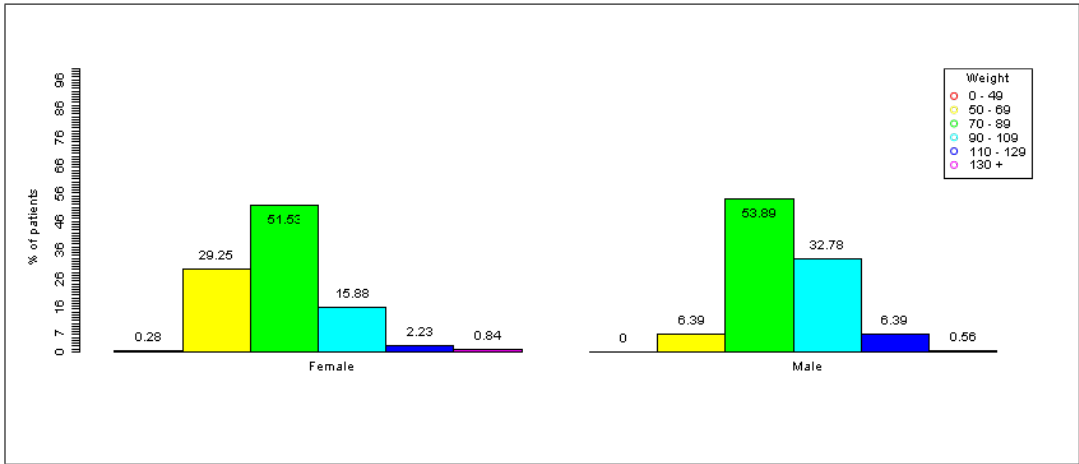
Weight	Type 1											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
0 - 49	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
50 - 69	5 (83.33)	1 (16.67)	6	5 (71.43)	2 (28.57)	7	3 (60)	2 (40)	5	1 (100)	0 (0)	1
70 - 89	4 (44.44)	5 (55.56)	9	5 (38.46)	8 (61.54)	13	4 (44.44)	5 (55.56)	9	1 (50)	1 (50)	2
90 - 109	1 (33.33)	2 (66.67)	3	2 (100)	0 (0)	2	2 (33.33)	4 (66.67)	6	0 (0)	0 (0)	0
110 - 129	0 (0)	0 (0)	0	1 (100)	0 (0)	1	0 (0)	0 (0)	0	0 (0)	0 (0)	0
130 +	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
	10	8		13	10		9	11		2	1	64

chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs

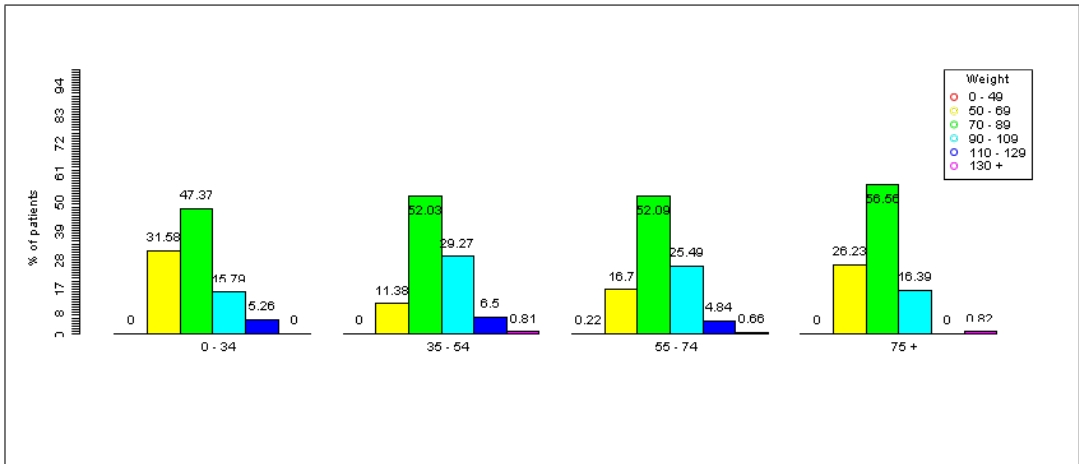
Weight	Type 2											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
0 - 49	0 (0)	0 (0)	0	0 (0)	0 (0)	0	1 (100)	0 (0)	1	0 (0)	0 (0)	0
50 - 69	0 (0)	0 (0)	0	4 (66.67)	2 (33.33)	6	60 (84.51)	11 (15.49)	71	26 (83.87)	5 (16.13)	31
70 - 89	0 (0)	0 (0)	0	18 (35.29)	33 (64.71)	51	115 (50.44)	113 (49.56)	228	38 (56.72)	29 (43.28)	67
90 - 109	0 (0)	0 (0)	0	10 (29.41)	24 (70.59)	34	35 (31.82)	75 (68.18)	110	7 (35)	13 (65)	20
110 - 129	0 (0)	1 (100)	1	1 (14.29)	6 (85.71)	7	6 (27.27)	16 (72.73)	22	0 (0)	0 (0)	0
130 +	0 (0)	0 (0)	0	1 (100)	0 (0)	1	0 (0)	2 (100)	2	1 (100)	0 (0)	1
	0	1		34	65		217	217		72	47	653

Weight (by Gender, Age Classes, Type of Diabetes)

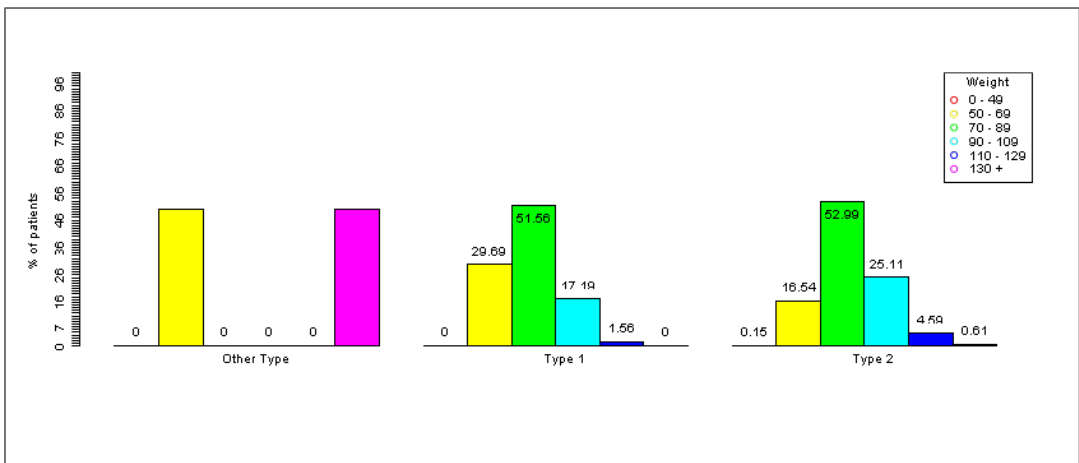
chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs



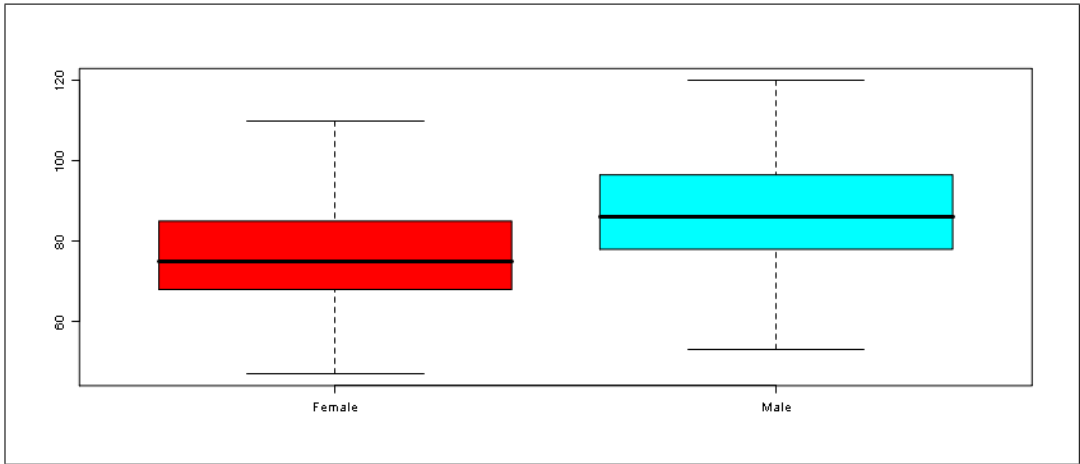
Barplot: Weight (by Gender)



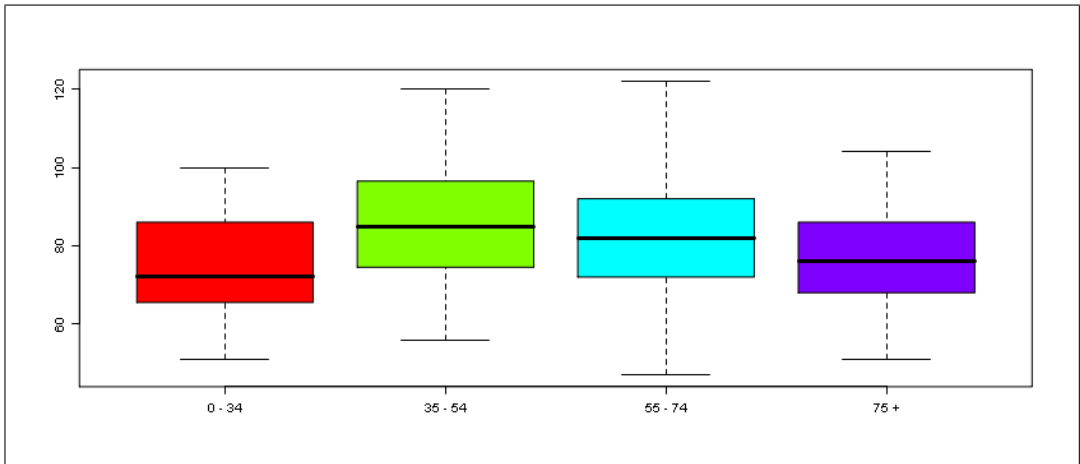
Barplot: Weight (by Age Classes)



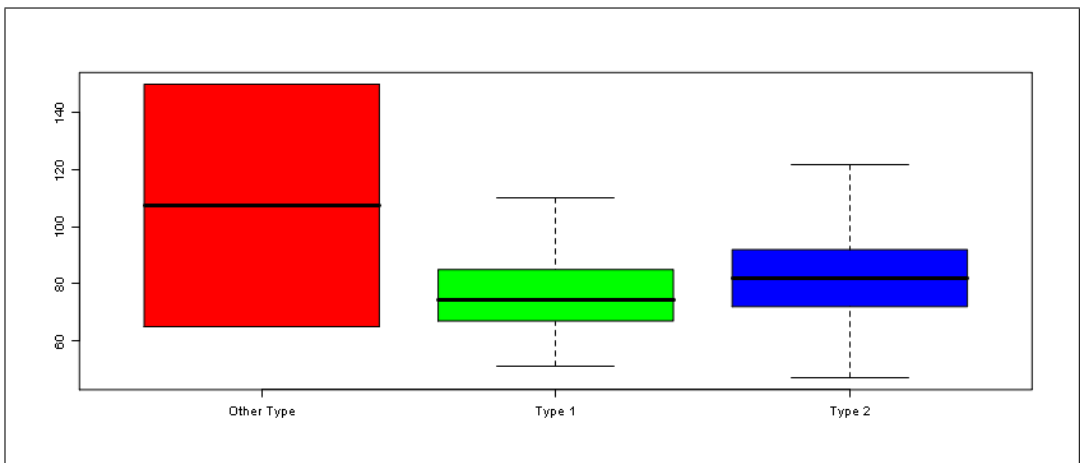
Barplot: Weight (by Type of Diabetes)



Boxplot: Weight (by Gender)



Boxplot: Weight (by Age Classes)



Boxplot: Weight (by Type of Diabetes)

2.2.1.2. BMI (last episode in 12 months)

Reference Date: 31/12/2008

BMI	Other Type											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
0 - 24	0 (0)	0 (0)	0	1 (100)	0 (0)	1	0 (0)	0 (0)	0	0 (0)	0 (0)	0
25 - 26	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
27 - 29	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
30 - 39	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
40 +	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
	0	0		1	0		0	0		0	0	1

chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs

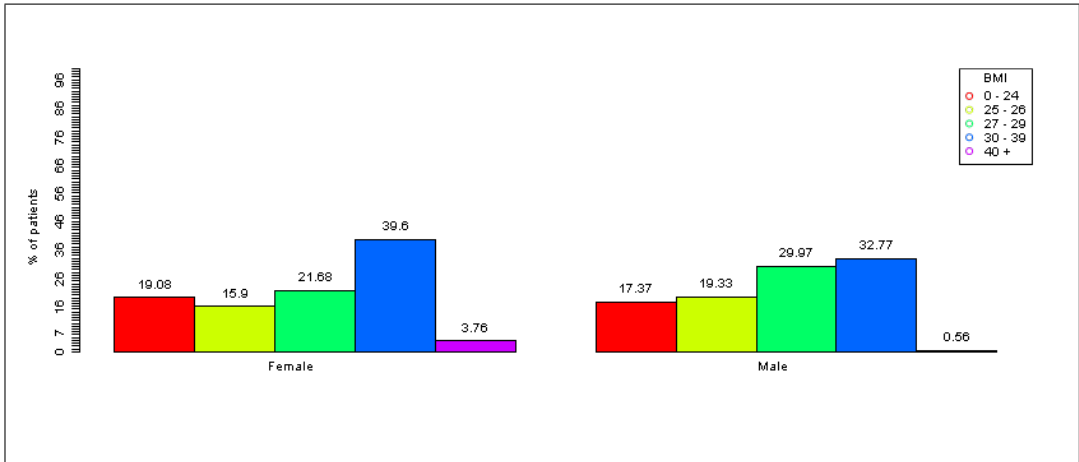
BMI	Type 1											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
0 - 24	6 (50)	6 (50)	12	5 (45.45)	6 (54.55)	11	2 (40)	3 (60)	5	0 (0)	0 (0)	0
25 - 26	1 (33.33)	2 (66.67)	3	1 (25)	3 (75)	4	3 (60)	2 (40)	5	1 (100)	0 (0)	1
27 - 29	1 (100)	0 (0)	1	3 (75)	1 (25)	4	1 (20)	4 (80)	5	0 (0)	1 (100)	1
30 - 39	2 (100)	0 (0)	2	1 (100)	0 (0)	1	2 (50)	2 (50)	4	1 (100)	0 (0)	1
40 +	0 (0)	0 (0)	0	1 (100)	0 (0)	1	1 (100)	0 (0)	1	0 (0)	0 (0)	0
	10	8		11	10		9	11		2	1	62

chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs

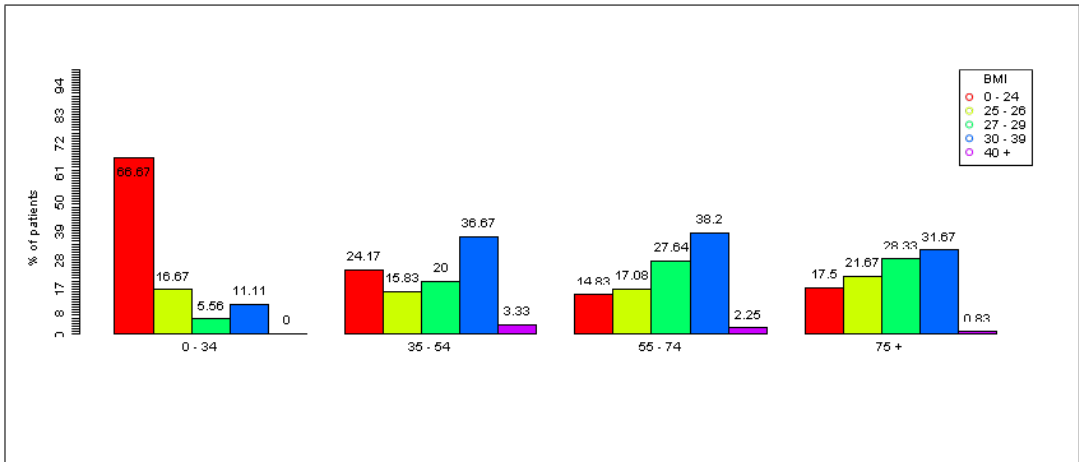
BMI	Type 2											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
0 - 24	0 (0)	0 (0)	0	5 (29.41)	12 (70.59)	17	34 (55.74)	27 (44.26)	61	13 (61.9)	8 (38.1)	21
25 - 26	0 (0)	0 (0)	0	3 (20)	12 (80)	15	32 (45.07)	39 (54.93)	71	14 (56)	11 (44)	25
27 - 29	0 (0)	0 (0)	0	7 (35)	13 (65)	20	45 (38.14)	73 (61.86)	118	18 (54.55)	15 (45.45)	33
30 - 39	0 (0)	0 (0)	0	15 (34.88)	28 (65.12)	43	92 (55.42)	74 (44.58)	166	24 (64.86)	13 (35.14)	37
40 +	0 (0)	0 (0)	0	3 (100)	0 (0)	3	7 (77.78)	2 (22.22)	9	1 (100)	0 (0)	1
	0	0		33	65		210	215		70	47	640

BMI (by Gender, Age Classes, Type of Diabetes)

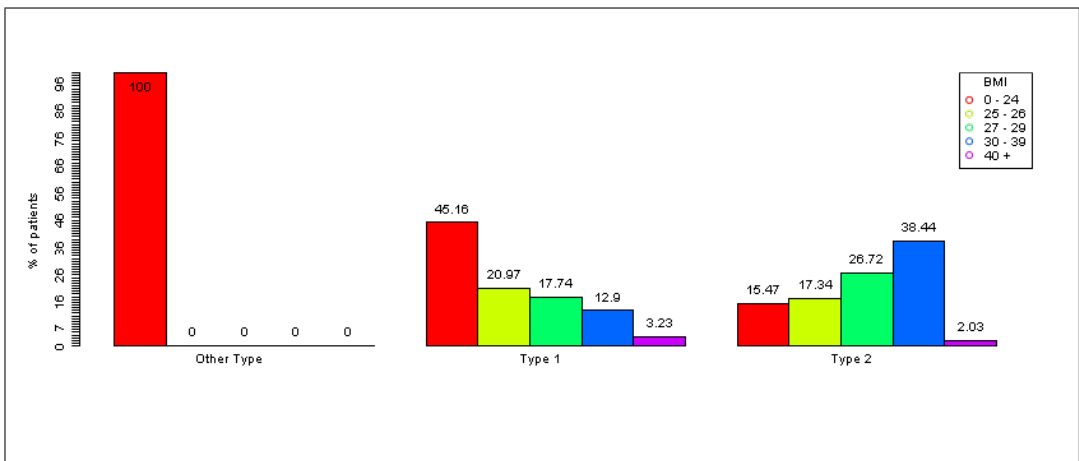
chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs



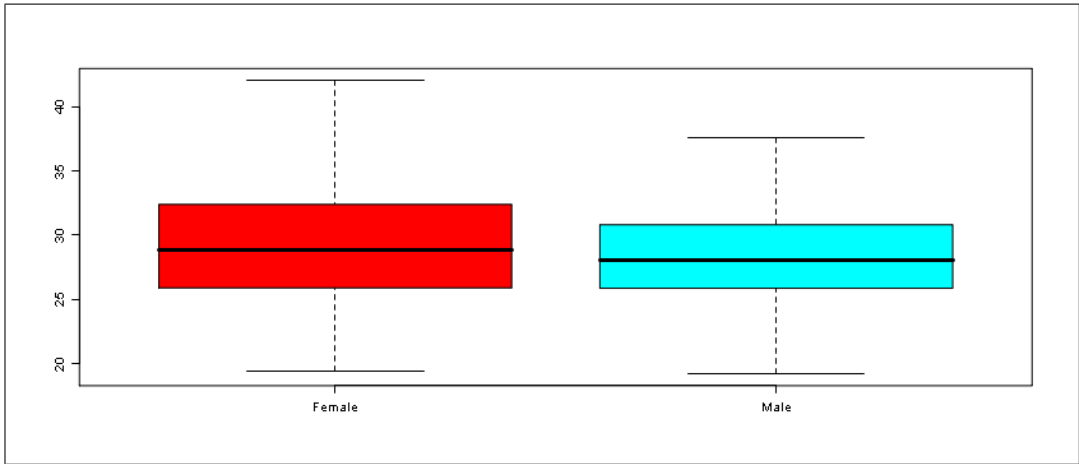
Barplot: BMI (by Gender)



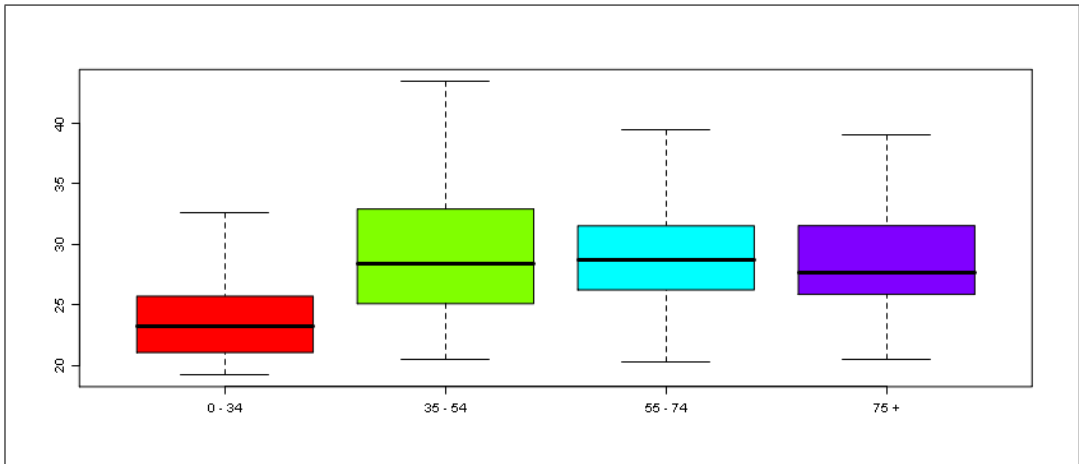
Barplot: BMI (by Age Classes)



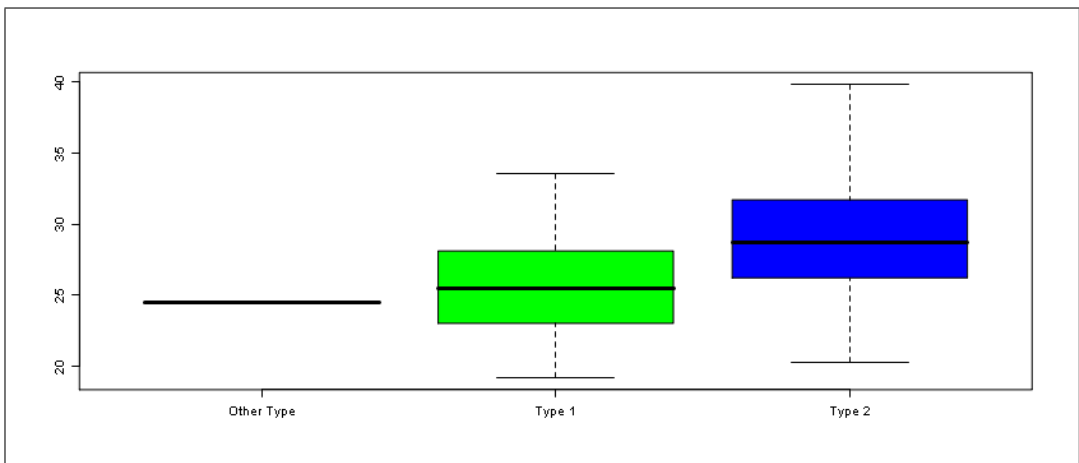
Barplot: BMI (by Type of Diabetes)



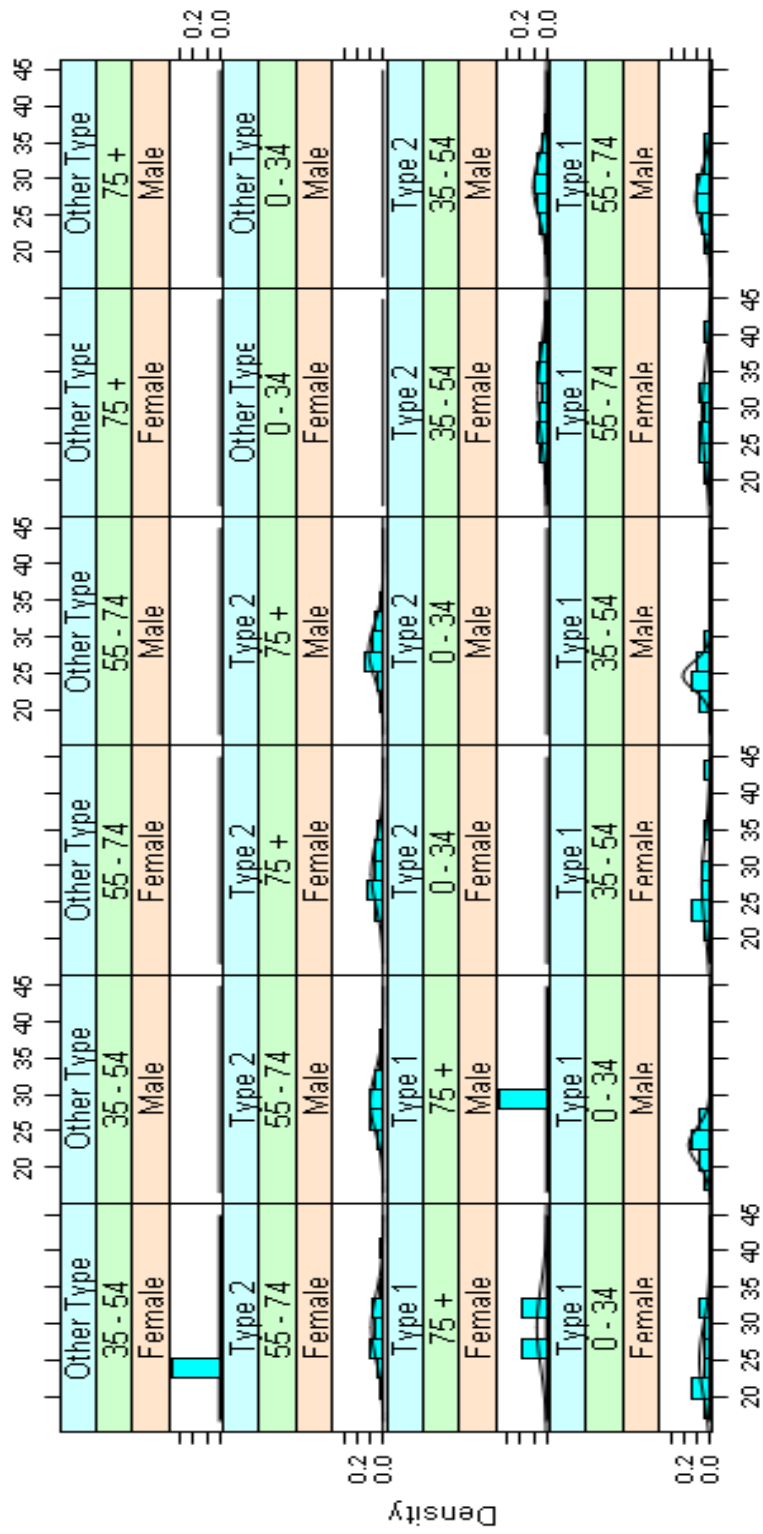
Boxplot: BMI (by Gender)



