Supplemental material 2

A gaussian mixture model with 3 distributions was fitted to the whole population (datasets #1, #2, #3, #4 and #5). Red, blue, and black lines correspond to the fitted Gaussian functions and the dashed line corresponds to the sum of the three Gaussian functions. The SUVR cutoff for early detection of amyloid load was determined as 2 standard deviations above the left Gaussian distribution (in red). The SUVR cutoff for established pathology was determined as 2 standard deviations above the middle gaussian distribution (in blue). The obtained SUVR cutoffs were 14 and 32 CLs.