

SUPPLEMENTARY DATA

**Supplementary Table A1. Deltas at two years with respect to basal values, Overall and by Surgical Procedure in Responders (patients who experienced diabetes remission) vs Non-Responders**

Overall	GB				VGB			RYGB			BPD					
	RESP	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD			
Weight	0	135	-17.1	9.1	32	-16.2	8.7	82	-15.5	8.69	21	-24.8	7.5	0	.	.
	1	236	-25.5	10.4	55	-23.3	11.3	115	-22.7	9.10	47	-31.7	8.3	19	-33.8	10.2
	Tot	371	-22.5	10.8	87	-20.7	10.9	197	-19.7	9.60	68	-29.6	8.6	19	-33.8	10.2
Waist	0	134	-12.7	8.5	31	-11.7	8.7	82	-11.2	8.16	21	-19.7	6.3	0	.	.
	1	234	-18.0	8.9	55	-17.9	9.0	113	-15.8	8.23	47	-22.2	8.9	19	-20.7	8.3
	Tot	368	-16.0	9.1	86	-15.7	9.4	195	-13.9	8.49	68	-21.4	8.2	19	-20.7	8.3
BMI	0	135	-17.1	9.1	32	-16.2	8.7	82	-15.5	8.69	21	-24.8	7.5	0	.	.
	1	236	-25.5	10.4	55	-23.3	11.3	115	-22.7	9.10	47	-31.7	8.3	19	-33.8	10.2
	Tot	371	-22.5	10.8	87	-20.7	10.9	197	-19.7	9.60	68	-29.6	8.6	19	-33.8	10.2
Fasting Glycemia	0	134	-25.1	29.4	31	-28.6	25.2	82	-23.6	29.09	21	-25.8	36.3	0	.	.
	1	237	-42.9	15.5	55	-41.6	13.6	116	-41.2	15.74	47	-43.2	16.5	19	-56.3	1.0
	Tot	371	-36.4	23.1	86	-36.9	19.5	198	-33.9	23.84	68	-37.9	25.4	19	-56.3	1.0
Fasting Insulinemia	0	133	-34.4	35.0	32	-39.8	34.9	80	-27.9	34.02	21	-50.8	33.3	0	.	.
	1	235	-54.7	25.9	55	-53.2	32.0	115	-51.5	24.61	46	-62.5	23.1	19	-59.8	14.9
	Tot	368	-47.4	31.0	87	-48.3	33.5	195	-41.8	31.03	67	-58.8	27.0	19	-59.8	14.9
HbA1c	0	15	-16.5	20.3	12	-22.0	9.7	0	.	.	3	5.6	37.9	0	.	.
	1	52	-32.8	13.9	17	-23.0	13.5	0	.	.	16	-31.0	10.3	19	-43.0	9.6
	Tot	67	-29.1	16.8	29	-22.6	11.9	0	.	.	19	-25.2	20.9	19	-43.0	9.6
HOMA-IR	0	132	-49.3	38.3	31	-57.3	27.2	80	-41.8	43.75	21	-66.0	17.7	0	.	.
	1	235	-73.7	17.9	55	-72.2	20.5	115	-70.8	18.32	46	-78.8	14.6	19	-82.6	6.9
	Tot	367	-64.9	29.5	86	-66.8	24.1	195	-58.9	34.37	67	-74.8	16.4	19	-82.6	6.9
SBP	0	123	-5.4	14.9	20	-4.1	12.5	82	-5.3	14.97	21	-7.2	17.0	0	.	.
	1	216	-7.5	12.9	38	-8.1	13.5	112	-4.6	13.08	47	-11.1	10.3	19	-14.5	12.6
	Tot	339	-6.8	13.7	58	-6.7	13.2	194	-4.9	13.87	68	-9.9	12.7	19	-14.5	12.6
DBP	0	123	-5.9	12.3	20	-8.0	10.7	82	-4.6	12.17	21	-9.0	13.7	0	.	.
	1	216	-8.0	11.6	38	-7.3	13.3	112	-6.9	11.18	47	-9.1	11.9	19	-13.1	9.0
	Tot	339	-7.2	11.9	58	-7.5	12.3	194	-5.9	11.63	68	-9.1	12.4	19	-13.1	9.0
HDL-cholesterol	0	127	18.10	24.36	30	22.24	22.71	76	16.11	25.61	21	19.43	22.13	0	.	.
	1	216	30.08	100.29	50	22.72	22.27	102	22.99	23.76	45	61.57	214.02	19	12.93	20.68
	Tot	343	25.65	81.09	80	22.54	22.30	178	20.05	24.73	66	48.16	177.62	19	12.93	20.68