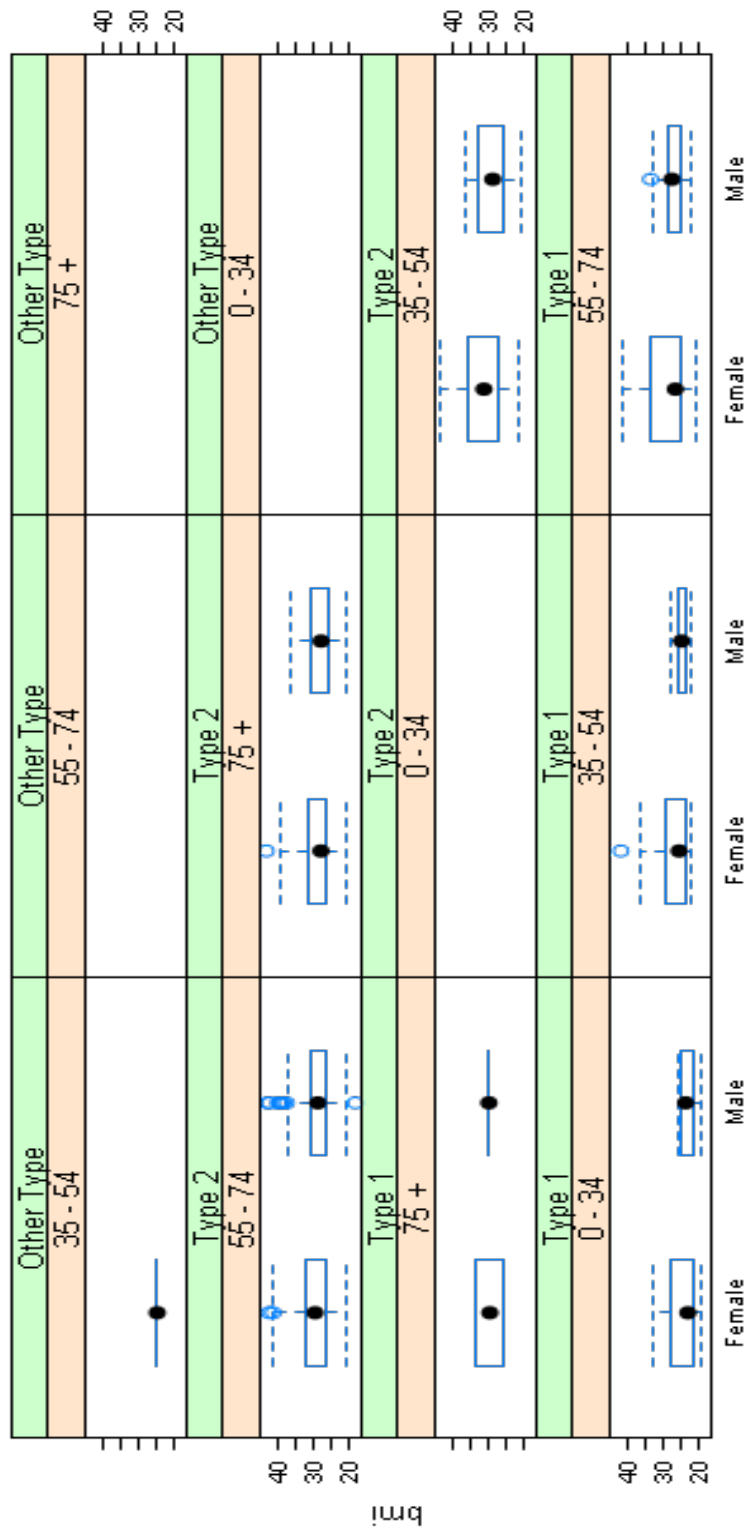
Boxplot: BMI (by Age Classes)



Boxplot: BMI (by Type of Diabetes)



Trellis density plot: BMI (by Gender, Age Classes, Type of Diabetes)



Trellis boxplot: BMI (by Gender, Age Classes, Type of Diabetes)

2.2.2.1 Smoking status (last episode in 12 months)

Reference Date: 31/12/2008

Smoking status	Other Type											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
Current smoker	0 (0)	0 (0)	0	1 (100)	0 (0)	1	0 (0)	0 (0)	0	0 (0)	0 (0)	0
Non-Smoker	0 (0)	0 (0)	0	1 (100)	0 (0)	1	3 (75)	1 (25)	4	0 (0)	0 (0)	0
Ex-Smoker	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
	0	0		2	0		3	1		0	0	6

chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs

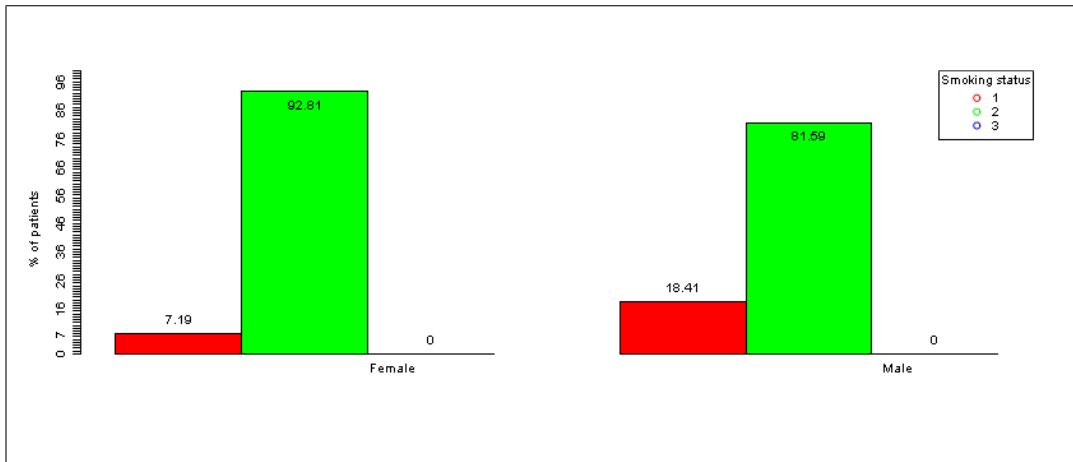
Smoking status	Type 1											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
Current smoker	0 (0)	3 (100)	3	0 (0)	3 (100)	3	1 (25)	3 (75)	4	0 (0)	0 (0)	0
Non-Smoker	11 (55)	9 (45)	20	15 (57.69)	11 (42.31)	26	17 (56.67)	13 (43.33)	30	5 (83.33)	1 (16.67)	6
Ex-Smoker	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
	11	12		15	14		18	16		5	1	92

chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs

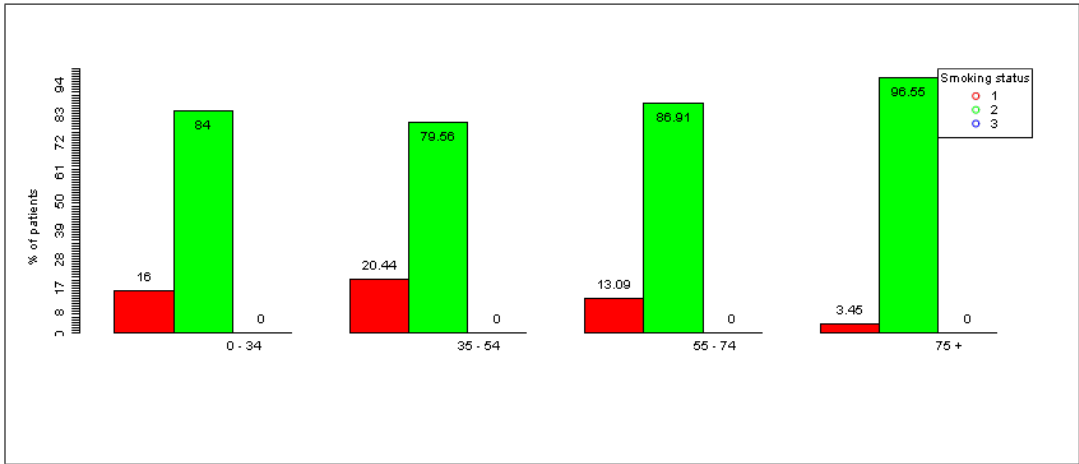
Smoking status	Type 2											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
Current smoker	0 (0)	1 (100)	1	6 (25)	18 (75)	24	21 (33.33)	42 (66.67)	63	1 (20)	4 (80)	5
Non-Smoker	1 (100)	0 (0)	1	29 (35.37)	53 (64.63)	82	220 (53.53)	191 (46.47)	411	85 (63.43)	49 (36.57)	134
Ex-Smoker	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
	1	1		35	71		241	233		86	53	721

Smoking status (by Gender, Age Classes, Type of Diabetes)

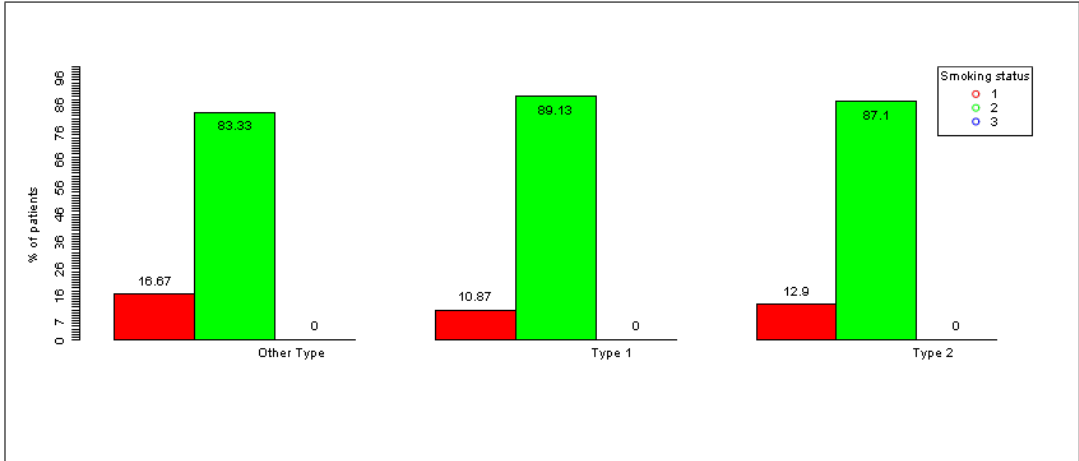
chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs



Barplot: Smoking status (by Gender)



Barplot: Smoking status (by Age Classes)



Barplot: Smoking status (by Type of Diabetes)

2.2.3.1. Systolic BP (last episode in 12 months)

Reference Date: 31/12/2008

SBP	Other Type											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
0 - 129	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
130 - 159	0 (0)	0 (0)	0	0 (0)	0 (0)	0	2 (100)	0 (0)	2	0 (0)	0 (0)	0
160 +	0 (0)	0 (0)	0	1 (100)	0 (0)	1	0 (0)	0 (0)	0	0 (0)	0 (0)	0
	0	0		1	0		2	0		0	0	3

chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs

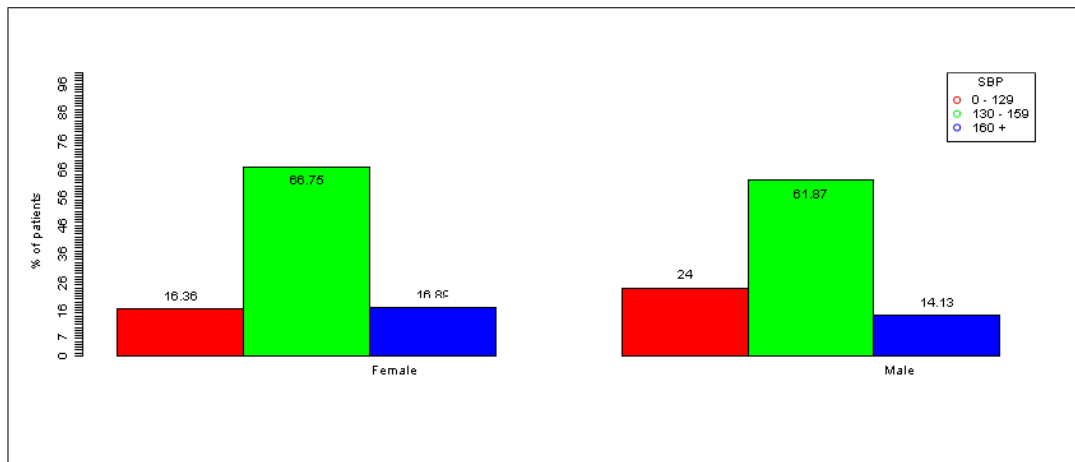
SBP	Type 1											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
0 - 129	3 (37.5)	5 (62.5)	8	3 (33.33)	6 (66.67)	9	1 (33.33)	2 (66.67)	3	0 (0)	0 (0)	0
130 - 159	5 (71.43)	2 (28.57)	7	8 (53.33)	7 (46.67)	15	9 (47.37)	10 (52.63)	19	1 (100)	0 (0)	1
160 +	0 (0)	0 (0)	0	1 (50)	1 (50)	2	2 (66.67)	1 (33.33)	3	2 (100)	0 (0)	2
	8	7		12	14		12	13		3	0	69

chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs

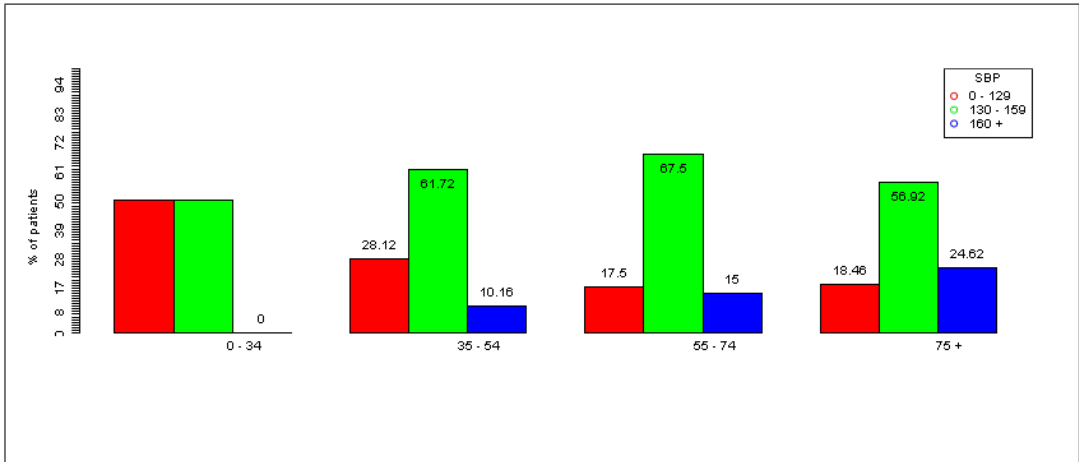
SBP	Type 2											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
0 - 129	0 (0)	0 (0)	0	9 (33.33)	18 (66.67)	27	35 (43.21)	46 (56.79)	81	11 (45.83)	13 (54.17)	24
130 - 159	0 (0)	1 (100)	1	22 (34.38)	42 (65.62)	64	153 (50.5)	150 (49.5)	303	53 (72.6)	20 (27.4)	73
160 +	0 (0)	0 (0)	0	3 (30)	7 (70)	10	38 (55.07)	31 (44.93)	69	17 (56.67)	13 (43.33)	30
	0	1		34	67		226	227		81	46	682

SBP (by Gender, Age Classes, Type of Diabetes)

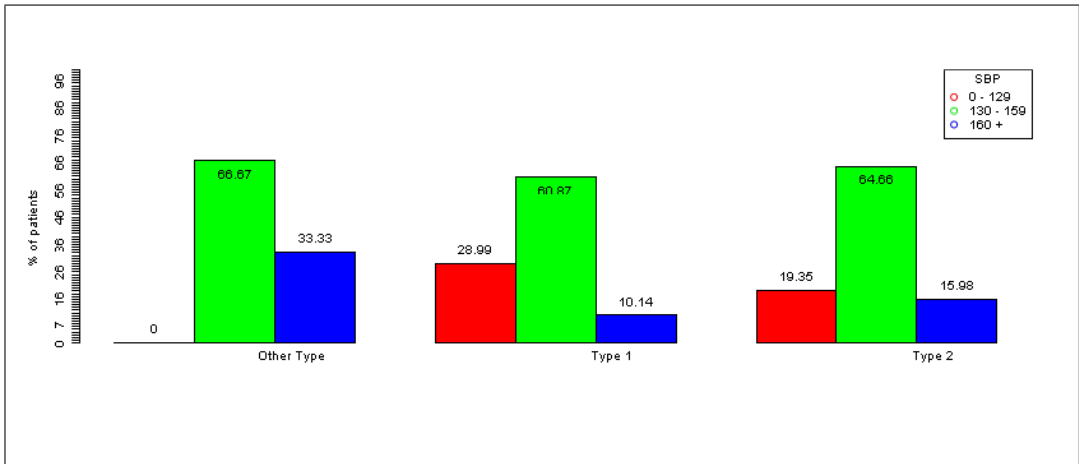
chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs



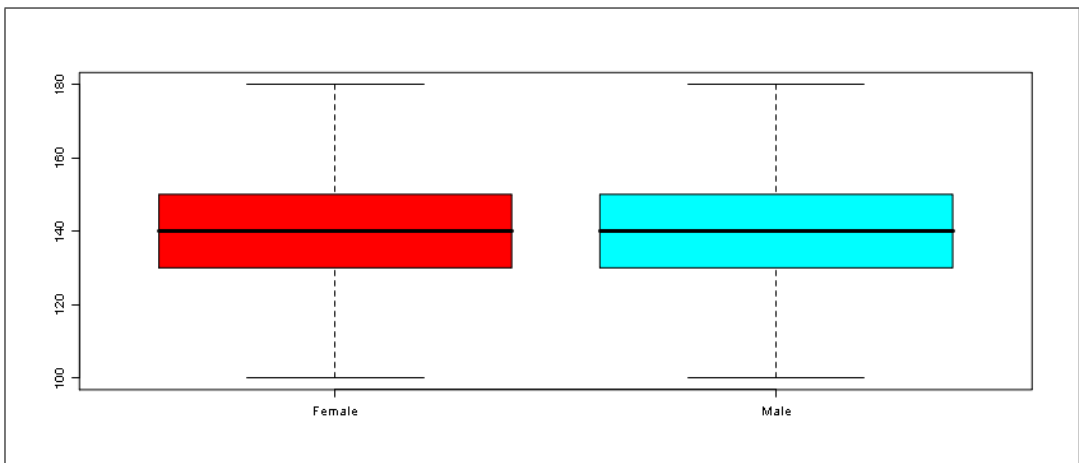
Barplot: SBP (by Gender)



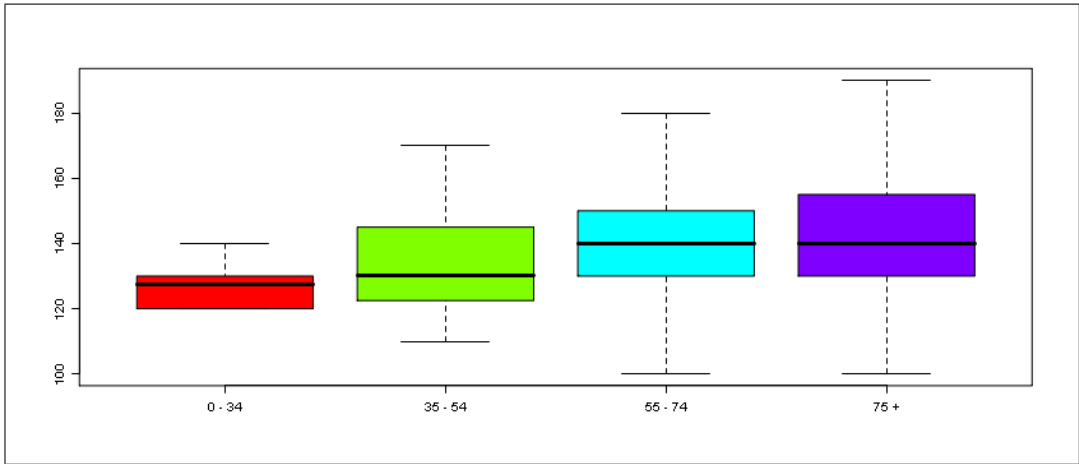
Barplot: SBP (by Age Classes)



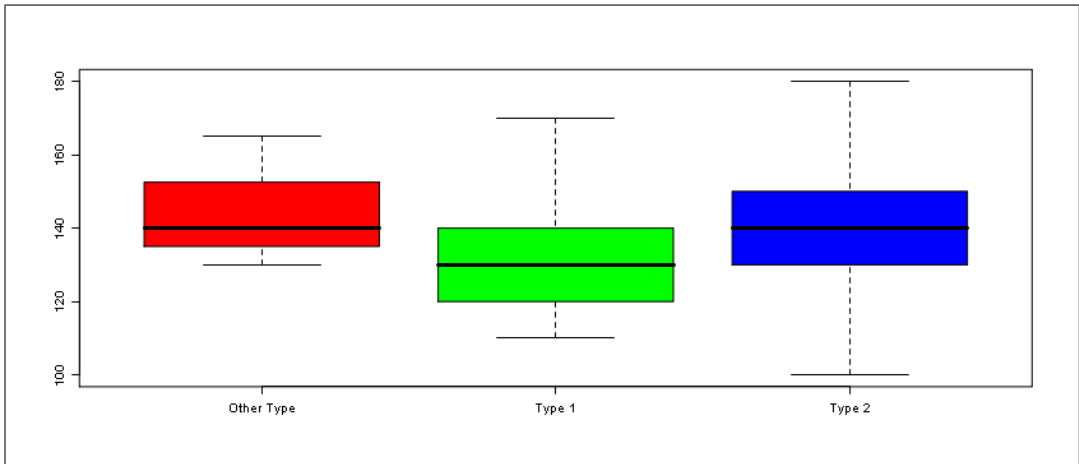
Barplot: SBP (by Type of Diabetes)



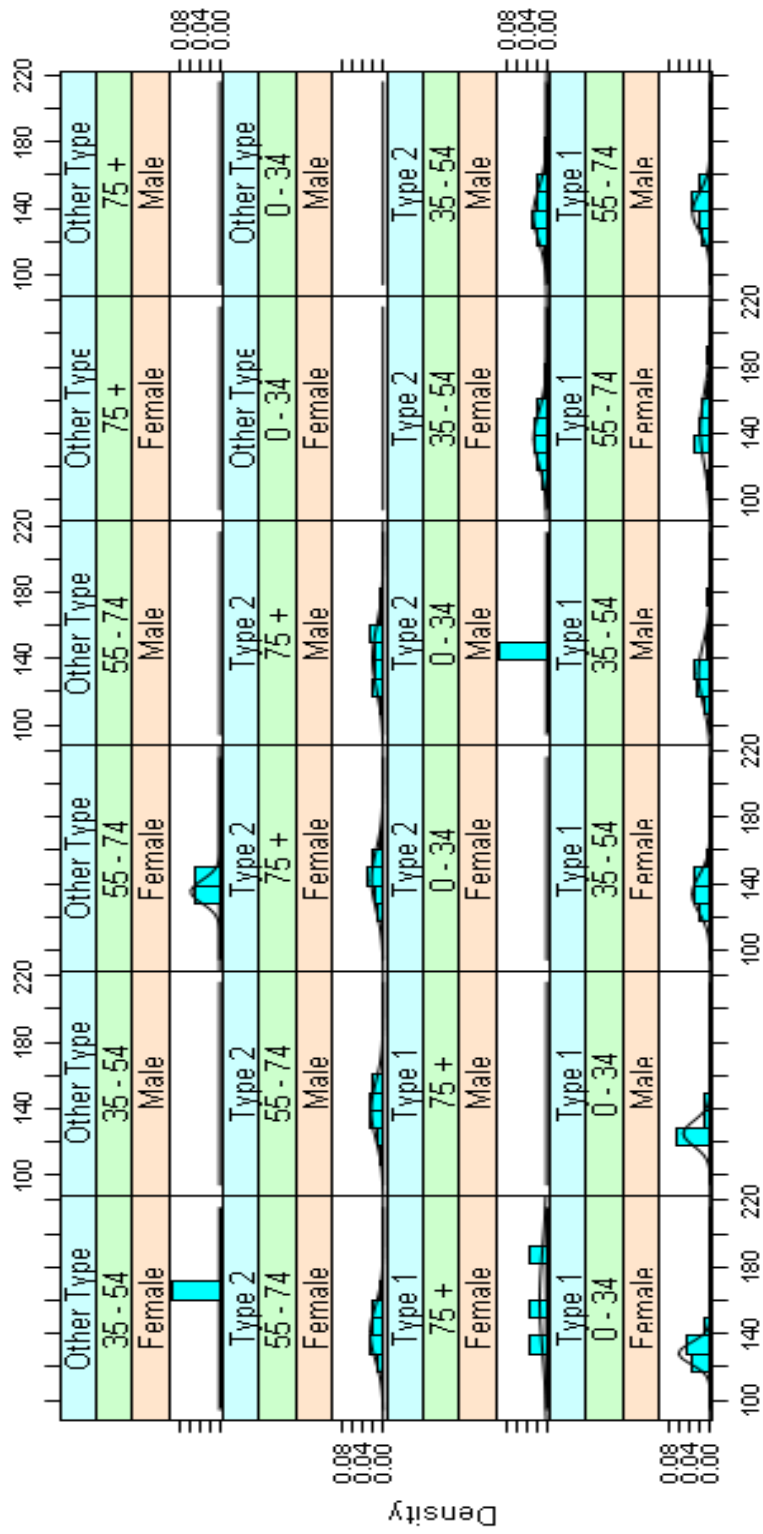
Boxplot: SBP (by Gender)



