Supplementary Table SI Demographic and cycle characteristics by marijuana smoking categories among 200 women (368 cycles) who were among participating couples in the EARTH study.

Baseline characteristics	All Women	Never	Past	At enrollment	P Value[1]
Participants, n (%)	200	115 (58)	81 (41)	4 (2)	
Cycles, n (%)	368	209 (57)	150 (41)	9 (2)	
Age, years	34.9 (3.8)	35.0 (3.8)	34.7 (3.8)	37.0 (1.6)	0.32
Caucasian, n (%)	172 (86)	94 (82)	74 (91)	4 (100)	0.16
Body mass index, kg/m^2	24.0 (4.5)	24.1 (4.8)	23.8 (4.0)	24.6 (5.0)	0.97
Tobacco Smoking, n (%)					<0.0001
Never	145 (73)	100 (87)	42 (52)	3 (75)	
Former	51 (26)	13 (11)	38 (47)	0	
At enrollment	4 (2)	2 (2)	1 (1)	1 (25)	
College degree or higher, n (%)	188 (94)	108 (94)	77 (95)	3 (75)	0.32
Cocaine use, n (%)	25 (13)	1 (1)	24 (30)	0	<0.0001
Coffee intake ≥5 cup/week, n (%)	99 (50)	49 (43)	49 (60)	1 (25)	0.02
Alcohol intake ≥1 day/week, n (%)	110 (55)	53 (46)	54 (67)	3 (75)	0.007
Moderate to vigorous physical activity, hours/week[2]	3.9 (4.0)	3.8 (3.7)	4.1 (4.4)	2.2 (2.2)	0.67
History of Sexually transmitted diseases, n (%)[3]	61 (31)	31 (27)	28 (35)	2 (50)	0.30
Infertility diagnosis/couple, n (%)					
Male factor	65 (33)	37 (32)	28 (35)	0	0.61
Female factor	59 (30)	36 (31)	21 (26)	2 (50)	
Unexplained	76 (38)	42 (37)	32 (40)	2 (50)	
Stimulation protocol, n (%)					0.45
Luteal phase agonist[4]	145 (73)	82 (71)	62 (77)	1 (25)	
Flare[5]	20 (10)	12 (10)	7 (9)	1 (25)	
Antagonist	21 (11)	12 (10)	8 (10)	1 (25)	
Egg donor or cryo-thaw cycle	14 (7)	9 (8)	4 (5)	1 (25)	
Day 3 FSH concentrations, mIU/l	7.2 (2.5)	7.1 (2.1)	7.3 (1.6)	7.3 (1.6)	0.70
Average marijuana joints smoked/week[6]		0	0.9 (1.1)	0.7 (0.3)	0.65
Duration of marijuana-smoking, years[6]		0	10.5 (5.6)	15.9 (.)[7]	0.30
Marijuana joint-year[6]		0	1.3 (1.5)	1.1 (.)[7]	0.55
Age of marijuana-smoking start, years[6]		NA	17.8 (3.7)	23.3 (7.3)	0.02
Partner's age, years	36.5 (5.0)	36.8 (5.5)	36.2 (4.3)	36.9 (2.5)	0.92
Partner's marijuana smoking at enrollment, n (%)	23 (12)	12 (10)	9 (11)	2 (50)	0.0001

Abbreviations: EARTH, the Environment and Reproductive Health Study; ART, assisted reproductive technology; BMI, body mass index; FSH, follicle stimulating hormone; STDs, sexually transmitted diseases; mins, minutes.

N (%) is presented for categorical/binary variables and mean (standard deviation) is presented for continuous variables.

[1] From Chi-square (or Fisher's exact test when appropriate) for discrete variables and Kruskal-Wallis for continuous variables.

[2] Includes weight and aerobic exercise and sports.

[3] Syphilis, gonorrhea, mycoplasma/ureaplasma, chlamydia, trichomonas, herpes, human papilloma virus, lymphogranuloma, group-B strep or other STDs

[4] Luteal-phase GnRH-agonist protocol.

[5] Follicular-phase GnRH-agonist/flare protocol.

[6] The numbers presented for the entire cohort are restricted to ever marijuana smokers and who had this information not missing.

[7] Only one woman was in this category with non-missing information, therefore SD could not be estimated.