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Cholesterol	0	135	-1.55	19.48	32	2.75	22.09	82	-1.45	17.85	21	-8.48	20.37	0	.	.
	1	235	-6.95	20.68	55	-2.62	17.86	115	-1.99	14.41	46	-7.06	20.47	19	-49.26	11.52
	Tot	370	-4.98	20.39	87	-0.65	19.57	197	-1.77	15.89	67	-7.51	20.29	19	-49.26	11.52
Triglycerides	0	135	-19.30	37.27	32	-27.25	31.69	82	-14.55	37.81	21	-25.76	41.52	0	.	.
	1	235	-35.60	28.23	55	-39.52	28.15	115	-31.77	28.47	46	-31.75	27.68	19	-56.79	16.76
	Tot	370	-29.66	32.73	87	-35.01	29.92	197	-24.60	33.68	67	-29.88	32.44	19	-56.79	16.76
LDL-cholesterol	0	127	5.24	38.03	30	11.75	38.46	76	6.83	39.33	21	-9.81	29.24	0	.	.
	1	216	-5.47	35.81	50	6.90	33.19	102	4.49	22.51	45	-16.83	44.29	19	-64.57	16.00
	Tot	343	-1.50	36.95	80	8.72	33.18	178	5.49	30.76	66	-14.60	40.02	19	-64.57	16.00
Hip circumference	0	12	-9.79	5.24	12	-9.79	5.24	0	.	.	0	.	.	0	.	.
	1	17	-12.31	6.61	17	-12.31	6.61	0	.	.	0	.	.	0	.	.
	Tot	29	-11.27	6.11	29	-11.27	6.11	0	.	.	0	.	.	0	.	.
Neck circumference	0	12	-6.62	6.07	12	-6.62	6.07	0	.	.	0	.	.	0	.	.
	1	17	-6.75	7.70	17	-6.75	7.70	0	.	.	0	.	.	0	.	.
	Tot	29	-6.69	6.95	29	-6.69	6.95	0	.	.	0	.	.	0	.	.

SUPPLEMENTARY DATA

**Supplementary Table A2. Results from ANOVAs with between factors Diabetes Remission and Surgical technique at four levels on Delta variables.**

	Surgical Procedure						
	Resp vs Non Resp	GB			VGB		RYGB
		VGB	RYGB	BPD	RYGB	BPD	BPD
P	P	P	P	P	P	P	
Weight	<0.001		<0.001	<0.001	<0.001	<0.001	
Waist	<0.001		<0.001		<0.001	<0.001	
BMI	<0.001		<0.001	<0.001	<0.001	<0.001	
Fasting Glycemia	<0.001			0.004		<0.001	0.008
Fasting Insulinemia	<0.001				<0.001		
HbA1c	0.026			<0.001			<0.001
HOMA-IR	<0.001				<0.001	<0.001	
SBP	NS				0.044	0.019	
DBP	NS						
HDL-cholesterol	NS						
Cholesterol	NS			<0.001		<0.001	<0.001
Triglycerides	<0.001	0.035		0.030		<0.001	0.006
LDL-cholesterol	NS		<0.001	<0.001	<0.001	<0.001	<0.001

SUPPLEMENTARY DATA

**Supplementary Table A3. P values from t-tests between medical treatment and each surgical procedure for variables at baseline and for delta variables.**

