

S3 Table. The longitudinal validity of the GLI reference values of all healthy never-smoking women (HNSW) without symptoms of chronic bronchitis (cough and phlegm for ≥ 3 months of the year for ≥ 2 years), chronic cough and chronic phlegm. Difference between z-scores at baseline and follow-up ($z_f - z_b$). Two one-sided tests for equivalence were performed to establish equivalence between the mean z-scores of the GLI reference population and SALIA.

Follow-up - baseline	N	Mean	sd	p-value*
FEV ₁	262	0.33	0.78	0.002
FVC	262	0.37	0.74	0.008
FEV ₁ /FVC	262	-0.09	0.85	<0.001

FEV₁: forced expiratory volume in 1 s; FVC: forced vital capacity; LLN: Lower Limit of Normal. *: Two one-sided tests (TOST) for equivalence were performed to test on equivalence between the mean deviations in z-scores of the GLI reference population and SALIA. A good longitudinal fit was reached if the null-hypothesis of the mean deviations in z-scores outside of the interval [-0.5, 0.5] was rejected at the 5% significance level ($H_0: z_i - z_j \notin [-0.5, 0.5]$).