

Malagasy n= 2491	Parameter	Men (n = 1428)		Women (n = 1063)	
		Mean (Min-Max)	SEM	Mean (Min-Max)	SEM
	FVC (L)	3.69 (1.75-6.92)	0.016	2.84 (1.14-4.52)	0.015
	FEV1 (L)	3.17 (1.3-5.56)	0.014	2.46 (0.87-3.71)	0.013
	FEV1/FVC	0.86 (0.57-0.99)	0.002	0.87 (0.42-0.99)	0.002
	PEF (Ls <sup>-1</sup> )	8.43 (3.62-14.52)	0.038	6.25 (2.22-10.14)	0.034
	FEF <sub>25</sub> (Ls <sup>-1</sup> )	7.38 (2.51-13.68)	0.039	5.68 (1.92-9.8)	0.034
	FEF <sub>50</sub> (Ls <sup>-1</sup> )	4.33 (0.97-8.67)	0.029	3.51 (0.72-8.22)	0.029
	FEF <sub>75</sub> (Ls <sup>-1</sup> )	1.75 (0.31-4.54)	0.016	1.36 (0.22-4.11)	0.015
	FEF <sub>25-75</sub> (Ls <sup>-1</sup> )	3.71 (0.79-7.61)	0.025	2.99 (0.46-6.46)	0.025

**TABLE S1.** Malagasy subject spirometry observed values. Data are presented as mean (Min-Max), SEM= standard error of the mean