

**Table e2: Imaging measures of interest and cognitive impairment in each RIS case**

RIS case	%CVS+WML ≥ 40%	≥ 1 PRL	≥ 1 SC Lesion	Global CI
1	+	+	+	-
2	+	+	+	+
3	+	+	+	+
4	+	+	+	-
5	+	+	+	-
6	+	+	+	+
7	-	-	-	-
8	+	-	+	-
9	+	-	+	+
10	+	-	-	-
11	+	+	-	+
12	+	+	-	-
13	+	+	+	+
14	+	+	-	+
15	+	+	+	-
16	-	-	-	-
17	+	-	+	+
18	+	+	+	-
19	+	-	+	-
20	+	-	+	-
21	+	+	-	-
22	+	+	+	+
23	+	-	-	-
24	+	+	+	-
25	+	+	+	-
26	+	-	+	-
27	+	+	+	-

\*RIS = radiologically-isolated syndrome; CVS+WML = central vein sign positive white-matter lesion; PRL = paramagnetic rim lesion; SC = spinal cord; CI = cognitive impairment