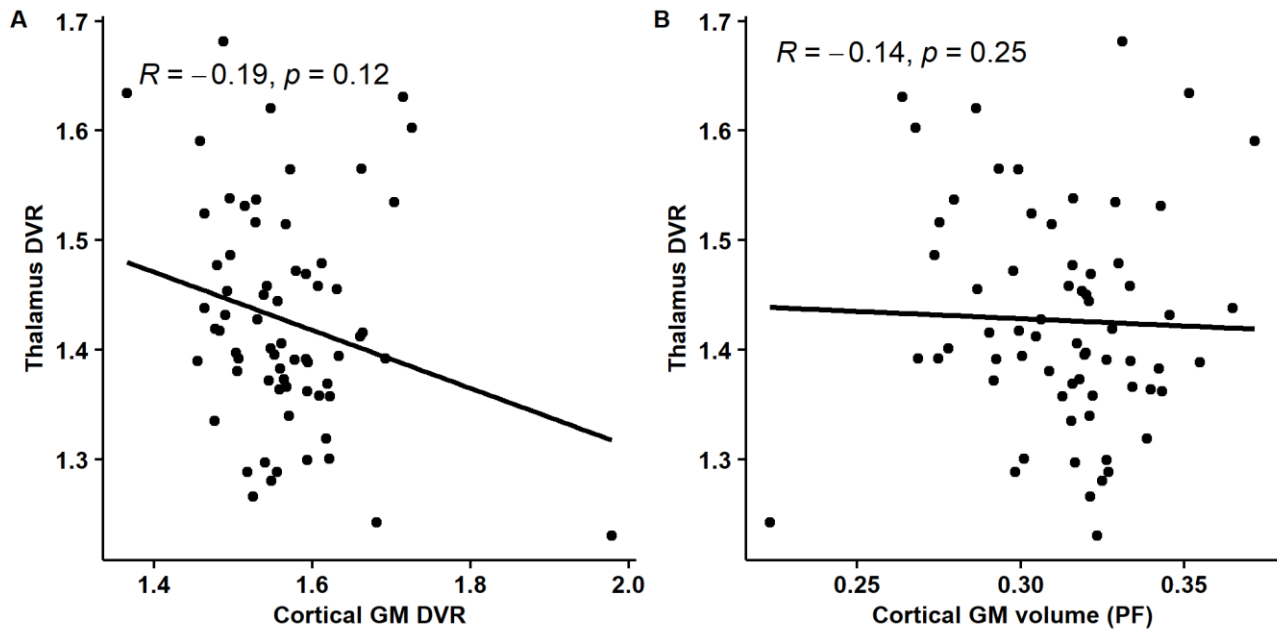


**eFigure 1 Cortical GM TSPO-PET DVR and MRI volumes in MS patients, healthy controls and in relation to disability progression.** (A) Cortical GM baseline TSPO-PET DVR in MS patients, in healthy controls and in relation to disability progression. (B) Cortical GM baseline MRI volumes in MS patients, in healthy controls and in relation to disability progression. MS patients had significantly lower cortical GM volumes compared to healthy controls. Wilcoxon rank sum test was used. DVR = distribution volume ratio, GM = gray matter, HC = healthy control, PF = parenchymal fraction.



**eFigure 2 Cortical GM TSPO-PET DVR and MRI volumes and their associations with**

**thalamic TSPO-PET DVR.** (A) Association of cortical GM DVR with thalamic DVR at baseline.

(B) Association of cortical volume with thalamic DVR at baseline. Spearman correlation was used to assess the relationships between the variables. DVR = distribution volume ratio, GM = gray matter, PF = parenchymal fraction.