

**Table S1 –** Demographical and neuropsychological data

|    |     |     |     |       | MoCA <sup>1</sup> | PRMQ <sup>2</sup> |               |       | Digit Span <sup>3</sup> |          | Word list <sup>4</sup> |                |              |             | TMT <sup>5</sup> |       |         | SDMT <sup>6</sup> | Stroop <sup>7</sup> |             | PASAT <sup>8</sup> | MFPT <sup>9</sup> |            |        | Fluency <sup>10</sup> |          | Naming <sup>11</sup> | COVID PTSD <sup>12</sup> |
|----|-----|-----|-----|-------|-------------------|-------------------|---------------|-------|-------------------------|----------|------------------------|----------------|--------------|-------------|------------------|-------|---------|-------------------|---------------------|-------------|--------------------|-------------------|------------|--------|-----------------------|----------|----------------------|--------------------------|
| ID | Sex | Age | Edu | Onset |                   | prospective       | retrospective | total | forward                 | backward | immediate recall       | delayed recall | non recalled | recognition | TMT-A            | TMT-B | TMT-B-A |                   | congruent           | incongruent |                    | unique designs    | strategies | errors | phonemic              | semantic |                      |                          |
| 1  | M   | 60  | 10  | 3     | -1.23             | -0.37             | -0.66         | -0.56 | -0.88                   | -0.57    | -0.25                  | -0.32          | 0.21         | -0.67       | 0.91             | 0.32  | -0.12   | 0.30              | -0.20               | -0.92       | -0.45              | 0.39              | 0.12       | 0.23   | -1.20                 | 3.83     | -3.51                | -0.20                    |
| 2  | F   | 48  | 13  | 6     | 0.08              | -2.61             | -2.07         | -2.53 | 0.84                    | 0.44     | 2.16                   | 0.99           | 0.47         | 0.11        | -0.76            | -0.46 | -0.06   | 0.18              | -0.70               | -0.08       | -0.14              | -0.27             | -0.39      | 0.23   | 0.27                  | 1.92     | 0.78                 | 0.87                     |
| 3  | F   | 48  | 16  | 12    | 0.34              | -3.63             | -2.07         | -3.07 | -0.80                   | -0.37    | 0.01                   | -0.67          | -0.42        | -0.50       | -0.94            | -2.68 | -2.00   | -0.28             | -0.41               | -0.26       | -1.35              | -0.85             | -0.59      | 0.23   | -1.47                 | -0.32    | -1.22                | 0.50                     |
| 4  | F   | 43  | 13  | 2     | -0.23             | -2.41             | -1.87         | -2.31 | -0.03                   | 0.44     | -1.21                  | -0.22          | 0.35         | -0.76       | -0.11            | -0.30 | -0.29   | -0.05             | -0.70               | 0.42        | 0.26               | -0.13             | -0.05      | 1.08   | 1.51                  | 2.38     | -0.63                | -0.51                    |
| 5  | F   | 48  | 12  | 3     | -0.42             | -0.98             | -2.47         | -1.87 | -0.93                   | -1.54    | -1.39                  | -1.08          | -0.29        | -1.57       | -1.12            | -2.75 | -2.55   | 0.05              | -1.07               | -0.76       | -0.53              | -2.11             | -0.74      | 0.08   | -0.86                 | -0.24    | -1.22                | 0.31                     |
| 6  | F   | 52  | 13  | 1     | -0.11             | n.a.              | n.a.          | n.a.  | 0.31                    | 0.38     | -0.66                  | -0.35          | 0.64         | -0.27       | 0.06             | 0.15  | 0.33    | n.a.              | -0.70               | -0.85       | -0.20              | -1.81             | -0.75      | 0.23   | -1.54                 | -1.37    | 0.78                 | 0.12                     |
| 7  | F   | 64  | 11  | 6     | 0.39              | -2.20             | -1.67         | -2.09 | 0.34                    | -0.15    | 0.20                   | 0.81           | 0.38         | 0.14        | 0.01             | -0.48 | -0.62   | 0.49              | -0.23               | 0.25        | 0.31               | -0.70             | -0.30      | -1.05  | 0.20                  | 3.54     | 0.57                 | -0.01                    |
| 8  | F   | 60  | 13  | 5     | 0.55              | -3.43             | -1.87         | -2.85 | 0.31                    | 1.99     | 1.99                   | 2.67           | 0.69         | 0.32        | 0.40             | 0.35  | -0.45   | 0.62              | -0.10               | 0.86        | 0.17               | 0.95              | -0.36      | -0.20  | 0.37                  | 3.28     | -0.45                | -0.64                    |
