**Table S1**Summary of main effects and age × predictor interactions on WMH volume in periventricular and deep regions.

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| --- | --- | --- |
| Table S1 |  |  |
| WMH Location | Periventricular | Deep |
| Predictors | *p*-value | *p*-value |
| Age  | 0.013\* | 0.211 |
| Sex | 0.008\* | 0.603 |
| ICV | 0.066 | 0.349 |
| CBF | 0.018\* | 0.161 |
| QSM | 0.424 | 0.021\* |
| RD  | <0.001\* | 0.024\* |
| Age × CBF | 0.986 | 0.628 |
| Age × QSM | 0.140 | 0.328 |
| Age × DR | 0.270 | 0.778 |

*Displayed are the p-values for the main effects of all predictors, and interaction terms in both PV (left) and deep (right) WMH models. There were no statistically significant interaction terms in either model.*

*\*p < 0.05*