**Memory Test (California Verbal Learning Test, CVLT):**

**Short Form** (Restricted range; it’s what I have for most of my pilot data from a small study I did at UCSF. For R01 I’m proposing the longer form, which has better psychometric properties)

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| CVLT, 9-item short form. | Year 1  M (SD) | Year 2  M (SD) |
| Controls | 7.8 (1.4) | 7.0 (1.9) |
| MCI | 3.4 (2.5) | 2.4 (2.2) |

**Long Form** (I extracted this data from UCSF’s database. This is the form I will systematically use in the study; however, for full disclosure, the data below is likely a pretty biased sample. Administration of long vs short form at UCSF was based on clinician judgment for a long time (until 2012), so when clinicians thought they were less impaired they were often given the long form. Note that the controls show no overall change; this hides intra-individual variability, but it’s not uncommon for controls to do better at year 2 because of practice effects. Now UCSF has shifted to short form for all people, which has terrible floor effects for MCI and AD. I can extract that data if you would like, but change in scores will be hard to accurately tabulate because so many people get 0’s ).

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| CVLT, 16-item long form | Year 1  M (SD) | Year 2  M (SD) |
| Controls (n=32) | 12.78 (2.75) | 12.81 (2.80) |
| Amnestic MCI (n=54) | 6.24 (2.55) | 4.12 (2.22) |

**Literature-**

The literature varies in terms of annualized change in cognitive measures. I did find two articles that mention close to .5 SD change in MCI per year, so I can reference those.