

	Non-diabetic controls	1 <sup>st</sup> HbA <sub>1c</sub> quintile	2 <sup>nd</sup> HbA <sub>1c</sub> quintile	3 <sup>rd</sup> HbA <sub>1c</sub> quintile	4 <sup>th</sup> HbA <sub>1c</sub> quintile	5 <sup>th</sup> HbA <sub>1c</sub> quintile
Hyperinsulinemia/ IR	BMI 0.704 Insulin 0.793 HDL -0.487	BMI 0.452 Insulin dose 0.767 Triglycerides 0.507 HDL -0.621	Triglycerides 0.645 Insulin dose 0.724 HDL -0.714	BMI 0.499 Insulin dose 0.811 HDL -0.602	Insulin dose 0.810 HDL -0.577	BMI -0.677 Triglycerides -0.528 Insulin dose -0.663 HDL 0.573
Body size/ Time	Age 0.826 BMI 0.528 MBP 0.732	Age 0.819 BMI 0.579 Diabetes duration 0.788 MBP 0.644	Age 0.858 BMI 0.536 Diabetes duration 0.767 MBP 0.630	Age 0.835 BMI 0.567 Diabetes duration 0.785 MBP 0.592	Age 0.795 BMI 0.674 Diabetes duration 0.770 MBP 0.569	Age 0.861 BMI 0.464 Diabetes duration 0.681 MBP 0.676
Glucose metabolism	A1C 0.785 Triglycerides -0.650	A1C 0.858 Triglycerides -0.466	A1C 0.852 BMI 0.490	A1C 0.743 HDL 0.437 Triglycerides 0.498	A1C 0.791 Triglycerides 0.669	A1C 0.882