### Supplementary data: Score of PANSS in ARAS patients

|                           | Mean  | Standard deviation |
|---------------------------|-------|--------------------|
| **Delusions**             | 3.64  | 1.20               |
| **Conceptual disorganization** | 1.99  | 1.04               |
| **Hallucinations**        | 2.93  | 1.35               |
| **Excitement**            | 1.88  | 1.21               |
| **Grandiosity**           | 1.96  | 1.22               |
| **Suspiciousness/persecution** | 3.14  | 1.24               |
| **Hostility**             | 2.15  | 1.17               |
| **Negative scale**        |       |                    |
| Blunted affect            | 2.02  | 1.10               |
| Emotional withdrawal      | 1.97  | 0.95               |
| Poor rapport              | 1.79  | 0.95               |
| Passive/apathetic social withdrawal | 2.05  | 1.14               |
| Difficulty in abstract thinking | 2.28  | 1.11               |
| Lack of spontaneity and flow of conversation | 1.46  | 0.69               |
| Stereotyped thinking      | 1.28  | 0.62               |
| **General psychopathology** |     |                    |
| Somatic concern           | 1.38  | 0.76               |
| Anxiety                   | 1.84  | 1.02               |
| Guilt feelings            | 1.75  | 0.96               |
| Tension                   | 1.44  | 0.72               |
| Mannerisms and posturing  | 1.18  | 0.51               |
| Depression                | 1.96  | 1.12               |
| Motor retardation         | 1.48  | 0.74               |
| Uncooperativeness         | 1.57  | 0.89               |
| Unusual thought content   | 1.94  | 1.26               |
| Disorientation            | 1.48  | 0.82               |
| Poor attention            | 1.69  | 0.90               |
| Lack of judgment and insight | 2.51  | 1.29               |
| Disturbance of volition   | 1.82  | 0.84               |
| Poor impulse control      | 1.61  | 1.00               |
| Preoccupation             | 1.46  | 0.77               |
| Active social avoidance   | 1.92  | 1.11               |