

Anonymous Reviewer:

- Figures 4-7 would profit from a slightly more homogenous visualisation of axis labels, maybe worth looking at (units in parantheses, "PC1 (unitless)", magnitude of flow events).

Response: We appreciate the reviewer's feedback. We have revised the axis labels in Figures 4, 5, and 7 to ensure consistency in the presentation of units. For Figure 6, we have retained the original axis title with the explained variation in parentheses, as this format is standard practice for PCA plots.