

**Table S1** Change in the total volume of outlined uterine fibroids, stratified by subject characteristics

Subject characteristic [N]	Change in TV (cm <sup>3</sup> ) (IQR)	P value*
Age, years		
≤38 [9]	7.30 (1.13, 23.04)	0.83
>38 [10]	5.68 (-2.54, 24.61)	
Race		
African American [16]	4.39 (-0.07, 19.18)	0.55
Other [3]	6.96 (4.26, 23.34)	
Income		
<\$64,000 [10]	16.11 (5.24, 39.62)	0.09
≥\$64,000 [9]	1.52 (-2.79, 6.94)	
BMI, kg/m <sup>2</sup>		
<30 [11]	5.68 (0.43, 29.21)	0.66
≥30 [8]	8.03 (-7.10, 18.03)	
Insurance		
Private [14]	2.97 (-0.06, 13.43)	0.39
No/medicare/medicaid [4]	19.18 (9.55, 36.93)	
Past Hormonal Contraception use		
Yes [12]	1.55 (-0.01, 16.88)	0.61
No [7]	6.96 (4.39, 34.60)	
Current hormonal contraception use		
Yes [6]	13.04 (4.39, 34.60)	0.28
No [13]	1.55 (-0.24, 16.88)	
Family history of fibroids		
Yes [11]	13.81 (1.13, 28.06)	0.35
No [8]	2.97 (-0.16, 13.87)	
Hypertension		
Yes [5]	19.18 (-3.38, 36.93)	0.74
No [14]	4.39 (0.06, 14.58)	
Vitamin D deficiency		
Yes [11]	1.52 (-0.32, 15.48)	0.23
No [8]	13.81 (8.48, 29.60)	
Red meat intake		
Yes [4]	0.54 (-6.79, 5.91)	0.15
No [15]	10.00 (1.18, 35.88)	
Soymilk intake		
Yes [4]	29.18 (9.61, 48.74)	0.87
No [15]	5.68 (0.42, 18.03)	
Alcohol intake		
Never or monthly [9]	5.68 (1.09, 18.43)	0.92
>2-4 times per month [10]	8.07 (-2.44, 24.32)	

\*, Wilcoxon rank sum test was used. TV, total volume; IQR, interquartile range; BMI, body mass index.