The final logistic regression nonremission prediction model specification. We now provide mean and standard deviation values to allow the transformation of the predictor variables to Z-scores for their use in the model. This was omitted from the original published paper but is required to apply the model to new patients.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Values to transform to Z-score** | **Unadjusted Final Model** | | **Adjusted Final Model**  **(Shrinkage Factor = 0.84)** | |
| **Mean (SD)** | **β Coefficient**  **(95% CI)** | **Odds Ratio**  **(95% CI)** | **β Coefficient** | **Odds Ratio** |
| Intercept |  | 0.022  (-0.334, 0.379) |  | 0.029 |  |
| Male Sex  (1 or 0) | N/A | 0.259  (-0.129, 0.646) | 1.295 (0.879, 1.908) | 0.217 | 1.242 |
| Age at Study Entry | 22.51 (4.887) | -0.037  (-0.210, 0.137) | 0.964 (0.810, 1.147) | -0.031 | 0.970 |
| Past Drug Use  (1 or 0) | N/A | -0.101  (-0.478, 0.277) | 0.904 (0.620, 1.319) | -0.084 | 0.919 |
| DUP (days) | 307.5 (632.3) | 0.546  (0.255, 0.838) | 1.727 (1.291, 2.311) | 0.460 | 1.581 |
| PAS Highest Functioning Achieved | 1.745 (1.446) | 0.427 (0.241, 0.613) | 1.533 (1.273, 1.847) | 0.358 | 1.431 |
| PANSS P1 Delusions | 2.828 (1.683) | 0.060 (-0.166, 0.287) | 1.062 (0.847, 1.332) | 0.051 | 1.052 |
| PANSS P2 Conceptual Disorganization | 1.945 (1.254) | -0.359 (-0.568, -0.151) | 0.698 (0.567, 0.860) | -0.301 | 0.740 |
| PANSS P3 Hallucinatory Behavior | 2.931 (1.686) | 0.543 (0.334, 0.753) | 1.722 (1.396, 2.123) | 0.455 | 1.577 |
| PANSS N4 Passive Social Withdrawal | 2.68  (1.576) | 0.346 (0.146, 0.545) | 1.413 (1.157, 1.725) | 0.290 | 1.336 |
| PANSS G6 Depression | 3.229 (1.681) | -0.198 (-0.398, 0.002) | 0.820 (0.672, 1.002) | -0.166 | 0.847 |
| Insight Scale – Nervous or Mental Illness | 1.288 (0.7951) | -0.075 (-0.263, 0.114) | 0.928 (0.768, 1.121) | -0.062 | 0.940 |
| GAF Symptoms | 51.48 (16.72) | -0.272 (-0.540, -0.005) | 0.762 (0.583, 0.995) | -0.228 | 0.780 |
| GAF Disability | 53.27 (15.58) | -0.019 (-0.267, 0.229) | 0.981 (0.765, 1.257) | -0.016 | 0.984 |
| Average Deprivation Score in Patient’s PCT | 27.27  (12.22) | 0.221 (0.029, 0.414) | 1.248 (1.029, 1.513) | 0.185 | 1.204 |

DUP = duration of untreated psychosis; PAS = premorbid adjustment scale; PANSS = Positive and Negative Syndrome Scale; GAF = Global Assessment of Functioning; PCT = Primary Care Trust; N/A = not applicable