

Supplemental Table 6. Associations between NMR analytes and long-term T2D using Cox models.					
	Treatment arm	HR	95% CI lower limit	95% CI upper limit	<i>P</i> value
ApoA1	Lifestyle	0.994	0.989	0.998	0.005
	Metformin	0.999	0.995	1.003	0.576
	Placebo	0.996	0.992	1.000	0.052
	Pooled	0.996	0.994	0.999	0.002
ApoB	Lifestyle	1.004	1.000	1.009	0.057
	Metformin	1.003	0.998	1.007	0.204
	Placebo	1.001	0.997	1.005	0.619
	Pooled	1.003	1.000	1.005	0.029
H1P	Lifestyle	0.959	0.898	1.023	0.204
	Metformin	1.02	0.959	1.084	0.528
	Placebo	1.012	0.955	1.072	0.696
	Pooled	1.000	0.965	1.036	0.985
H2P	Lifestyle	1.03	0.995	1.066	0.095
	Metformin	1.007	0.976	1.04	0.649
	Placebo	0.999	0.969	1.03	0.964
	Pooled	1.011	0.993	1.03	0.243
H3P	Lifestyle	0.96	0.916	1.007	0.097
	Metformin	0.989	0.949	1.03	0.592
	Placebo	0.949	0.907	0.992	0.021
	Pooled	0.966	0.941	0.991	0.007
H4P	Lifestyle	0.893	0.807	0.988	0.029
	Metformin	0.984	0.897	1.08	0.737
	Placebo	0.976	0.898	1.062	0.576
	Pooled	0.95	0.901	1.002	0.059
H5P	Lifestyle	0.934	0.782	1.114	0.446
	Metformin	1.045	0.892	1.225	0.582
	Placebo	0.892	0.762	1.044	0.154
	Pooled	0.95	0.864	1.044	0.287
H6P	Lifestyle	0.726	0.599	0.881	0.001
	Metformin	0.887	0.749	1.05	0.164
	Placebo	1.000	0.863	1.158	0.995
	Pooled	0.878	0.798	0.967	0.008
H7P	Lifestyle	0.481	0.271	0.854	0.012
	Metformin	0.62	0.359	1.071	0.087
	Placebo	1.195	0.723	1.976	0.488
	Pooled	0.714	0.525	0.971	0.032
Large HDL	Lifestyle	0.836	0.746	0.936	0.002
	Metformin	0.955	0.864	1.056	0.372
	Placebo	0.962	0.873	1.059	0.429
	Pooled	0.92	0.867	0.976	0.006

Medium HDL	Lifestyle	0.947	0.906	0.989	0.014
	Metformin	0.988	0.952	1.026	0.533
	Placebo	0.954	0.916	0.992	0.019
	Pooled	0.962	0.94	0.985	0.001
Small HDL	Lifestyle	1.016	0.983	1.051	0.347
	Metformin	1.012	0.981	1.044	0.447
	Placebo	1.002	0.973	1.033	0.876
	Pooled	1.01	0.992	1.029	0.264
Total HDL	Lifestyle	0.982	0.973	0.991	1.1×10^{-4}
	Metformin	0.99	0.981	0.999	0.029
	Placebo	0.985	0.976	0.994	0.001
	Pooled	0.985	0.98	0.99	1.2×10^{-8}
HDL size	Lifestyle	0.444	0.303	0.65	3.0×10^{-5}
	Metformin	0.671	0.463	0.97	0.034
	Placebo	0.913	0.653	1.277	0.595
	Pooled	0.657	0.534	0.807	6.6×10^{-5}
Large LDL	Lifestyle	0.999	0.998	0.999	2.1×10^{-4}
	Metformin	0.999	0.999	1.000	0.017
	Placebo	0.999	0.998	1.000	0.001
	Pooled	0.999	0.999	0.999	2.7×10^{-8}
Medium LDL	Lifestyle	1.000	1.000	1.000	0.718
	Metformin	1.000	0.999	1.000	0.056
	Placebo	1.000	0.999	1.000	0.09
	Pooled	1.000	1.000	1.000	0.062
Small LDL	Lifestyle	1.000	1.000	1.000	0.004
	Metformin	1.000	1.000	1.001	2.8×10^{-4}
	Placebo	1.000	1.000	1.000	0.001
	Pooled	1.000	1.000	1.000	1.4×10^{-8}
Total LDL	Lifestyle	1.001	0.998	1.004	0.547
	Metformin	0.999	0.996	1.002	0.464
	Placebo	0.999	0.996	1.002	0.46
	Pooled	1.000	0.998	1.001	0.602
LDL size	Lifestyle	0.738	0.618	0.882	0.001
	Metformin	0.76	0.634	0.911	0.003
	Placebo	0.776	0.655	0.92	0.003
	Pooled	0.761	0.688	0.842	1.2×10^{-7}
TC	Lifestyle	1.001	0.998	1.003	0.594
	Metformin	1.000	0.998	1.003	0.786
	Placebo	1.000	0.997	1.002	0.846
	Pooled	1.000	0.999	1.002	0.812
TG	Lifestyle	1.001	1.000	1.002	0.021
	Metformin	1.002	1.001	1.003	0.001
	Placebo	1.001	1.000	1.002	0.002

	Pooled	1.001	1.001	1.002	4.2×10^{-7}
TRL-C	Lifestyle	1.001	0.998	1.003	0.638
	Metformin	1.001	0.998	1.004	0.474
	Placebo	1.000	0.997	1.002	0.829
	Pooled	1.000	0.999	1.002	0.557
Large TRL	Lifestyle	1.008	0.992	1.023	0.319
	Metformin	1.009	0.992	1.026	0.303
	Placebo	1.014	0.998	1.029	0.08
	Pooled	1.01	1.001	1.019	0.029
Medium TRL	Lifestyle	1.003	0.998	1.008	0.202
	Metformin	1.001	0.996	1.006	0.706
	Placebo	1.004	0.999	1.008	0.131
	Pooled	1.003	1.000	1.005	0.069
Small TRL	Lifestyle	0.998	0.995	1.001	0.131
	Metformin	0.997	0.994	0.999	0.014
	Placebo	0.998	0.996	1.001	0.187
	Pooled	0.998	0.996	0.999	0.003
TRL-TG	Lifestyle	1.001	1.000	1.002	0.046
	Metformin	1.000	0.999	1.001	0.474
	Placebo	1.001	1.000	1.002	0.046
	Pooled	1.001	1.000	1.001	0.01
Very large TRL	Lifestyle	1.067	0.995	1.145	0.068
	Metformin	0.997	0.927	1.072	0.93
	Placebo	1.041	0.954	1.136	0.369
	Pooled	1.022	0.979	1.067	0.313
Very small TRL	Lifestyle	1.004	1.002	1.006	3.8×10^{-4}
	Metformin	1.004	1.002	1.006	3.1×10^{-4}
	Placebo	1.001	1.000	1.003	0.14
	Pooled	1.003	1.002	1.004	7.2×10^{-7}
TRL size	Lifestyle	1.017	1.006	1.028	0.003
	Metformin	1.015	1.005	1.025	0.004
	Placebo	1.011	1.001	1.022	0.024
	Pooled	1.014	1.008	1.02	5.5×10^{-6}

All analyses are adjusted by age, sex and ethnicity.