

1 **Supplementary Material**

2 **Supplementary Table 1. Intra- and inter-observer agreement and correlation.**

3 Statistical comparison of TUNEL+ cell counts between observers and ImageJ macro.

	Intra-Observer Agreement and Correlation		Inter-Observer Agreement and Correlation	
	Inexperienced Observer 1 st vs. 2 nd Measurement	Experienced Observer 1 st vs. 2 nd Measurement	Inexperienced vs. Experienced Observer	Average of Observers vs. ImageJ Macro
Outer Nuclear Layer				
Wilcoxon signed rank test	< .001	< .0001	< .0001	.826
Spearman correlation	.95	.96	.90	.90
Mean Difference or Bias (count)	1.52 ± 3.85	3.85 ± 5.55	15.56 ± 11.51	0.37 ± 9.78
Coefficient of Variation (%)	15.21 ± 19.69	13.09 ± 13.84	51.11 ± 25.83	23.37 ± 15.97
Inner Nuclear Layer				
Wilcoxon signed rank test	< .001	< .0001	< .0001	< .001
Spearman correlation	.92	.93	.89	.86
Mean Difference or Bias (count)	1.76 ± 4.69	6.30 ± 6.47	16.00 ± 10.03	2.72 ± 7.26
Coefficient of Variation (%)	16.41 ± 15.39	25.20 ± 21.82	56.07 ± 24.03	23.44 ± 18.56

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