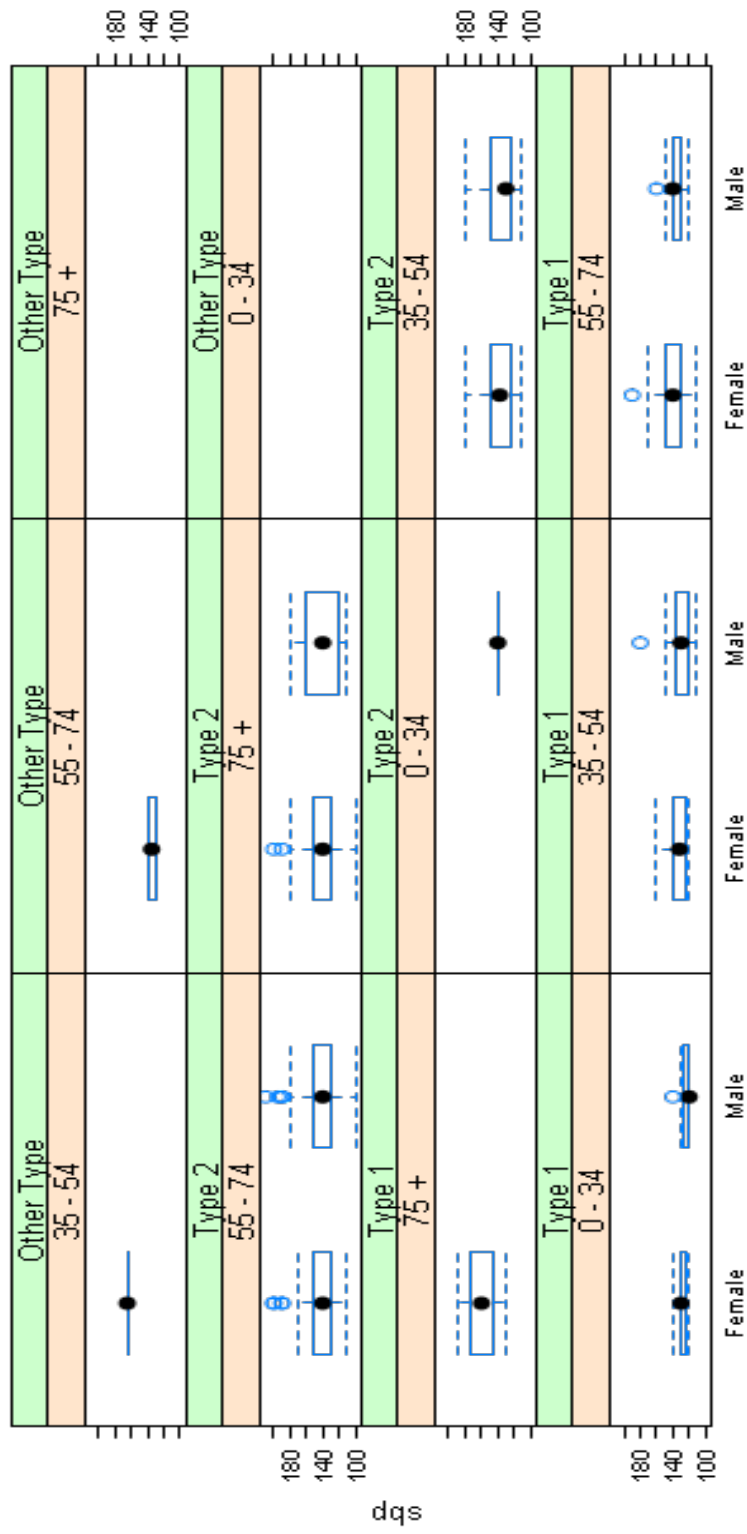
Boxplot: SBP (by Age Classes)



Boxplot: SBP (by Type of Diabetes)



Trellis density plot: SBP (by Gender, Age Classes, Type of Diabetes)



Trellis boxplot: SBP (by Gender, Age Classes, Type of Diabetes)

2.2.3.2. Diastolic BP (last episode in 12 months)

Reference Date: 31/12/2008

DBP	Other Type											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
0 - 69	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
70 - 99	0 (0)	0 (0)	0	1 (100)	0 (0)	1	2 (100)	0 (0)	2	0 (0)	0 (0)	0
100 - 119	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 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
	0	0		1	0		2	0		0	0	3

chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs

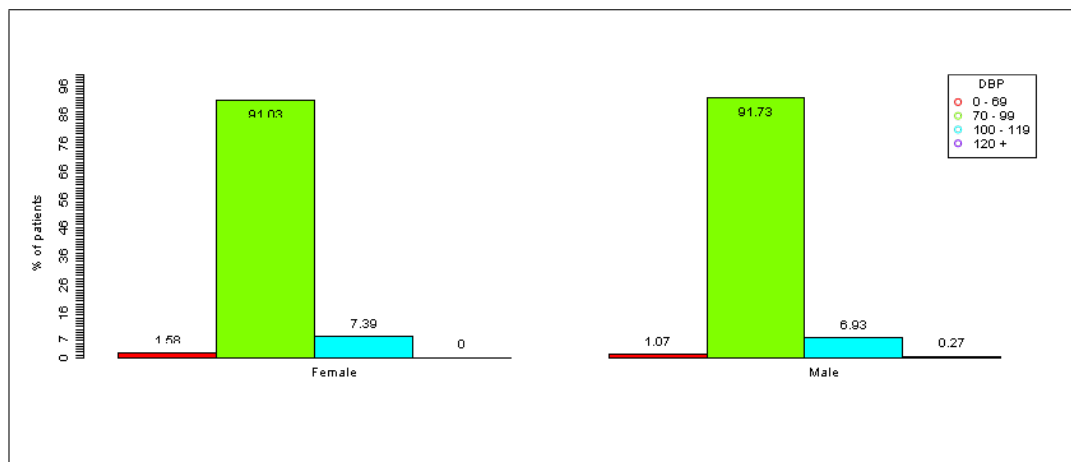
DBP	Type 1											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
0 - 69	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
70 - 99	8 (53.33)	7 (46.67)	15	12 (48)	13 (52)	25	11 (45.83)	13 (54.17)	24	1 (100)	0 (0)	1
100 - 119	0 (0)	0 (0)	0	0 (0)	1 (100)	1	1 (100)	0 (0)	1	2 (100)	0 (0)	2
120 +	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
	8	7		12	14		12	13		3	0	69

chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs

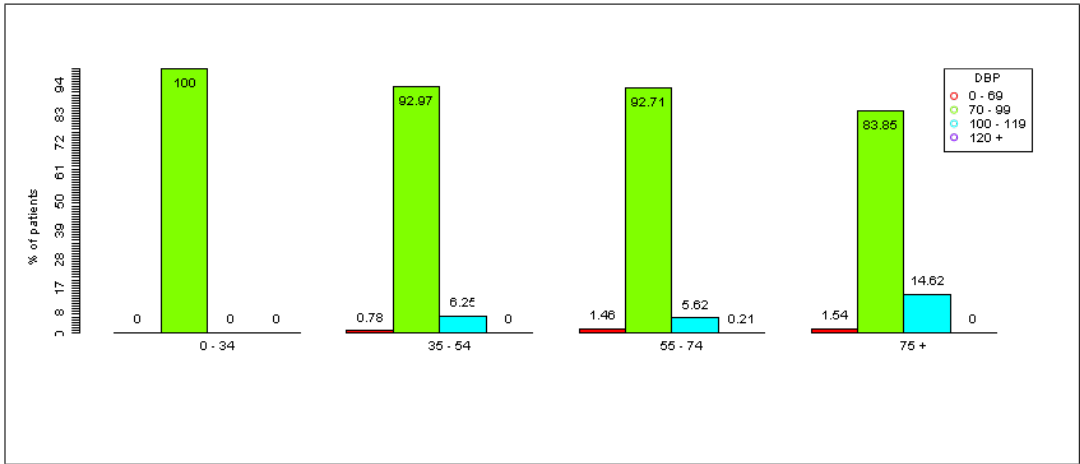
DBP	Type 2											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
0 - 69	0 (0)	0 (0)	0	1 (100)	0 (0)	1	4 (57.14)	3 (42.86)	7	1 (50)	1 (50)	2
70 - 99	0 (0)	1 (100)	1	30 (32.26)	63 (67.74)	93	211 (50.36)	208 (49.64)	419	69 (63.89)	39 (36.11)	108
100 - 119	0 (0)	0 (0)	0	3 (42.86)	4 (57.14)	7	11 (42.31)	15 (57.69)	26	11 (64.71)	6 (35.29)	17
120 +	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	1 (100)	1	0 (0)	0 (0)	0
	0	1		34	67		226	227		81	46	682

DBP (by Gender, Age Classes, Type of Diabetes)

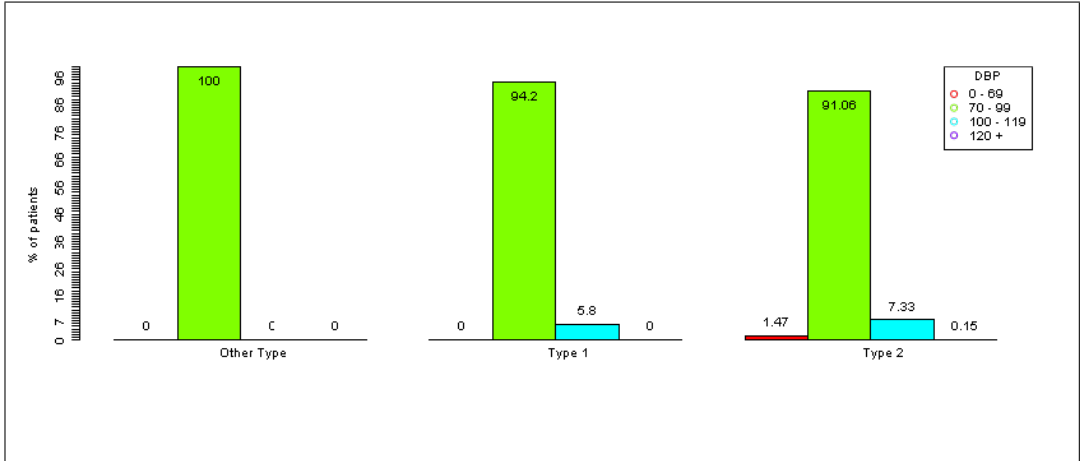
chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs



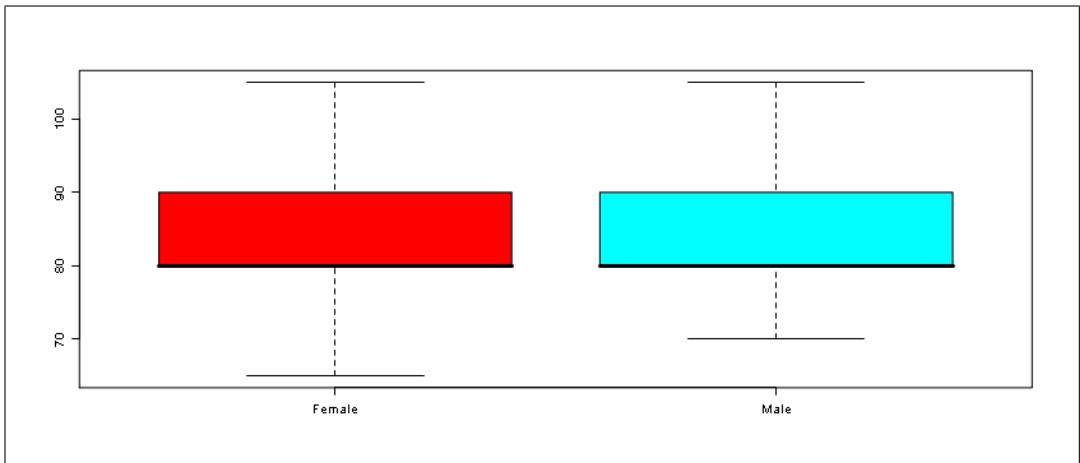
Barplot: DBP (by Gender)



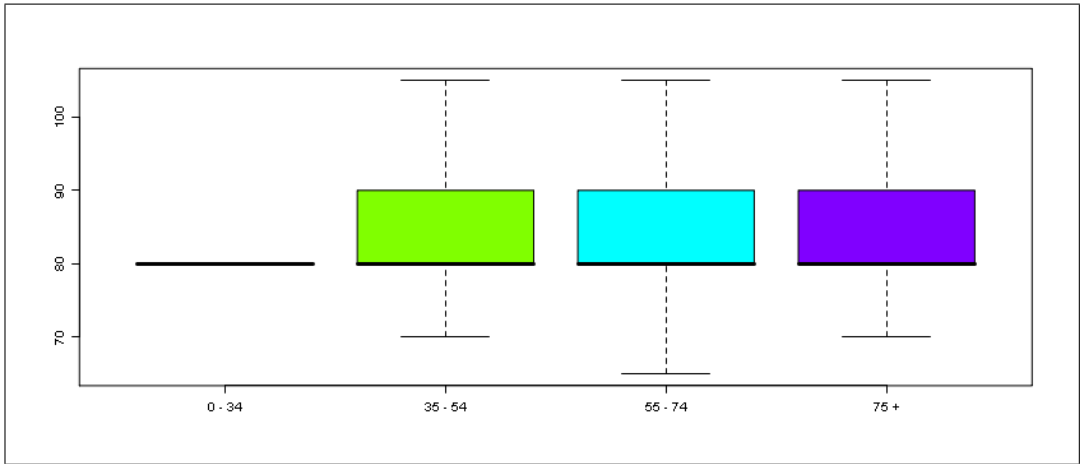
Barplot: DBP (by Age Classes)



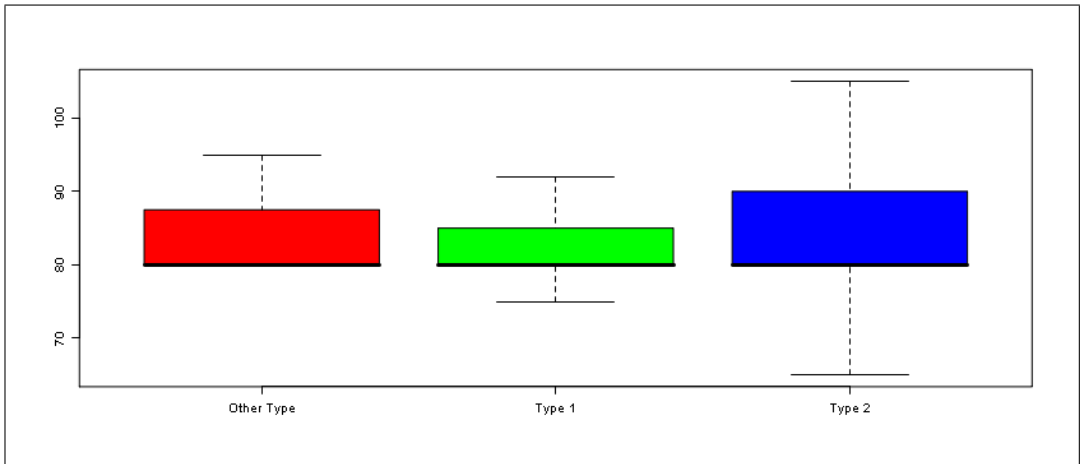
Barplot: DBP (by Type of Diabetes)



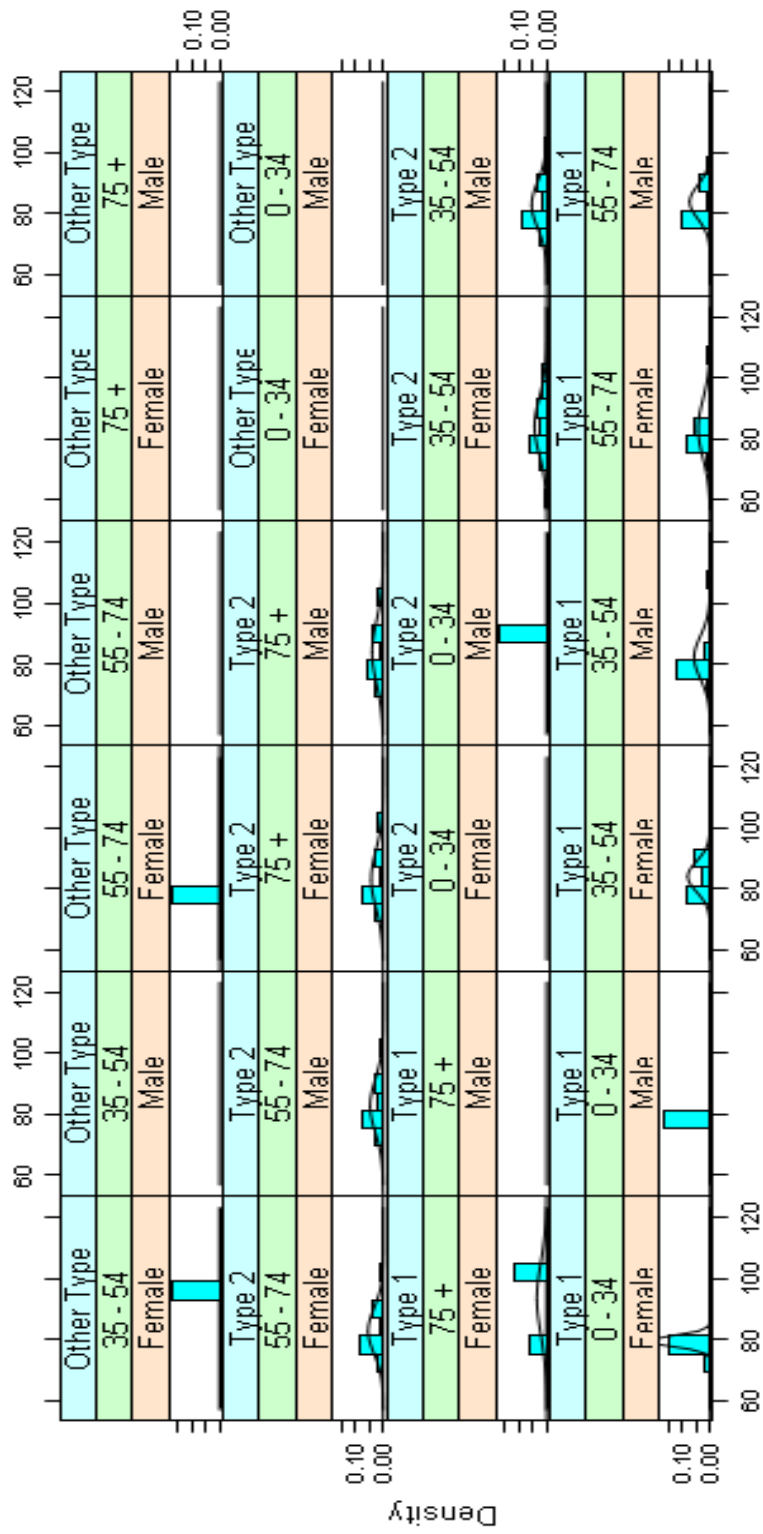
Boxplot: DBP (by Gender)



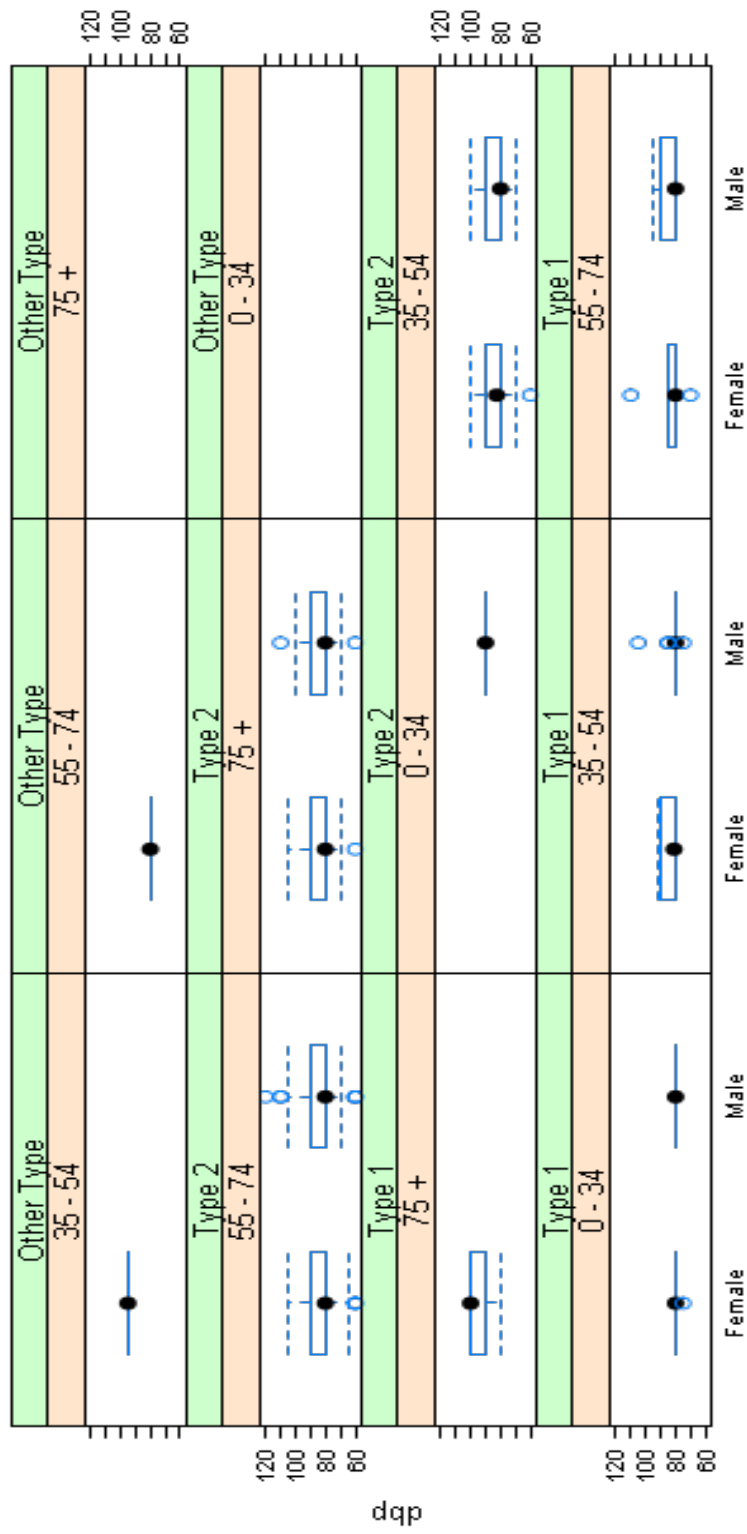
Boxplot: DBP (by Age Classes)



Boxplot: DBP (by Type of Diabetes)



Trellis density plot: DBP (by Gender, Age Classes, Type of Diabetes)



Trellis boxplot: DBP (by Gender, Age Classes, Type of Diabetes)

2.2.3.6. HbA1c (last episode in 12 months)

Reference Date: 31/12/2008

HbA1c	Other Type											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
0 - 6	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0	0 (0)	0 (0)	0
7 - 7	0 (0)	0 (0)	0	1 (100)	0 (0)	1	0 (0)	0 (0)	0	0 (0)	0 (0)	0
8 +	0 (0)	0 (0)	0	0 (0)	0 (0)	0	1 (100)	0 (0)	1	0 (0)	0 (0)	0
	0	0		1	0		1	0		0	0	2

chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs

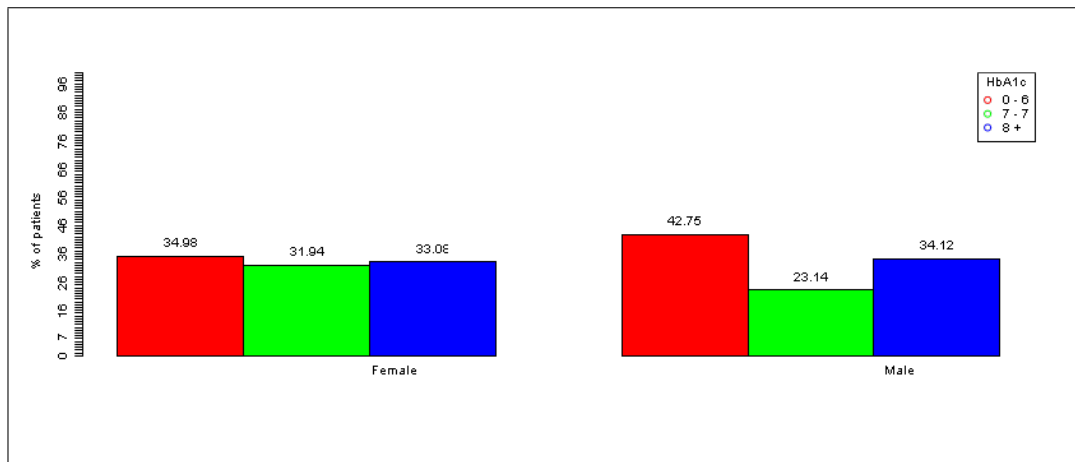
HbA1c	Type 1											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
0 - 6	5 (62.5)	3 (37.5)	8	2 (40)	3 (60)	5	2 (40)	3 (60)	5	0 (0)	0 (0)	0
7 - 7	0 (0)	2 (100)	2	4 (50)	4 (50)	8	3 (75)	1 (25)	4	2 (100)	0 (0)	2
8 +	3 (60)	2 (40)	5	3 (50)	3 (50)	6	4 (57.14)	3 (42.86)	7	0 (0)	0 (0)	0
	8	7		9	10		9	7		2	0	52

chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs

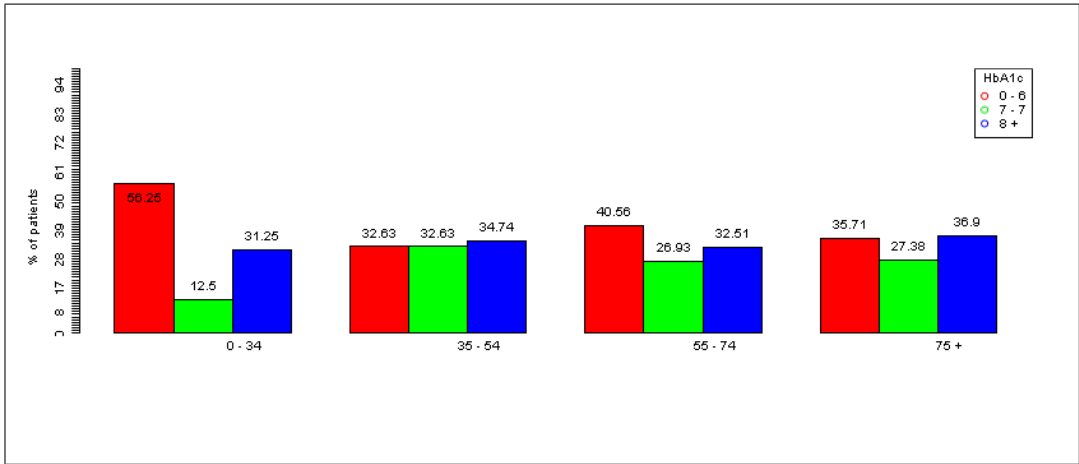
HbA1c	Type 2											
	0 - 34			35 - 54			55 - 74			75 +		
	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT	Female (%)	Male (%)	PT
0 - 6	0 (0)	1 (100)	1	8 (30.77)	18 (69.23)	26	54 (42.86)	72 (57.14)	126	21 (70)	9 (30)	30
7 - 7	0 (0)	0 (0)	0	10 (45.45)	12 (54.55)	22	51 (61.45)	32 (38.55)	83	13 (61.9)	8 (38.1)	21
8 +	0 (0)	0 (0)	0	9 (33.33)	18 (66.67)	27	52 (53.61)	45 (46.39)	97	15 (48.39)	16 (51.61)	31
	0	1		27	48		157	149		49	33	464

