

Table 1. Uncorrelated PANSS Score Matrix (UPSM™) Used to Generate Transformed PANSS Factor Scores

| PANSS | ITEM | POS | DIS | NEG | HOS | DEP/ ANX | POS | DIS | NAA | NDE | HOS | ANX | DEP |
|---------|--------------------------------------------------|-----|-----|-----|-----|-------------|--------|--------|--------|--------|--------|--------|--------|
| PANSS01 | P01 DELUSIONS | 1 | 0 | 0 | 0 | 0 | 0.579 | -0.155 | -0.083 | 0.007 | -0.059 | -0.074 | 0.002 |
| PANSS06 | P06 SUSPICIOUSNESS/PERSECUTION | 1 | 0 | 0 | 0 | 0 | 0.354 | -0.063 | 0.048 | 0.001 | 0.019 | -0.016 | 0.006 |
| PANSS03 | P03 HALLUCINATORY BEHAVIOR | 1 | 0 | 0 | 0 | 0 | 0.207 | -0.018 | -0.025 | -0.013 | -0.03 | 0 | 0.029 |
| PANSS23 | G09 UNUSUAL THOUGHT CONTENT | 1 | 0 | 0 | 0 | 0 | 0.143 | 0.094 | -0.033 | -0.037 | -0.068 | -0.021 | -0.018 |
| PANSS26 | G12 LACK OF JUDGEMENT AND INSIGHT | 1 | 0 | 0 | 0 | 0 | 0.014 | 0.155 | -0.031 | -0.033 | 0.026 | -0.058 | -0.063 |
| PANSS14 | N07 STEREOTYPED THINKING | 1 | 0 | 0 | 0 | 0 | -0.011 | 0.146 | -0.028 | 0.002 | -0.006 | -0.012 | 0.004 |
| PANSS05 | P05 GRANDIOSITY | 1 | 0 | 0 | 0 | 0 | -0.034 | -0.03 | -0.004 | -0.023 | -0.007 | -0.031 | 0.031 |
| PANSS15 | G01 SOMATIC CONCERN | 1 | 0 | 0 | 0 | 0 | -0.036 | 0.055 | -0.038 | 0.011 | -0.031 | 0.044 | 0.106 |
| PANSS29 | G15 PREOCCUPATION | 0 | 1 | 0 | 0 | 0 | -0.052 | 0.291 | 0.003 | -0.032 | -0.044 | -0.005 | 0.057 |
| PANSS25 | G11 POOR ATTENTION | 0 | 1 | 0 | 0 | 0 | -0.104 | 0.281 | -0.048 | 0.003 | 0.004 | -0.023 | 0.04 |
| PANSS02 | P02 CONCEPTUAL DISORGANIZATION | 0 | 1 | 0 | 0 | 0 | 0.029 | 0.198 | -0.026 | -0.023 | -0.037 | -0.001 | -0.036 |
| PANSS27 | G13 DISTURBANCE OF VOLITION | 0 | 1 | 0 | 0 | 0 | -0.057 | 0.187 | -0.014 | 0.058 | -0.015 | -0.037 | 0.046 |
| PANSS12 | N05 DIFFICULTY IN ABSTRACT THINKING | 0 | 1 | 0 | 0 | 0 | 0.004 | 0.106 | 0.026 | -0.03 | -0.013 | 0.01 | -0.069 |
| PANSS19 | G05 MANNERISMS AND POSTURING | 0 | 1 | 0 | 0 | 0 | -0.046 | 0.049 | -0.032 | 0.103 | -0.014 | 0.029 | -0.044 |
| PANSS24 | G10 DISORIENTATION | 0 | 1 | 0 | 0 | 0 | -0.038 | -0.032 | -0.026 | -0.018 | -0.027 | -0.021 | -0.018 |
| PANSS11 | N04 PASSIVE/APATHETIC SOCIAL WITHDRAWAL | 0 | 0 | 1 | 0 | 0 | -0.094 | -0.086 | 0.461 | -0.029 | -0.019 | -0.019 | -0.013 |
| PANSS09 | N02 EMOTIONAL WITHDRAWAL | 0 | 0 | 1 | 0 | 0 | -0.032 | -0.024 | 0.332 | -0.023 | -0.051 | -0.015 | 0.011 |
| PANSS30 | G16 ACTIVE SOCIAL AVOIDANCE | 0 | 0 | 1 | 0 | 0 | -0.011 | -0.001 | 0.286 | -0.061 | 0.018 | -0.03 | 0.037 |
| PANSS21 | G07 MOTOR RETARDATION | 0 | 0 | 1 | 0 | 0 | -0.035 | -0.037 | -0.078 | 0.441 | -0.007 | -0.019 | 0.046 |
| PANSS13 | N06 LACK OF SPONTANEITY AND FLOW OF CONVERSATION | 0 | 0 | 1 | 0 | 0 | 0.004 | 0.005 | 0.001 | 0.258 | -0.009 | 0.019 | -0.104 |
| PANSS08 | N01 BLUNTED AFFECT | 0 | 0 | 1 | 0 | 0 | -0.005 | -0.029 | 0.057 | 0.247 | -0.039 | 0.019 | -0.009 |
| PANSS10 | N03 POOR RAPPORT | 0 | 0 | 1 | 0 | 0 | -0.074 | -0.04 | -0.01 | 0.016 | 0.025 | -0.018 | -0.017 |
| PANSS07 | P07 HOSTILITY | 0 | 0 | 0 | 1 | 0 | -0.038 | -0.177 | -0.03 | 0.031 | 0.503 | -0.1 | 0.057 |
| PANSS22 | G08 UNCOOPERATIVENESS | 0 | 0 | 0 | 1 | 0 | -0.08 | 0.033 | -0.009 | -0.02 | 0.286 | -0.057 | -0.053 |
| PANSS28 | G14 POOR IMPULSE CONTROL | 0 | 0 | 0 | 1 | 0 | -0.075 | 0.017 | -0.027 | -0.003 | 0.255 | -0.02 | -0.008 |
| PANSS04 | P04 EXCITEMENT | 0 | 0 | 0 | 1 | 0 | -0.034 | 0.012 | 0.001 | -0.072 | 0.138 | 0.111 | -0.105 |
| PANSS18 | G04 TENSION | 0 | 0 | 0 | 0 | 1 | -0.093 | -0.033 | -0.013 | 0.023 | -0.029 | 0.512 | -0.031 |
| PANSS16 | G02 ANXIETY | 0 | 0 | 0 | 0 | 1 | -0.033 | -0.082 | -0.033 | -0.053 | -0.039 | 0.458 | 0.12 |
| PANSS20 | G06 DEPRESSION | 0 | 0 | 0 | 0 | 1 | -0.034 | -0.069 | -0.041 | 0.038 | 0.004 | -0.064 | 0.451 |
| PANSS17 | G03 GUILT FEELINGS | 0 | 0 | 0 | 0 | 1 | -0.037 | 0 | -0.002 | -0.041 | -0.027 | -0.025 | 0.246 |