

Supplemental Table 1. Demographic and lifestyle differences by BMI class (n=128)¹

Significant p-values bolded	Normal, % (N)	Overweight, % (N)	Obese, % (N)	p-Value
	17.2 (22)	34.4 (44)	45.3 (58)	-
Ethnicity				0.57 ²
Non-Hispanic	95.5 (21)	85.7 (36)	89.6 (43)	
Hispanic	4.6 (1)	14.3 (6)	10.4 (5)	
Race				0.0005²
White	82.8 (18)	63.4 (26)	40.4 (21)	
Black	9.1 (2)	14.3 (6)	48.1 (25)	
Other	9.1 (2)	22.0 (9)	11.5 (6)	
Age				0.02³
Mean ± s.d.	37.6 ± 5.4	38.1 ± 6.1	42.1 ± 8.0	0.02⁴
Median (IQR)	35.9 (6.4)	38.2 (8.4)	42.6 (13.9)	
<40	72.7 (16)	61.4 (27)	41.4 (24)	
≥40	27.3 (6)	38.6 (17)	58.6 (34)	
Abstinence Time				0.85 ³
Mean ± s.d.	3.8 ± 1.2	4.6 ± 5.6	6.0 ± 12.1	
Median (IQR)	4.0 (1.0)	4.0 (1.5)	4 (2.0)	
Clinic				<0.0001²
IVF	95.5 (21)	88.6 (39)	19.0 (11)	
Endocrine/Internal Medicine	4.6 (1)	11.4 (5)	81.0 (47)	
Smoking				0.06 ²
Never	68.2 (15)	72.7 (32)	50.9 (29)	
Former	31.8 (7)	15.9 (7)	35.1 (20)	
Current	0.0 (0)	11.4 (5)	14.0 (8)	
Amount of Alcohol Consumed a week				0.02²
None	9.5 (2)	15.9 (7)	39.3 (22)	
1 to 2 times/week	47.6 (10)	54.5 (24)	39.3 (22)	
3 or more times/week	42.9 (9)	29.6 (13)	21.4 (12)	
Diabetes Diagnosis				0.18 ²
No	95.5 (21)	90.7 (39)	80.7 (46)	

Yes	4.6 (1)	9.3 (4)	19.3 (11)	
College Degree				<0.0001²
Yes	86.4 (19)	91.1 (40)	55.2 (32)	
No	13.6 (3)	9.1 (4)	44.8 (26)	
Bicycling Habits				0.19²
Never	64.6 (14)	52.4 (22)	58.9 (33)	
Occasional	27.3 (6)	21.4 (9)	32.1 (18)	
Moderate to Frequent	9.1 (2)	26.2 (11)	8.9 (5)	
Underwear Type				0.87⁴
Boxers	33.3 (7)	27.3 (12)	30.9 (17)	
Briefs or Boxer Briefs	66.7 (14)	72.7 (32)	69.1 (38)	

BMI, Body Mass Index; IVF, In Vitro Fertilization. P-values from Chi-square or Fisher's exact test as appropriate.

¹ BMI categorized according to Centers for Disease Control and Prevention guidelines for normal weight (18.5 - 24.9 kg/m²), overweight (25 - 29.9 kg/m²), and obese (≥ 30 kg/m²). N=4 missing values for BMI.

² P-values generated using a Fisher's exact test to account for cells with 5 participants or fewer

³ P-values for differences in means generated using a Kruskal-Wallis test

⁴ P-values generated using a Chi-square test