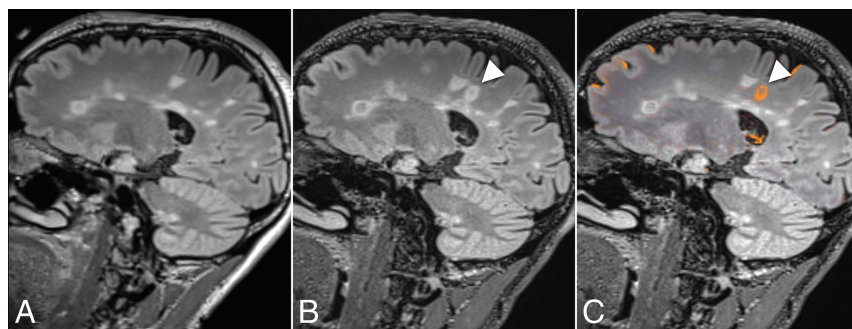


On-line Table: Sensitivity analysis^a

	Fixed Effects											
	Age			Sex			Reporter			EDSS		
	OR	P Value (95% CI)	OR	P Value (95% CI)	OR	P Value (95% CI)	OR	P Value (95% CI)	OR	P Value (95% CI)	OR	P Value (95% CI)
Software	1.23 3.43 ^b	.034 ^b (1.01–10.7)	1.22 3.39 ^b	.036 ^b (1.08–10.57)	1.25 3.48 ^b	.032 ^b (1.11–10.90)	1.42 4.17 ^b	.038 ^b (1.08–16.08)	1.39 4.03 ^b	.044 ^b (1.04–15.64)	1.42 4.15 ^b	.040 ^b (1.07–16.14)
Age	–0.61 0.54 ^b	<.001 ^b (0.41–0.72)	–0.61 0.54 ^b	<.001 ^b (0.41–0.72)	–0.61 0.54 ^b	<.001 ^b (0.41–0.72)	–0.49 0.61 ^b	.01 ^b (0.43–0.87)	–0.4 0.67 ^b	.039 ^b (0.46–0.98)	–0.38 0.67	.053 (0.47–1.01)
Sex			0.24 1.27	.4 (0.72–2.21)	0.23 1.25	.43 (0.72–2.18)	0.21 1.24	.51 (0.65–2.33)	0.11 1.12	.73 (0.59–2.15)	0.13 1.14	.69 (0.60–2.19)
Reporter					0.21 1.24	.39 (0.76–2.02)	0.35 1.42	.21 (0.81–2.49)	0.44 1.55	.13 (0.87–2.77)	0.45 1.56	.13 (0.88–2.79)
EDSS					–0.3 0.74	.089 (0.52–1.05)	–0.25 0.78	.19 (0.54–1.13)	–0.23 0.79	.24 (0.53–1.17)	–0.28 0.76	.15 (0.52–1.11)
Time since diagnosis											–0.23 0.80	.26 (0.54–1.18)
Annualized rate											0.14 1.15	.36 (0.86–1.54)
AIC		755.7		757.0		758.3		622.8		585.6		586.8

^a Note:—AIC indicates akaike information criterion.^b This table highlights the results of our sensitivity analysis. Going from left to right, each column corresponds to the results of a generalized linear mixed model computed using the variable in that column as well as each variable in the columns before it. Similarly, going from top to bottom, each row outlines the results of each model for the corresponding variable.^c Statistically significant.

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ON-LINE FIGURE. Example of VisTarsier series output. Clinical coregistered sagittal FLAIR images of the prior study (A) and current study (B) and change map generated by VisTarsier (C) demonstrate a new lesion (*arrowheads*). Orange overlay in the VisTarsier image is used to draw the radiologist's attention to this area. The conventional coregistered clinical grayscale FLAIR images can then be used to confirm that this is a new demyelinating plaque.