eFigure 1. Conditional probability of conception per menstrual cycle of attempt time stratified by male participation

eTable 1. Female and male sugar-sweetened beverage consumption and fecundability, stratified by attempt time at study entry.

Beverage (servings/week)	<3 cycles of attempt at study entry			3-6 cycles of attempt at study entry		
	No. of pregnancies	No. of cycles	Adjusted* FR (95% CI)	No. of pregnancies	No. of cycles	Adjusted* FR (95% CI)
Females:						
Sugar-sweetened beverages						
0	794	4633	1.00 (Ref)	289	2342	1.00 (Ref)
1	243	1521	0.99 (0.87, 1.13)	80	599	1.15 (0.89, 1.48)
2-6	398	2685	0.96 (0.85, 1.08)	194	1452	1.18 (0.97, 1.43)
≥7	147	1319	0.76 (0.64, 0.91)	72	717	0.97 (0.74, 1.27)
Sugar-sweetened sodas						
0	1179	6888	1.00 (Ref)	425	3253	1.00 (Ref)
1	174	1318	0.82 (0.70, 0.96)	83	663	1.06 (0.86, 1.30)
2-6	179	1443	0.81 (0.69, 0.95)	99	898	1.02 (0.82, 1.26)
≥7	50	509	0.68 (0.51, 0.92)	28	296	0.91 (0.63, 1.32)
Males:						
Sugar-sweetened beverages						
0	169	840	1.00 (Ref)	57	403	1.00 (Ref)
1	65	364	0.96 (0.74, 1.24)	25	152	1.05 (0.67, 1.67)
2-6	167	1051	0.85 (0.70, 1.04)	55	412	0.94 (0.65, 1.34)
≥7	99	726	0.80 (0.63, 1.02)	35	349	0.80 (0.53, 1.20)
Sugar-sweetened sodas						
0	285	1490	1.00 (Ref)	90	625	1.00 (Ref)
1	86	465	0.96 (0.77, 1.21)	29	187	1.06 (0.74, 1.51)
2-6	89	651	0.78 (0.62, 0.97)	36	337	0.87 (0.61, 1.26)
≥7	40	375	0.65 (0.47, 0.90)	17	167	0.86 (0.53, 1.41)

* Female models adjusted for female age, race/ethnicity, education, household income, smoking history, BMI, physical activity, caffeine intake, alcohol intake, sleep duration, PSS-10 score, intercourse frequency, and doing something to improve chances of conception. Female soda models additionally adjusted for diet soda intake. Male models adjusted for male age, race/ethnicity, BMI, education, smoking, female age, female BMI, and household income. Male soda models additionally adjusted for diet soda intake.
BMI=body mass index
PSS=Perceived Stress Score

eTable 2. Female and male sugar-sweetened beverage consumption and fecundability, stratified by BMI*.

Beverage (servings/week)	BMI <25 kg/m^2			BMI ≥25 kg/m^2		
	No. of pregnancies	No. of cycles	Adjusted† FR (95% CI)	No. of pregnancies	No. of cycles	Adjusted† FR (95% CI)
Females:						
Sugar-sweetened beverages						
0	639	3768	1.00 (Ref)	444	3207	1.00 (Ref)
1	181	1018	1.06 (0.91, 1.24)	142	1102	0.98 (0.82, 1.17)
2-6	314	1980	0.99 (0.88, 1.13)	278	2157	1.05 (0.90, 1.21)
≥7	101	843	0.84 (0.68, 1.03)	118	1193	0.79 (0.62, 1.00)
Sugar-sweetened sodas						
0	955	5512	1.00 (Ref)	649	4629	1.00 (Ref)
1	138	1051	0.80 (0.68, 0.95)	119	930	1.00 (0.83, 1.21)
2-6	119	803	0.94 (0.78, 1.13)	159	1538	0.83 (0.70, 0.99)
≥7	23	243	0.69 (0.46, 1.03)	55	562	0.77 (0.54, 1.08)
Males:						
Sugar-sweetened beverages						
0	77	482	1.00 (Ref)	149	761	1.00 (Ref)
1	38	220	1.26 (0.86, 1.84)	52	296	0.89 (0.67, 1.18)
2-6	82	473	1.05 (0.78, 1.41)	140	990	0.78 (0.63, 0.96)
≥7	46	304	1.08 (0.75, 1.54)	88	771	0.68 (0.52, 0.87)
Sugar-sweetened sodas						
0	146	836	1.00 (Ref)	229	1279	1.00 (Ref)
1	42	275	1.00 (0.73, 1.37)	73	377	1.05 (0.82, 1.34)
2-6	42	276	0.89 (0.64, 1.23)	83	712	0.73 (0.57, 0.93)
≥7	13	92	0.89 (0.50, 1.58)	44	450	0.62 (0.45, 0.86)

* Female models are stratified by female BMI. Male models are stratified by male BMI.
† Female models adjusted for female age, race/ethnicity, education, household income, smoking history, BMI, physical activity, caffeine intake, alcohol intake, sleep duration, PSS-10 score, intercourse frequency, and doing something to improve chances of conception. Female soda models additionally adjusted for diet soda intake. Male models adjusted for male age, race/ethnicity, BMI, education, smoking, female age, female BMI, and household income. Male soda models additionally adjusted for diet soda intake.
BMI=body mass index
PSS=Perceived Stress Score