HbA1c (by Gender, Age Classes, Type of Diabetes)

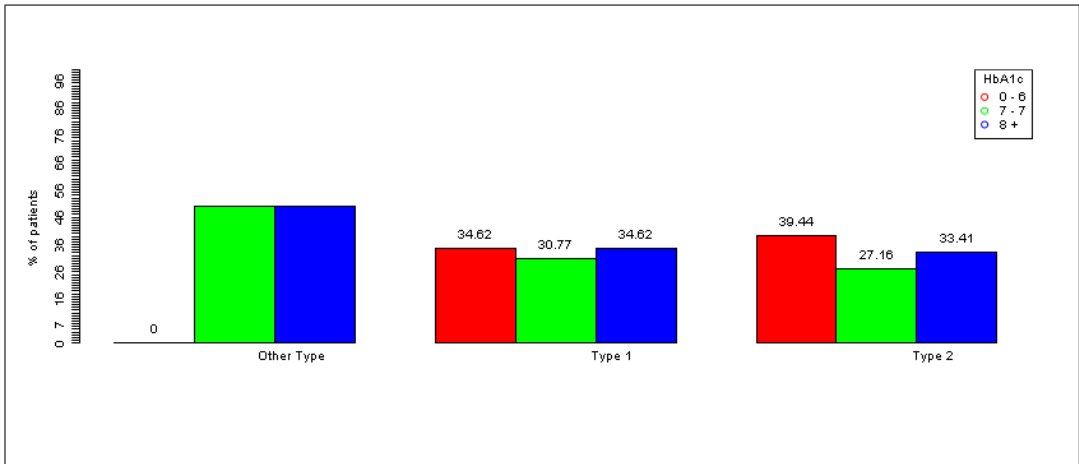
chitab C-M-H Chi-Squared Test
1 One or more cells have less than 2 obs



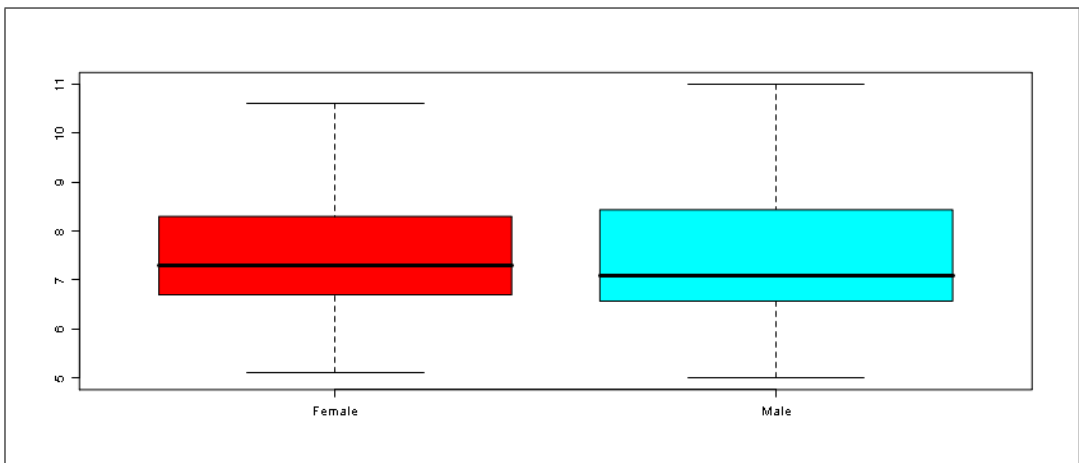
Barplot: HbA1c (by Gender)



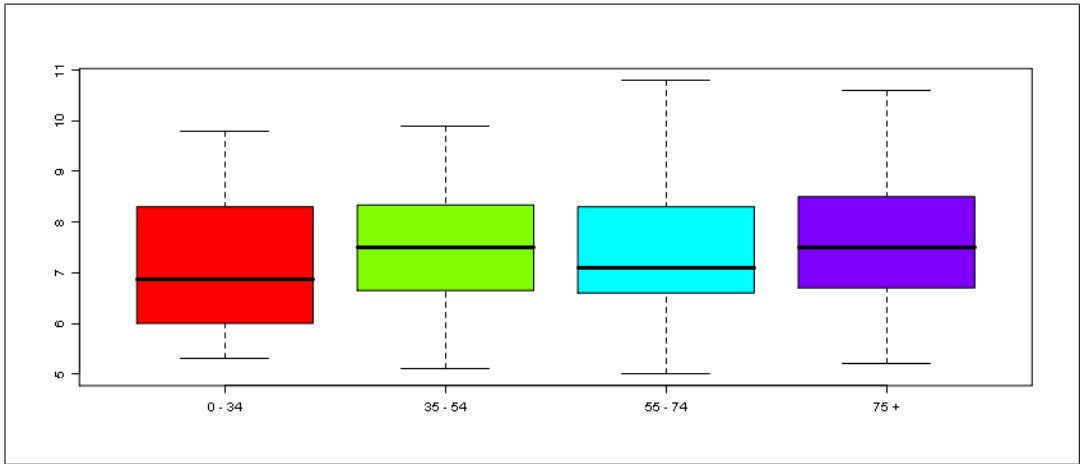
Barplot: HbA1c (by Age Classes)



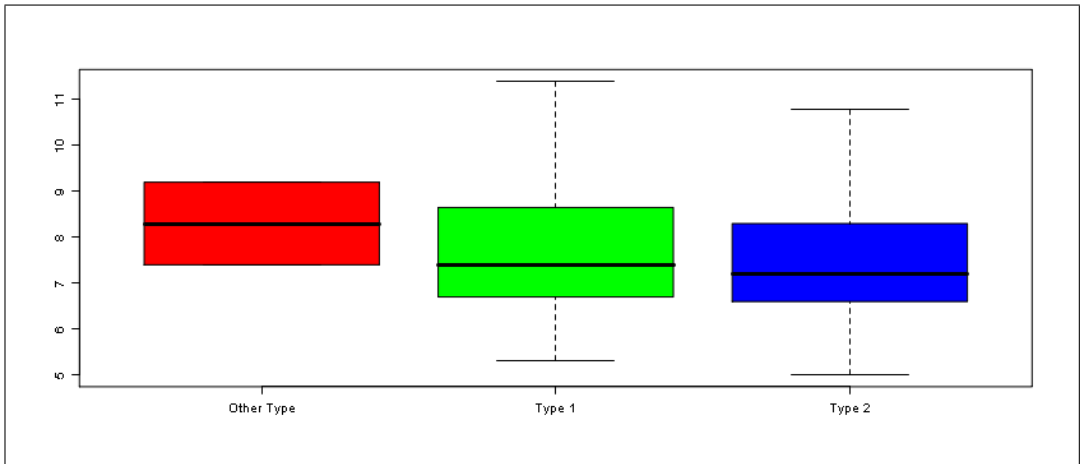
Barplot: HbA1c (by Type of Diabetes)



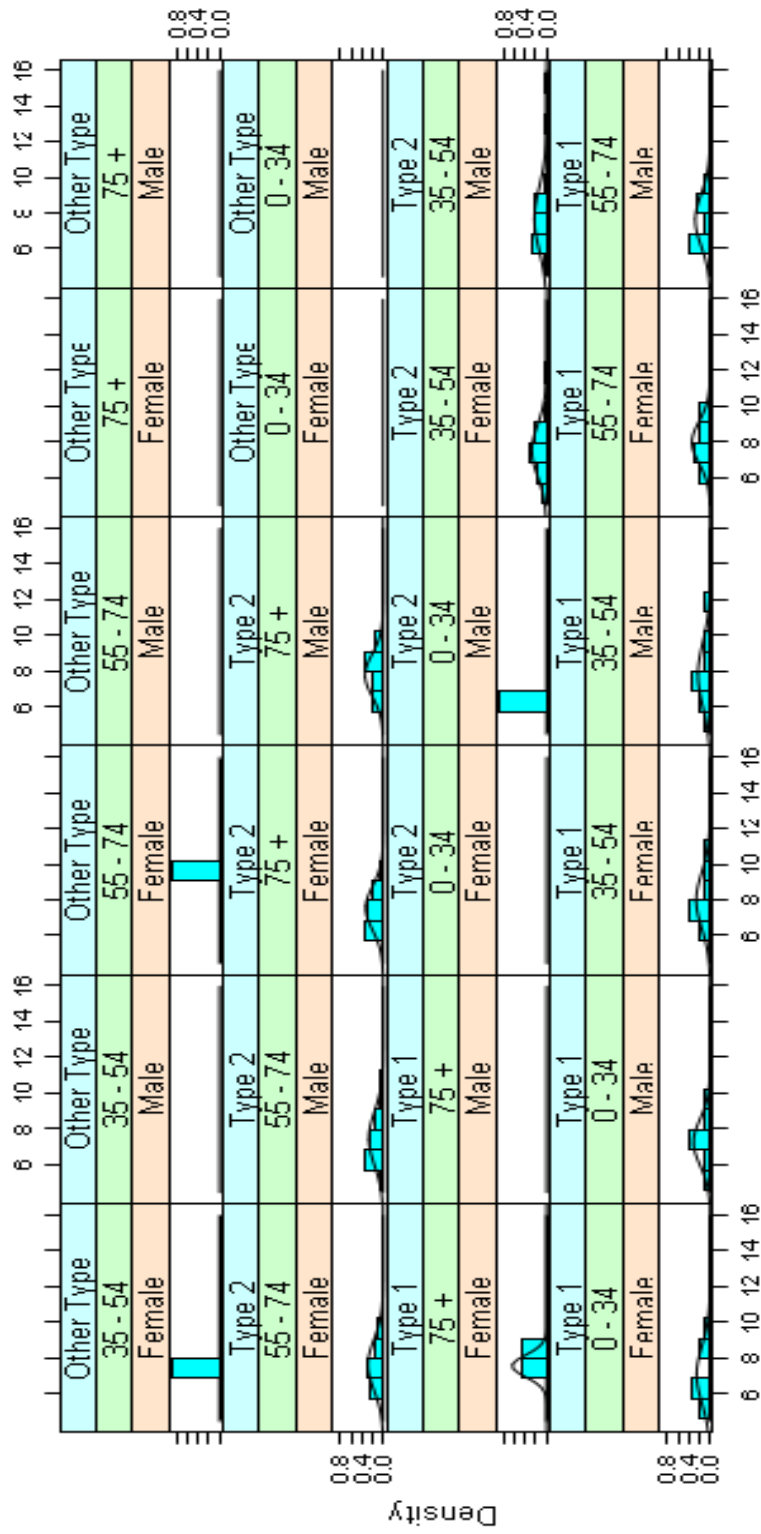
Boxplot: HbA1c (by Gender)



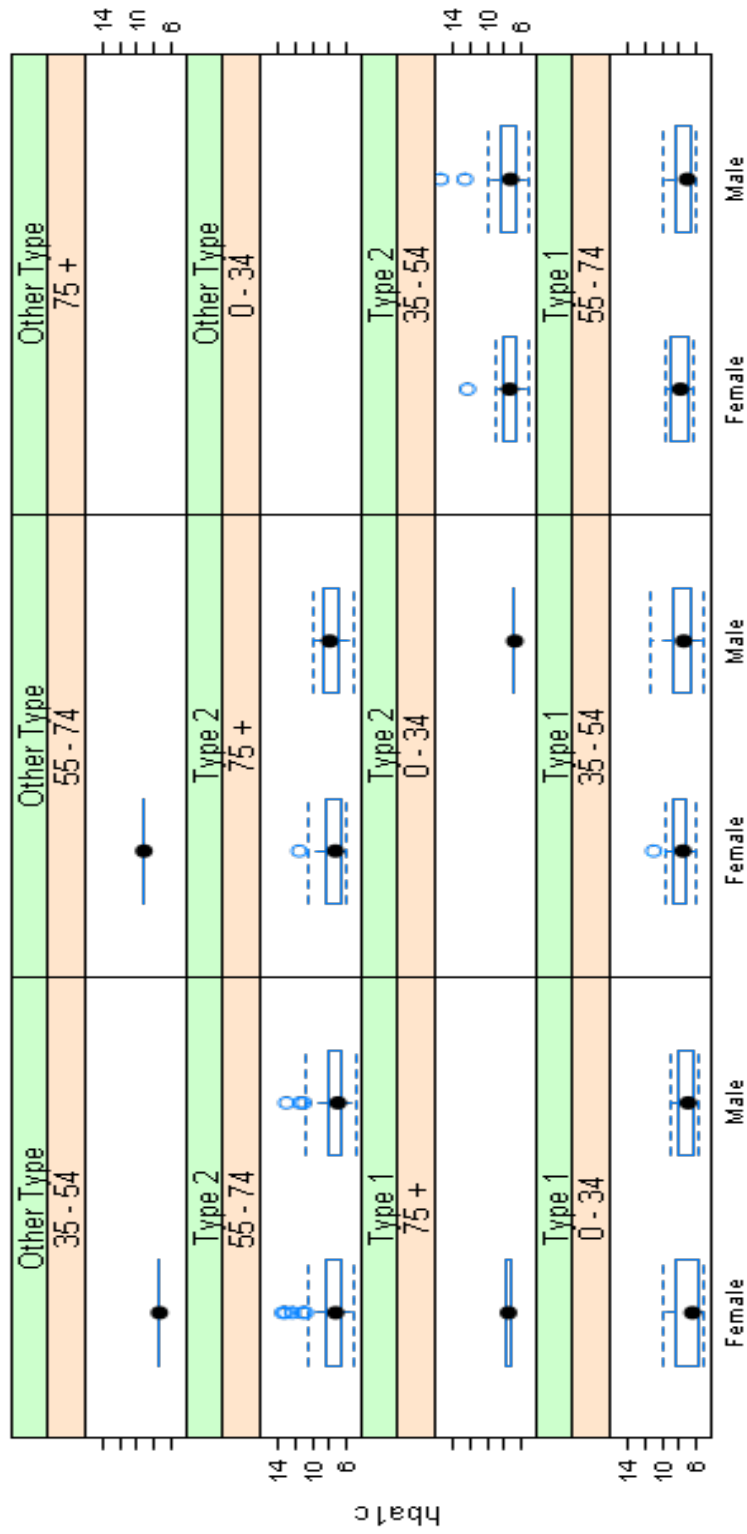
Boxplot: HbA1c (by Age Classes)



Boxplot: HbA1c (by Type of Diabetes)



Trellis density plot: HbA1c (by Gender, Age Classes, Type of Diabetes)



Trellis boxplot: HbA1c (by Gender, Age Classes, Type of Diabetes)

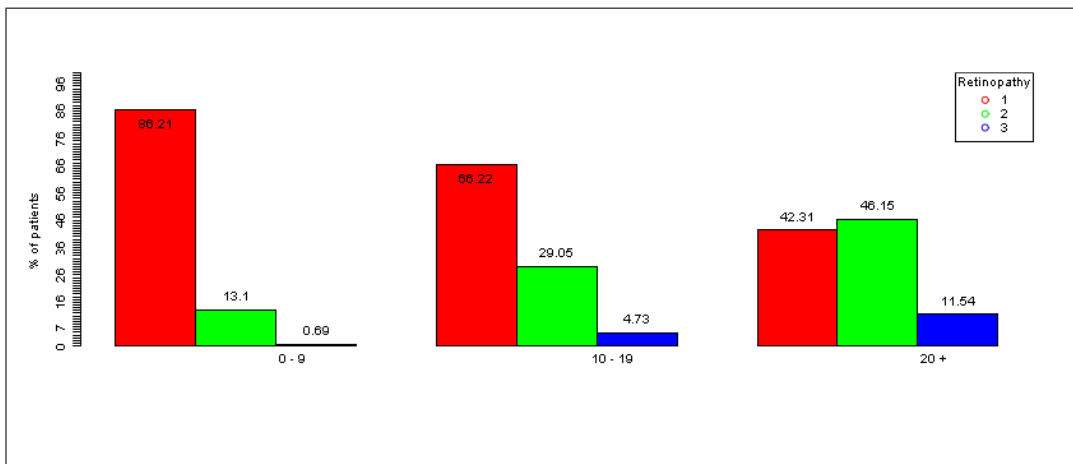
2.3. Diabetes complications

2.3.1. Retinopathy (first episode in 12 months)

Reference Date: 31/12/2008

Retinopathy	0 - 9 (%)	10 - 19 (%)	20 + (%)	PT	
No Retinopathy	125 (53.42)	98 (41.88)	11 (4.7)	234	234
Background Retinopathy	19 (25.68)	43 (58.11)	12 (16.22)	74	74
Referable Retinopathy	1 (9.09)	7 (63.64)	3 (27.27)	11	11
	145	148	26		319

Retinopathy (by Duration)



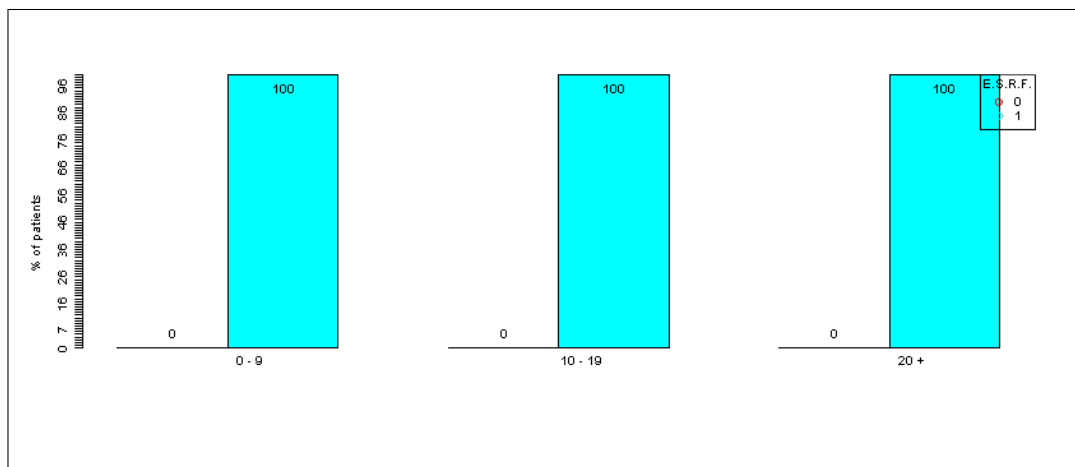
Barplot: Retinopathy (by Duration)

2.3.2. End stage renal failure (first episode in 12 months)

Reference Date: 31/12/2008

E.S.R.F.	0 - 9 (%)	10 - 19 (%)	20 + (%)	PT	
No	0 (0)	0 (0)	0 (0)	0	0
Yes	3 (30)	5 (50)	2 (20)	10	10
	3	5	2		10

E.S.R.F. (by Duration)



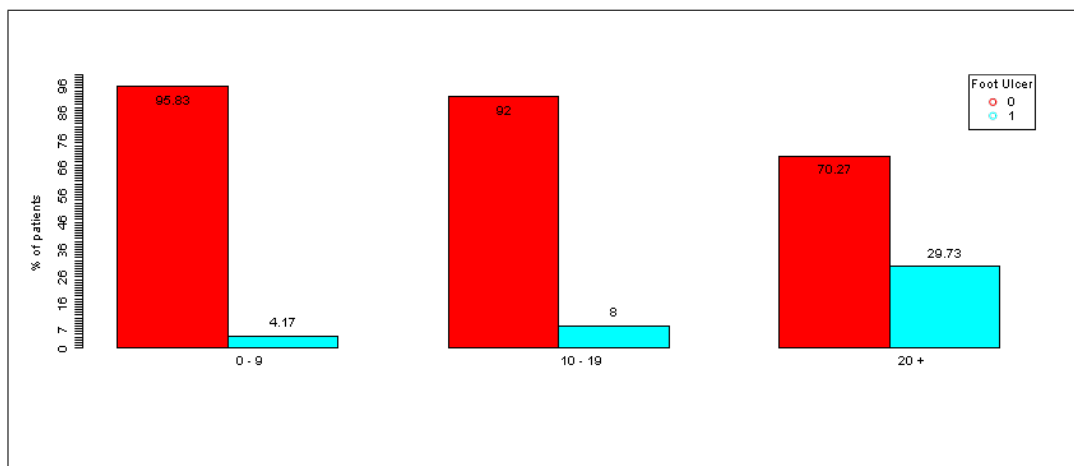
Barplot: E.S.R.F. (by Duration)

2.3.3. Foot ulcer (first episode in 12 months)

Reference Date: 31/12/2008

Foot Ulcer	0 - 9 (%)	10 - 19 (%)	20 + (%)	PT	
No	207 (52.54)	161 (40.86)	26 (6.6)	394	394
Yes	9 (26.47)	14 (41.18)	11 (32.35)	34	34
	216	175	37		428

Foot Ulcer (by Duration)



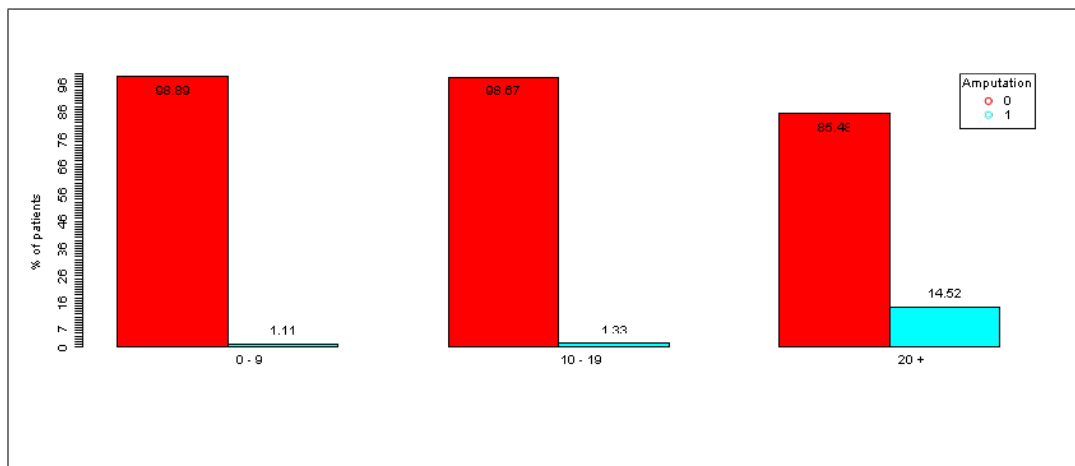
Barplot: Foot Ulcer (by Duration)

2.3.4. Amputation (first episode in 12 months)

Reference Date: 31/12/2008

Amputation	0 - 9 (%)	10 - 19 (%)	20 + (%)	PT	
No	357 (50.5)	297 (42.01)	53 (7.5)	707	707
Yes	4 (23.53)	4 (23.53)	9 (52.94)	17	17
	361	301	62		724

Amputation (by Duration)



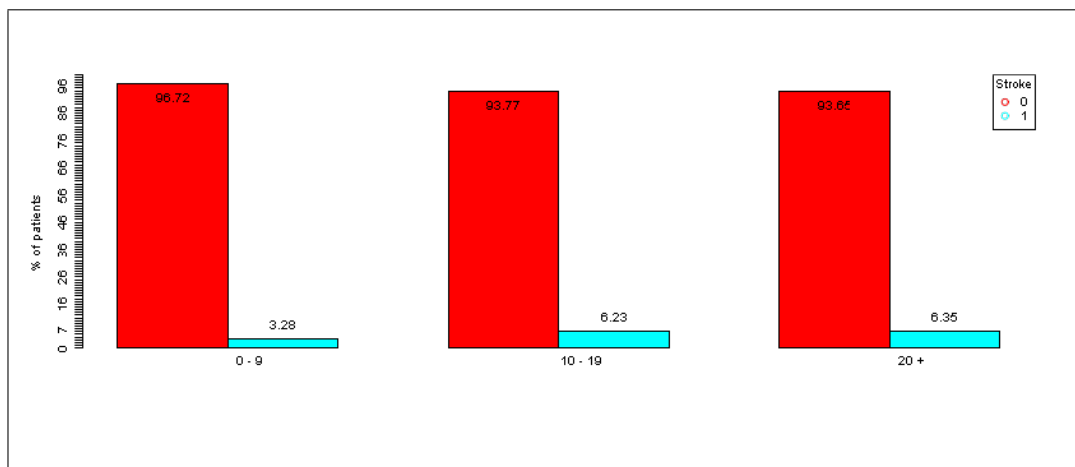
Barplot: Amputation (by Duration)

2.3.5. Stroke (first episode in 12 months)

Reference Date: 31/12/2008

Stroke	0 - 9 (%)	10 - 19 (%)	20 + (%)	PT	
No	354 (50.64)	286 (40.92)	59 (8.44)	699	699
Yes	12 (34.29)	19 (54.29)	4 (11.43)	35	35
	366	305	63		734

Stroke (by Duration)



Barplot: Stroke (by Duration)

Chapter 3

Health System

3.1. Structure (provider level)

3.1.2 Average diabetes population per center

Reference Date: 31/12/2008

data	sex	ageband	type_dm	n
2	Female	5 - 9	Type 1	4
5	Female	10 - 14	Type 1	
6	Female	10 - 14	Type 2	1
9	Female	15 - 19	Type 1	11
10	Female	15 - 19	Type 2	
13	Female	20 - 24	Type 1	
14	Female	20 - 24	Type 2	
15	Female	20 - 24	Other Type	2
18	Female	25 - 29	Type 1	7
19	Female	25 - 29	Type 2	
23	Female	30 - 34	Type 1	10
24	Female	30 - 34	Type 2	
25	Female	30 - 34	Other Type	
28	Female	35 - 39	Type 1	
29	Female	35 - 39	Type 2	
32	Female	40 - 44	Type 2	
1	Male	5 - 9	Type 1	2
3	Male	10 - 14	Type 1	
4	Male	10 - 14	Type 2	
7	Male	15 - 19	Type 1	
8	Male	15 - 19	Type 2	
11	Male	20 - 24	Type 1	7
12	Male	20 - 24	Type 2	
16	Male	25 - 29	Type 1	
17	Male	25 - 29	Type 2	
20	Male	30 - 34	Type 1	6
21	Male	30 - 34	Type 2	
22	Male	30 - 34	Other Type	1
26	Male	35 - 39	Type 1	1
27	Male	35 - 39	Type 2	
30	Male	40 - 44	Type 1	
31	Male	40 - 44	Type 2	

