

Out of Memory: Large-Scale Tidying, Exploratory Analyses and Dashboards in the ELSPAC Study

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Interactive Shiny dashboards serve as a popular means to facilitate exploratory data analysis and streamline utilisation of longitudinal cohort data from hypothesis to model definition. We present the process of developing dashboards for different purposes, from data tidying, harmonising and pre-processing to solving both UI/UX problems and responding to needs of researchers from various backgrounds. The examples showcased draw from the ELSPAC cohort study and serve as both a tool and invitation for further exploration and utilisation of the data.