|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Modality | Contrast | Coordinates | T-score | pFWE-CORR | Region | Cluster size |
|  |  | x | y | z |  |  |  |  |
| 11C-BU99008 | All Patients > ControlsMCI > AD patients | 573741928234420353447860-21-11-42-17-6-48-43-51-41-5213-419-741-4-131861522-7-4-110 | 122633-4364152335104343-36-4-3666321-33-43-3224-33-18-525665-28603968-6017-69-6327-1-2-64 | 37411879145235496026379387745265734465386123217-1455317-7184331263648405 | 5.644.954.674.354.243.953.943.903.883.823.823.823.614.554.424.144.133.753.643.513.403.353.326.395.925.825.725.515.475.435.275.175.004.874.774.744.694.54 | 0.0010.006<0.001 | Premotor cortex, RDorsolateral prefrontal cortex, RDorsolateral prefrontal cortex, RPosterior parietal cortex, RAnterior prefrontal cortex, RPremotor cortex, RDorsolateral prefrontal cortex, RFrontal eye fields, RFrontal eye fields, RDorsolateral prefrontal cortex, RDorsolateral prefrontal cortex, RPrimary somatosensory cortex, RPrimary motor cortex, RPrimary somatosensory cortex, LAnterior prefrontal cortex, LPremotor cortex, LPremotor cortex, LPrimary somatosensory cortex, LSupramarginal gyrus, LPrimary somatosensory cortex, LFrontal eye fields, LPrimary somatosensory cortex, LPrimary somatosensory cortex, LMedial occipital cortex, RAnterior prefrontal cortex, LAnterior prefrontal cortex, RPosterior parietal cortex, LAnterior prefrontal cortex, RDorsal anterior cingulate cortex, LAnterior prefrontal cortex, LMedial occipital cortex, RFrontal eye fields, RMedial occipital cortex, RDorsal posterior cingulate cortex, RFrontal eye fields, LPremotor cortex, LVentral anterior cingulate cortex, LMedial occipital cortex, R |  115,970 91,794  262,743 |
| 18F-FDG | All Patients < Controls | 20435223603821-475-2044-428 | -70-56-47-68-31-67-67-67-57-71-55-33-88 | 36222234-2184011932-155621 | 9.409.369.238.978.728.388.347.957.877.547.457.077.02 | <0.001 | Posterior parietal cortex, RAngular gyrus, RAngular gyrus, RPosterior parietal cortex, RMedial temporal gyrus, RLateral occipital gyrus, RPosterior parietal cortex, RLateral occipital gyrus, LFusiform gyrus, RPosterior parietal cortex, LFusiform gyrus, RPosterior parietal cortex, LLateral occipital gyrus, R |  214,877 |
| VBM | All Patients < Controls | 48512821442435403548572661 | -38-304-8-53-12-25-5015-55-3-290 | -17-19-33-15-9-33-15-15-34-2-28-26-28 | 5.004.534.454.214.124.093.833.713.583.523.343.333.30 | <0.001 | Superior temporal gyrus, RInferior temporal gyrus, RParahippocampal gyrus, RHippocampus, RFusiform gyrus, RParahippocampal gyrus, RHippocampus, RFusiform gyrus, RTemporal pole, RFusiform gyrus, RMedial temporal gyrus, RFusiform gyrus, RMedial temporal gyrus, R |  40,164 |
| 18F-florbetaben | Aβ+ Patients > Controls | -30-23-26-5923-60-28183-52-2-55-8-4750-639-364-7-3031372659-3-36-47-5164666066575449475445446555 | -79-79-64-58-63-59-78-78-72-76-74-62-85-769365356513645636147-148355037-29-21-4-10-60-54-44-81-42-81-76-515 | 3442612255-14304443143-213715382319162527293-22937223908362338-22-9-10-27-12-27-16-1810-30 | 7.507.206.806.656.576.406.246.196.126.015.995.865.805.767.836.536.336.005.815.785.775.715.705.635.505.495.415.275.205.855.275.255.245.225.205.125.055.045.034.784.724.65 | <0.001<0.001<0.001 | Angular gyrus, LPosterior parietal cortex, LPosterior parietal cortex, LAngular gyrus, LPosterior parietal cortex, LFusiform gyrus, LAngular gyrus, LPosterior parietal cortex, RPosterior parietal cortex, RLateral occipital gyrus, LPosterior parietal cortex, LFusiform gyrus, LPosterior parietal cortex, LLateral occipital gyrus, LPremotor cortex, RDorsal anterior cingulate cortex, LAnterior prefrontal cortex, RAnterior prefrontal cortex, LDorsolateral prefrontal cortex, RDorsal anterior cingulate cortex, LAnterior prefrontal cortex, LAnterior prefrontal cortex, RAnterior prefrontal cortex, RDorsolateral prefrontal cortex, RPremotor cortex, RDorsolateral prefrontal cortex, LDorsolateral prefrontal cortex, LAnterior prefrontal cortex, LDorsolateral prefrontal cortex, LSupramarginal gyrus, RSupramarginal gyrus, RPrimary motor cortex, RMedial temporal gyrus, RFusiform gyrus, RFusiform gyrus, RInferior temporal gyrus, RLateral occipital cortex, RInferior temporal gyrus, RLateral occipital gyrus, RLateral occipital gyrus, RFusiform gyrus, RTemporal pole, R |  115,994 105,945  48,055  |