3.2. Structural quality

3.2.1 Hospital beds per 100,000 population

Reference Date: 31/12/2008

data	year	beds	pop	rate
	2008	20	872967	2.29

3.2.2 Physicians employed per 100,000 population

Reference Date: 31/12/2008

data	year	ds_physicians	pop	rate
	2008	2500	872967	286.38

3.3. Processes (individual level)

3.3.1. Foot examination

Reference Date: 31/12/2008

3.3.1.1 Done (last episode in 12 months)

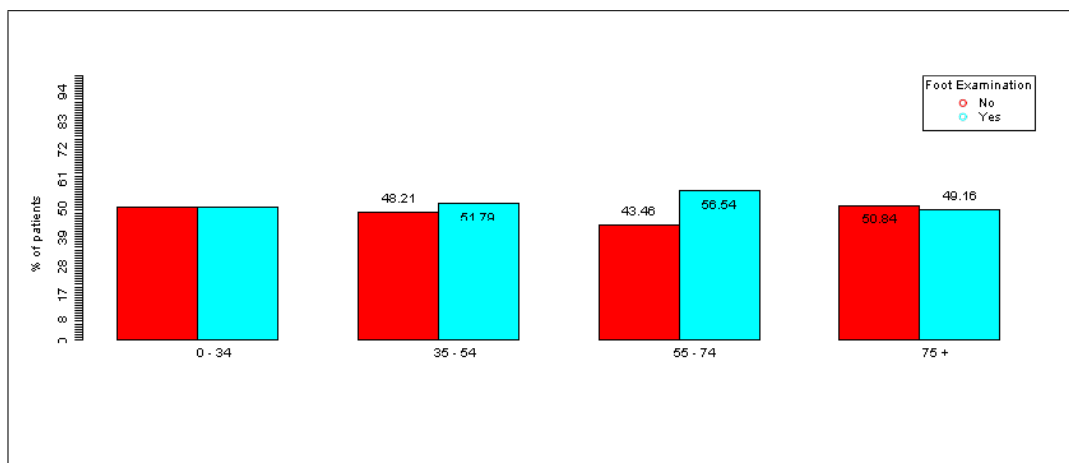
Reference Date: 31/12/2008

Foot Examination	Other Type				PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)		
No	0 (0)	1 (20)	4 (80)	0 (0)	5	5
Yes	0 (0)	1 (50)	1 (50)	0 (0)	2	2
	0	2	5	0		7

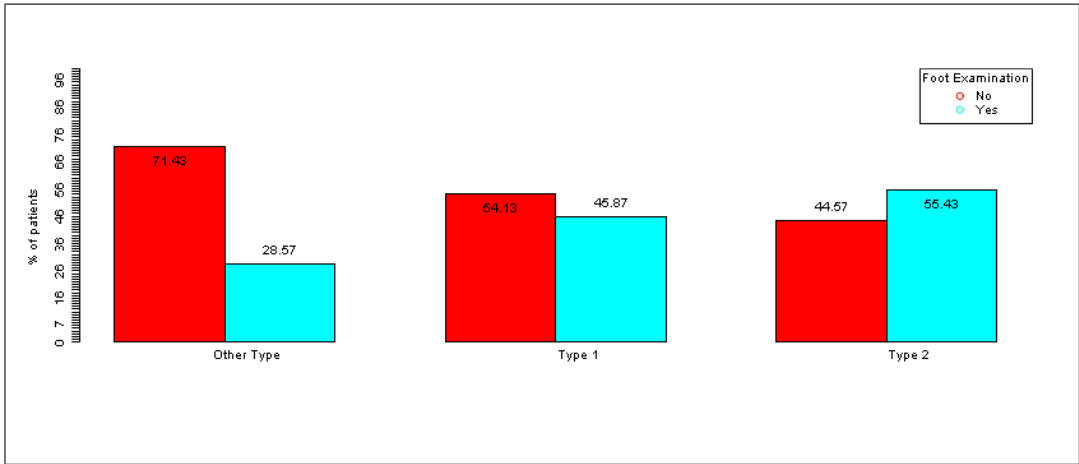
Foot Examination	Type 1				PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)		
No	14 (23.73)	18 (30.51)	20 (33.9)	7 (11.86)	59	59
Yes	16 (32)	14 (28)	18 (36)	2 (4)	50	50
	30	32	38	9		109

Foot Examination	Type 2				PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)		
No	3 (0.76)	62 (15.74)	245 (62.18)	84 (21.32)	394	394
Yes	1 (0.2)	72 (14.69)	331 (67.55)	86 (17.55)	490	490
	4	134	576	170		884

Foot Examination (by Age Classes,Type of Diabetes)



Barplot: Foot Examination (by Age Classes)



Barplot: Foot Examination (by Type of Diabetes)

3.3.2. Eye examination

Reference Date: 31/12/2008

3.3.3 Measurements examination

Reference Date: 31/12/2008

3.3.3.1 BP (last episode in 12 months)

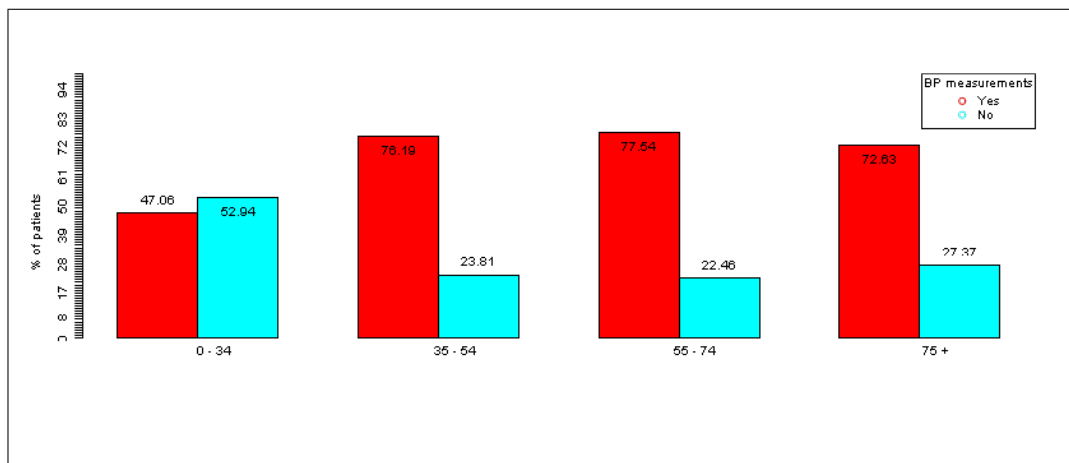
Reference Date: 31/12/2008

BP measurements	Other Type					PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)			
Yes	0 (0)	1 (33.33)	2 (66.67)	0 (0)		3	3
No	0 (0)	1 (25)	3 (75)	0 (0)		4	4
	0	2	5	0			7

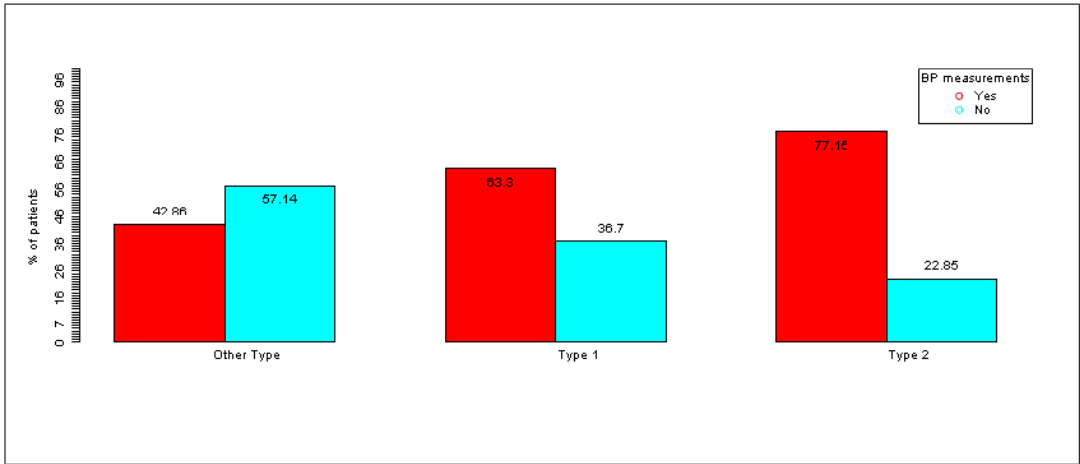
BP measurements	Type 1					PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)			
Yes	15 (21.74)	26 (37.68)	25 (36.23)	3 (4.35)		69	69
No	15 (37.5)	6 (15)	13 (32.5)	6 (15)		40	40
	30	32	38	9			109

BP measurements	Type 2					PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)			
Yes	1 (0.15)	101 (14.81)	453 (66.42)	127 (18.62)		682	682
No	3 (1.49)	33 (16.34)	123 (60.89)	43 (21.29)		202	202
	4	134	576	170			884

BP measurements (by Age Classes,Type of Diabetes)



Barplot: BP measurements (by Age Classes)



Barplot: BP measurements (by Type of Diabetes)

3.3.3.3 Microalbumin (last episode in 12 months)

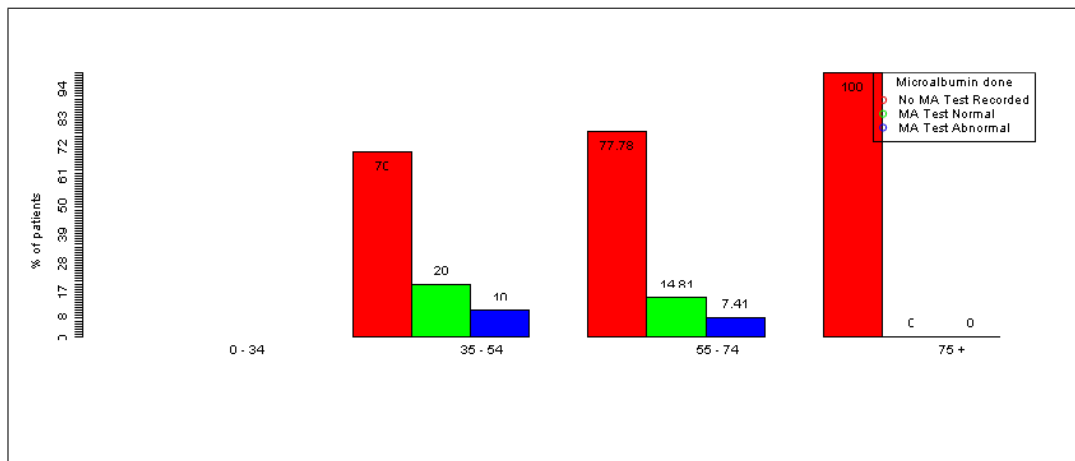
Reference Date: 31/12/2008

Microalbumin done	Other Type					PT
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)		
No MA Test Recorded	0 (0)	0 (0)	0 (0)	0 (0)	0	0
MA Test Normal	0 (0)	0 (0)	0 (0)	0 (0)	0	0
MA Test Abnormal	0 (0)	0 (0)	0 (0)	0 (0)	0	0
	0	0	0	0		0

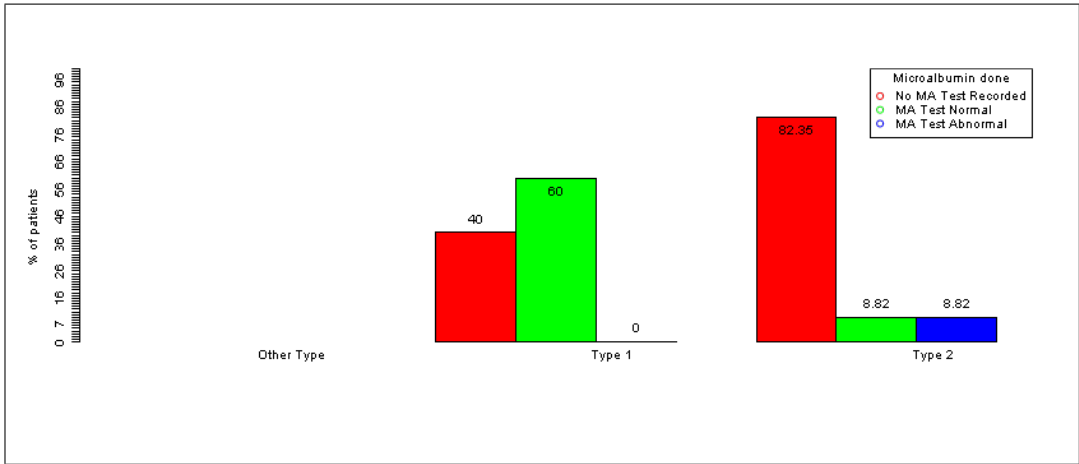
Microalbumin done	Type 1					PT
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)		
No MA Test Recorded	0 (0)	1 (50)	1 (50)	0 (0)	2	2
MA Test Normal	0 (0)	1 (33.33)	2 (66.67)	0 (0)	3	3
MA Test Abnormal	0 (0)	0 (0)	0 (0)	0 (0)	0	0
	0	2	3	0		5

Microalbumin done	Type 2					PT
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)		
No MA Test Recorded	0 (0)	6 (21.43)	20 (71.43)	2 (7.14)	28	28
MA Test Normal	0 (0)	1 (33.33)	2 (66.67)	0 (0)	3	3
MA Test Abnormal	0 (0)	1 (33.33)	2 (66.67)	0 (0)	3	3
	0	8	24	2		34

Microalbumin done (by Age Classes,Type of Diabetes)



Barplot: Microalbumin done (by Age Classes)



Barplot: Microalbumin done (by Type of Diabetes)

3.3.3.4 HbA1c (last episode in 12 months)

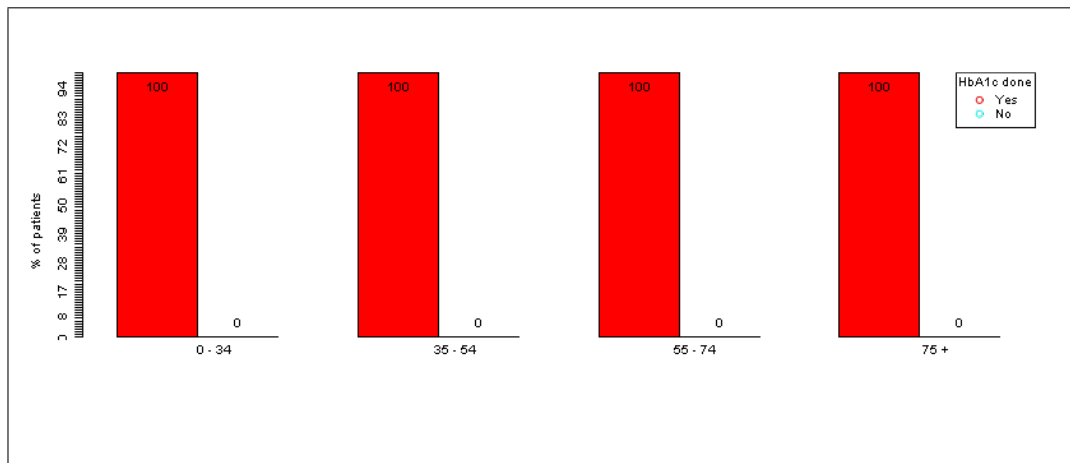
Reference Date: 31/12/2008

HbA1c done	Other Type				PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)		
Yes	0 (0)	1 (50)	1 (50)	0 (0)	2	2
No	0 (0)	0 (0)	0 (0)	0 (0)	0	0
	0	1	1	0		2

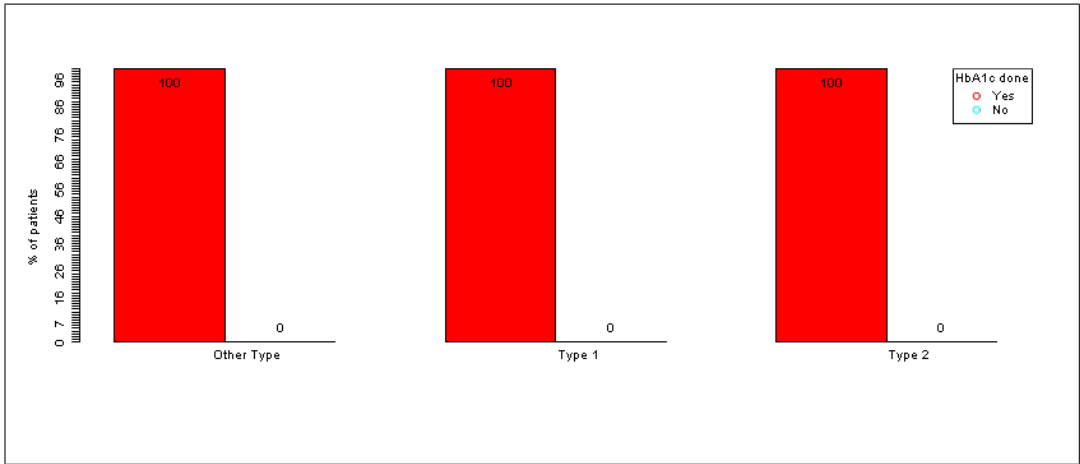
HbA1c done	Type 1				PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)		
Yes	15 (28.85)	19 (36.54)	16 (30.77)	2 (3.85)	52	52
No	0 (0)	0 (0)	0 (0)	0 (0)	0	0
	15	19	16	2		52

HbA1c done	Type 2				PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)		
Yes	1 (0.22)	75 (16.16)	306 (65.95)	82 (17.67)	464	464
No	0 (0)	0 (0)	0 (0)	0 (0)	0	0
	1	75	306	82		464

HbA1c done (by Age Classes, Type of Diabetes)



Barplot: HbA1c done (by Age Classes)



Barplot: HbA1c done (by Type of Diabetes)

3.3.4 Treatment

Reference Date: 31/12/2008

3.3.4.1 Antihypertensive Medication (last episode in 12 months)

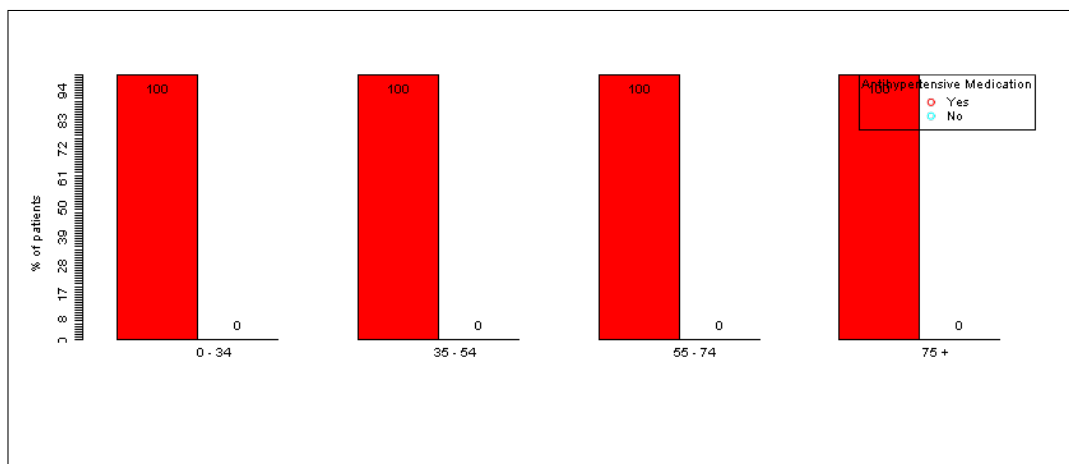
Reference Date: 31/12/2008

Antihypertensive Medication	Other Type					PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)			
Yes	0 (0)	2 (28.57)	5 (71.43)	0 (0)	7	7	
No	0 (0)	0 (0)	0 (0)	0 (0)	0	0	
	0	2	5	0		7	

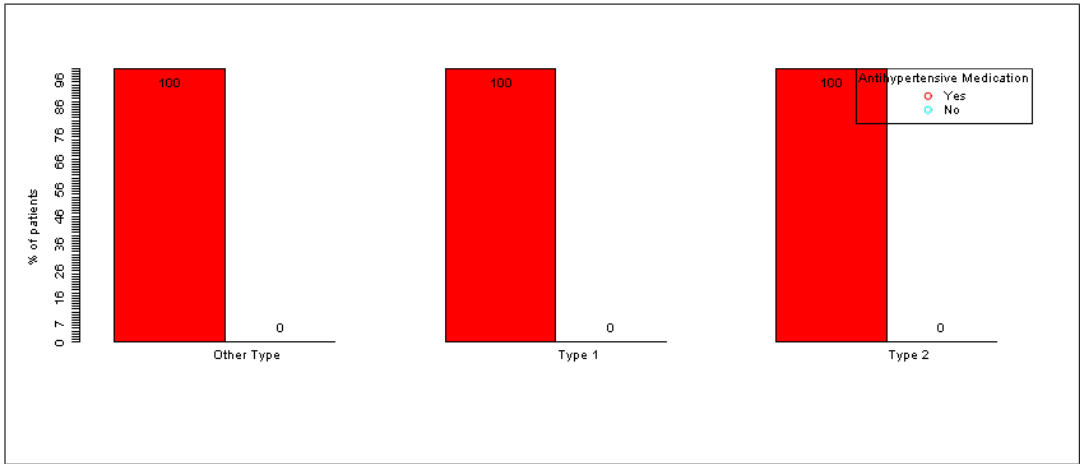
Antihypertensive Medication	Type 1					PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)			
Yes	30 (27.52)	32 (29.36)	38 (34.86)	9 (8.26)	109	109	
No	0 (0)	0 (0)	0 (0)	0 (0)	0	0	
	30	32	38	9		109	

Antihypertensive Medication	Type 2					PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)			
Yes	4 (0.45)	134 (15.16)	576 (65.16)	170 (19.23)	884	884	
No	0 (0)	0 (0)	0 (0)	0 (0)	0	0	
	4	134	576	170		884	

Antihypertensive Medication (by Age Classes,Type of Diabetes)



Barplot: Antihypertensive Medication (by Age Classes)



Barplot: Antihypertensive Medication (by Type of Diabetes)

3.3.5 Management

Reference Date: 31/12/2008

3.3.5.1 Self monitoring

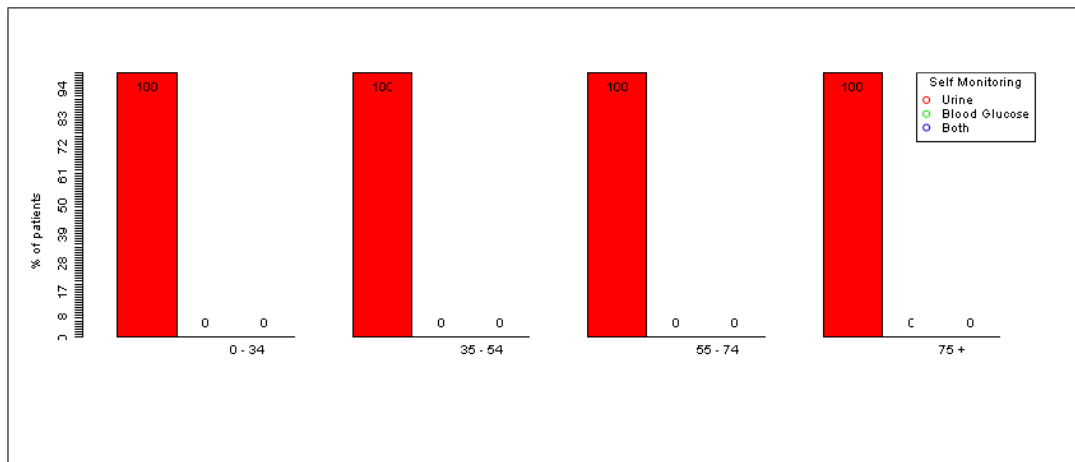
Reference Date: 31/12/2008

Self Monitoring	Other Type				PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)		
Urine	0 (0)	2 (33.33)	4 (66.67)	0 (0)	6	6
Blood Glucose	0 (0)	0 (0)	0 (0)	0 (0)	0	0
Both	0 (0)	0 (0)	0 (0)	0 (0)	0	0
	0	2	4	0		6

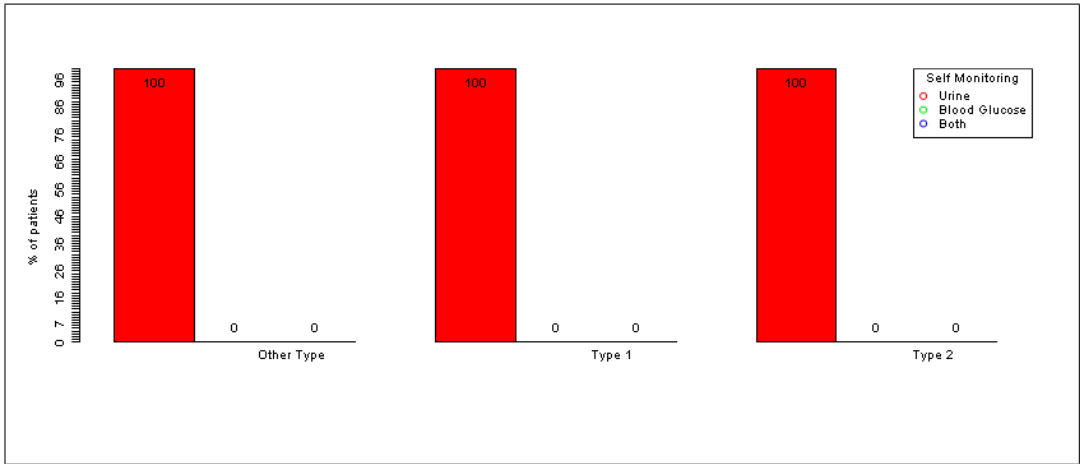
Self Monitoring	Type 1				PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)		
Urine	25 (29.41)	27 (31.76)	29 (34.12)	4 (4.71)	85	85
Blood Glucose	0 (0)	0 (0)	0 (0)	0 (0)	0	0
Both	0 (0)	0 (0)	0 (0)	0 (0)	0	0
	25	27	29	4		85

Self Monitoring	Type 2				PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)		
Urine	1 (0.22)	70 (15.12)	309 (66.74)	83 (17.93)	463	463
Blood Glucose	0 (0)	0 (0)	0 (0)	0 (0)	0	0
Both	0 (0)	0 (0)	0 (0)	0 (0)	0	0
	1	70	309	83		463

Self Monitoring (by Age Classes,Sex)



Barplot: Self Monitoring (by Age Classes)



Barplot: Self Monitoring (by Sex)

