The authors were responsive to the comments and the manuscript is much improved. I am also more confident about the robustness of the statistical results and have no further comments, although I note that the authors have still refrained from including age as a covariate in the analyses. The added information about the SGTM method is important to facilitate comparisons across PET studies that apply PVC *prior* to amyloid-stratification. Overall, this study is a useful, well-investigated, addition to the growing body of evidence that amyloid accumulation has clinical repercussions across the LBD spectrum.

Dear Editorial Team at NCL

Happy new year to all of you and I offer my apologies for the late submission of this review.

Overall, the paper is strengthened, and the methodological / imaging aspects have been clarified further.

However, I note that the authors have still refrained from including age as a covariate in the group comparisons. While chronological age was not significantly different between the LBD and amyloid sub- groups, the slopes of age-related atrophy may well differ as a function of pathological burden (i.e. amyloid in this study) and may still impact the findings.

Thank you for the opportunity to review this manuscript.

Best Wishes,

Elijah