**S3 Table. Regression analyses for the relationships of MIC-1/GDF15 at wave 1 with the changes in brain GM volume in normal ageing participants over two years**

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| --- | --- | --- | --- | --- | --- |
| Prospective analyses (n = 119) | | | | | |
|  | | Model 1 | | Model 2 | |
| β | p | β | p |
| Whole brain GM | | 0.166 | 0.174 | 0.146 | 0.216 |
| Cortices | Total cortical GM | 0.124 | 0.306 | 0.105 | 0.371 |
| Frontal | 0.065 | 0.586 | 0.065 | 0.586 |
| Temporal | 0.191 | 0.132 | 0.170 | 0.165 |
| Parietal | 0.093 | 0.444 | 0.075 | 0.526 |
| Occipital | 0.105 | 0.401 | 0.105 | 0.401 |
| Subcortical structures | Total subcortical GM | 0.046 | 0.717 | 0.046 | 0.717 |
| Hippocampus | -0.076 | 0.558 | -0.076 | 0.558 |
| Thalamus | -0.080 | 0.537 | -0.080 | 0.537 |
| Caudate | 0.073 | 0.554 | 0.073 | 0.554 |
| Putamen | -0.071 | 0.583 | -0.071 | 0.583 |
| Pallidum | -0.042 | 0.744 | -0.042 | 0.744 |
| Amygdala | -0.027 | 0.839 | -0.027 | 0.839 |
| Accumbens | -0.210 | 0.099 | -0.210 | 0.099 |
| Brainstem | 0.014 | 0.914 | 0.014 | 0.914 |