3.3.5.2 Visit Frequency

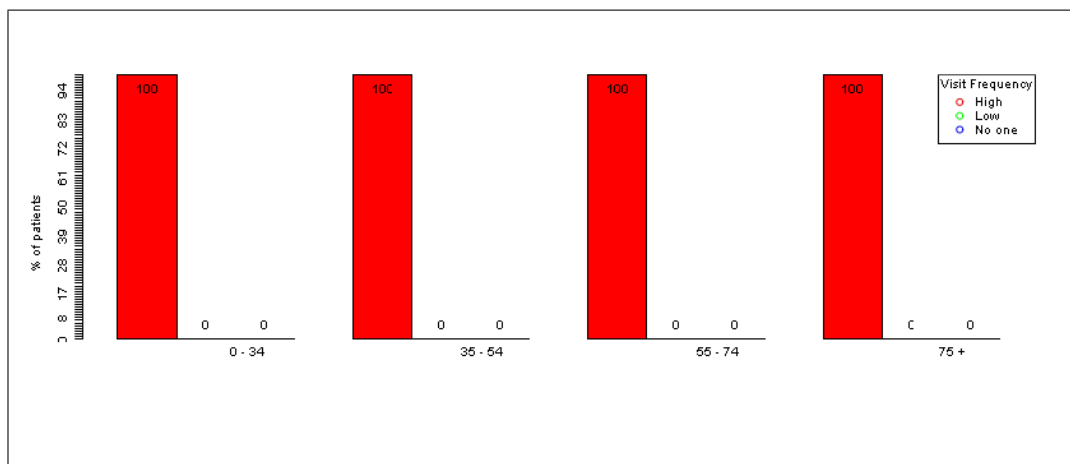
Reference Date: 31/12/2008

Visit Frequency	Other Type					PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)			
High	0 (0)	2 (28.57)	5 (71.43)	0 (0)	7	7	
Low	0 (0)	0 (0)	0 (0)	0 (0)	0	0	
No one	0 (0)	0 (0)	0 (0)	0 (0)	0	0	
	0	2	5	0		7	

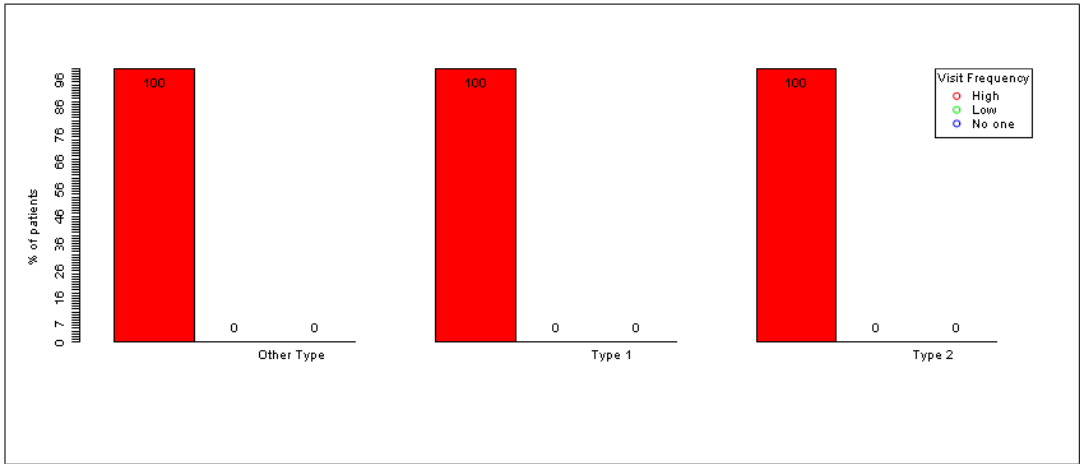
Visit Frequency	Type 1					PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)			
High	28 (25.69)	34 (31.19)	35 (32.11)	12 (11.01)	109	109	
Low	0 (0)	0 (0)	0 (0)	0 (0)	0	0	
No one	0 (0)	0 (0)	0 (0)	0 (0)	0	0	
	28	34	35	12		109	

Visit Frequency	Type 2					PT	
	0 - 34 (%)	35 - 54 (%)	55 - 74 (%)	75 + (%)			
High	4 (0.45)	130 (14.71)	573 (64.82)	177 (20.02)	884	884	
Low	0 (0)	0 (0)	0 (0)	0 (0)	0	0	
No one	0 (0)	0 (0)	0 (0)	0 (0)	0	0	
	4	130	573	177		884	

Visit Frequency (by Age Classes,Sex)



Barplot: Visit Frequency (by Age Classes)



Barplot: Visit Frequency (by Sex)

Chapter 4

Population

4.1.1 Total Population

Reference Date: 31/12/2008

data	Age in class	Males	Females
199	0 - 14	19356	18289
200	15 - 24	18623	17240
201	25 - 34	18641	17562
202	35 - 44	19819	18511
203	45 - 54	21889	20921
204	55 - 64	26472	25880
205	65 - 74	32360	32138
206	75 - 84	33666	33371
207	85 +	34107	33979
208	0 - 14	30374	30655
209	15 - 24	27605	28357
210	25 - 34	28703	29850
211	35 - 44	24396	26220
212	45 - 54	25196	27828
213	55 - 64	21406	25555
214	65 - 74	18303	25073
215	75 - 84	13029	21487
216	85 +	8260	17846

4.1.2 Life expectancy

Reference Date: 31/12/2008

data	Age in classes	Males	Females
1	0 - 14	228	238
2	0 - 14	228	
3	0 - 14		238
4	0 - 14		
5	15 - 24		
6	15 - 24		149
7	15 - 24	142	
8	15 - 24	142	149
9	25 - 34		
10	25 - 34		139
11	25 - 34	132	
12	25 - 34	132	139
13	35 - 44		
14	35 - 44		129
15	35 - 44	122	
16	35 - 44	122	129
17	45 - 54	113	119
18	45 - 54	113	
19	45 - 54		119
20	45 - 54		
21	55 - 64		
22	55 - 64		110
23	55 - 64	103	
24	55 - 64	103	110
25	65 - 74		
26	65 - 74		100
27	65 - 74	93	
28	65 - 74	93	100
29	75 - 84		
30	75 - 84		90
31	75 - 84	84	
32	75 - 84	84	90
33	85 +	93	100
34	85 +	93	
35	85 +		100
36	85 +		

4.1.3 Mortality Data

Reference Date: 31/12/2008

data	Age in class	Males	Females
199	0 - 14	8	14
200	15 - 24	3	0
201	25 - 34	5	1
202	35 - 44	4	2
203	45 - 54	12	8
204	55 - 64	12	5
205	65 - 74	28	7
206	75 - 84	30	16
207	85 +	42	13
208	0 - 14	62	26
209	15 - 24	87	64
210	25 - 34	163	83
211	35 - 44	182	130
212	45 - 54	325	192
213	55 - 64	484	306
214	65 - 74	862	547
215	75 - 84	1038	1020
216	85 +	1328	2254

Chapter 5

Risk Adjusted Indicators

5.1. Epidemiology

5.1.1 Prevalence of diabetes mellitus per 1,000

Reference Date: 31/12/2008

datastd	Obs	Denom	typedm	RawRate
1	109	307701	Type 1	0.354239992720206
2	884	565266	Type 2	1.563865507566349
3	7		Other Type	
4	1000	872967	NA	1.145518673672659

5.1.2. Age at diagnosis by 10 year age bands (incidence)

Reference Date: 31/12/2008

5.1.2. Age at diagnosis by 10 year age bands (incidence)

Reference Date: 31/12/2008

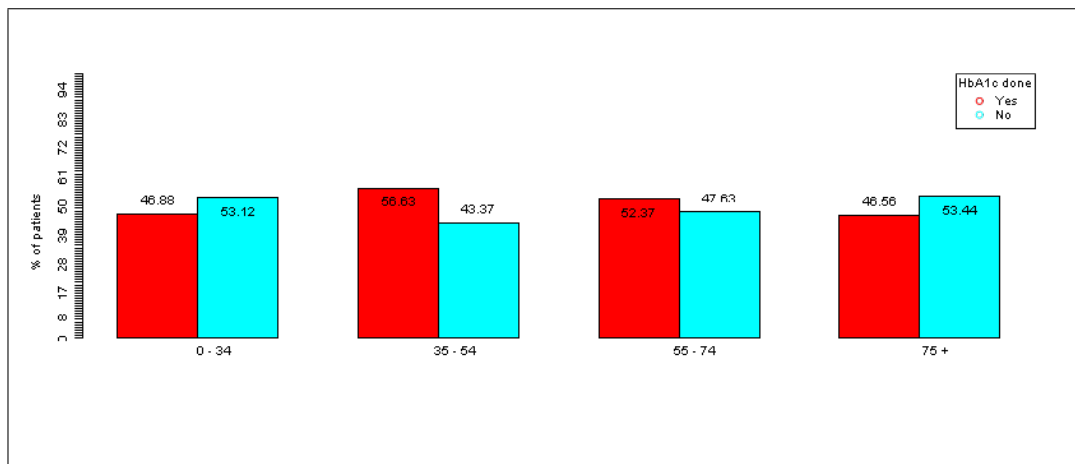
datastd	Obs	typedm	agec
1	3	Type 1	5 - 9
2	0	Type 2	5 - 9
3	0	Other Type	5 - 9
4	10	Type 1	10 - 14
5	0	Type 2	10 - 14
6	0	Other Type	10 - 14
7	11	Type 1	15 - 19
8	0	Type 2	15 - 19
9	0	Other Type	15 - 19
10	7	Type 1	20 - 24
11	2	Type 2	20 - 24
12	0	Other Type	20 - 24
13	10	Type 1	25 - 29
14	4	Type 2	25 - 29
15	0	Other Type	25 - 29
16	9	Type 1	30 - 34
17	10	Type 2	30 - 34
18	0	Other Type	30 - 34
19	3	Type 1	35 - 39
20	44	Type 2	35 - 39
21	0	Other Type	35 - 39
22	7	Type 1	40 - 44
23	74	Type 2	40 - 44
24	2	Other Type	40 - 44
25	15	Type 1	45 - 49
26	104	Type 2	45 - 49
27	0	Other Type	45 - 49
28	5	Type 1	50 - 54
29	117	Type 2	50 - 54
30	1	Other Type	50 - 54
31	7	Type 1	55 - 59
32	126	Type 2	55 - 59
33	0	Other Type	55 - 59
34	7	Type 1	60 - 64
35	120	Type 2	60 - 64
36	3	Other Type	60 - 64
37	2	Type 1	65 - 69
38	79	Type 2	65 - 69
39	0	Other Type	65 - 69
40	0	Type 1	70 - 74
41	40	Type 2	70 - 74
42	0	Other Type	70 - 74
43	0	Type 1	75 - 79
44	11	Type 2	75 - 79
45	0	Other Type	75 - 79
46	0	Type 1	80 - 84
47	2	Type 2	80 - 84
48	0	Other Type	80 - 84

5.2. Process Quality

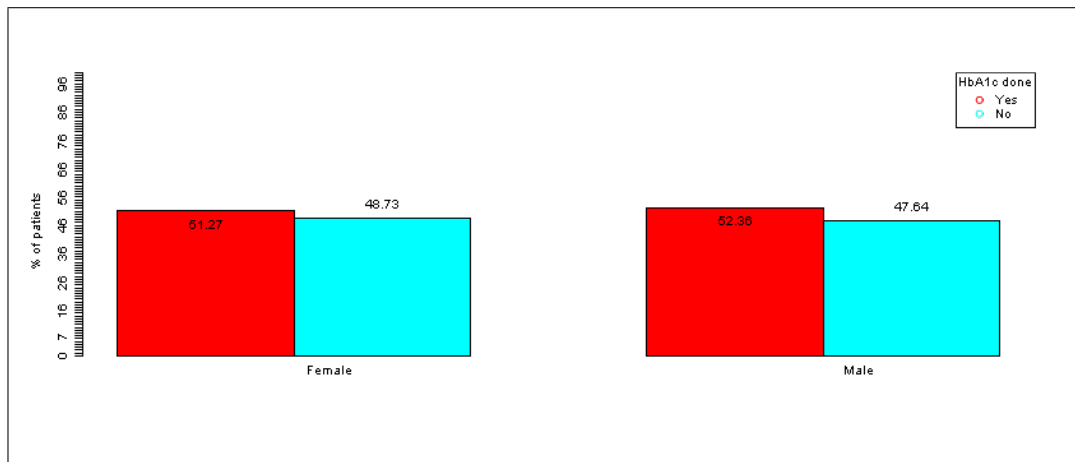
5.2.1 Percentage of patients with one or more HbA1c tests during the last 12 months

Reference Date: 31/12/2008

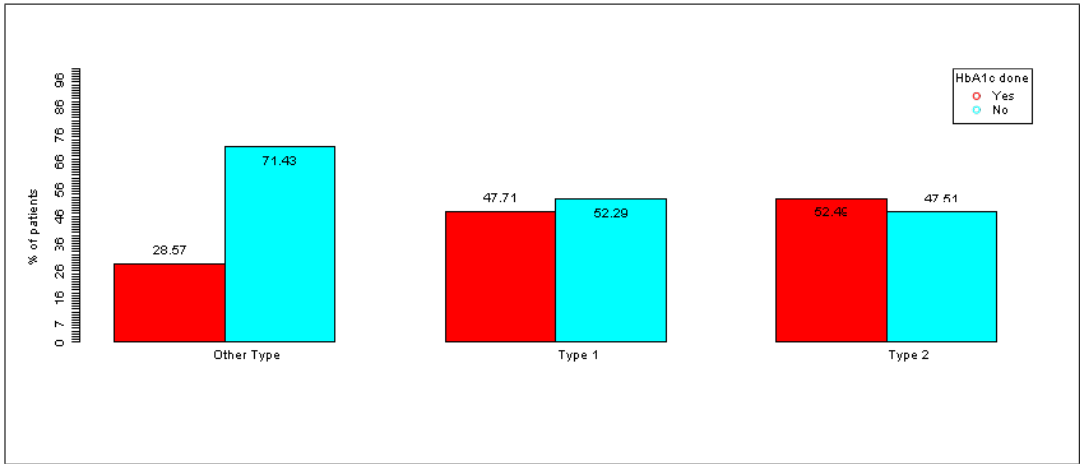
printtab	Obs	Denom	agec	sex	typedm	Percentage
1	7	16	0 - 34	Male	Type 1	43.75
4	7	12	0 - 34	Female	Type 1	58.33
7	10	15	35 - 54	Male	Type 1	66.67
10	10	19	35 - 54	Female	Type 1	52.63
13	7	18	55 - 74	Male	Type 1	38.89
16	7	17	55 - 74	Female	Type 1	41.18
19	0	2	75 +	Male	Type 1	0.00
22	4	10	75 +	Female	Type 1	40.00



Barplot: HbA1c done (by Age Classes)



Barplot: HbA1c done (by Gender)

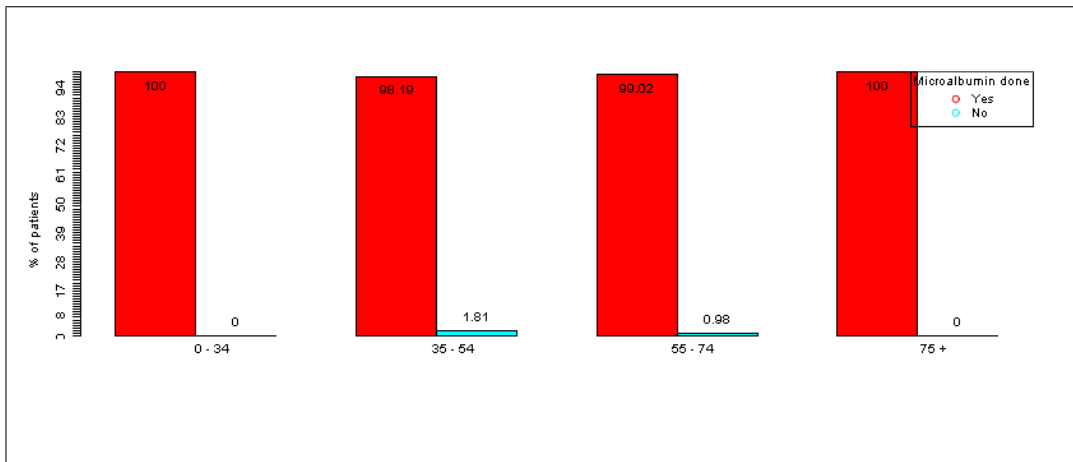


Barplot: HbA1c done (by Type of Diabetes)

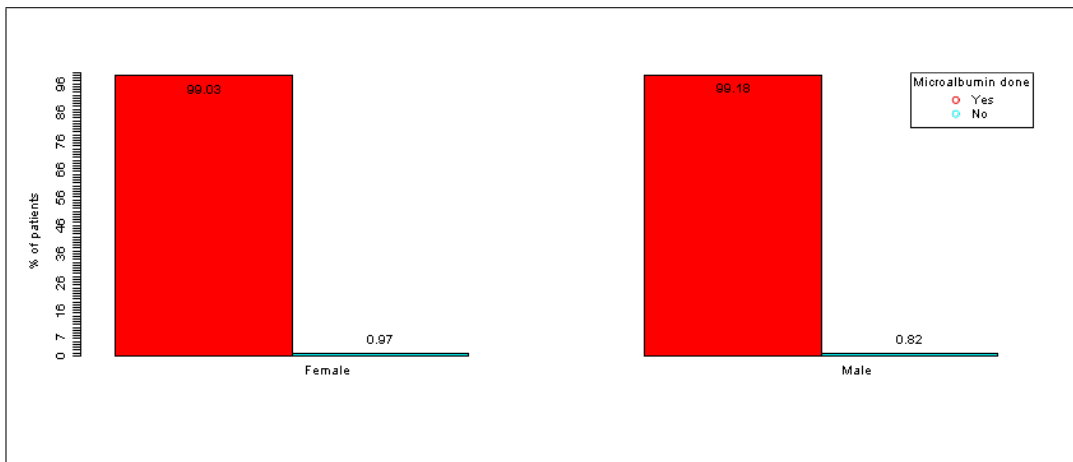
5.2.2 Percentage of patients with at least one test for microalbuminuria during the last 12 months

Reference Date: 31/12/2008

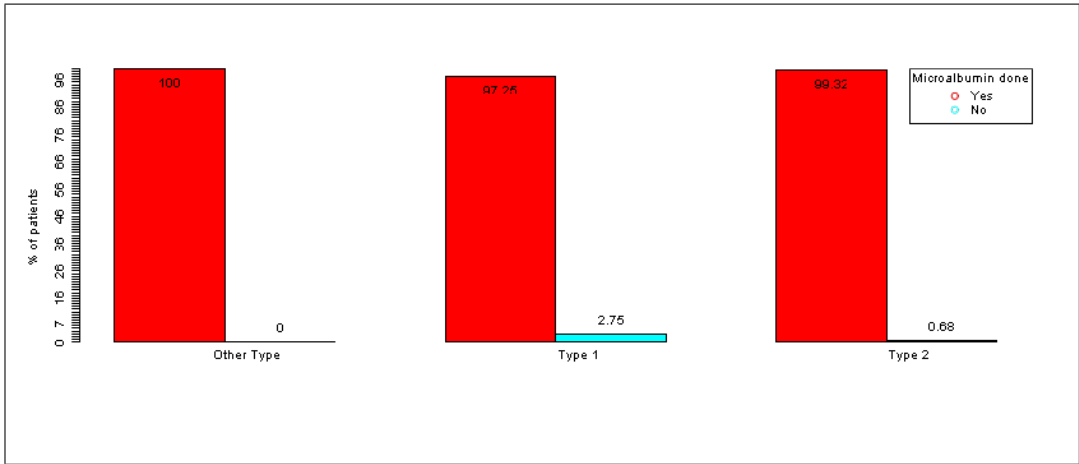
printtab	Obs	Denom	agec	sex	typedm	Percentage
1	0	16	0 - 34	Male	Type 1	0.00
4	0	12	0 - 34	Female	Type 1	0.00
7	1	15	35 - 54	Male	Type 1	6.67
10	0	19	35 - 54	Female	Type 1	0.00
13	1	18	55 - 74	Male	Type 1	5.56
16	1	17	55 - 74	Female	Type 1	5.88
19	0	2	75 +	Male	Type 1	0.00
22	0	10	75 +	Female	Type 1	0.00



Barplot: Microalbumin done (by Age Classes)



Barplot: Microalbumin done (by Gender)

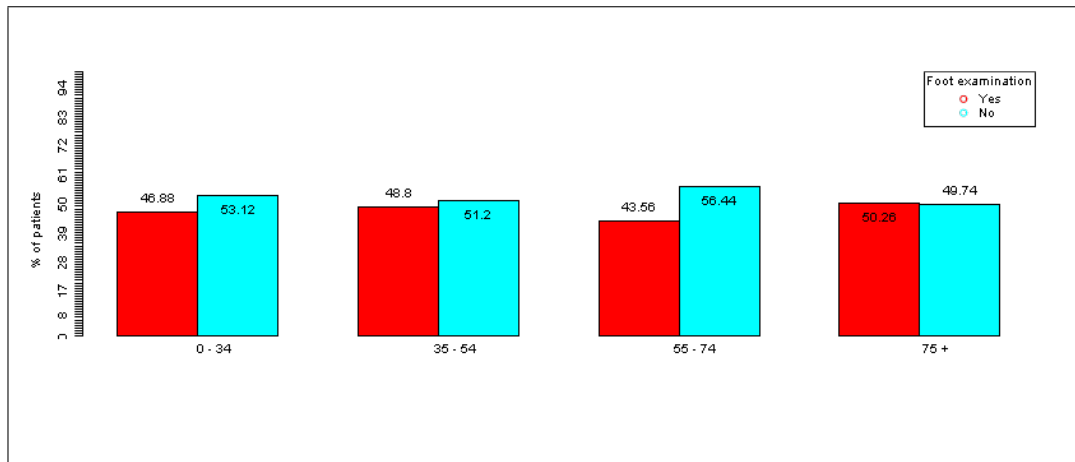


Barplot: Microalbumin done (by Type of Diabetes)

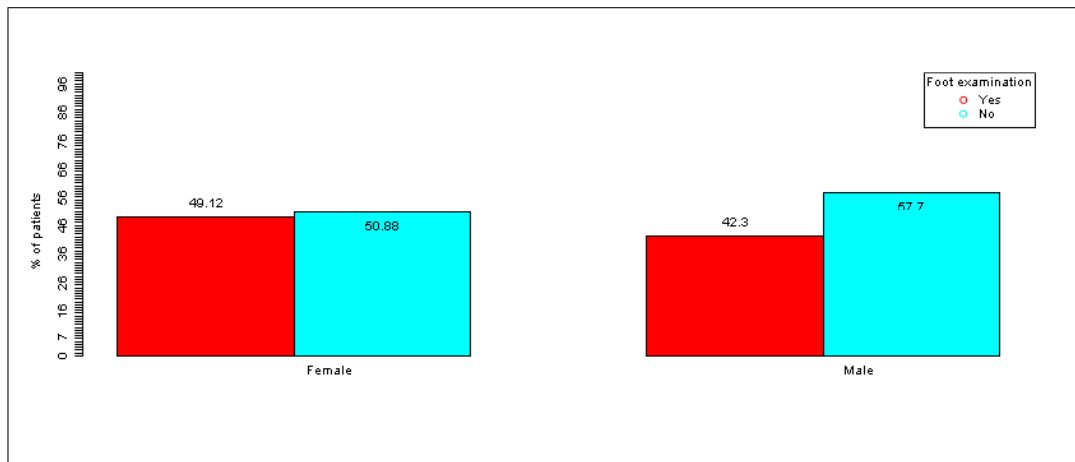
5.2.4 Percentage of diabetes patients receiving at least one foot examination within the last 12 months

Reference Date: 31/12/2008

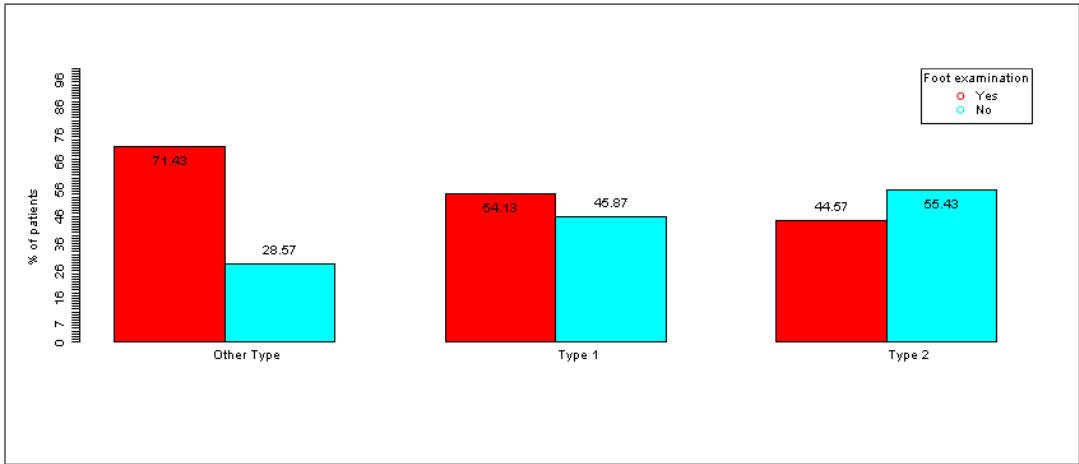
printtab	Obs	Denom	agec	sex	typedm	Percentage
1	8	16	0 - 34	Male	Type 1	50.00
4	8	12	0 - 34	Female	Type 1	66.67
7	8	15	35 - 54	Male	Type 1	53.33
10	6	19	35 - 54	Female	Type 1	31.58
13	12	18	55 - 74	Male	Type 1	66.67
16	5	17	55 - 74	Female	Type 1	29.41
19	0	2	75 +	Male	Type 1	0.00
22	3	10	75 +	Female	Type 1	30.00



Barplot: Foot examination (by Age Classes)



Barplot: Foot examination (by Gender)

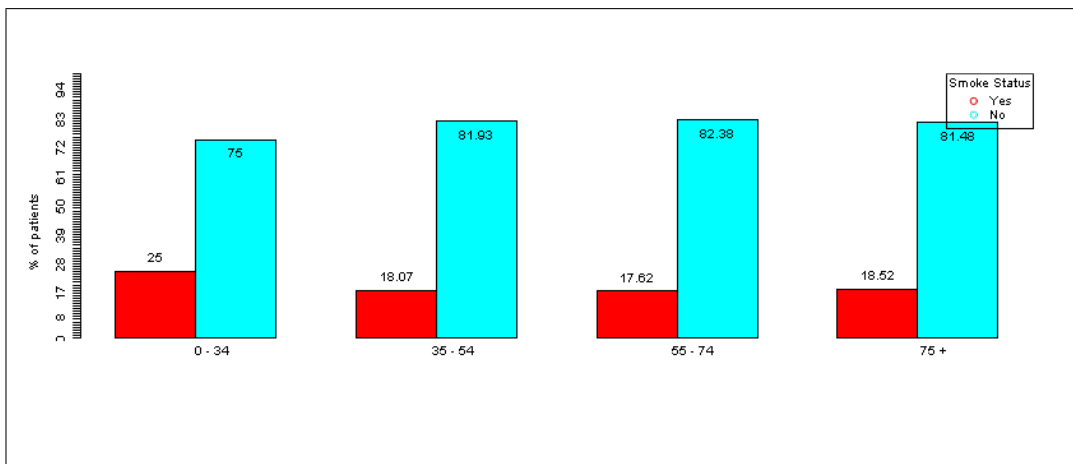


Barplot: Foot examination (by Type of Diabetes)