	T-test for variables at Baseline				T-test for Delta variables			
	GB (n=91)	VBG (n=227)	RYGB (n=77)	BPD (n=20)	GB (n=91)	VBG (n=227)	RYGB (n=77)	BPD (n=20)
	P	P	P	P	P	P	P	P
Age	NS	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Weight	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Waist	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
BMI	NS	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Fasting Glycemia	NS	NS	NS	NS	<0.001	<0.001	<0.001	<0.001
Fasting Insulinemia	NS	0.032	NS	NS	<0.001	<0.001	<0.001	<0.001
HbA1c	NS	NS	NS	0.025	<0.001	<0.001	<0.001	<0.001
HOMA-IR	NS	0.036	NS	NS	<0.001	<0.001	<0.001	<0.001
SBP	0.043	0.003	0.003	NS	0.004	0.008	<0.001	<0.001
DBP	0.009	<0.001	NS	0.004	0.002	0.001	<0.001	<0.001
HDL-cholesterol	NS	NS	NS	<0.001	<0.001	<0.001	0.05	0.027
Cholesterol	NS	0.007	0.013	NS	NS	NS	0.03	<0.001
Triglycerides	NS	NS	NS	NS	<0.001	<0.001	<0.001	<0.001
LDL-cholesterol	NS	0.018	NS	NS	0.007	0.006	0.020	<0.001
Diabetes duration	<0.001	NS	NS	<0.001	-	-	-	-

SUPPLEMENTARY DATA

**Supplementary Table A4. Results from ANOVAs with two between factors (Diabetes Remission, Resp. vs Non Resp., and Surgical Procedure, GO vs GD) on Baseline and Delta variables.**

	Anova Baseline		Anova %Delta	
	Resp vs Non Resp	GO. Vs GD.	Resp vs Non Resp	GO. Vs GD.
	P	P	P	P
Age (yrs)	NS	<0.001	-	-
Weight (kg)	0.036	0.0011	<0.001	<0.001
Waist (cm)	NS	NS	<0.001	<0.001
BMI (kg/m <sup>2</sup> )	0.019	<0.001	<0.001	<0.001
Fasting Glycemia (mmol/l)	<0.001	NS	<0.001	0.0074
Fasting Insulinemia (mU/l)	NS	0.0018	<0.001	<0.001
HbA1c (%)	NS	0.007	0.001	0.0034
HOMA-IR (mmol/l·mU/l/22.5)	0.017	0.031	<0.001	<0.001
SBP (mmHg)	NS	NS	NS	<0.001
DBP (mmHg)	NS	NS	NS	0.013
HDL-cholesterol (mmol/l)	NS	NS	NS	NS
Total cholesterol (mmol/l)	NS	0.0031	NS	<0.001
Triglycerides (mmol/l)	NS	0.0062	<0.001	0.04
LDL cholesterol (mmol/l)	NS	NS	NS	<0.001
Diabetes duration (yrs)	<0.001	<0.001	-	-

SUPPLEMENTARY DATA

**Supplementary Table A5. Baseline variable values Overall and by Surgical Procedure in Responders (patients who experienced diabetes remission) vs Non-Responders**

