

**Supplement Table 1**  
**P Values For Tests Of Interactions Between Treatment Effects And Age,**  
**Sex, Race And Metformin**

<b>Variable</b>	<b>Age</b>	<b>Sex</b>	<b>Race</b>	<b>Metformin</b>
HbA1c (%)	0.16	0.002	0.65	0.95
Glucose (mg/dl)	0.29	0.05	0.59	0.08
Cystatin C (mg/L)	0.21	0.93	0.49	0.86
eGFR (ml/min/1.73m <sup>2</sup> )	0.36	0.69	0.17	0.75
ACR (µg/mg)	0.01	0.07	<0.001	0.40
FGF 23 (mg/ml)	0.73	0.66	0.28	0.09
Serum CML (U/ml)	0.78	0.47	0.90	0.42
Serum MG (nmol/ml)	0.28	0.76	0.94	0.59
iCML (U/mg protein)	0.21	0.59	0.98	0.91
iMG (nmol/mg protein)	0.02	0.51	0.66	0.29
AGER1 (mRNA <sup>%</sup> )	0.57	0.66	0.85	0.70
ERα (mRNA <sup>%</sup> )	0.84	0.27	0.34	0.05
Nrf2 (mRNA <sup>%</sup> )	0.40	0.80	0.43	0.27
Sirt1 (mRNA <sup>%</sup> )	0.33	0.43	0.49	0.90
Leptin (ng/dl)	0.84	0.20	0.48	0.58
RAGE (mRNA <sup>%</sup> )	0.41	0.67	0.99	0.11
TNFR1 (mRNA <sup>%</sup> )	0.35	0.67	0.70	0.69
Adiponectin (mg/ml)	0.62	0.59	0.09	0.74
8-isoprostanes (pg/ml)	0.10	0.41	0.01	0.33
VCAM-1 (ng/ml)	0.96	0.87	0.28	0.17

Abbreviations: ACR, albumin/creatinine ratio; FGF23, fibroblast growth factor 23; Nrf2, nuclear factor (erythroid-derived 2)-like 2; Sirt-1, NAD dependent deacetylase sirtuin-1; AGER1, AGE Receptor1; ERα, estrogen receptor α; CML, carboxymethyllysine; MG, methylglyoxal; RAGE, receptor for advanced glycation endproducts; TNFR1, tumor necrosis factor 1; VCAM-1, vascular adhesion factor 1

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