

Supplementary table 1. Allometric scaling of FMD ANCOVA model.

Parameter	B	Std. Error	95% Wald Confidence Interval		Hypothesis Test		
			Lower	Upper	Wald Chi- Square	df	Sig.
(Intercept)	-10.916	1.6049	-14.062	-7.771	46.267	1	0.000
Active women	0.479	0.1932	0.100	0.858	6.140	1	0.013
Inactive women	0 ^a						
Log baseline diameter	-0.544	0.7021	-1.920	0.833	0.599	1	0.439
Gestational age	-0.013	0.0359	-0.084	0.057	0.139	1	0.709
Age	0.102	0.0372	0.029	0.175	7.549	1	0.006
(Scale)	.621 ^b	0.0967	0.457	0.843			

a. Set to zero because the parameter is redundant; b. Maximum likelihood estimate.

We used SPSS to generate a log-linked generalized linear model where: the absolute change in FMD was the outcome, and the natural log of the baseline diameter was a covariate. We also include in the model our other covariates (age and gestational age).