

**Supplementary Table 1:** Blood pressure (BP) and arterial compliance between resveratrol and placebo groups at baseline and after 12 months of supplementation. Data are presented as mean  $\pm$  SEM.

Systemic vascular function	Month 0		Month 12		$\Delta$ Month 12 – Month 0		P-value
	Placebo (n = 66)	Resveratrol (n = 61)	Placebo (n = 66)	Resveratrol (n = 61)	Placebo (n = 66)	Resveratrol (n = 61)	
Systolic BP (mmHg)	125 $\pm$ 2	124 $\pm$ 2	123 $\pm$ 2	124 $\pm$ 2	-2.2 $\pm$ 1.5	-0.24 $\pm$ 1.4	0.329
Diastolic BP (mmHg)	69 $\pm$ 1	68 $\pm$ 1	68 $\pm$ 1	69 $\pm$ 1	0.02 $\pm$ 0.73	1.27 $\pm$ 0.64	0.219
Large artery compliance (ml/mmHg $\times$ 10)	12.1 $\pm$ 0.38	13.1 $\pm$ 0.67	12.6 $\pm$ 0.76	11.7 $\pm$ 0.46	0.43 $\pm$ 0.71	-1.4 $\pm$ 0.63	0.053
Small artery compliance (ml/mmHg $\times$ 100)	3.7 $\pm$ 0.29	3.5 $\pm$ 0.18	3.6 $\pm$ 0.27	3.4 $\pm$ 0.20	-0.10 $\pm$ 0.18	-0.03 $\pm$ 0.19	0.799