Overall					GB			VBG			RYGB			BPD		
Variable	RESP	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
Age	0	135	48.74	6.08	32	49.73	5.75	82	49.21	5.79	21	45.39	6.81	0	.	.
	1	234	47.73	6.53	55	47.62	6.85	116	48.66	5.59	47	47.25	7.12	16	42.75	8.06
	Tot	369	48.10	6.38	87	48.39	6.52	198	48.89	5.66	68	46.672	7.027	16	42.75	8.06
Weight	0	135	118.77	15.63	32	115.03	14.66	82	119.36	15.57	21	122.17	16.93	0	.	.
	1	237	124.15	21.88	55	119.48	21.70	116	122.94	20.13	47	127.20	19.96	19	137.52	31.15
	Tot	372	122.20	19.99	87	117.84	19.43	198	121.46	18.42	68	125.650	19.093	19	137.52	31.15
Waist	0	135	126.29	11.05	32	121.31	11.69	82	127.96	9.56	21	127.33	13.58	0	.	.
	1	235	127.92	14.01	55	124.95	14.34	114	128.70	13.07	47	128.19	12.91	19	131.21	19.88
	Tot	370	127.33	13.02	87	123.61	13.47	196	128.39	11.71	68	127.926	13.024	19	131.21	19.88
BMI	0	135	40.99	4.00	32	39.57	3.50	82	41.08	3.95	21	42.79	4.29	0	.	.
	1	237	42.48	5.27	55	40.56	4.98	116	42.45	4.85	47	43.94	4.78	19	44.66	7.69
	Tot	372	41.94	4.89	87	40.20	4.49	198	41.88	4.54	68	43.59	4.64	19	44.66	7.69
Fasting Glycemia	0	134	9.71	2.78	31	9.04	2.02	82	9.78	2.83	21	10.42	3.40	0	.	.
	1	237	8.10	2.44	55	7.99	1.95	116	7.85	2.20	47	8.27	2.85	19	9.55	3.47
	Tot	371	8.68	2.68	86	8.37	2.03	198	8.65	2.65	68	8.94	3.17	19	9.55	3.47
Fasting Insulinemia	0	133	26.19	15.05	32	28.08	15.27	80	26.33	16.16	21	22.78	9.21	0	.	.
	1	235	26.72	13.14	55	28.24	13.41	115	28.46	14.08	46	24.40	9.92	19	17.42	8.47
	Tot	368	26.53	13.84	87	28.18	14.04	195	27.59	14.97	67	23.89	9.66	19	17.42	8.47
HbA1c	0	15	8.02	0.84	12	7.95	0.90	0	.	.	3	8.30	0.60	0	.	.
	1	52	8.47	1.61	17	7.72	1.40	0	.	.	16	8.73	1.46	19	8.92	1.75
	Tot	67	8.37	1.48	29	7.81	1.21	0	.	.	19	8.66	1.35	19	8.92	1.75
HOMA-IR	0	132	11.41	7.85	31	11.45	7.40	80	11.74	8.67	21	10.11	4.72	0	.	.
	1	235	9.56	5.49	55	9.86	4.77	115	9.99	6.16	46	8.99	4.74	19	7.41	4.42
	Tot	367	10.22	6.49	86	10.43	5.87	195	10.71	7.32	67	9.34	4.73	19	7.41	4.42
SBP	0	123	152.63	20.84	20	152.55	21.56	82	151.96	19.66	21	155.33	25.19	0	.	.
	1	219	149.78	19.96	38	149.97	20.35	115	148.23	18.05	47	151.19	19.15	19	155.26	30.34
	Tot	342	150.81	20.30	58	150.86	20.62	197	149.79	18.78	68	152.47	21.09	19	155.26	30.34
DBP	0	123	91.71	11.30	20	93.25	9.77	82	91.46	10.60	21	91.19	15.19	0	.	.
	1	219	92.27	11.86	38	92.08	10.85	115	92.03	11.35	47	91.51	13.36	19	95.95	13.22
	Tot	342	92.07	11.65	58	92.48	10.42	197	91.80	11.02	68	91.41	13.84	19	95.95	13.22
HDL-cholesterol	0	128	1.24	0.29	30	1.18	0.26	77	1.25	0.30	21	1.29	0.30	0	.	.
	1	220	1.22	0.30	50	1.34	0.29	105	1.20	0.28	46	1.23	0.35	19	0.99	0.21
	Tot	348	1.23	0.30	80	1.28	0.29	182	1.22	0.29	67	1.25	0.33	19	0.99	0.21

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Cholesterol	0	135	5.72	1.20	32	5.43	0.98	82	5.93	1.27	21	5.38	1.09	0	.	.
	1	236	5.84	1.31	55	5.92	1.32	115	6.07	1.24	47	5.28	1.19	19	5.59	1.52
	Tot	371	5.80	1.27	87	5.74	1.23	197	6.01	1.26	68	5.31	1.15	19	5.59	1.52
Triglycerides	0	135	2.73	1.44	32	2.49	1.03	82	2.97	1.64	21	2.18	0.78	0	.	.
	1	236	2.82	2.46	55	3.22	3.29	115	2.95	2.22	47	2.15	2.13	19	2.54	1.23
		371	2.79	2.14	87	2.95	2.71	197	2.95	1.99	68	2.155	1.814	19	2.54	1.23
LDL-cholesterol	0	128	3.21	1.02	30	3.07	0.81	77	3.29	1.11	21	3.10	0.94	0		
	1	220	3.37	1.02	50	3.26	0.77	105	3.55	1.00	46	3.07	1.19	19	3.45	1.23
	Tot	348	3.31	1.02	80	3.19	0.78	182	3.44	1.04	67	3.08	1.11	19	3.45	1.23
Hip circumference	0	12	118.33	5.71	12	118.33	5.71	0	.	.	0	.	.	0	.	.
	1	17	119.41	7.05	17	119.41	7.05	0	.	.	0	.	.	0	.	.
		29	118.97	6.44	29	118.97	6.44	0	.	.	0	.	.	0		
Neck circumference	0	12	42.92	3.92	12	42.92	3.92	0	.	.	0	.	.	0	.	.
	1	17	41.06	3.93	17	41.06	3.93	0	.	.	0	.	.	0	.	.
		29	41.83	3.97	29	41.83	3.97	0	.	.	0	.	.	0		
Diabetes duration	0	122	6.21	6.67	20	3.95	4.97	82	5.63	5.82	20	10.85	9.21	0	.	.
	1	220	1.78	2.56	38	0.71	1.61	116	1.09	2.00	47	2.63	2.86	19	6.05	1.27
		342	3.36	4.95	58	1.83	3.51	198	2.97	4.62	67	5.08	6.67	19	6.05	1.27

