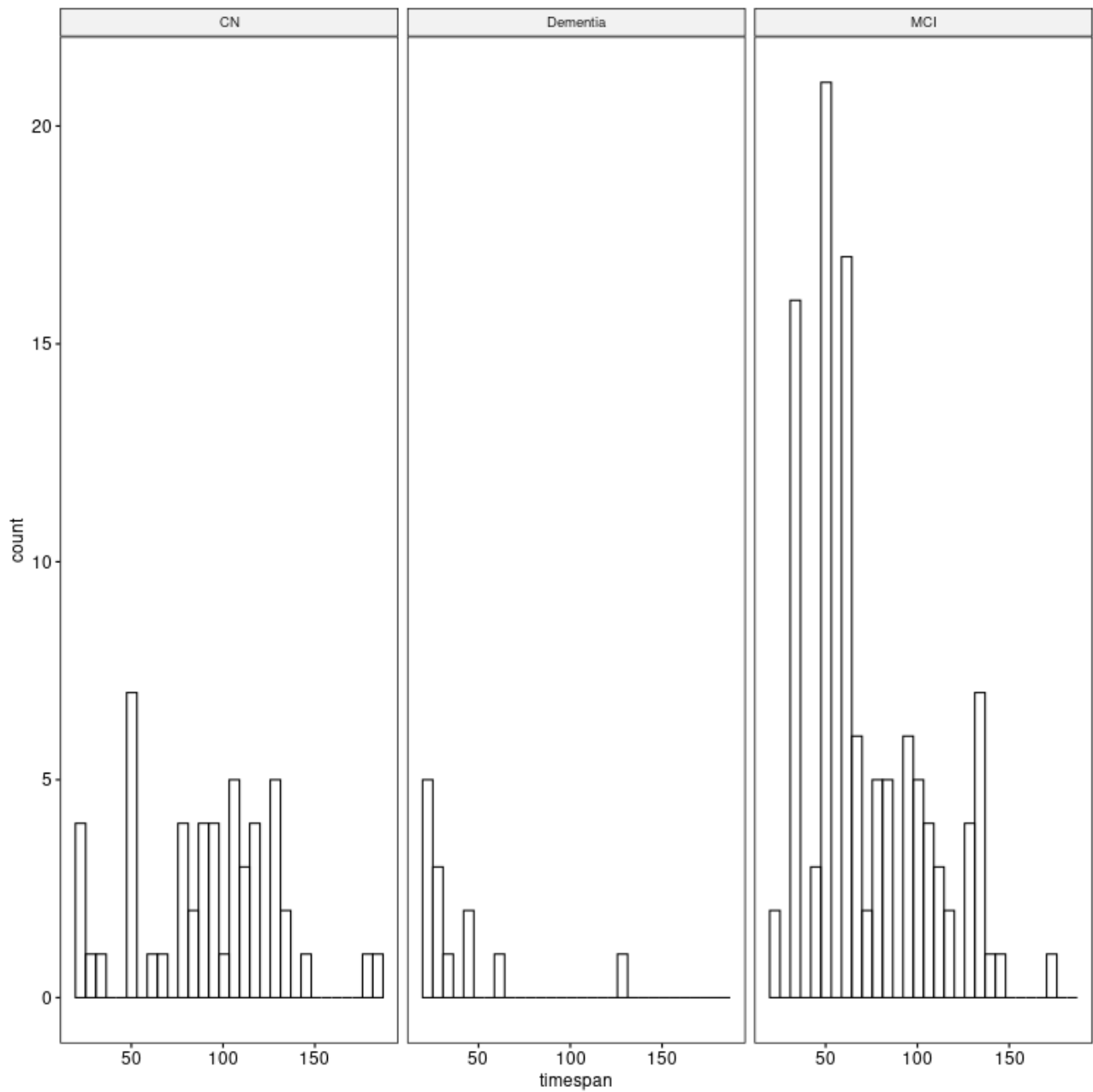**Supplemental information**

Mathematical model of the Alzheimer's disease

biomarker cascade demonstrates statistical pitfall

in identifying surrogates of cognitive reserve

Florian U. Fischer, Susanne Gerber, Oliver Tüscher, and for the Alzheimer's Disease Neuroimaging Initiative

Figure S1. Histogram of timespan from baseline to the last available empirical data point for each individual by clinical status at baseline. CN, cognitively normal. Dementia, manifest Alzheimer's disease. MCI, mild cognitive impairment. Timespan in months.