

# Statistical Analyses for Absolute Change From Baseline in Lung Clearance Index (LCI) Through Day 29

Statistical analysis title	Statistical Analyses for Absolute Change From Baseline in LCI Through Day 29				Analysis Type	Superiority			
Statistical analysis description	The primary analysis for the primary efficacy variable was based on a mixed effect model. The model included the absolute change from the baseline in each period as the dependent variable, sequence, treatment, and period as fixed effects, study baseline LCI as the covariate, and subject nested within sequence as the random effect.								
Comparison groups or subject analysis sets	Ivacaftor versus Placebo								
Number of subjects in this analysis	18								
Analysis specification	Pre-Specified								
Statistical hypothesis test									
P-value	=0.0004				Comment				
Method [Required if P-value provided]	Mixed-Effect Model								
Parameter Estimate									
Parameter type	Least Squares (LS) Mean Difference								
Point estimate	-2.069								
Confidence interval	Level	95%	Sides	2-sided		Lower limit	-2.98	Upper limit	-1.15
Variability estimate (if applicable)	NA				Dispersion Value		NA		