Covariate Options

Select covariate
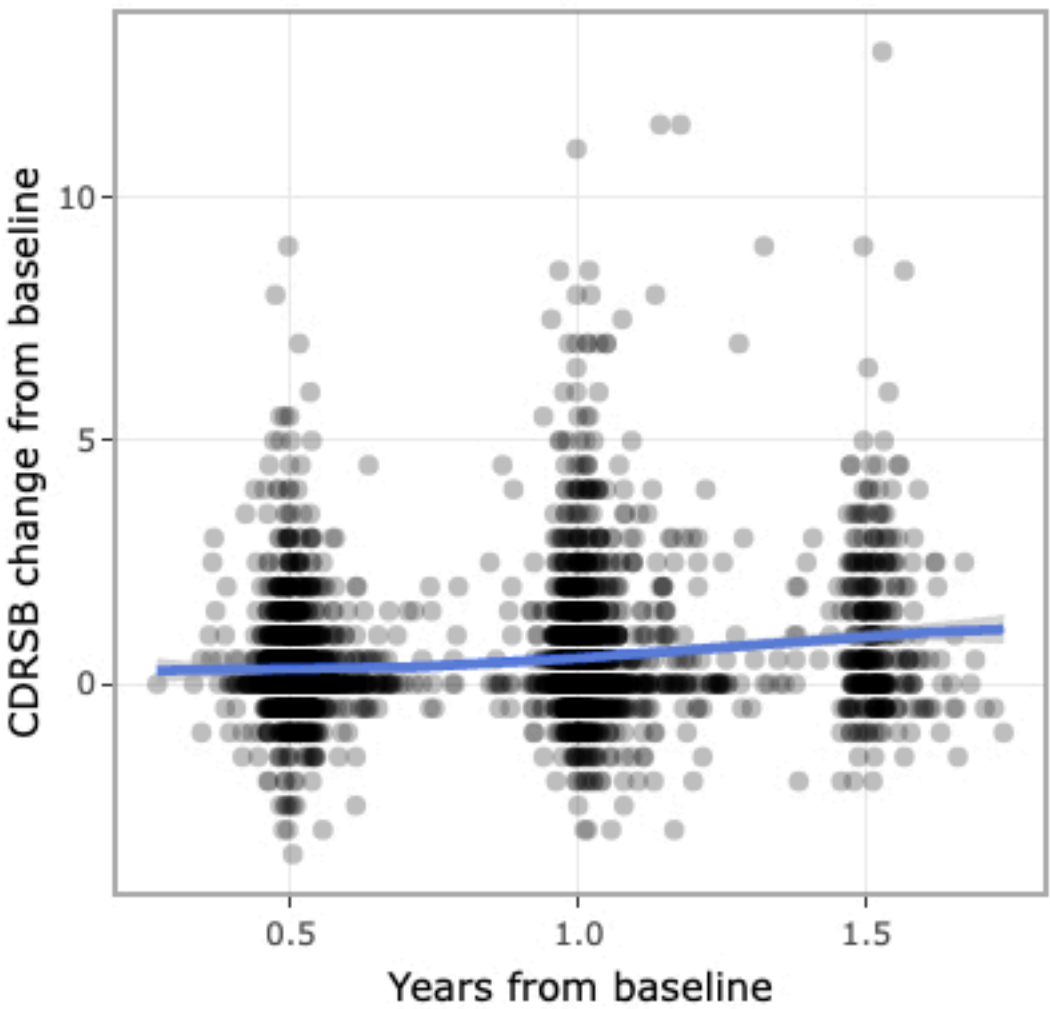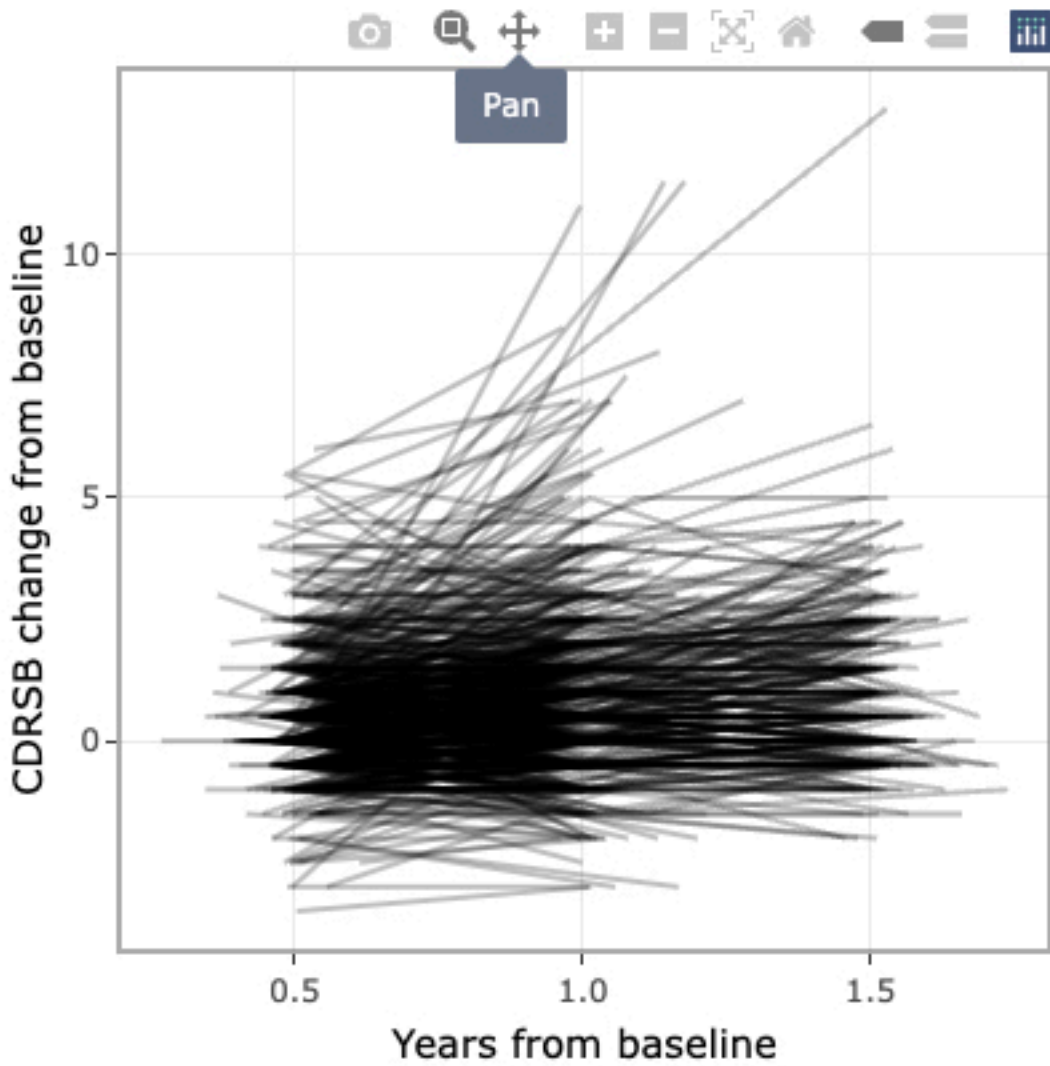
☐ Age ☐ Gender ☐ Education ☐ Ethnicity
☐ Race

