**Additional file 1**: Normality of collected dataset and distribution of the score of nonclinical group and clinical group

| Mental problems | PHQ-9 Mean (SD) | GAD-7 Mean (SD) | ASRS Mean (SD) | FMPS Mean (SD) | API Mean (SD) | ASHS Mean (SD) |
|----------------|-----------------|-----------------|---------------|----------------|---------------|---------------|
| Depression     | 7.51 (4.93)     | 5.25 (4.34)     | 2.49 (1.56)   | 109.28 (17.36) | 54.28 (12.82) | 4.38 (0.5)    |
| Anxiety        | 1.13 (5.26)     | 1.18 (5.43)     | -0.05 (-0.27) | 0.27 (1.48)    | 0.17 (0.93)   | 0.39 (2.1)    |
| Attention      | -0.94 (-4.7)    | 0.39 (1.19)     | -0.57 (-1.95) | 0.35 (1.12)    |               |               |

**Table 1 Normality of collected scores of mental health dimensions from participants**

**Figure 1 Score distribution of nonclinical group and clinical group**