

# Exploratory data structure comparisons: Three new visual tools based on Principal Component Analysis

Short title: PCA-based data comparisons

Anne Helby Petersen

`ahpe@sund.ku.dk` (Corresponding author)

Department of Public Health, University of Copenhagen

Bo Markussen

`bomar@math.ku.dk`

Department of Mathematical Sciences, University of Copenhagen

Karl Bang Christensen

`kach@sund.ku.dk`

Department of Public Health, University of Copenhagen