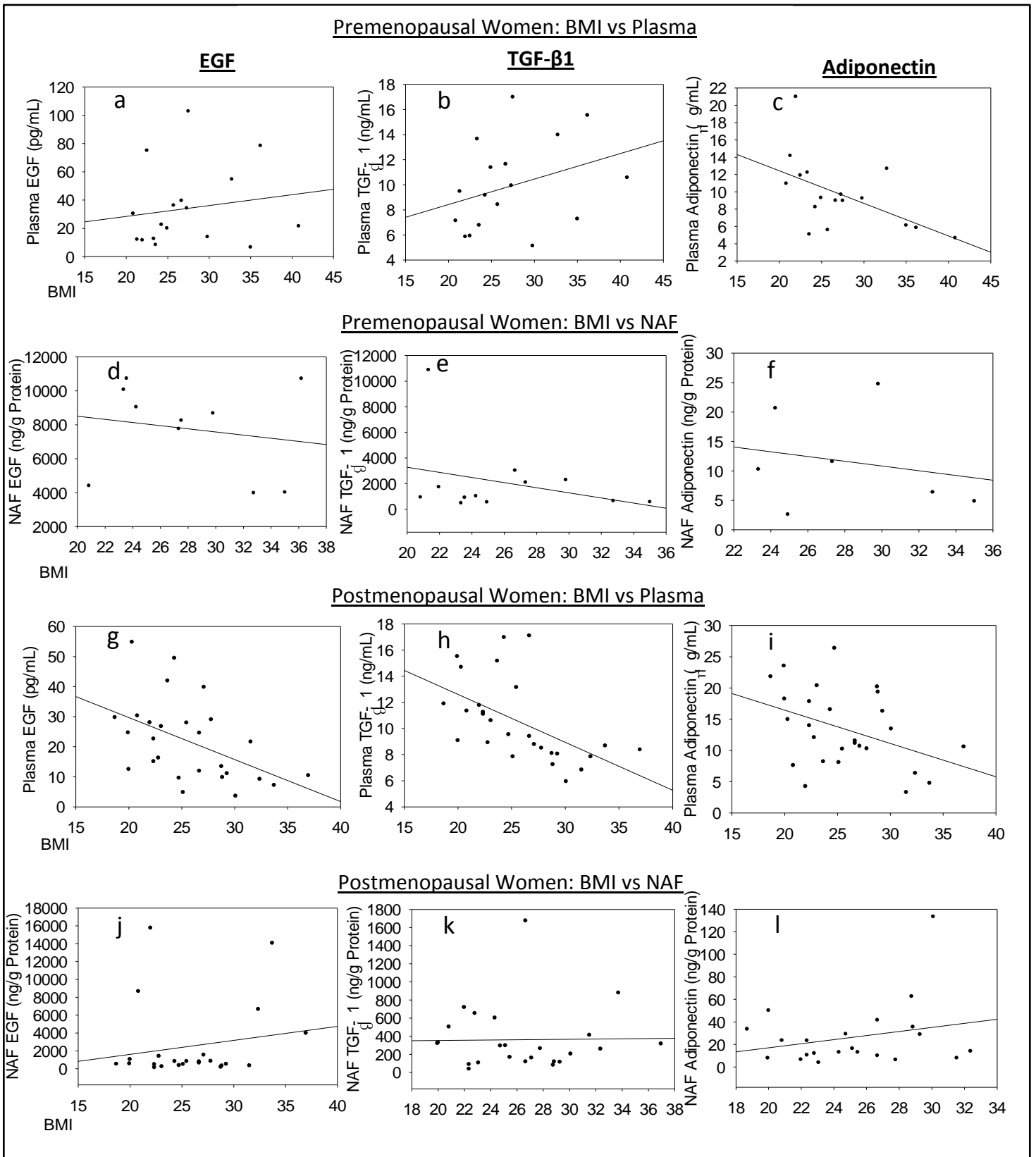Supplementary Figure 1: Scatter plots illustrating null associations between plasma and NAF levels in premenopausal and postmonausal women of Epidermal Growth Factor (EGF; a and b), Transforming Growth Factor Beta 1 (TGF-β1; c and d) and Adiponectin (e and f). The appearance of an association between NAF and Plasma levels of TGF-β1 in postmenopausal women (d) seems to be driven by one woman with very high levels in both NAF and plasma.

Supplementary Figure 2: Scatter plots illustrating associations between BMI and plasma levels of Epidermal Growth Factor (EGF; a), Transforming Growth Factor Beta 1 (TGF-β1: b) and Adiponectin (c) in premenopausal women; between BMI and NAF levels of EGF (d) TGF- β1 (e) and Adiponectin (f) in premenopausal women; between BMI and plasma levels of EGF (g) TGF- β1 (h) and Adiponectin (i) in postmenopausal women; and between BMI and NAF levels of EGF (j) TGF- β1 (k) and Adiponectin (l) in postmenopausal women.

Supplementary Table 1: NAF and plasma biomarker levels

NAF Biomarker Levels	EGF (ng/g PT[a])	TGF-β1 (ng/g PT)	Adiponectin (μg/g PT)
Premenopausal women	7,759 ± 2,854 [b] (n=9)	2,079 ± 3,027 (n=11)	11.6 ± 9.1 (n=6)
Postmenopausal women	2,532 ± 4,354 (n=24)	361 ± 357 (n=24)	26.3 ± 28.5 (n=22)
Pre vs postmenopausal women (*P*-value)	0.004[c] (0.02[d]) (0.01[e])	0.01 (0.02) (0.03)	0.15
Plasma Biomarker Levels	**EGF (pg/mL)**	**TGF-β (ng/mL)**	**Adiponectin (μg/mL)**
Premenopausal women (n=16)	34.1 ± 29.0[c]	9.92 ± 3.77	9.67 ± 4.19
Postmenopausal women (n=27)	21.6 ± 13.5	10.49 ± 3.13	13.37 ± 6.14
Pre vs postmenopausal women (*P*-value)	0.06[c] (0.10[d]) (0.10[e])	0.69 (0.68) (0.69)	0.07

[a]PT: protein
[b]mean ± SD
[c]*P*-values derived from linear regression models with controlling for BMI
[d]*P*-values derived from linear regression models with controlling for Adiponectin
[e]*P*-values derived from linear regression models with controlling for BMI and Adiponectin