

Supplemental Table 1.

	Interferon- $\gamma$								Interleukin-4							
	Menstrual		Follicular		Ovulatory		Luteal		Menstrual		Follicular		Ovulatory		Luteal	
	Mean <sup>a</sup>	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
Sexually Active	10.76	13.39	13.77	17.59	19.30	27.42	12.30	13.75	7.28	21.45	5.44	14.20	6.53	10.82	7.82	14.37
Sexually Abstinent	10.12	11.43	35.67	98.02	9.87	11.06	13.52	21.17	4.54	11.45	14.37	44.50	8.13	17.33	3.94	7.17

<sup>a</sup> All cytokine values expressed in pg/mL

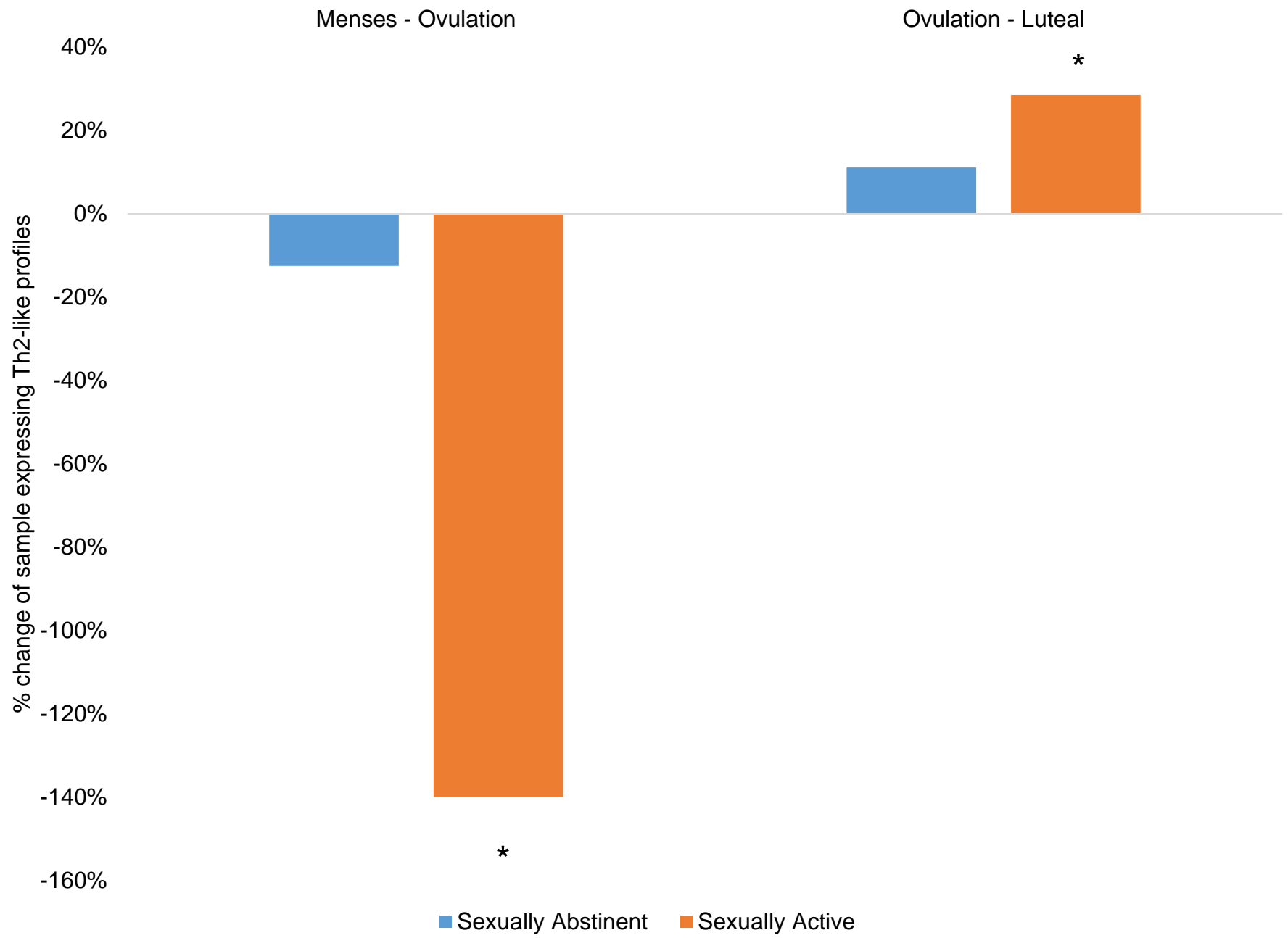
Supplemental Table 2.

