

Table 2: Association of ovarian stiffness with ART outcomes

Total Oocytes Retrieved			
Characteristic	Estimate	95% CI	p-value
Mean Stiffness	-0.72	-1.5 to -0.03	0.04*
Age (Young/Old)	3.29	-5.6 to 11.9	0.42
AMH	4.99	2.9 to 7.0	<0.0001*
BMI	-0.79	-2.1 to 0.5	0.23
Mature Oocytes Retrieved			
Characteristic	Estimate	95% CI	p-value
Mean Stiffness	-0.61	-1.2 to -0.04	0.04*
Age (Young/Old)	3.60	-3.3 to 10.5	0.29
AMH	3.96	2.3 to 5.6	<0.0001
BMI	-0.69	-1.8 to 0.4	0.19
Follicular Output Rate (FORT) ¹			
Characteristic	Estimate	95% CI	p-value
Mean Stiffness	-2.84	-5.6 to -0.1	0.046*
Age (Young/Old)	34.25	0.001 to 68.5	0.050
AMH	2.77	-5.5 to 11.0	0.50
BMI	-1.10	-6.4 to 4.2	0.67
Follicle-to-Oocyte Index (FOI) ²			
Characteristic	Estimate	95% CI	p-value
Mean Stiffness	-5.47	-10.2 to -0.7	0.03*
Age (Young/Old)	55.68	-2.9 to 114.2	0.06
AMH	12.61	-1.4 to 26.7	0.08
BMI	-2.57	-11.6 to 6.4	0.56

¹ Follicular output rate (FORT) - ratio of follicles measuring ≥ 16mm on day of trigger to the total AFC at start of stimulation.

² Follicle-to-oocyte index (FOI) - ratio of total oocytes retrieved to the total AFC at start of stimulation.