

On-line Table: Diagnostic properties and hazard ratios for radiologic and clinical conversion to MS across time

Baseline Criteria/Outcome	Sensitivity (95% CI)	Specificity (95% CI)	PPV (95% CI)	NPV (95% CI)	Agreement (%)	HR (95% CI)	P Value
DIS + OCB							
DIS + DIT	84.06 (73–26–91.76)	50.00 (28.22–71.78)	84.06 (77.42–89.02)	50.00 (33.53–66.47)	75.82	2.64 (1.38–5.06)	<.01
CDMS	82.50 (67.22–92.66)	32.50 (18.57–49.13)	55.00 (48.56–61.27)	65.00 (45.30–80.64)	57.50	1.81 (0.80–4.12)	.16
DIS + GAD							
DIS + DIT	73.33 (61.86–82.89)	100 (85.75–100)	100 (–)	54.55 (45.19–63.59)	79.80	38.92 (16.53–91.67)	<.001
CDMS	73.81 (57.96–86.14)	65.91 (50.08–79.51)	67.39 (56.89–76.40)	72.50 (60.32–82.05)	69.77	3.52 (1.77–7.02)	<.001
DIS + IR							
DIS + DIT	58.67 (46.70–69.92)	83.33 (62.62–95.26)	91.67 (81.51–96.49)	39.22 (31.82–47.14)	64.65	2.73 (1.70–4.37)	<.001
CDMS	54.76 (38.67–70.15)	59.09 (43.25–73.66)	56.10 (44.92–66.69)	57.78 (47.50–67.42)	56.98	1.73 (0.94–3.18)	.08
DIS + iron							
DIS + DIT	66.67 (54.83–77.14)	79.17 (57.85–92.87)	90.91 (81.85–95.68)	43.18 (34.19–52.64)	69.70	2.76 (1.69–4.52)	<.001
CDMS	64.29 (48.03–78.45)	59.09 (43.25–73.66)	60.00 (49.62–69.55)	63.41 (51.89–71.92)	61.63	2.21 (1.17–4.16)	.014
DIS + 2 CVs							
DIS + DIT	76.00 (65.75–85.11)	70.83 (48.91–87.38)	89.06 (81.17–93.90)	48.57 (36.94–60.36)	74.75	3.16 (1.83–5.44)	<.001
CDMS	73.81 (57.96–86.14)	52.27 (36.69–67.54)	59.62 (50.79–67.86)	67.65 (53.91–78.89)	62.79	2.43 (1.21–4.87)	.013
DIS + any							
DIS + DIT	94.67 (86.90–98.53)	50.00 (29.12–70.88)	85.54 (79.80–89.86)	75.00 (51.61–89.40)	83.84	7.45 (2.70–20.58)	<.001
CDMS	95.24 (83.84–99.42)	29.55 (16.76–45.20)	56.34 (51.30–61.25)	86.67 (60.93–96.44)	61.63	5.86 (1.42–24.43)	.015

Note:—HR indicates hazard ratio; GAD, gadolinium [Gadovist; Bayer]; CI, confidence intervals; PPV, positive predictive values; NPV, negative predictive values; DIS, dissemination in space; OCBs, oligoclonal bands; IR, iron rim; CVs, central veins; DIT, dissemination in time; CDMS, clinically definite multiple sclerosis; (–), Gadobutrol [Gadovist; Bayer].
Bold text denotes Baseline Criteria.