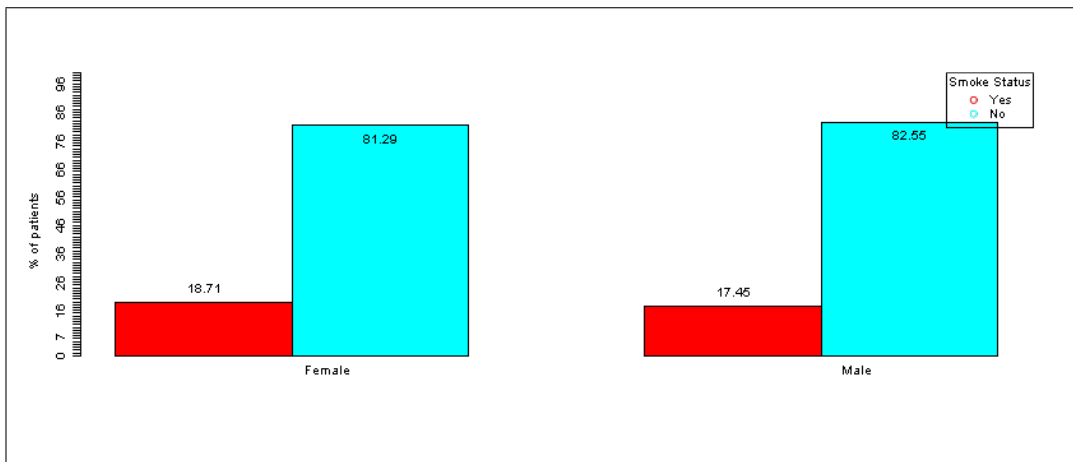
5.2.5 Percentage of diabetes patients whose smoking status was ascertained and documented within the last 12 months

Reference Date: 31/12/2008

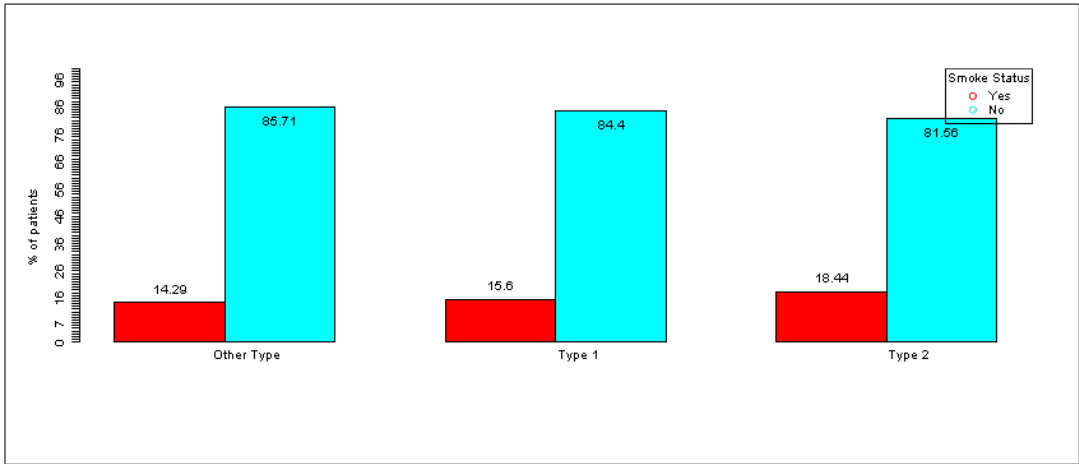
printtab	Obs	Denom	agec	sex	typedm	Percentage
1	12	16	0 - 34	Male	Type 1	75.00
4	10	12	0 - 34	Female	Type 1	83.33
7	14	15	35 - 54	Male	Type 1	93.33
10	16	19	35 - 54	Female	Type 1	84.21
13	16	18	55 - 74	Male	Type 1	88.89
16	15	17	55 - 74	Female	Type 1	88.24
19	1	2	75 +	Male	Type 1	50.00
22	8	10	75 +	Female	Type 1	80.00



Barplot: Smoke Status (by Age Classes)



Barplot: Smoke Status (by Gender)

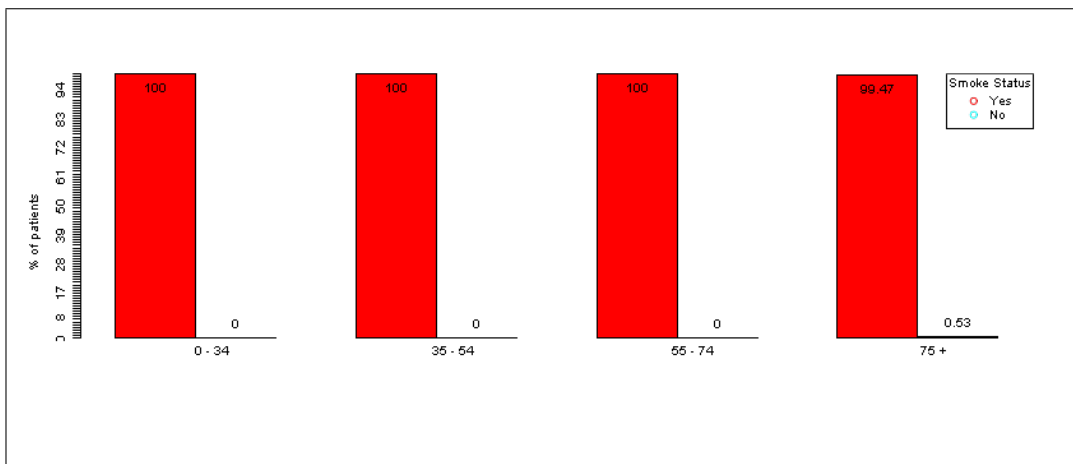


Barplot: Smoke Status (by Type of Diabetes)

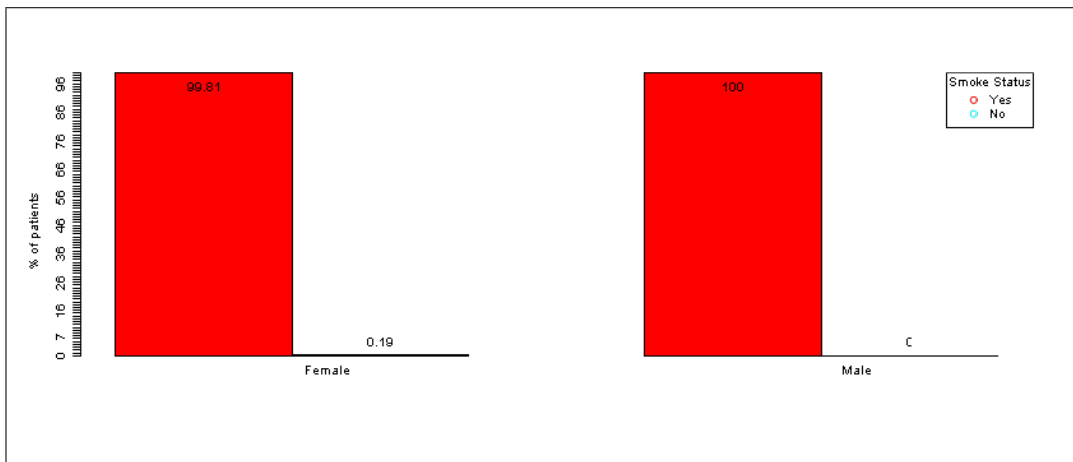
5.2.6 Percent with serum creatinine tested in last 12 months

Reference Date: 31/12/2008

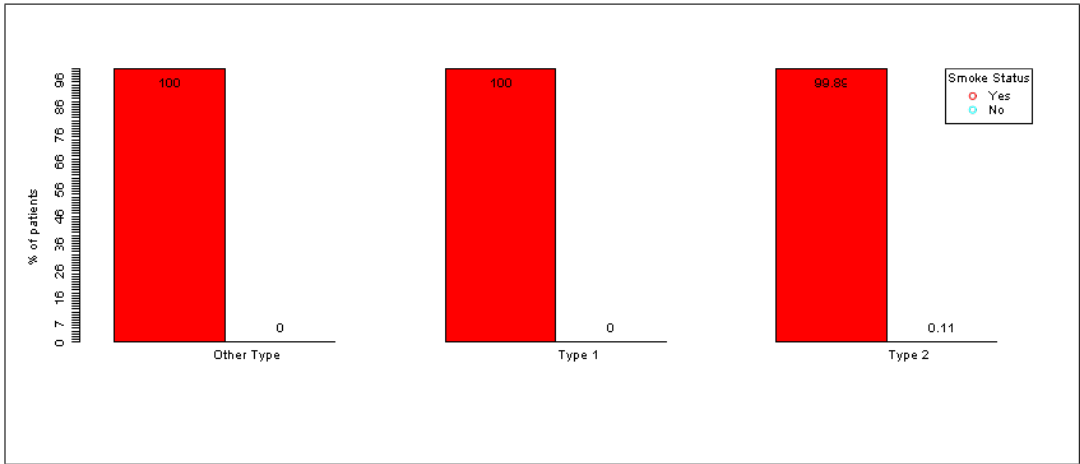
printtab	Obs	Denom	agec	sex	typedm	Percentage
1	0	16	0 - 34	Male	Type 1	0
4	0	12	0 - 34	Female	Type 1	0
7	0	15	35 - 54	Male	Type 1	0
10	0	19	35 - 54	Female	Type 1	0
13	0	18	55 - 74	Male	Type 1	0
16	0	17	55 - 74	Female	Type 1	0
19	0	2	75 +	Male	Type 1	0
22	0	10	75 +	Female	Type 1	0



Barplot: Smoke Status (by Age Classes)



Barplot: Smoke Status (by Gender)

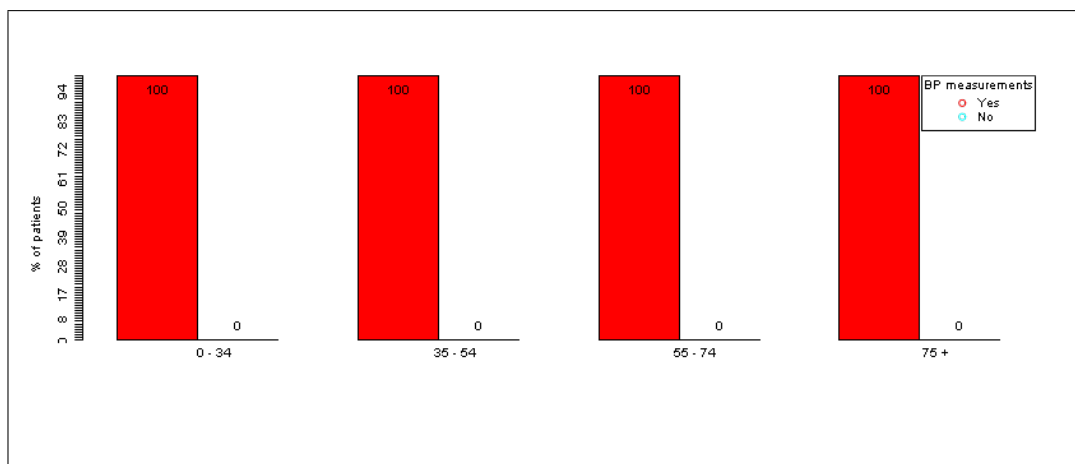


Barplot: Smoke Status (by Type of Diabetes)

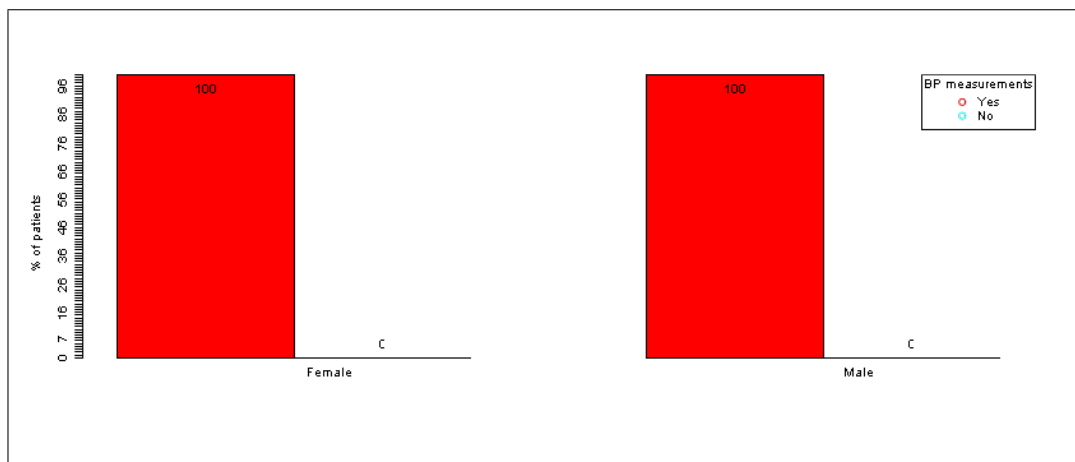
5.2.7 Percentage of patients with diabetes and one or more blood pressure measurements within the last 12 months

Reference Date: 31/12/2008

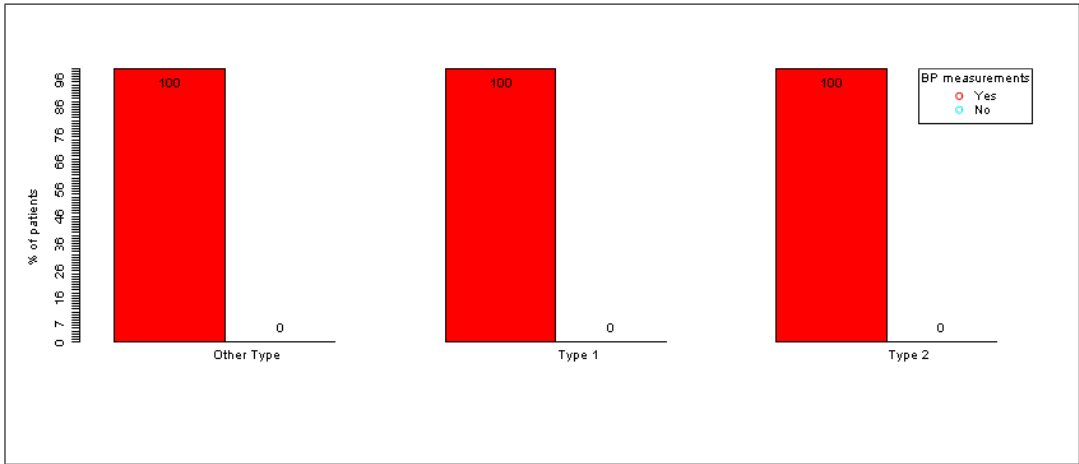
printtab	Obs	Denom	agec	sex	typedm	Percentage
1	16	16	0 - 34	Male	Type 1	100
2	15	15	35 - 54	Male	Type 1	100
3	18	18	55 - 74	Male	Type 1	100
4	2	2	75 +	Male	Type 1	100
5	12	12	0 - 34	Female	Type 1	100
6	19	19	35 - 54	Female	Type 1	100
7	17	17	55 - 74	Female	Type 1	100
8	10	10	75 +	Female	Type 1	100



Barplot: BP measurements (by Age Classes)



Barplot: BP measurements (by Gender)

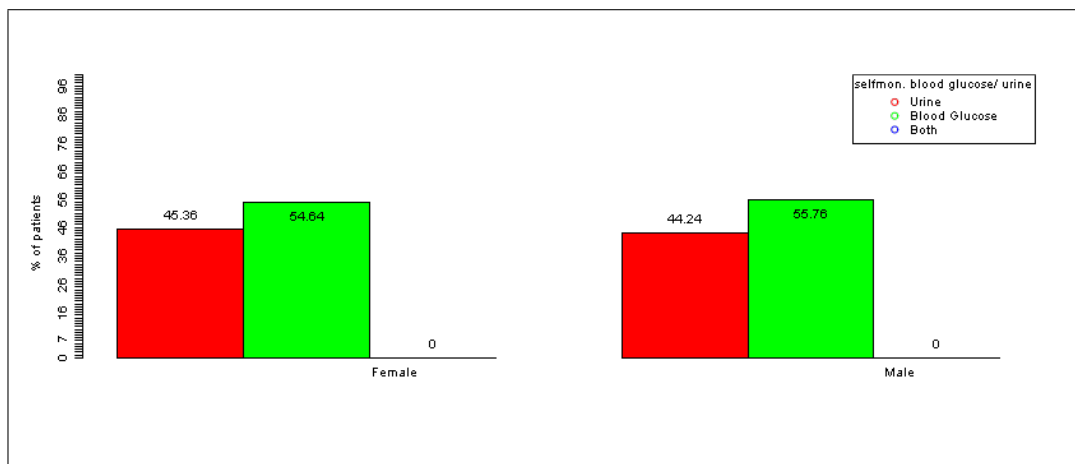
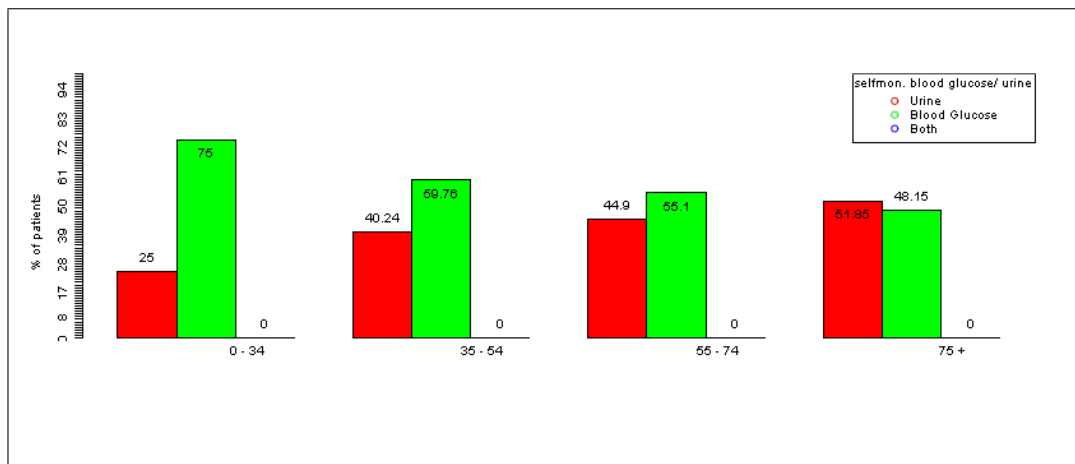


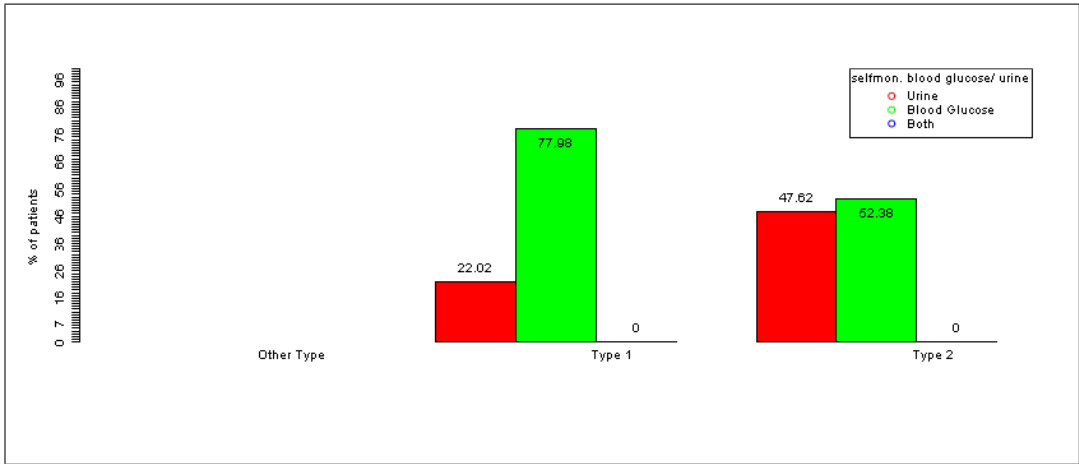
Barplot: BP measurements (by Type of Diabetes)

5.2.16 Percent of patients with diabetes performing selfmonitoring of blood glucose/ urine testing

Reference Date: 31/12/2008

printtab	Obs	Denom	agec	sex	typedm	Percentage
1	13	16	0 - 34	Male	Type 1	81.25
4	10	12	0 - 34	Female	Type 1	83.33
7	12	15	35 - 54	Male	Type 1	80.00
10	17	19	35 - 54	Female	Type 1	89.47
13	15	18	55 - 74	Male	Type 1	83.33
16	12	17	55 - 74	Female	Type 1	70.59
19	1	2	75 +	Male	Type 1	50.00
22	5	10	75 +	Female	Type 1	50.00





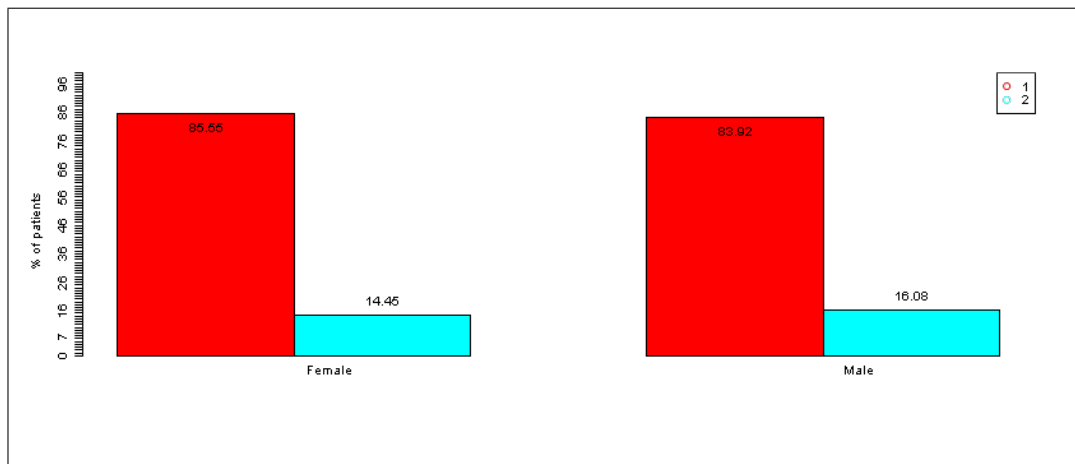
Barplot: selfmon. blood glucose/ urine (by Type of Diabetes)

5.3. Outcome quality - intermediate outcomes

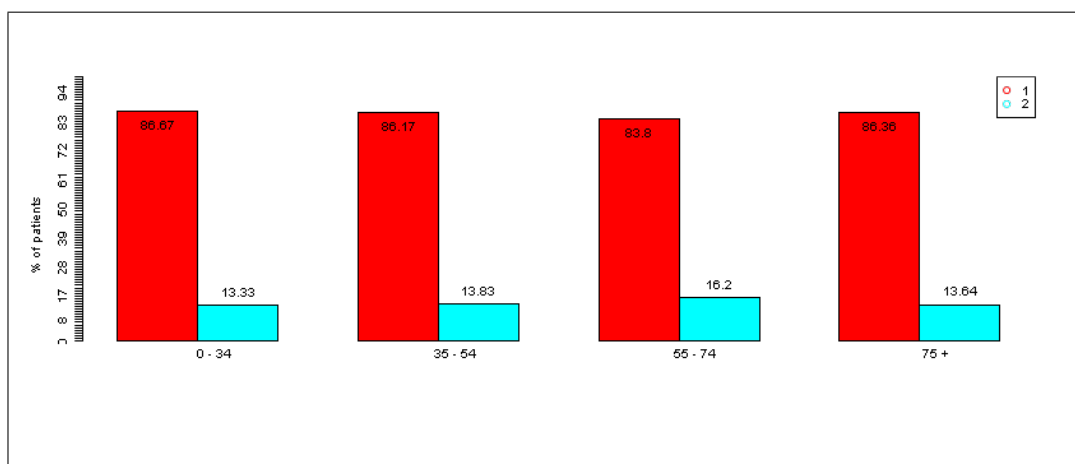
5.3.1 Percentage of patients with most recent HbA1c level greater than 9.0 pct (poor control)

Reference Date: 31/12/2008

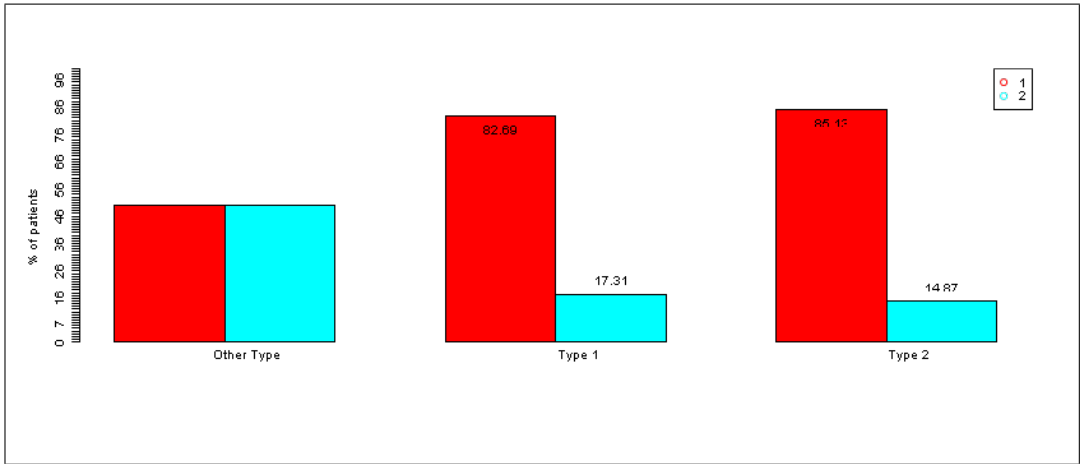
printtab	Obs	Denom	agec	sex	typedm	Percentage
1	6	7	0 - 34	Male	Type 1	85.71
4	6	7	0 - 34	Female	Type 1	85.71
7	8	10	35 - 54	Male	Type 1	80.00
10	8	10	35 - 54	Female	Type 1	80.00
13	6	7	55 - 74	Male	Type 1	85.71
16	5	7	55 - 74	Female	Type 1	71.43
22	4	4	75 +	Female	Type 1	100.00



Barplot: (by)



Barplot: (by)

