Supplementary Table 1: Psychological and psychiatric measures by age at onset of DS (<40 vs ≥40)

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| n (%) | <40 years at onset(n=264) | ≥40 years at onset(n=101) | TotalN=368 |
| Number of current MINI diagnoses  0 1 2 3 4 5 6 7 8 |  |  |  |
| 70 (26.5) | 42 (41.6) | 113 (30.7) |
| 54 (20.5) | 13 (12.9) | 68 (18.5) |
| 44 (16.7) | 13 (12.9) | 57 (15.5) |
| 40 (15.2) | 14 (13.9) | 54 (14.7) |
| 27 (10.2) | 8 (7.9) | 36 (9.8) |
| 18 (6.8) | 7 (6.9) | 25 (6.8) |
| 6 (2.3) | 4 (4.0) | 10 (2.7) |
| 2 (0.8) | 0 (0.0) | 2 (0.5) |
| 3 (1.1) | 0 (0.0) | 3 (0.8) |
| Number of previous MINI diagnoses  0 1 2 3 4 |  |  |  |
| 78 (29.5) | 41 (40.6) | 121 (32.9) |
| 110 (41.7) | 36 (35.6) | 146 (39.7) |
| 56 (21.2) | 21 (20.8) | 78 (21.2) |
| 15 (5.7) | 2 (2.0) | 17 (4.6) |
| 5 (1.9) | 1 (1.0) | 6 (1.6) |
| GAD-7 None (0-4) Mild (5-9) Moderate (10-14) Severe (15-21) |  |  |  |
| 63 (23.9) | 32 (31.7) | 97 (26.4) |
| 58 (22.0) | 22 (21.8) | 80 (21.7) |
| 72 (27.3) | 20 (19.8) | 93 (25.3) |
| 71 (26.9) | 27 (26.7) | 98 (26.6) |
| PHQ-9 None (0-4) Mild (5-9) Moderate (10-14) Mod-severe (15-19) Severe (20-27) | *n=263* | *n=101* | *n=367* |
| 29 (11.0) | 17 (16.8) | 47 (12.8) |
| 61 (23.2) | 22 (21.8) | 84 (22.9) |
| 68 (25.9) | 20 (19.8) | 88 (24.0) |
| 59 (22.4) | 26 (25.7) | 85 (23.2) |
| 46 (17.5) | 16 (15.8) | 63 (17.2) |
| CORE-10 Healthy (0-4) Low level (5-10) Mild (11-14) Moderate (15-19) Mod-severe (20-24) Severe (25+) |  |  |  |
| 2 (0.8) | 0 (0.0) | 2 (0.5) |
| 36 (13.6) | 13 (12.9) | 49 (13.3) |
| 39 (14.8) | 22 (21.8) | 63 (17.1) |
| 67 (25.4) | 30 (29.7) | 97 (26.4) |
| 64 (24.2) | 19 (18.8) | 84 (22.8) |
| 56 (21.2) | 17 (16.8) | 73 (19.8) |