

**Supplemental Table 1** Visual analyses of 11C-PiB-PET

	AD positive Rater 1/ Rater 2/ Consensus	AD negative Rater 1/ Rater 2/ Consensus
Conversion to dementia due to AD	9 / 9 / 9	0 / 0 / 0
No conversion to dementia due to AD	9 / 7 / 9	10 / 12 / 10

AD: Alzheimer's disease; AD: Alzheimer's disease; FDG: Fluor-desoxy-glucose; PiB:  
Pittsburgh-Compound B; PET: Positron Emission Tomography

**Supplemental Table 2** Visual analyses of 18F-FDG-PET

	Typical of AD Rater 1/ Rater 2	Questionable of AD Rater 1/ Rater 2	Not typical of AD Rater 1/ Rater 2	Other neurodegeneration Rater 1/ Rater 2
Conversion to dementia due to AD	1 / 5	0 / 1	2 / 1	6 / 2
No conversion to dementia due to AD	4 / 5	5 / 3	4 / 7	6 / 4

AD: Alzheimer's disease; AD: Alzheimer's disease; FDG: Fluor-desoxy-glucose; PiB:  
Pittsburgh-Compound B; PET: Positron Emission Tomography

**Supplemental Table 3** Fully-automated analyses of 11C-PiB-PET

	AD positive	AD negative
Conversion to dementia due to AD	9	0
No conversion to dementia due to AD	8	11

AD: Alzheimer's disease; FDG: Fluor-desoxy-glucose; PiB: Pittsburgh-Compound B;

PET: Positron Emission Tomography

**Supplemental Table 4** Fully-automated analyses of 18F-FDG-PET

	Typical of AD	Not typical of AD
Conversion to dementia due to AD	7	2
No conversion to dementia due to AD	12	7

AD: Alzheimer's disease; FDG: Fluor-desoxy-glucose; PiB: Pittsburgh-Compound B;

PET: Positron Emission Tomography

**Supplemental Table 5** Dementia of any cause: visual rating of 18F-FDG-PET

Rater 1 / 2	typical of neurodegeneration	Not typical of neurodegeneration
Conversion to dementia	10 / 9	2 / 3
No conversion to dementia	7 / 7	9 / 9

FDG: Fluor-desoxy-glucose; PET: Positron Emission Tomography