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**Supplementary Table A6. Variable values after 2 years from surgery, Overall and by Surgical Procedure in Responders (patients who experienced diabetes remission) vs Non-Responders**

	RESP	Overall			Banding			VGB			RYGB			BPD		
		N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD
Weight	0	135	98.48	17.16	32	96.50	17.04	82	101.03	17.65	21	91.54	13.33	0	.	.
	1	236	91.86	17.48	55	91.38	20.54	115	94.60	15.66	47	86.67	16.86	19	89.53	17.84
	Tot	371	94.27	17.63	87	93.26	19.39	197	97.28	16.78	68	88.17	15.92	19	89.53	17.84
Waist	0	134	110.22	14.33	31	106.63	13.38	82	113.68	14.24	21	102.00	11.63	0	.	.
	1	236	104.60	13.86	55	102.31	14.74	115	107.90	11.77	47	99.64	14.56	19	103.53	16.94
	Tot	370	106.63	14.27	86	103.87	14.34	197	110.30	13.14	68	100.37	13.68	19	103.53	16.94
BMI	0	135	34.01	5.19	32	33.25	5.27	82	34.77	5.19	21	32.18	4.64	0	.	.
	1	236	31.42	4.60	55	30.92	5.12	115	32.66	4.16	47	29.86	4.05	19	29.19	4.90
	Tot	371	32.36	4.98	87	31.78	5.27	197	33.54	4.72	68	30.57	4.34	19	29.19	4.90
Fasting Glycemia	0	135	6.86	2.59	32	6.21	1.84	82	7.01	2.46	21	7.24	3.79	0	.	.
	1	237	4.33	0.61	55	4.47	0.62	116	4.33	0.57	47	4.33	0.63	19	3.89	0.67
	Tot	372	5.25	2.04	87	5.11	1.47	198	5.44	2.11	68	5.23	2.53	19	3.89	0.67
Fasting Insulinemia	0	135	15.25	8.75	32	15.53	10.53	82	16.48	8.17	21	10.02	5.93	0	.	.
	1	237	10.84	6.45	55	11.86	8.25	116	12.09	5.92	47	8.30	4.55	19	3.89	0.67
	Tot	372	12.44	7.66	87	13.21	9.27	198	13.91	7.25	68	8.83	5.04	19	3.89	0.67
HbA1c	0	15	6.66	1.57	12	6.17	0.83	0	.	.	3	8.63	2.48	0	.	.
	1	52	5.52	0.67	17	5.78	0.47	0	.	.	16	5.92	0.60	19	4.95	0.49
	Tot	67	5.77	1.05	29	5.94	0.66	0	.	.	19	6.35	1.42	19	4.95	0.49
HOMA-IR	0	135	4.88	4.35	32	4.74	5.52	82	5.42	4.20	21	2.97	1.61	0	.	.
	1	237	2.13	1.34	55	2.35	1.54	116	2.37	1.30	47	1.65	1.04	19	1.16	0.79
	Tot	372	3.13	3.12	87	3.23	3.72	198	3.63	3.25	68	2.06	1.38	19	1.16	0.79
SBP	0	123	143.19	23.12	20	145.00	19.26	82	142.89	22.87	21	142.62	28.00	0	.	.
	1	217	137.73	20.56	38	136.58	20.34	113	141.40	23.18	47	133.28	15.32	19	129.21	8.04
	Tot	340	139.70	21.65	58	139.48	20.21	195	142.03	23.00	68	136.16	20.35	19	129.21	8.04
DBP	0	123	85.64	11.60	20	85.35	10.43	82	86.63	11.09	21	82.05	14.20	0	.	.
	1	217	84.21	10.62	38	84.61	10.23	113	85.27	11.98	47	82.11	8.94	19	82.37	4.21
	Tot	340	84.73	10.99	58	84.86	10.21	195	85.84	11.61	68	82.09	10.73	19	82.37	4.21
HDL-cholesterol	0	133	1.42	0.33	32	1.40	0.31	80	1.40	0.34	21	1.51	0.32	0	.	.
	1	230	1.49	0.38	54	1.61	0.40	111	1.45	0.34	46	1.61	0.38	19	1.08	0.15
	Tot	363	1.46	0.36	86	1.53	0.38	191	1.43	0.34	67	1.58	0.37	19	1.08	0.15