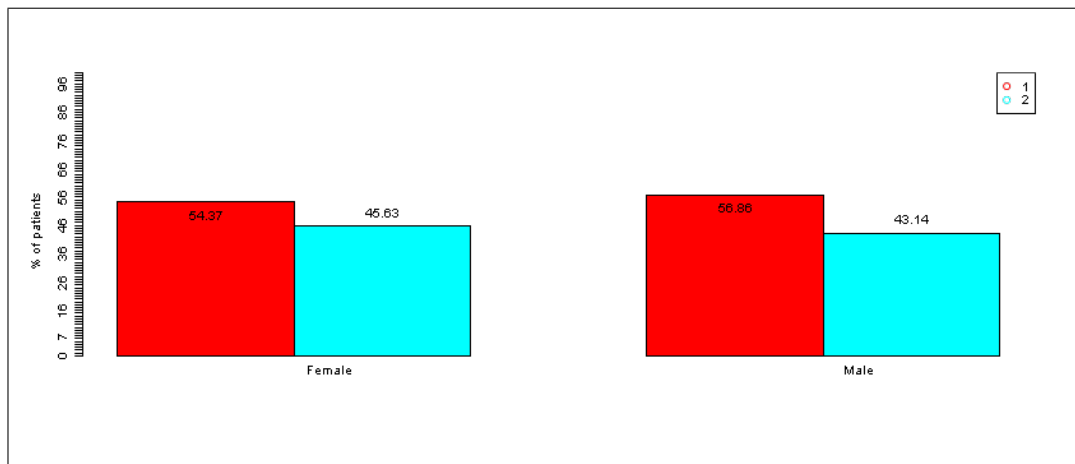


Barplot: (by)

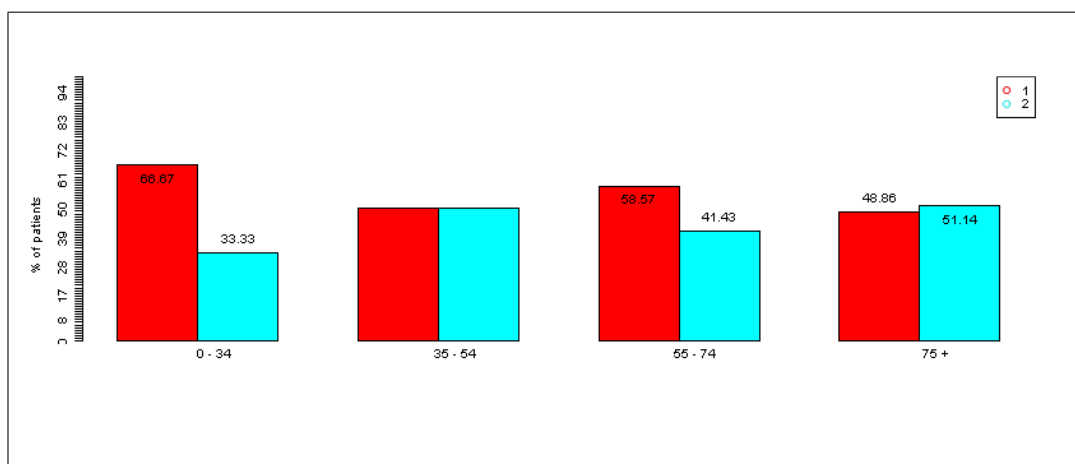
5.3.2 Percentage of patients with most recent HbA1c level greater than 7,5 pct

Reference Date: 31/12/2008

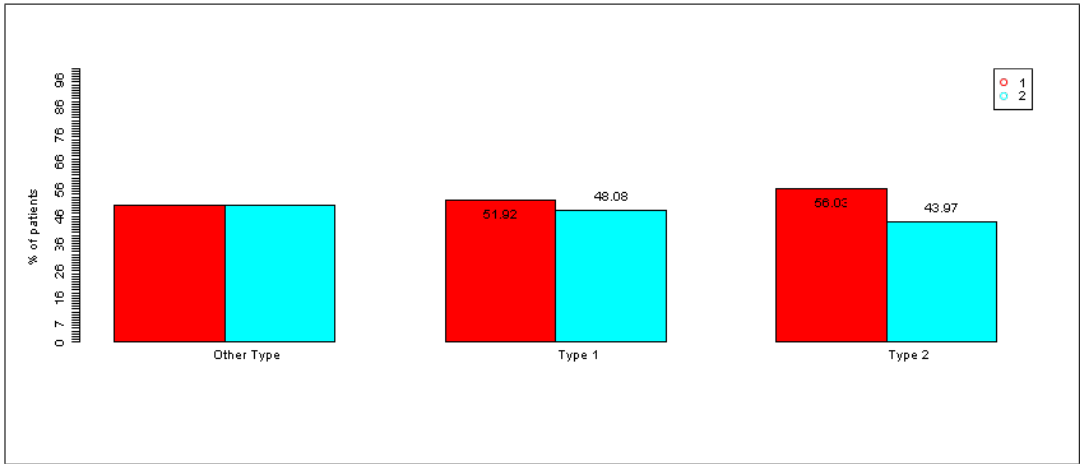
printtab	Obs	Denom	agec	sex	typedm	Percentage
1	5	7	0 - 34	Male	Type 1	71.43
4	4	7	0 - 34	Female	Type 1	57.14
7	4	10	35 - 54	Male	Type 1	40.00
10	5	10	35 - 54	Female	Type 1	50.00
13	4	7	55 - 74	Male	Type 1	57.14
16	3	7	55 - 74	Female	Type 1	42.86
22	2	4	75 +	Female	Type 1	50.00



Barplot: (by)



Barplot: (by)

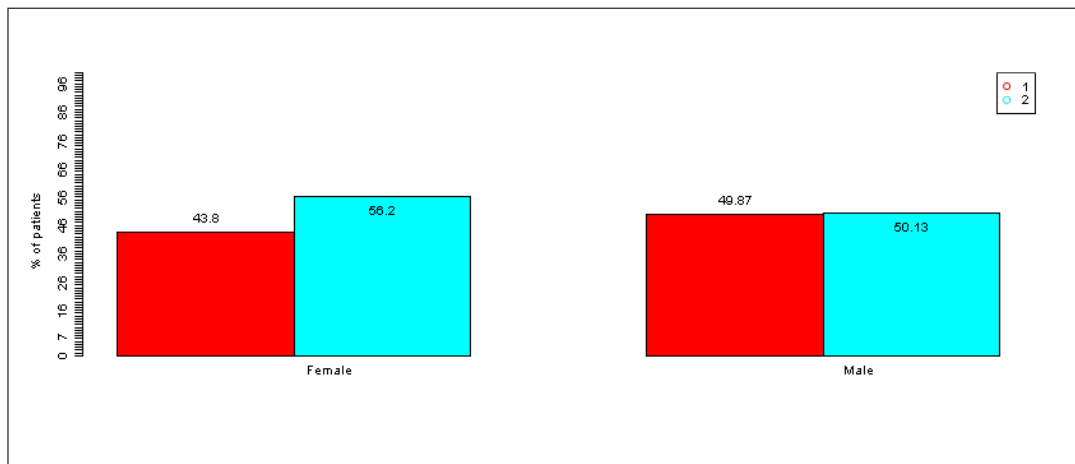


Barplot: (by)

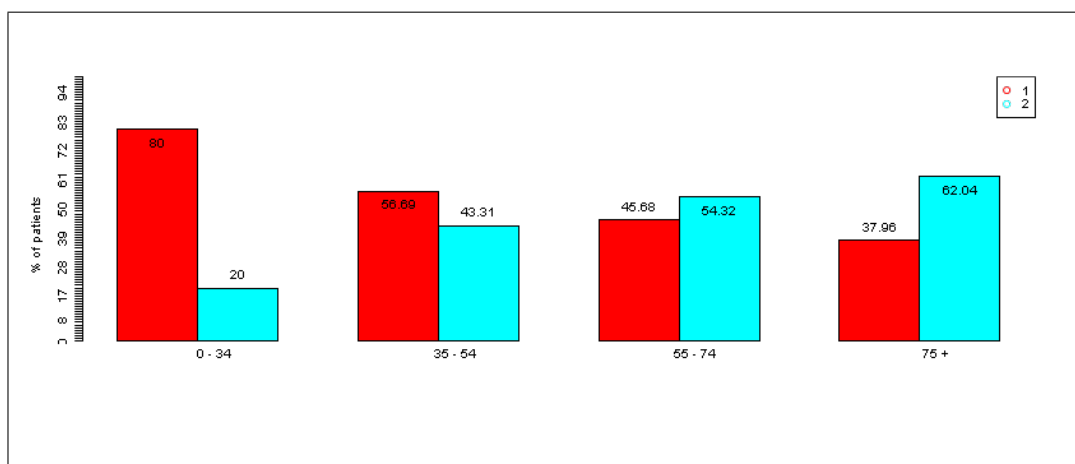
5.3.3 Percentage of patients with most recent blood pressure less than 140/90 mmHg

Reference Date: 31/12/2008

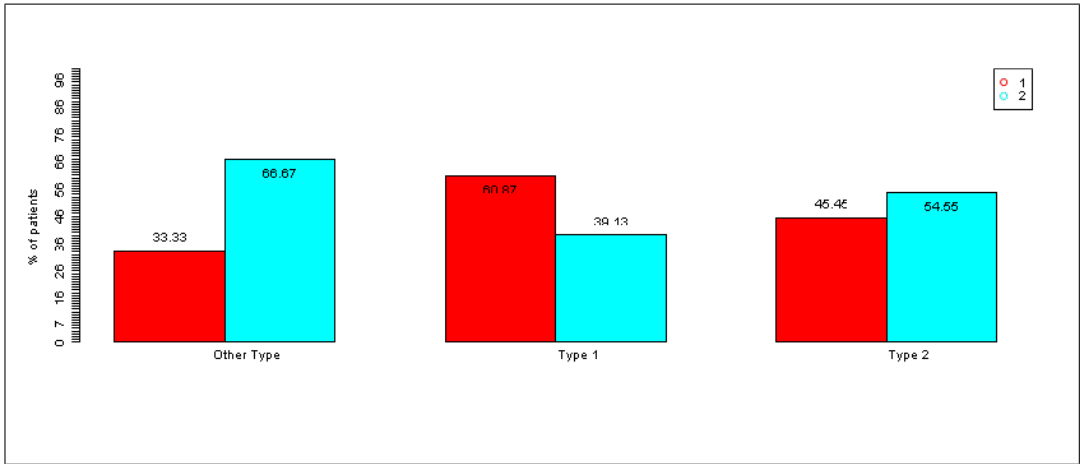
printtab	Obs	Denom	agec	sex	typedm	Percentage
1	6	7	0 - 34	Male	Type 1	85.71
4	6	7	0 - 34	Female	Type 1	85.71
7	11	14	35 - 54	Male	Type 1	78.57
10	8	13	35 - 54	Female	Type 1	61.54
13	5	13	55 - 74	Male	Type 1	38.46
16	5	10	55 - 74	Female	Type 1	50.00
22	1	5	75 +	Female	Type 1	20.00



Barplot: (by)



Barplot: (by)

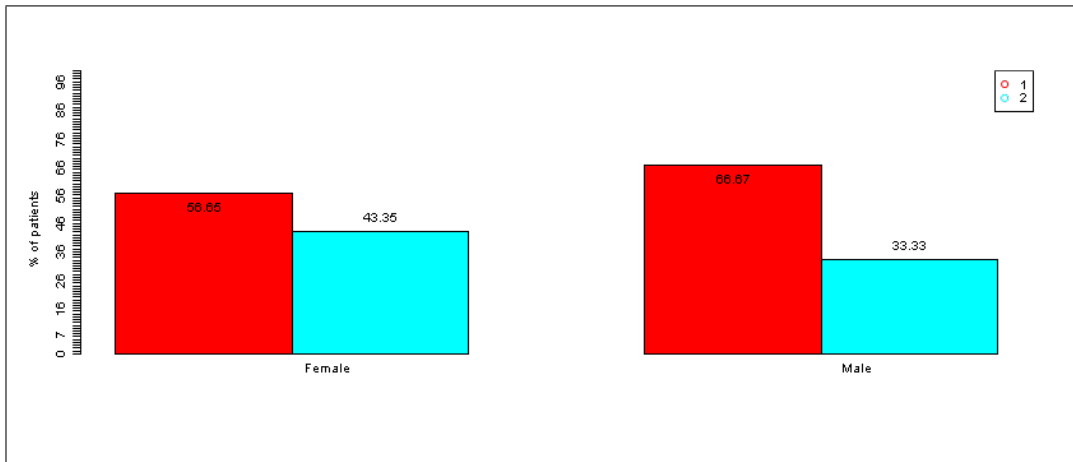


Barplot: (by)

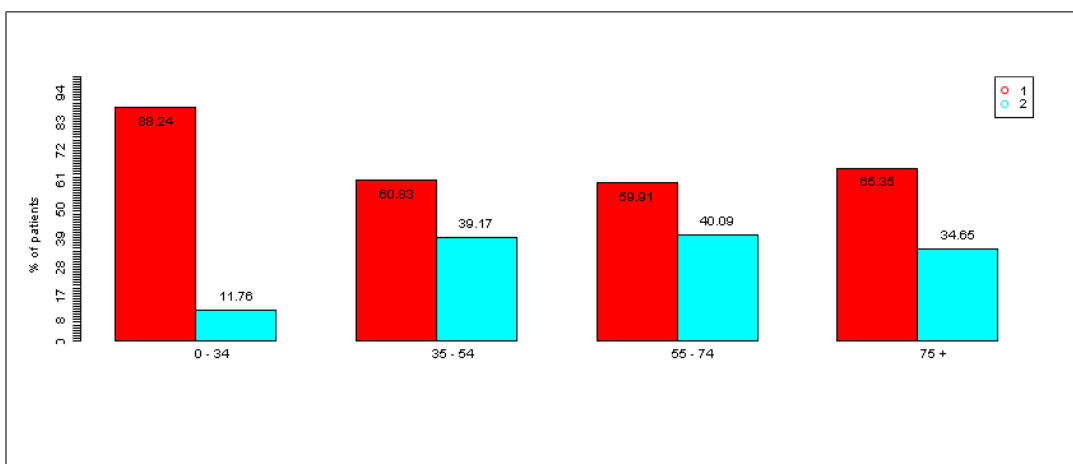
5.3.4 Percentage of patients with BMI greater than 30

Reference Date: 31/12/2008

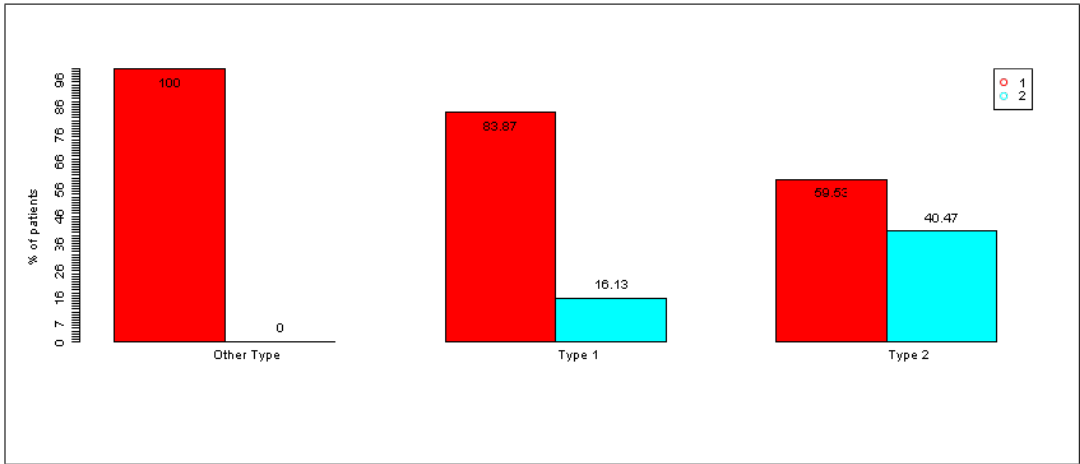
printtab	Obs	Denom	agec	sex	typedm	Percentage
1	8	8	0 - 34	Male	Type 1	100.00
4	7	9	0 - 34	Female	Type 1	77.78
7	10	10	35 - 54	Male	Type 1	100.00
10	10	12	35 - 54	Female	Type 1	83.33
13	9	11	55 - 74	Male	Type 1	81.82
16	6	8	55 - 74	Female	Type 1	75.00
19	1	1	75 +	Male	Type 1	100.00
22	1	3	75 +	Female	Type 1	33.33



Barplot: (by)



Barplot: (by)

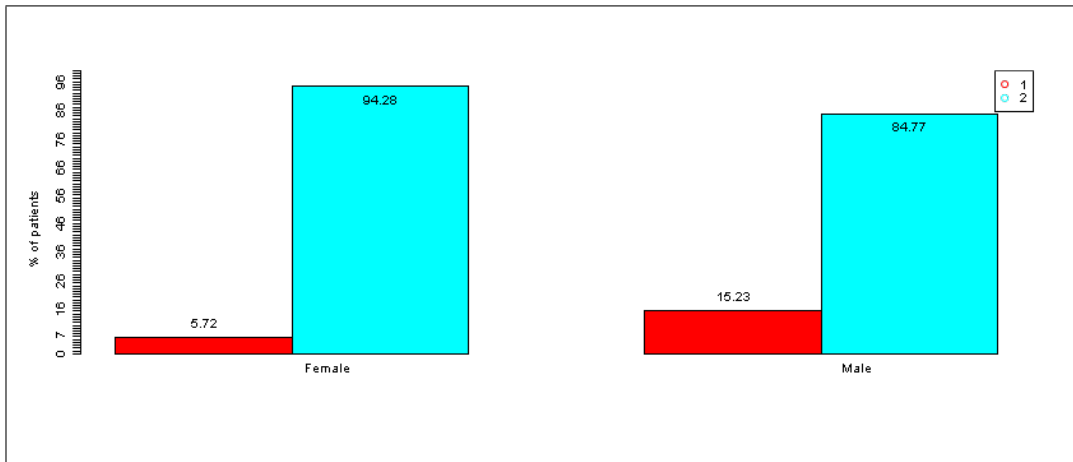


Barplot: (by)

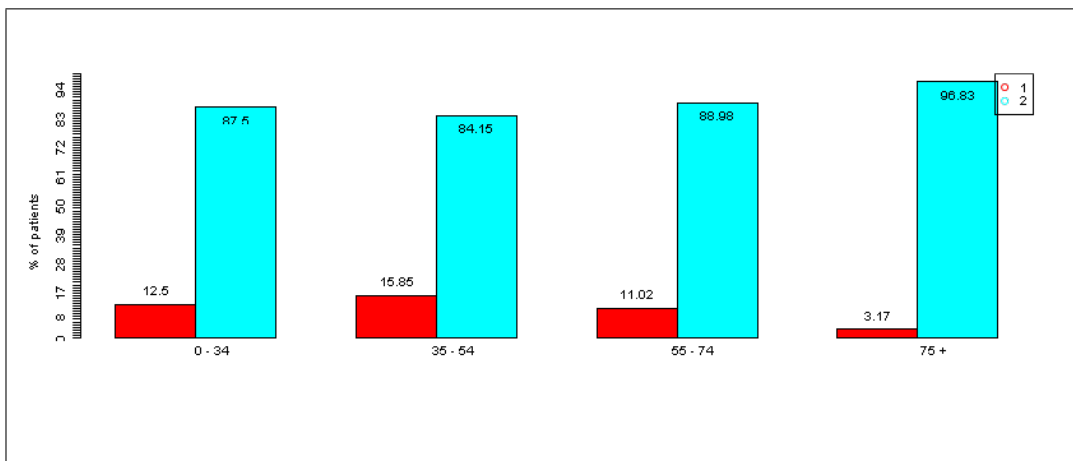
5.3.6 Rate of current smokers among diabetes patients

Reference Date: 31/12/2008

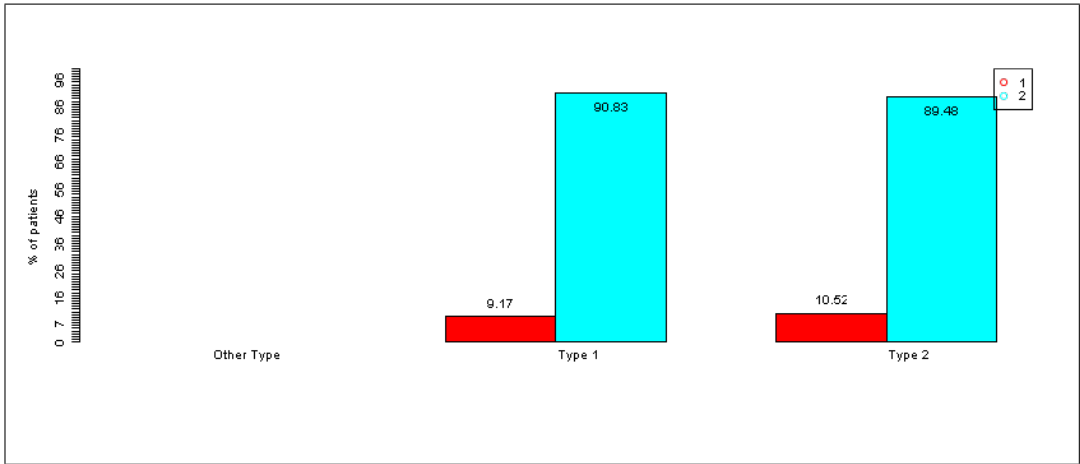
printtab	Obs	Denom	agec	sex	typedm	Percentage
1	3	16	0 - 34	Male	Type 1	18.75
4	0	12	0 - 34	Female	Type 1	0.00
7	3	15	35 - 54	Male	Type 1	20.00
10	0	19	35 - 54	Female	Type 1	0.00
13	3	18	55 - 74	Male	Type 1	16.67
16	1	17	55 - 74	Female	Type 1	5.88
19	0	2	75 +	Male	Type 1	0.00
22	0	10	75 +	Female	Type 1	0.00



Barplot: (by)



Barplot: (by)



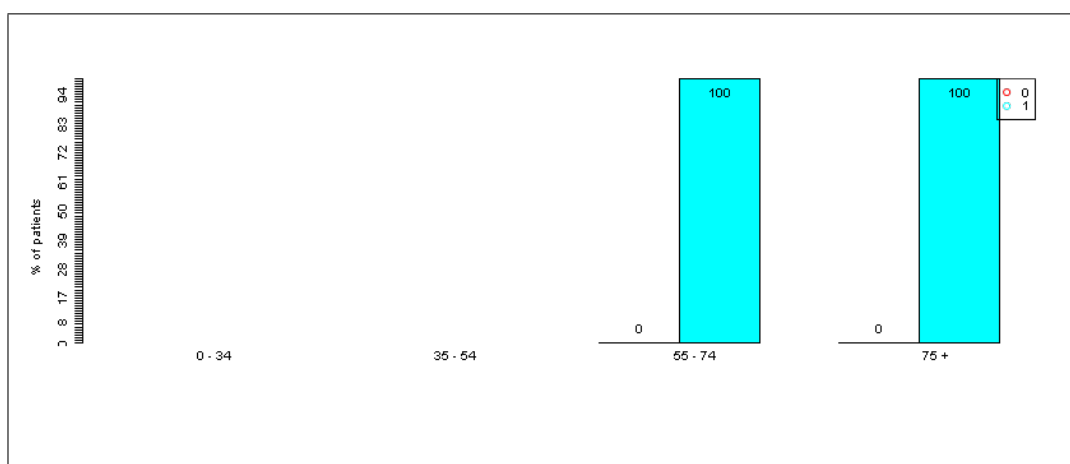
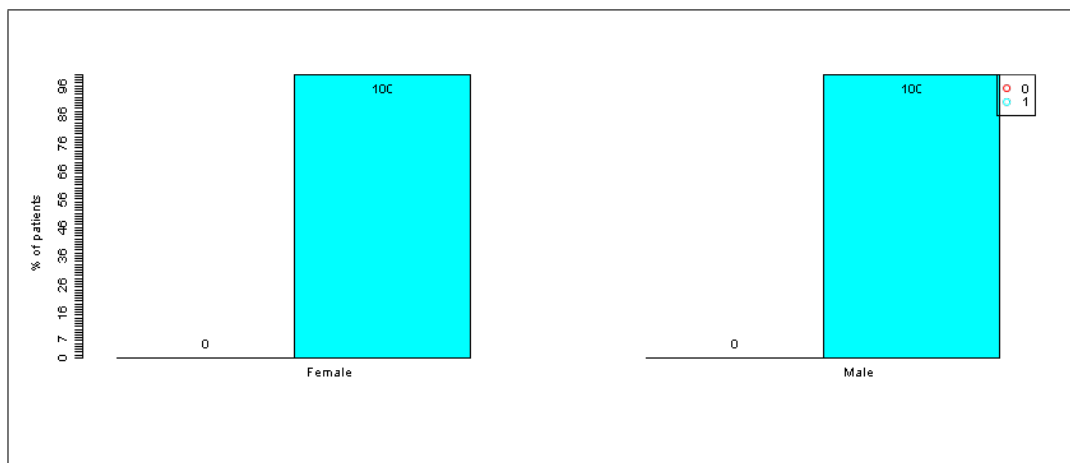
Barplot: (by)

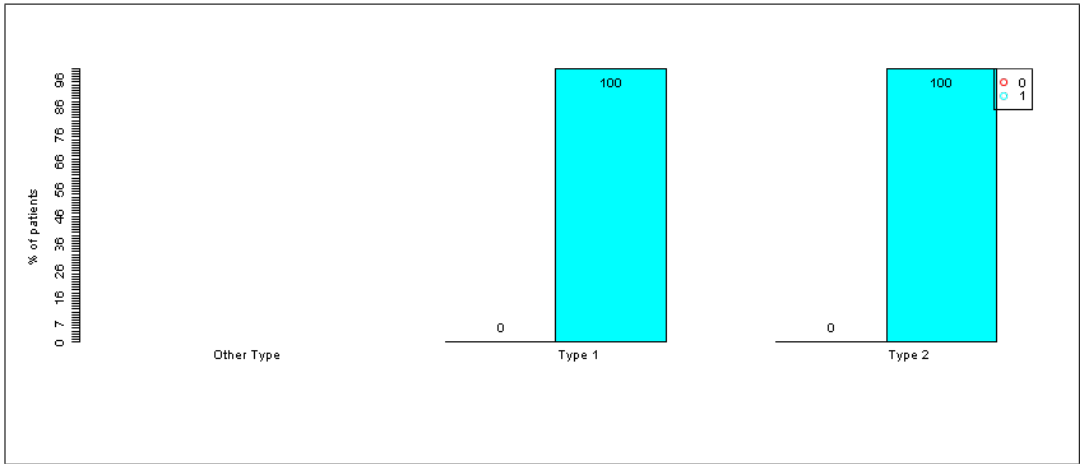
5.4. Outcome quality - terminal outcomes

5.4.2 ESRF in Persons with Diabetes

Reference Date: 31/12/2008

printtab	Obs	Denom	agec	sex	typedm	Rate x 1e+05
1	0	16	0 - 34	Male	Type 1	0
4	0	12	0 - 34	Female	Type 1	0
7	0	15	35 - 54	Male	Type 1	0
10	0	19	35 - 54	Female	Type 1	0
13	1	18	55 - 74	Male	Type 1	5556
16	2	17	55 - 74	Female	Type 1	11765
19	0	2	75 +	Male	Type 1	0
22	0	10	75 +	Female	Type 1	0





Barplot: (by)