

## Supplementary Material

**Article Title:** Delineating the Effects of Alcohol Use on Cognition in Individuals With Neurocognitive Disorders

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### **DISCLAIMER**

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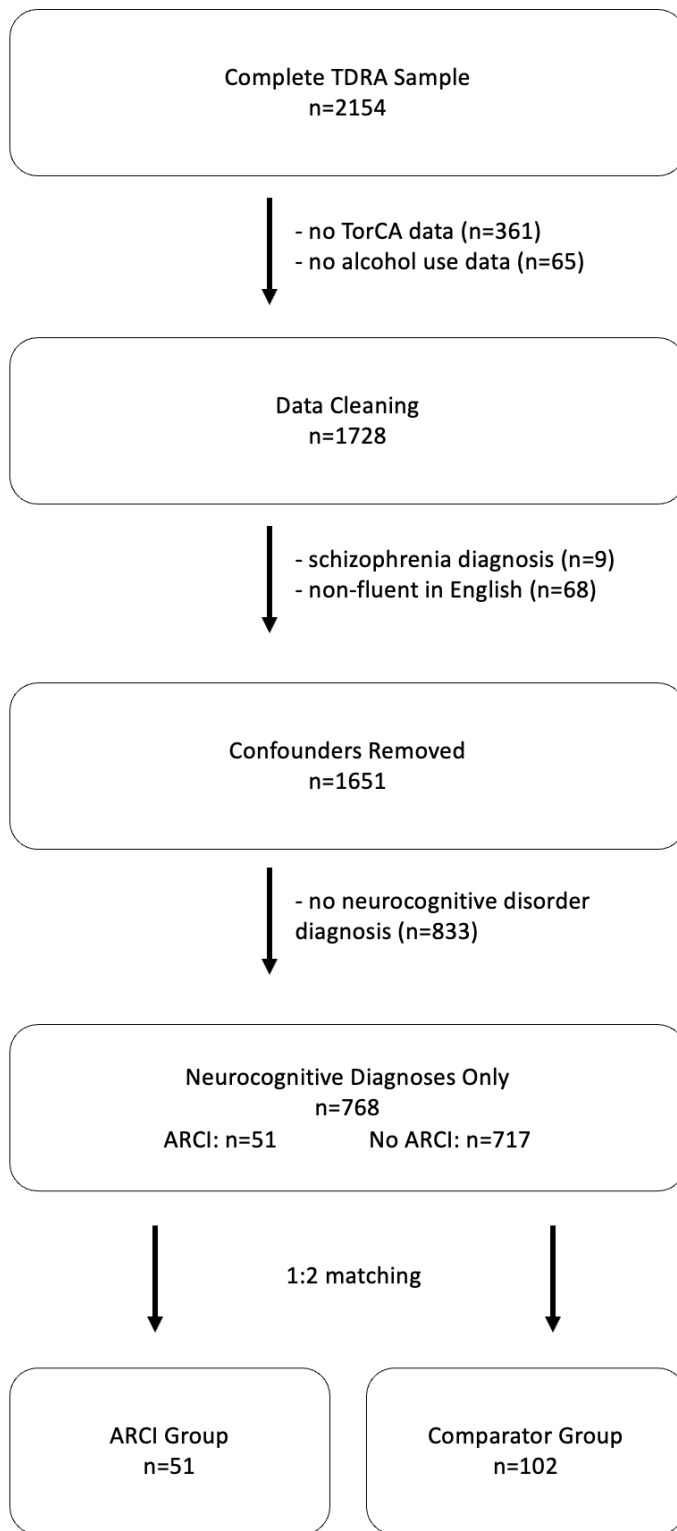


Supplementary Table 3 - Sensitivity analysis showing comparison of cognitive subdomain scores between Alcohol and Comparator groups

| Cognitive Subdomain                             | ARCI Group |      | Comparator Group |      | p <sup>d</sup> | p <sup>e</sup> |
|-------------------------------------------------|------------|------|------------------|------|----------------|----------------|
|                                                 | Mean       | SD   | Mean             | SD   |                |                |
| CERAD Trial 1 (/10)                             | 3.43       | 1.39 | 3.63             | 1.53 | 0.86           | 0.98           |
| CERAD Trial 2 (/10)                             | 5.24       | 1.37 | 5.28             | 1.82 | 0.89           | 0.98           |
| CERAD Trial 3 (/10)                             | 6.18       | 1.58 | 6.01             | 1.90 | 0.67           | 0.98           |
| CERAD Delayed Recall (/10)                      | 3.18       | 2.36 | 2.86             | 2.40 | 0.76           | 0.98           |
| CERAD Delayed Recall Intrusions <sup>a,b</sup>  | 0.79       | 1.21 | 0.34             | 0.69 | <b>0.040</b>   | <b>0.021</b>   |
| CERAD Delayed Recall Repetitions <sup>a,c</sup> | 0.22       | 0.85 | 0.18             | 0.61 | 0.76           | 0.98           |
| Benson Figure Recall (/17)                      | 8.41       | 4.78 | 7.47             | 4.55 | 0.67           | 0.99           |
| CERAD Delayed Recognition (/20)                 | 18.06      | 1.80 | 17.55            | 2.70 | 0.67           | 0.98           |
| Benson Figure Recognition (/1)                  | 0.71       | 0.46 | 0.72             | 0.45 | 0.94           | 0.98           |
| Benson Figure Copy (/17)                        | 15.43      | 1.42 | 15.18            | 2.24 | 0.67           | 0.99           |
| Clock Draw (/15)                                | 13.43      | 1.93 | 13.25            | 2.60 | 0.68           | 0.98           |
| Serial 7's (/13)                                | 10.73      | 3.51 | 9.95             | 4.04 | 0.67           | 0.99           |
| Serial 3's (/13)                                | 11.57      | 2.78 | 11.25            | 3.37 | 0.67           | 0.99           |
| Longest Forward Span Recalled Correctly (/9)    | 6.43       | 1.22 | 6.30             | 1.41 | 0.67           | 0.98           |
| Longest Backward Span Recalled Correctly (/8)   | 4.31       | 0.99 | 4.19             | 1.38 | 0.67           | 0.98           |
| Trails A (/24)                                  | 23.14      | 2.80 | 22.10            | 4.65 | 0.45           | 0.98           |
| Trails B (/24)                                  | 19.96      | 6.73 | 18.26            | 8.16 | 0.50           | 0.98           |
| Alternating Sequences (/2)                      | 1.67       | 0.62 | 1.58             | 0.74 | 0.67           | 0.98           |
| Similarities (/10)                              | 8.96       | 1.83 | 8.84             | 1.90 | 0.76           | 0.98           |
| Verbal Fluency Score <sup>a</sup>               | 11.65      | 3.70 | 11.37            | 5.06 | 0.76           | 0.98           |
| Verbal Fluency Intrusions <sup>a</sup>          | 0.22       | 0.92 | 0.21             | 0.71 | 0.89           | 0.98           |
| Verbal Fluency Repetitions <sup>a</sup>         | 0.55       | 0.83 | 0.85             | 1.21 | 0.50           | 0.98           |
| Semantic Fluency Score <sup>a</sup>             | 15.80      | 6.34 | 14.12            | 6.44 | 0.45           | 0.98           |



Supplementary Figure 1 – Flow chart for participant sample assignment



ARCI = alcohol-related cognitive impairment