## SUPPLEMENTARY DATA

Cholesterol	0	135	5.53	1.17	32	5.48	1.13	82	5.73	1.17	21	4.79	0.98	0	.	.
	1	236	5.37	1.39	55	5.63	0.97	116	5.89	1.18	46	4.82	1.11	19	2.77	0.81
	Tot	371	5.43	1.32	87	5.57	1.03	198	5.83	1.18	67	4.81	1.06	19	2.77	0.81
Triglycerides	0	135	2.00	1.12	32	1.72	0.85	82	2.26	1.24	21	1.38	0.41	0	.	.
	1	236	1.52	0.83	55	1.54	0.96	116	1.73	0.84	46	1.18	0.50	19	0.96	0.32
	Tot	371	1.69	0.97	87	1.61	0.92	198	1.95	1.06	67	1.24	0.48	19	0.96	0.32
LDL-cholesterol	0	133	3.20	0.98	32	3.30	0.90	80	3.30	0.99	21	2.65	0.88	0	.	.
	1	230	3.18	1.15	54	3.30	0.77	111	3.65	1.02	46	2.67	0.93	19	1.25	0.71
	Tot	363	3.18	1.09	86	3.32	0.81	191	3.50	1.02	67	2.66	0.91	19	1.25	0.71
Hip circumference	0	12	106.63	6.28	12	106.63	6.28	0	.	.	0	.	.	0	.	.
	1	17	104.47	7.05	17	104.47	7.05	0	.	.	0	.	.	0	.	.
	Tot	29	105.36	6.71	29	105.36	6.71	0	.	-	0	.	.	0	.	.
Neck circumference	0	12	40.00	3.74	12	40.00	3.74	0	.	.	0	.	.	0	.	.
	1	17	38.21	4.07	17	38.21	4.07	0	.	.	0	.	.	0	.	.
	Tot	29	38.95	3.97	29	38.95	3.97	0	.	.	0	.	.	0	.	.

SUPPLEMENTARY DATA

**Supplementary Table A7. Results from ANOVAs with between factors Diabetes Remission and Surgical technique at four levels on Baseline variables.**

	Surgical Procedure						
	Resp vs Non Resp	GB			VGB		RYGB
		VGB	RYGB	BPD	RYGB	BPD	BPD
	P	P	P	P	P	P	P
Age	NS			0.005	0.049	0.0011	
Weight	NS			<0.001		0.003	
Waist	NS		0.025				
BMI	0.017	0.024	<0.001	0.001	0.033	0.033	
Fasting Glycemia	<0.001						
Fasting Insulinemia	NS			0.012		0.012	
HbA1c	NS			0.032			
HOMA-IR	0.026						
SBP	NS						
DBP	NS						
HDL Cholesterol	NS			<0.001		0.004	0.004
Cholesterol	NS				<0.001		
Triglycerides	NS				0.047		
LDL Cholesterol	NS						
Diabetes duration	<0.001		0.001	0.005	0.009	0.025	