

SUPPLEMENTARY MATERIAL

Supplementary material 1

Figure S – 1

Algebraic expression of the multivariable model:

$$\text{Log(odds)} = -11.3 - (4.7 \times \text{focal appearance [absent = 0, present = 1]}) - (7.4 \times \text{periventricular localization [absent = 0, present = 1]}) + (4.1 \times \text{cortical grey matter involvement [absent = 0, present = 1]}) + (5.2 \times \text{punctuate T2 lesions [absent = 0, present = 1]}) + (5.0 \times \text{treatment duration [>12 months = 1, ≤ 12 months = 0]}) + (0.3 \times \text{age [years]})$$

Supplementary material 2

Legend to the figures:

Figure S – 2

Receiver operating characteristic (ROC) curve for the differentiation between asymptomatic PML and new MS lesions based on the multivariable model for all four raters separately.

Figure S – 2 (a)

ROC curve for rater 1. AUC: 0.997 (95% CI: 0.988 – 1.0) based on the rating of 18 asymptomatic PML patients and 20 patients with new MS lesions.

Figure S – 2 (b)

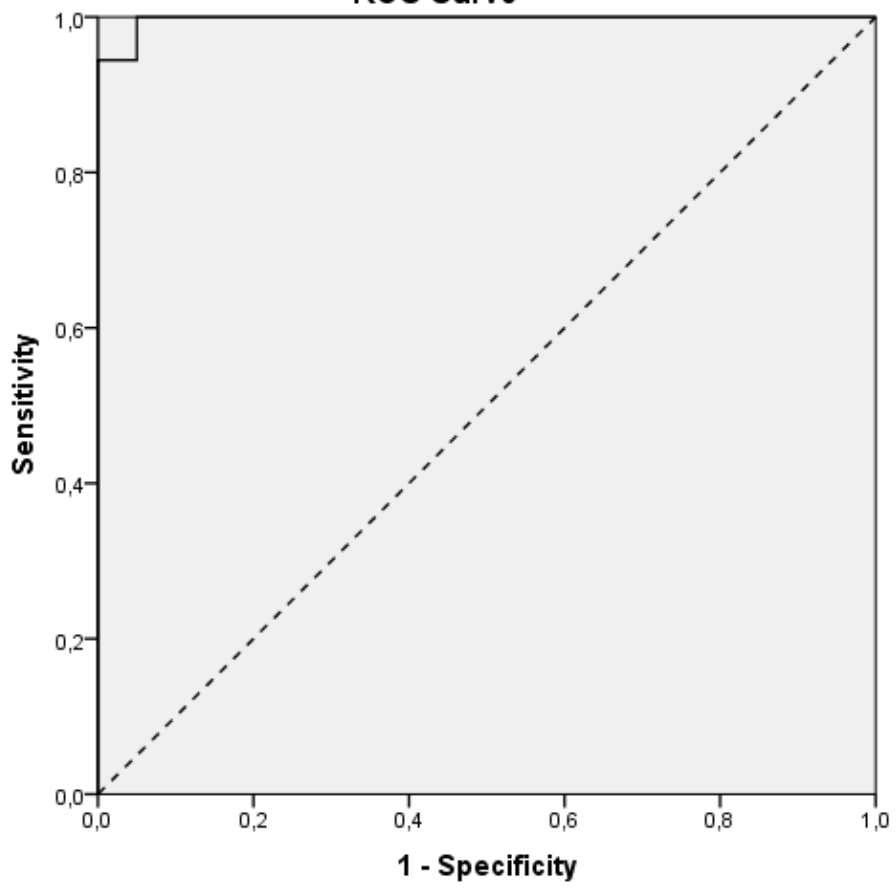
ROC curve for rater 2. AUC: 0.971 (95% CI: 0.922 – 1.0) based on the rating of 16 asymptomatic PML patients and 16 patients with new MS lesions.