Repeated measures moderated mediation (corresponding to Supplemental Figure 2a)

	<u>Effect estimate</u>	<u>Standard error</u>
Direct effect of X on Y	-0.13	0.19
Effect of X on M	0.10	5.93
Effect of W on M	-20.28	24.51
Effect of XW on M	19.05	9.33
Effect of M on Y	0.01	0.00
Conditional effect of X on Y through M at level 1 of moderator (Sexually active)	0.17	0.16
Conditional effect of X on Y through M at level 2 of moderator (Sexually abstinent)	0.00	0.06
Index of moderated mediation	0.17	0.17

Luteal-phase only mediation model (corresponding to Supplemental Figure 2b)

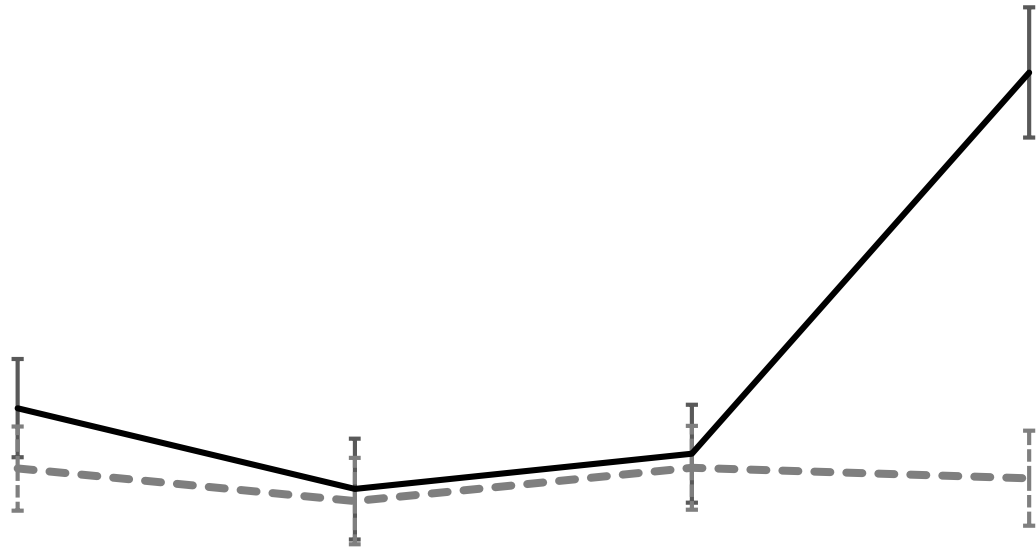
	<u>Effect estimate</u>	<u>Standard error</u>
Direct effect of X on Y	-0.06	1.90
Effect of X on M	115.78	38.00
Effect of M on Y	0.01	0.01
Indirect effect of X on Y through M	1.66	11.67



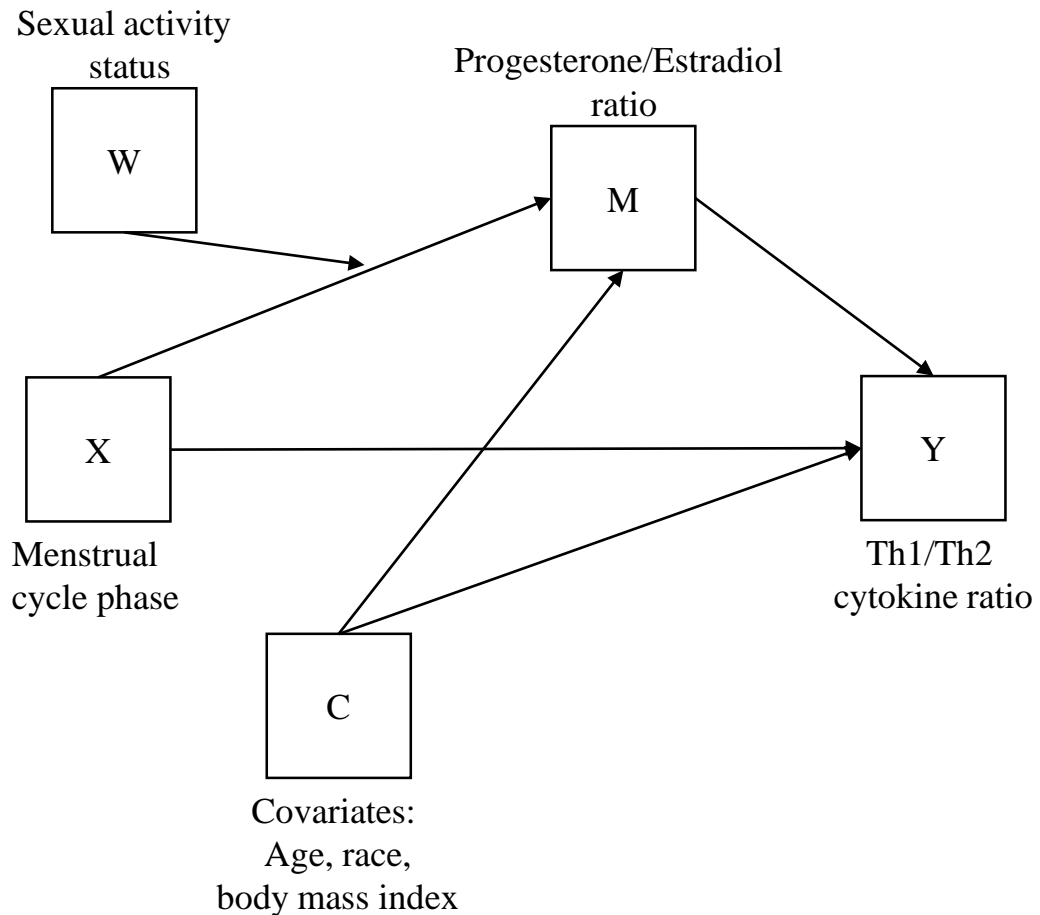


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Supplemental Figure 2a. Repeated measures moderated mediation model



Supplemental Figure 2b. Mediation model (luteal phase only)

