

<b>Supplemental Table 5. Associations between NMR analytes and short-term T2D using Cox models.</b>					
	Treatment arm	HR	95% CI lower limit	95% CI upper limit	<i>P</i> value
ApoA1	Lifestyle	0.993	0.985	1.001	0.097
	Metformin	1.000	0.993	1.006	0.884
	Placebo	0.996	0.99	1.001	0.13
	Pooled	0.996	0.993	1.000	0.053
ApoB	Lifestyle	0.997	0.989	1.005	0.44
	Metformin	1.004	0.997	1.01	0.252
	Placebo	1.001	0.996	1.007	0.633
	Pooled	1.001	0.998	1.005	0.468
H1P	Lifestyle	0.922	0.815	1.044	0.2
	Metformin	0.996	0.905	1.095	0.927
	Placebo	0.992	0.915	1.076	0.851
	Pooled	0.978	0.926	1.034	0.441
H2P	Lifestyle	0.987	0.927	1.051	0.689
	Metformin	1.025	0.975	1.078	0.326
	Placebo	1.02	0.978	1.064	0.355
	Pooled	1.017	0.988	1.046	0.255
H3P	Lifestyle	0.986	0.906	1.073	0.747
	Metformin	0.999	0.937	1.065	0.982
	Placebo	0.958	0.9	1.02	0.18
	Pooled	0.977	0.939	1.016	0.242
H4P	Lifestyle	0.884	0.73	1.071	0.207
	Metformin	0.99	0.857	1.143	0.887
	Placebo	0.893	0.788	1.013	0.078
	Pooled	0.918	0.843	0.999	0.048
H5P	Lifestyle	0.87	0.612	1.235	0.434
	Metformin	0.922	0.71	1.198	0.543
	Placebo	0.848	0.671	1.072	0.169
	Pooled	0.865	0.739	1.012	0.07
H6P	Lifestyle	0.911	0.665	1.246	0.559
	Metformin	0.858	0.655	1.125	0.268
	Placebo	0.939	0.749	1.176	0.584
	Pooled	0.91	0.782	1.059	0.223
H7P	Lifestyle	0.879	0.336	2.297	0.792
	Metformin	0.549	0.231	1.301	0.173
	Placebo	0.948	0.465	1.933	0.884
	Pooled	0.762	0.476	1.22	0.258
Large HDL	Lifestyle	0.912	0.744	1.119	0.378
	Metformin	0.894	0.759	1.053	0.181
	Placebo	0.912	0.789	1.054	0.212
	Pooled	0.902	0.82	0.993	0.036
	Lifestyle	0.968	0.895	1.046	0.408

Medium HDL	Metformin	0.998	0.941	1.058	0.937
	Placebo	0.944	0.892	0.998	0.044
	Pooled	0.965	0.931	1.001	0.056
Small HDL	Lifestyle	0.967	0.909	1.029	0.293
	Metformin	1.023	0.974	1.074	0.363
	Placebo	1.017	0.976	1.06	0.42
Total HDL	Pooled	1.01	0.982	1.039	0.476
	Lifestyle	0.975	0.957	0.992	0.005
	Metformin	0.987	0.973	1.001	0.069
	Placebo	0.985	0.973	0.997	0.019
HDL size	Pooled	0.982	0.974	0.99	$1.7 \times 10^{-5}$
	Lifestyle	0.726	0.367	1.438	0.359
	Metformin	0.584	0.325	1.049	0.072
	Placebo	0.671	0.415	1.083	0.102
Large LDL	Pooled	0.639	0.461	0.885	0.007
	Lifestyle	0.998	0.997	0.999	0.005
	Metformin	0.999	0.998	1.000	0.044
	Placebo	0.998	0.997	0.999	$2.7 \times 10^{-4}$
Medium LDL	Pooled	0.998	0.998	0.999	$8.0 \times 10^{-7}$
	Lifestyle	1.000	0.999	1.000	0.356
	Metformin	1.000	0.999	1.000	0.232
	Placebo	1.000	0.999	1.000	0.053
Small LDL	Pooled	1.000	0.999	1.000	0.016
	Lifestyle	1.000	1.000	1.001	0.301
	Metformin	1.000	1.000	1.001	0.016
	Placebo	1.000	1.000	1.001	0.001
Total LDL	Pooled	1.000	1.000	1.001	$3.2 \times 10^{-5}$
	Lifestyle	0.994	0.988	0.999	0.031
	Metformin	0.998	0.993	1.002	0.316
	Placebo	1.000	0.996	1.004	0.905
LDL size	Pooled	0.998	0.995	1.000	0.088
	Lifestyle	0.657	0.473	0.912	0.012
	Metformin	0.731	0.553	0.967	0.028
	Placebo	0.696	0.551	0.88	0.002
TC	Pooled	0.7	0.599	0.818	$7.8 \times 10^{-6}$
	Lifestyle	0.996	0.991	1.001	0.126
	Metformin	1.001	0.997	1.005	0.596
	Placebo	1.001	0.997	1.004	0.725
TG	Pooled	1.000	0.997	1.002	0.711
	Lifestyle	1.002	1.000	1.003	0.018
	Metformin	1.003	1.001	1.004	$3.6 \times 10^{-5}$
	Placebo	1.001	1.000	1.002	0.021
Pooled	1.002	1.001	1.002	$9.4 \times 10^{-7}$	

TRL-C	Lifestyle	0.996	0.991	1.002	0.173
	Metformin	1.002	0.998	1.006	0.315
	Placebo	1.000	0.996	1.003	0.801
	Pooled	1.000	0.997	1.002	0.854
Large TRL	Lifestyle	1.008	0.979	1.037	0.6
	Metformin	1.026	1.001	1.051	0.038
	Placebo	1.021	1.000	1.042	0.047
	Pooled	1.018	1.004	1.032	0.009
Medium TRL	Lifestyle	1.002	0.994	1.011	0.569
	Metformin	1.006	0.998	1.013	0.138
	Placebo	1.006	1.000	1.012	0.056
	Pooled	1.005	1.001	1.009	0.026
Small TRL	Lifestyle	0.996	0.99	1.001	0.097
	Metformin	0.996	0.992	1.000	0.051
	Placebo	0.998	0.994	1.001	0.176
	Pooled	0.997	0.994	0.999	0.008
TRL-TG	Lifestyle	1.001	0.999	1.003	0.224
	Metformin	1.001	1.000	1.003	0.106
	Placebo	1.001	1.000	1.003	0.053
	Pooled	1.001	1.000	1.002	0.009
Very large TRL	Lifestyle	1.103	0.995	1.222	0.061
	Metformin	1.015	0.903	1.14	0.806
	Placebo	1.003	0.875	1.15	0.962
	Pooled	1.028	0.962	1.099	0.41
Very small TRL	Lifestyle	1.005	1.001	1.009	0.012
	Metformin	1.006	1.003	1.009	$3.0 \times 10^{-5}$
	Placebo	1.002	0.999	1.005	0.119
	Pooled	1.004	1.002	1.006	$2.5 \times 10^{-6}$
TRL size	Lifestyle	1.03	1.011	1.049	0.002
	Metformin	1.022	1.007	1.038	0.004
	Placebo	1.017	1.003	1.031	0.016
	Pooled	1.021	1.012	1.03	$3.5 \times 10^{-6}$

All analyses are adjusted by age, sex and ethnicity.