

Supplemental Table 2: Sensitivity Analysis 3

Observed vs. Predicted Comparisons in Protocol O Validation Data using Different Random 70/30% Train/Test Splits				
Random split	Spectralis vs. Predicted Spectralis <sup>a-f</sup>		Cirrus vs. Predicted Cirrus <sup>g-l</sup>	
<b>Limits of agreement<sup>m</sup> for micron differences (95% LOA) [95% CI], <math>\mu\text{m}^n</math></b>				
Split used	(-69, 69)	[(-86, -56), (56, 86)]	(-73, 73)	[(-92, -59), (59, 92)]
Alternate split 1	(-68, 68)	[(-83, -57), (57, 83)]	(-70, 70)	[(-86, -58), (58, 86)]
Alternate split 2	(-51, 51)	[(-64, -42), (42, 64)]	(-54, 54)	[(-68, -44), (44, 68)]
Alternate split 3	(-56, 56)	[(-70, -45), (45, 70)]	(-54, 54)	[(-67, -44), (44, 67)]
Alternate split 4	(-70, 70)	[(-89, -55), (55, 89)]	(-70, 70)	[(-89, -56), (56, 89)]
Alternate split 5	(-48, 48)	[(-59, -40), (40, 59)]	(-47, 47)	[(-57, -39), (39, 57)]
<b>Limits of agreement<sup>m</sup> for relative differences (95% LOA) [95% CI], %<sup>o</sup></b>				
Split used	(-17%, 17%)	[(-21%, -14%), (14%, 21%)]	(-22%, 22%)	[(-28%, -18%), (18%, 28%)]
Alternate split 1	(-18%, 18%)	[(-21%, -15%), (15%, 21%)]	(-23%, 23%)	[(-28%, -19%), (19%, 28%)]
Alternate split 2	(-12%, 12%)	[(-15%, -10%), (10%, 15%)]	(-14%, 14%)	[(-18%, -12%), (12%, 18%)]
Alternate split 3	(-14%, 14%)	[(-17%, -11%), (11%, 17%)]	(-19%, 19%)	[(-23%, -15%), (15%, 23%)]
Alternate split 4	(-15%, 15%)	[(-19%, -12%), (12%, 19%)]	(-21%, 21%)	[(-26%, -16%), (16%, 26%)]
Alternate split 5	(-14%, 14%)	[(-17%, -12%), (12%, 17%)]	(-14%, 14%)	[(-17%, -12%), (12%, 17%)]

<sup>a</sup> Predicted Spectralis = 40.78 + 0.95 × Cirrus (split used).

<sup>b</sup> Predicted Spectralis = 37.09 + 0.95 × Cirrus (alternate split 1).

<sup>c</sup> Predicted Spectralis = 49.55 + 0.92 × Cirrus (alternate split 2).

<sup>d</sup> Predicted Spectralis = 50.13 + 0.92 × Cirrus (alternate split 3).

<sup>e</sup> Predicted Spectralis = 41.75 + 0.94 × Cirrus (alternate split 4).

<sup>f</sup> Predicted Spectralis = 52.78 + 0.91 × Cirrus (alternate split 5).

<sup>g</sup> Predicted Cirrus = 1.82 + 0.94 × Spectralis (split used).

<sup>h</sup> Predicted Cirrus = -0.40 + 0.95 × Spectralis (alternate split 1).

<sup>i</sup> Predicted Cirrus = 3.63 + 0.94 × Spectralis (alternate split 2).

<sup>j</sup> Predicted Cirrus = -12.92 + 0.97 × Spectralis (alternate split 3).

<sup>k</sup> Predicted Cirrus = -12.92 + 0.98 × Spectralis (alternate split 4).

<sup>l</sup> Predicted Cirrus = -4.35 + 0.96 × Spectralis (alternate split 5).

<sup>m</sup> Limits of agreement were centered around zero (expected mean difference).

<sup>n</sup> Difference = predicted – observed value.

<sup>o</sup> Percent difference = [(predicted – observed value)/observed value] × 100%.

Abbreviations: CI = confidence interval; LOA = Limits of agreement.