**Appendix Table 3** Results of meta-regression analyses of longer-term instrument samples examining AUCs to pre-specified study- and sample-related variables

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Number of samples (k)** | **Beta coefficient (*β*)** | **95% confidence intervals** | **Significance (*p*)** |
| *Gender* | 25 | 0.0002 | -0.0015 – 0.0019 | 0.81 |
| *Sample size* | 25 | 0.0004 | -0.0010 – 0.0019 | 0.56 |
| *Mean age* | 12 | -0.0484 | -0.1035 – 0.0067 | 0.08 |
| *Temporal design a* | 25 | -0.0431 | -0.1201 – 0.0338 | 0.26 |
| *Tool type b* | 25 | 0.1075 | -0.0454 – 0.2604 | 0.16 |
| *Violent outcome c* | 25 | -0.0448 | -0.2432 – 0.2537 | 0.65 |
| *Psychotic diagnosis* | 9 | 0.0016 | -0.0089 – 0.0121 | 0.73 |
| *Personality disorder diagnosis* | 6 | 0.0022 | -0.0085 – 0.0129 | 0.60 |
| *Violent index offence* | 9 | 0.0039 | -0.0171 – 0.0248 | 0.68 |
| *Follow-up period* | 23 | 0.0001 | -0.0002 – 0.0004 | 0.49 |

a Prospective design coded as 1; pseudo-prospective coded as 2; retrospective coded as 3

b Actuarial tool coded as 1; structured professional judgement tool coded as 2

c Violent outcome including verbal aggression coded as 1; violent outcome only including interpersonal physical violence coded as 2