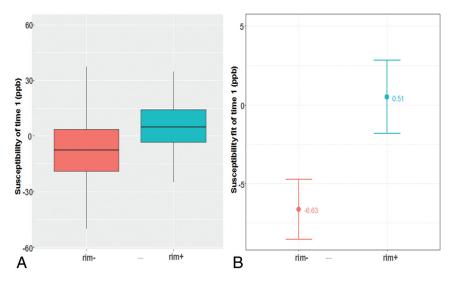
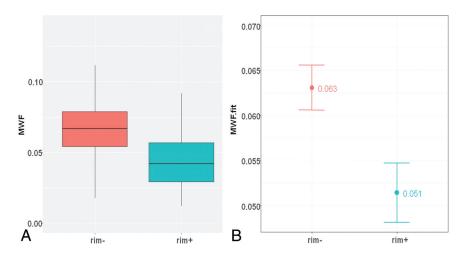


ON-LINE FIG 1. Examples of rim—lesions (*red arrows*): T2-weighted images (*A1, B1*) and QSM (*A2, B2*) in 2 patients with relapsing-remitting MS. Examples of rim+ lesions (*yellow arrows*): T2-weighted images (*C1, D1*) and QSM (*C2, D2*) in another 2 patients with relapsing-remitting MS.



ON-LINE FIG 2. A, Boxplot of rim— (pink) and rim— (blue) lesions, which demonstrates higher QSM in rim— compared with rim— lesions. B, Confidence interval plot of rim— (pink) and rim— (blue) lesions derived from a mixed-effects model, which demonstrates higher QSM mean effect in rim— lesions compared with rim— lesions after controlling for multiple lesions per patient (P < .001).



ON-LINE FIG 3. A, Boxplot of rim— (pink) and rim+ (blue) lesions, which demonstrates lower MWF in rim+ compared with rim— lesions. B, Confidence interval plot of rim— (pink) and rim+ (blue) lesions derived from a mixed-effects model, which demonstrates a lower MWF mean effect in rim+ lesions compared with rim— lesions after controlling for multiple lesions per patient and T2 lesion size (P < .001 [only include patients without enhanced lesions]).