**Appendix Table 2** Median accuracy estimates and interquartile ranges for each violence risk assessment instrument

|  |  |
| --- | --- |
| ***Sample used in meta-analysis (k=35)*** | ***Wider Sample (k=78)*** |
|  | *No. of studies* | *Sensitivity* | *Specificity* | *PPV* | *NPV* | *DOR* | *No. of studies* | *AUC a* |
| *BVC* | 3 | 0.66 (0.41-0.80) | 1.00 (0.76-1.00) | 0.37 (0.25-0.68) | 0.99 (0.78-0.99) | 43.1 (29.6-56.6) *c* | 5 | 0.83 (0.75-0.87) |
| *COVR* | 3 | 0.73 (0.49-0.73) | 0.75 (0.69-0.76) | 0.50 (0.38-0.64) | 0.73 (0.61-0.83) | 4.5 (2.8-6.8) | 3 | 0.73 (0.34-0.79) |
| *DASA* | 3 | 0.73 (0.43-0.75) | 0.98 (0.90-0.99) | 0.35 (0.20-0.63) | 0.99 (0.97-1.00) | 10.9 (9.8-12.1)  *c* | 5 | 0.83 (0.65-0.90) |
| *HCR-20* | 13 | 0.78 (0.56-1.00) | 0.71 (0.56-0.76) | 0.31 (0.26-0.56) | 0.94 (0.75-1.00) | 3.6 (1.9-4.5) | 27 | 0.70 (0.62-0.80) |
| *PCL-R* | 4 | 0.53 (0.45-0.63) | 0.60 (0.38-0.81) | 0.72 (0.63-0.82) | 0.55 (0.43-0.70) | 1.1 (1.1-2.1) | 10 | 0.64 (0.61-0.69) |
| *PCL:SV* | 1 | - *b* | 7 | 0.68 (0.54-0.72) |
| *START* | 3 | 0.81 (0.78-0.89) | 0.60 (0.55-0.68) | 0.52 (0.44-0.62) | 0.86 (0.82-0.92) | 9.0 (7.8-17.0) | 8 | 0.81 (0.69-0.88) |
| *VRAG* | 4 | 0.91 (0.78-1.00) | 0.06 (0.00-0.12) | 0.66 (0.55-0.79) | 0.08 (0.00-0.37) | 0.6 (0.3-0.8) | 9 | 0.63 (0.57-0.64) |
| *VRS* | 1 | - *b* | 4 | 0.63 (0.50-0.69) |

*a* Median AUCs calculated using wider sample

*b* Only two samples or fewer, so median or interquartile ranges only given for AUC using wider sample

*c* Based on only two, of three, samples