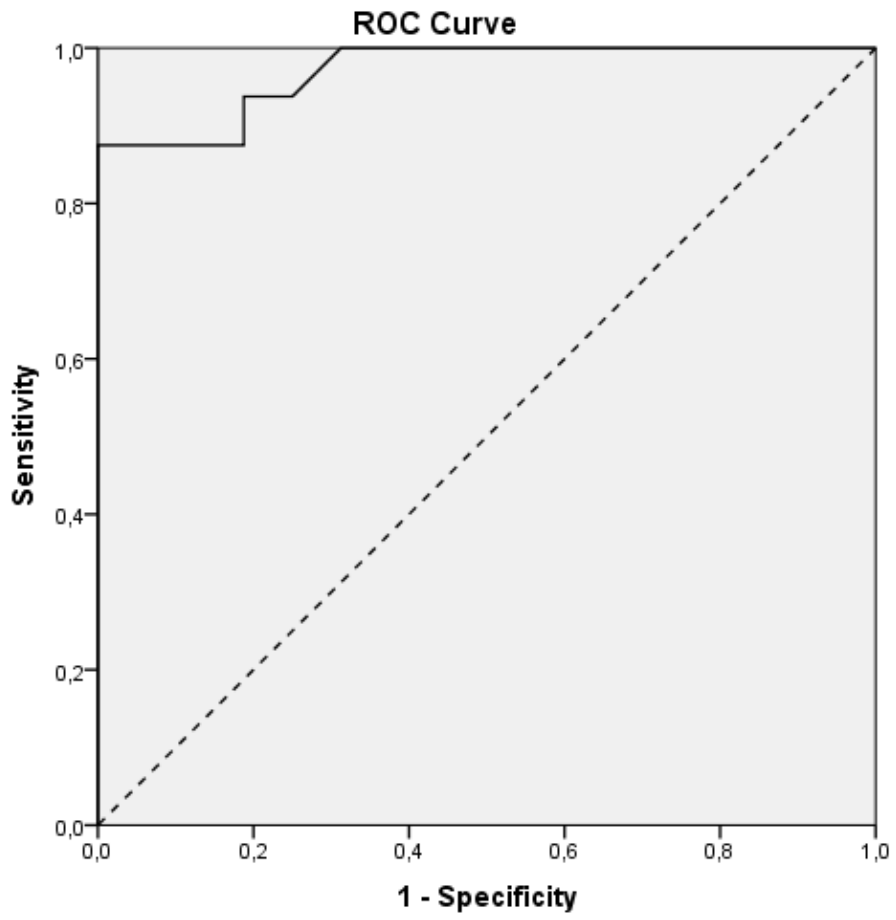
Figure S – 2 (c)

ROC curve for rater 3. AUC: 0.994 (95% CI: 0.979 – 1.0) based on the rating of 16 asymptomatic PML patients and 17 patients with new MS lesions.

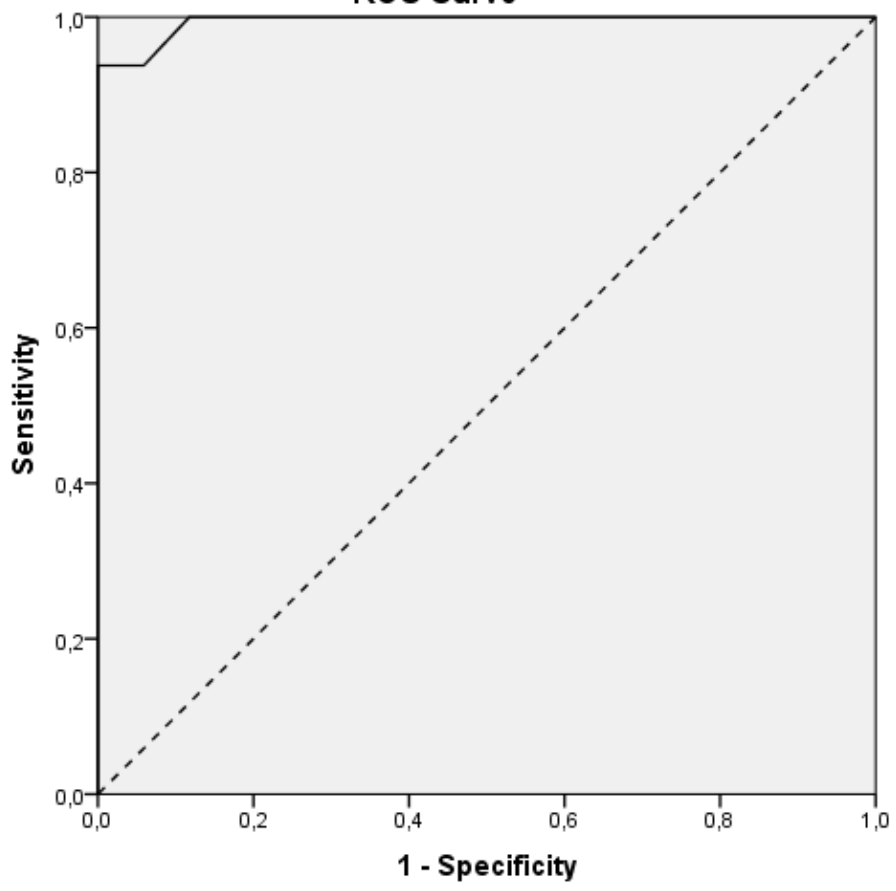
Figure S – 2 (d) ROC curve for rater 4. AUC: 1.0 (95% CI: 1.0 – 1.0) based on the rating of 15 asymptomatic PML patients and 9 patients with new MS lesions.

ROC Curve





ROC Curve



ROC Curve