| 9  | M   | 57  | 11  | 8     | -0.27             | -1.39             | -0.87         | -1.22 | -0.83                   | 0.29     | 0.32                   | 0.22           | -0.75        | 0.14        | 0.50             | -0.21 | -0.71   | -0.30             | -0.15               | -0.70       | 1.81               | -0.24             | -0.41      | -0.34  | 0.69                  | 0.03     | -0.45                | -0.95                    |
| 10 | F   | 40  | 13  | 5     | 0.50              | 0.24              | 1.14          | 0.75  | 0.65                    | 0.94     | 1.89                   | 1.29           | 0.80         | 0.11        | 0.69             | 0.62  | 0.30    | 0.07              | -0.24               | -0.26       | 1.07               | 0.28              | -0.23      | 1.08   | -0.87                 | 1.76     | -0.63                | 1.06                     |
| 11 | F   | 52  | 17  | 6     | 0.65              | -2.61             | -1.07         | -2.31 | 2.56                    | 2.17     | 1.52                   | 1.06           | 0.42         | 0.34        | 0.55             | -0.51 | -1.19   | -0.46             | -0.97               | -0.22       | -0.94              | -1.13             | -0.46      | 0.08   | -1.10                 | 0.52     | -1.22                | 0.87                     |
| 12 | M   | 47  | 16  | 4     | -0.18             | -2.20             | -0.46         | -1.43 | -0.80                   | -0.37    | -1.58                  | -2.18          | -2.25        | -3.24       | -6.05            | -7.75 | -3.96   | -1.73             | -1.28               | -2.14       | -1.95              | -0.75             | -0.88      | 0.65   | -0.69                 | -0.90    | -3.22                | 0.94                     |
| 13 | F   | 54  | 17  | 7     | 0.69              | -0.17             | -0.26         | -0.23 | 2.56                    | 0.55     | 1.29                   | 1.89           | 1.31         | 0.34        | -0.33            | -0.27 | -0.16   | 0.10              | 0.17                | 0.82        | -0.66              | -0.07             | -0.43      | 1.08   | 0.33                  | 1.40     | -1.22                | 0.50                     |
| 14 | M   | 61  | 16  | 7     | 0.32              | -1.80             | -1.67         | -1.87 | 2.72                    | 1.26     | 1.57                   | 2.48           | 0.69         | 0.40        | -1.53            | 0.50  | 1.15    | 0.33              | -0.72               | 0.59        | 1.17               | -1.10             | -0.54      | 0.51   | 1.97                  | 2.47     | -1.47                | -2.40                    |
| 15 | F   | 58  | 10  | 12    | 0.77              | -2.00             | -1.47         | -1.87 | -0.88                   | -0.57    | -0.86                  | -1.37          | 0.35         | -3.01       | -0.86            | -0.67 | -0.31   | -0.96             | -1.01               | -0.61       | -2.10              | -1.71             | -0.05      | 1.08   | -0.55                 | 0.98     | 0.57                 | -1.39                    |
| 16 | F   | 52  | 17  | 4     | 0.65              | 0.44              | 1.34          | 0.97  | 0.46                    | 0.55     | -2.08                  | -1.02          | 1.31         | -0.07       | -0.91            | -3.73 | -4.94   | -0.74             | -0.80               | -0.09       | -3.45              | -2.28             | -0.74      | -1.19  | 0.61                  | -0.61    | 0.78                 | -1.83                    |
| 17 | M   | 56  | 12  | 9     | -0.04             | -2.61             | -1.87         | -2.42 | 0.26                    | 0.34     | -0.55                  | -0.28          | 1.17         | -0.34       | 0.63             | -0.38 | -1.15   | 0.72              | 0.62                | 0.06        | 1.03               | -1.29             | -0.07      | -0.34  | 1.25                  | 1.32     | -3.51                | -0.07                    |
| 18 | M   | 53  | 13  | 9     | 1.18              | -0.17             | -0.46         | -0.34 | 2.41                    | 2.80     | 0.95                   | 1.74           | 1.31         | 0.44        | 0.72             | 0.46  | 0.29    | 1.18              | 0.59                | 0.91        | 2.11               | 1.64              | -0.04      | -0.06  | 1.53                  | 2.58     | -3.22                | -0.20                    |
| 19 | F   | 56  | 13  | 10    | 0.98              | -1.59             | 0.34          | -0.67 | 1.36                    | 1.19     | 1.14                   | 0.90           | 0.35         | 0.56        | 0.46             | 0.35  | 0.21    | 0.00              | -0.28               | -0.25       | 0.03               | -1.29             | -0.41      | 0.37   | -0.01                 | 1.51     | -0.45                | 0.43                     |
| 20 | F   | 55  | 12  | 14    | 0.96              | -3.02             | -3.48         | -3.51 | 1.32                    | -0.47    | 2.34                   | 2.22           | 1.31         | 0.62        | 0.72             | -0.52 | -1.47   | -0.16             | -1.18               | -0.09       | 0.87               | 1.68              | -0.08      | -0.34  | 1.05                  | 2.14     | -4.53                | -0.39                    |