Outcome Options

Longitudinal Outcomes

○ FDG PET ○ AV45 PET ○ ADAS11 ○ ADAS13 ○ MMSE ⦿ CDRSB
○ mPACCtrailsB
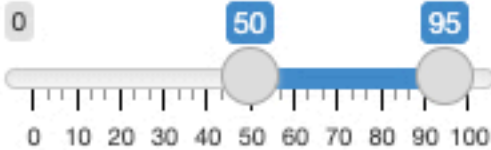
Plots of pilot data

Other design options

Select var-cov structure

⦿ Compound symmetric,
　 heterogeneous

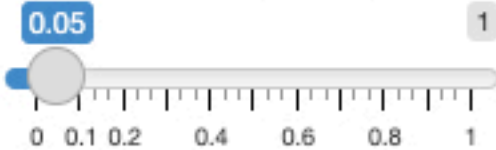○ Unstructured,
　 heterogeneous

○ AR1, heterogeneous

Type of test

⦿ two.sided ○ one.sided
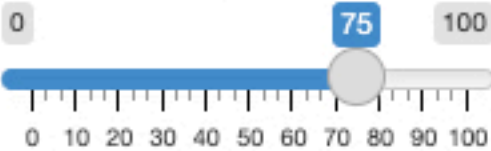
Power (%)

0 ──── 50 ━━━ 95

0 10 20 30 40 50 60 70 80 90 100

Type I error (sig.level)

0.05 ──────────── 1

0 0.1 0.2　0.4　0.6　0.8　1

Effect size (% of estimated placebo change)

0 ━━━━━━━ 75 ── 100

0 10 20 30 40 50 60 70 80 90 100

Allocation ratio (lambda)

0 ─ 1 ──────── 5

0　1　2　3　4　5

Percent retention in pilot group a (ra)

0 ━━━━━━━━ 80 ── 100

0 10 20 30 40 50 60 70 80 90 100
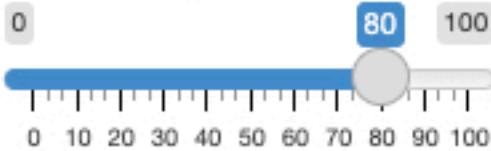
Percent retention in group b (rb)

0 ━━━━━━━━ 80 ── 100

0 10 20 30 40 50 60 70 80 90 100