

**Supplementary Table 1.** Calculation of BREMSO (bayesian risk estimate for ms at onset)

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0.05 × age (in decades)  
-1.07 (if female gender)  
+0.93 (if sphincter onset)  
+0.62 (if pure motor onset)  
+0.81 (if motor and sensory onset)  
+0.32 × number of neurological functional systems involved at onset  
+0.52 (if incomplete recovery after onset)

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