| 21 | F   | 66  | 13  | 6     | -0.32             | -2.20             | -1.47         | n.a.  | 0.43                    | -0.02    | -0.31                  | -0.53          | 0.27         | -0.96       | -2.93            | -4.10 | -3.56   | -1.25             | -1.80               | -1.29       | -1.47              | -1.58             | -0.55      | 1.08   | -0.30                 | -0.25    | 0.32                 | -0.57                    |
| 22 | F   | 47  | 17  | 9     | -0.69             | 0.85              | 1.74          | 1.41  | -0.77                   | -0.32    | 0.19                   | 0.80           | 0.80         | 0.32        | -1.39            | -4.34 | -3.31   | 0.24              | 0.29                | 0.03        | -0.41              | -0.41             | -0.95      | 0.65   | 0.71                  | 0.42     | -1.22                | -0.13                    |
| 23 | F   | 59  | 13  | 12    | 0.28              | -2.41             | -1.67         | -2.20 | 2.41                    | 1.99     | 0.24                   | 0.07           | 0.20         | -0.27       | 0.32             | -0.47 | -1.03   | 0.10              | 0.81                | -0.16       | -0.43              | -0.44             | -0.09      | 1.08   | 2.56                  | 4.10     | -0.45                | -1.58                    |
| 24 | F   | 53  | 16  | 21    | 0.93              | -2.00             | -2.07         | -2.20 | 1.48                    | -0.29    | 2.38                   | 2.37           | 1.31         | 0.40        | 0.35             | -0.46 | -0.97   | -0.27             | -0.74               | -0.01       | -0.55              | -1.00             | -0.52      | 0.51   | 0.34                  | 1.19     | -1.22                | -0.51                    |
| 25 | M   | 64  | 10  | 13    | 0.39              | -2.20             | -1.67         | -2.09 | 0.29                    | 0.88     | -0.59                  | -1.92          | -1.74        | 0.10        | -2.42            | -2.37 | -1.62   | -0.14             | -0.60               | -0.29       | -0.45              | -1.27             | -0.38      | 0.23   | 0.13                  | 2.22     | -1.47                | -2.46                    |
| 26 | F   | 59  | 13  | 12    | 0.02              | -1.19             | -0.26         | -0.78 | 0.31                    | 1.19     | 0.57                   | 0.90           | 0.80         | 0.56        | 0.77             | -0.18 | -0.91   | 0.52              | 0.72                | 0.09        | -0.32              | 0.59              | -0.51      | 1.08   | -0.01                 | n.a.     | -2.49                | -1.46                    |
| 27 | F   | 47  | 13  | 6     | 0.33              | -3.22             | -2.07         | -2.85 | 0.84                    | 1.40     | -0.40                  | 0.08           | 0.39         | -0.33       | -0.54            | -0.84 | -0.65   | -1.20             | -1.90               | -0.84       | -1.65              | -1.09             | -0.68      | 1.08   | -1.16                 | -0.07    | -1.22                | -0.39                    |
| 28 | F   | 51  | 8   | 12    | -1.91             | -3.83             | -3.28         | -3.84 | -0.98                   | -1.49    | -0.79                  | -1.21          | -1.36        | 0.47        | 0.26             | -0.02 | -0.07   | -0.52             | 0.15                | -1.63       | -3.20              | -1.36             | -0.29      | -7.71  | -0.25                 | 0.17     | -1.22                | -0.70                    |
| 29 | F   | 39  | 17  | 10    | 1.00              | -4.04             | -2.87         | -3.73 | -0.13                   | -0.78    | -0.41                  | 0.27           | 1.03         | -0.78       | -0.03            | -0.02 | -0.01   | -0.15             | -0.36               | 0.48        | 0.39               | -0.54             | -0.79      | -0.48  | 1.28                  | 0.82     | -0.63                | 0.50                     |
| 30 | M   | 55  | 13  | 11    | 0.20              | -0.78             | -0.87         | -0.89 | 1.36                    | 1.19     | -0.40                  | -0.76          | -0.16        | -0.40       | 0.55             | 0.10  | -0.19   | 0.32              | 0.21                | 0.10        | 0.61               | -0.27             | -0.29      | -5.72  | 0.48                  | 1.21     | -0.45                | 0.05                     |
| 31 | F   | 56  | 16  | 12    | 0.73              | -1.19             | -0.46         | -0.89 | 0.42                    | 0.51     | 0.02                   | 0.70           | -0.03        | -0.02       | -0.33            | -0.81 | -0.97   | -0.18             | -0.93               | 0.07        | 0.72               | 0.54              | -0.34      | 1.08   | -0.04                 | -0.72    | 0.57                 | 0.62                     |

*Abbreviations:* ID = identification code, M = male, F = female, Edu = years of education, Onset = months from onset of illness to assessment, n.a. = data not available.

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