

Pediatric Reproducibility Limits for the Forced Expiratory Volume in 1 second

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Supplemental Material

Table S1. Summary of Sensitivity Analyses

Data	Subset	Equation
All	All	0.64 (95%CI 0.62;0.66) – 0.04time (95%CI -0.04;-0.03) + 0.02age (95%CI 0.02;0.02)
All	Integer Times	0.82 (95%CI 0.80;0.85) – 0.04time (95%CI -0.05;-0.03) + 0.02age (95%CI 0.02;0.02)
All	Exclude 1 st Test Occasion	0.67 (95%CI 0.65;0.69) – 0.03time (95%CI -0.04;-0.03) + 0.01age (95%CI 0.01;0.01)
5 Years	All	0.61 (95%CI 0.58;0.63) – 0.03time (95%CI -0.04;-0.02) + 0.02age (95%CI 0.02;0.02)
5 Years	Integer Times	0.83 (95%CI 0.80;0.87) – 0.04time (95%CI -0.06;-0.03) + 0.02age (95%CI 0.01;0.03)
5 Years	Exclude 1 st Test Occasion	0.64 (95%CI 0.62;0.67) – 0.03time (95%CI -0.04;-0.02) + 0.02age (95%CI 0.02;0.02)
CF population	All	0.74 (95%CI 0.70;0.77) – 0.03time (95%CI -0.03;-0.02) + 0.01age (95%CI 0.01;0.01)

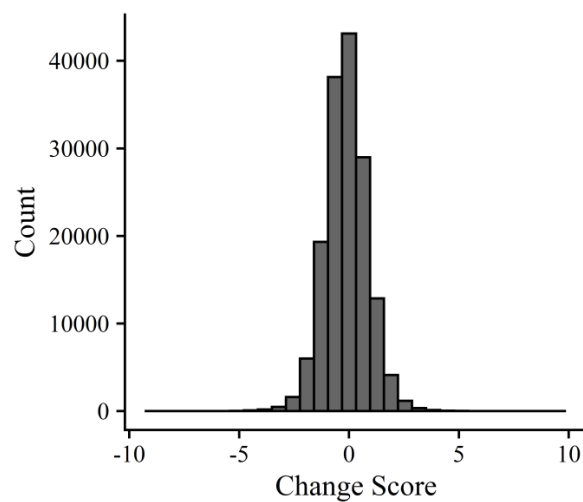


Figure S1. Distribution of change scores in healthy individuals.

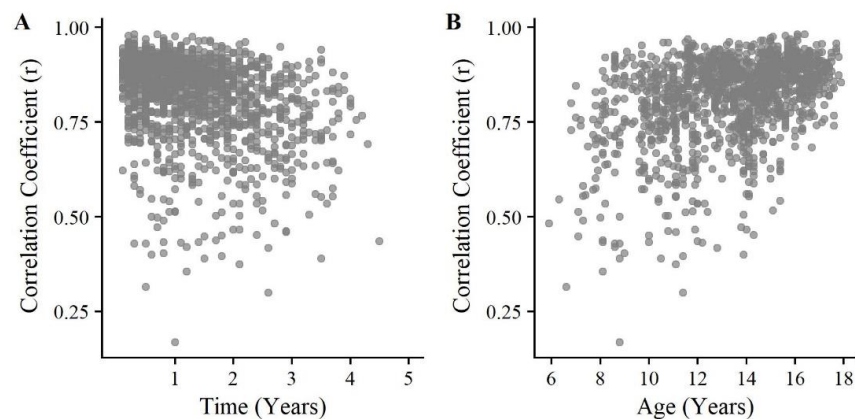


Figure S2. Correlations of repeated zFEV₁ measurements against a) time between measurements and b) age at the first measurement for 1337 pairs of correlations in subjects with CF.