

Table 2. The relationship between Log₂ LAP and Log₂ VAI and EMS.

	Model 1 OR (95% CI) P value	Model 2 OR (95% CI) P value	Model 3 OR (95% CI) P value
Log₂ LAP	1.327 (1.149–1.532) 0.0003	1.314 (1.144–1.508) 0.0003	1.256 (1.102–1.431) 0.0014
Log₂ LAP quartiles			
Q1 -2.00 to 4.44	Ref	Ref	Ref
Q2 4.44 to 5.35	1.412 (0.767–2.599) 0.2720	1.437 (0.787–2.626) 0.2440	1.397 (0.758–2.576) 0.2904
Q3 5.35 to 6.29	1.512 (0.836–2.732) 0.1766	1.519 (0.836–2.761) 0.1762	1.499 (0.854–2.630) 0.1660
Q4 6.29 to 9.52	2.374 (1.466–3.845) 0.0009	2.320 (1.451–3.709) 0.0010	1.983 (1.299–3.028) 0.0029
P for trend	0.0007	0.0006	0.0022
Log₂ VAI	1.403 (1.207–1.631) <0.0001	1.385 (1.194–1.607) 0.0001	1.287 (1.105–1.498) 0.0022
Log₂ VAI quartiles			
Q1 -2.10 to -0.04	Ref	Ref	Ref
Q2 -0.04 to 0.70	1.255 (0.744–2.118) 0.3988	1.226 (0.721–2.083) 0.4552	1.188 (0.692–2.039) 0.5352
Q3 0.70 to 1.42	1.616 (0.961–2.717) 0.0754	1.608 (0.959–2.694) 0.0778	1.398 (0.832–2.348) 0.2132
Q4 1.42 to 5.70	2.064 (1.221–3.490) 0.0090	2.001 (1.186–3.374) 0.0123	1.690 (1.019–2.803) 0.0486
P for trend	0.0040	0.0044	0.0307

Model 1: Unadjusted

Model 2: Adjusted for age, race/ethnicity, marital status and PIR

Model 3: Adjusted for age, race/ethnicity, marital status, PIR, hypertension, diabetes, smoking status, alcohol consumption, age at menarche, uterine fibroids and history of oral contraceptive use.

CI: confidence interval; EMS: endometriosis; OR: odds ratio; LAP: lipid accumulation product; OR: odds ratio; VAI: visceral adiposity index