

Tools for Safe and Smart Bail System Changes: Pretrial Assessments

Blog post by Lisel Petis dated July 20, 2023

View the blog post [here](#).

Assessment Name	Validation Studies
PSA	<ul style="list-style-type: none"> Validated several times as “sufficiently predictive” Data from six jurisdictions = fair-to-good predictor of pretrial success
COMPAS	<ul style="list-style-type: none"> Original 2010 study <ul style="list-style-type: none"> Generally high accuracy in predicting pretrial outcomes Some inaccuracy in predicting future violence Did not look at AUC data Further study = good AUC results
PTRA	<ul style="list-style-type: none"> Validated several times Recent studies include more pretrial violation types, defendant subcategories Most recent study = good-to-excellent predictor of pretrial success
ORAS	<ul style="list-style-type: none"> Original validation study sampled a small set of cases (452) <ul style="list-style-type: none"> Found that the tool successfully predicted recidivism Did not look at failure to appear Did not distinguish between new violent criminal activity and other activity Additional research and validation studies = fair-to-good predictor of pretrial outcomes (including new cases and failures to appear)
VPRAI/VPRAI-R	<ul style="list-style-type: none"> Updated after a 2009 validation study found insignificant predictors Revised in 2016 after a study showed no significant difference in prediction between certain risk categories A 2022 study found both updated and revised tools Good-to-excellent predictors of pretrial outcomes (update had slightly better results)
CPAT/CPAT-R	<ul style="list-style-type: none"> Revised in 2020 Follow-up validation study showed increased predictive score (fair to good)