

Statistical Analyses for Absolute Change From Baseline in ppFEV1 Through Week 8

Statistical analysis title	Statistical Analyses for Absolute Change From Baseline in ppFEV1 Through Week 8				Analysis Type	Superiority			
Statistical analysis description	Estimates were obtained from MMRM with dependent variable absolute change from baseline, with treatment, sequence, period, and visit within period (Weeks 2, 4, 8) as fixed effects, subject nested within sequence as a random effect, and with adjustment for the continuous baseline values of age and ppFEV1, using a compound symmetry covariance matrix.								
Comparison groups or subject analysis sets	Part 1: Ivacaftor versus Part 1: Placebo								
Number of subjects in this analysis	38								
Analysis specification	Pre-Specified								
Statistical hypothesis test									
P-value	<0.0001				Comment				
Method [Required if P-value provided]	Mixed Effects Model for Repeated Measures (MMRM)								
Parameter Estimate									
Parameter type	Least squares (LS) mean difference (Standard Error)								
Point estimate	10.6780 (1.7100)								
Confidence interval	Level	95%	Sides	2-sided		Lower limit	7.2559	Upper limit	14.1000
Variability estimate (if applicable)	NA				Dispersion Value		NA		