

**Supplementary Table 4. Comparison of Expiratory Measurements between SARP (FRC) and SPIROMICS (RV)**

Variables	SARP (n = 27)	SPIROMICS (n = 43)	P
Sex, n (female, %)	18 (66.7)	23 (53.5)	0.282
Age (y)	32.5 (12.7)	61.8 (9.9)	*
Height, cm	169.5 (8.6)	169.0 (8.6)	0.795
Weight, kg	73.8 (19.3)	78.8 (14.6)	0.114
$V_{\text{air Exp}}$ L	1.7 (0.5)	2.0 (0.5)	0.082

Values are presented as means (standard deviation, or percentage). \* $p < 0.05$ . FRC = functional residual capacity, PFT = pulmonary function test, RV = residual volume