

Statistical Analysis for Specificity of the Majority Read of Visual Assessment of Tracer Uptake Compared to Histological Verification of the Presence or Absence of Cerebral Beta-amyloid in Postmortem Specimens

Statistical Analysis Overview	Comparison Groups	Specificity (Interim Analysis Set)
	Comments	<p>For the primary analysis, point estimates together with normal-approximated, two sided 95% confidence intervals, were given for specificity in amyloid detection based on the majority read.</p> <p>The following hypothesis was formulated for specificity:</p> <p>$H_{0,spec}: \text{specificity} \leq 0.8$ vs. $H_1, spec: \text{specificity} > 0.8$ $H_{0,spec}$ was to be rejected if the lower bound of the two-sided 95% CI is larger than 0.8</p>
	Non-Inferiority or Equivalence Analysis?	No
	Comments	[Not specified]

Method of Estimation	Estimation Parameter	Other [Specificity]
	Estimated Value	0.942
	Confidence Interval	(2-Sided) 95% 0.886 to 0.998
	Estimation Comments	Point estimate of specificity was calculated using the method of Rao and Scott. Variance for specificity is based on subjects that contribute at least one brain region, which is amyloid negative according to the SoT