

UNIVERSITY OF
NORTHERN COLORADO

Performance for Pretrial Outcomes – Test Data

Table 1: CPAT & CPAT-R Preliminary Validation – Test Data

Pretrial Outcome	CPAT: AUC (Confidence Interval)	CPAT-R: AUC (Confidence Interval)
New Arrest or FTA – at all	.58* (.56 - .60)	.72* (.69 - .75)
FTA – at all	.54* (.52 - .56)	.70* (.65 - .75)
FTA – no consequence	.53 (.49 - .57)	.71* (.61 - .80)
FTA – low consequence	.53 (.49 - .56)	.63* (.51 - .75)
FTA – high consequence	.54* (.51 - .56)	.70* (.64 - .76)
New Arrest – at all	.54* (.52 - .57)	.72* (.69 - .75)
New Arrest – violent	.54 (.45 - .63)	.62* (.50 - .74)
New Arrest –DV/order violation	.51 (.45 - .57)	.52 (.43 - .60)
New Arrest – serious	.58* (.54 - .61)	.61* (.56 - .66)
New Arrest – other	.54* (.52 - .57)	.62* (.58 - .66)

Table 2: CPAT-R/FTA & CPAT-R/Recid Preliminary Validation – Test Data

Pretrial Outcome	CPAT: AUC (Confidence Interval)	CPAT-R/FTA: AUC (Confidence Interval)	CPAT-R/Recid: AUC (Confidence Interval)
FTA – at all	.54* (.52 - .56)	.70* (.65 - .75)	n/a
New Arrest – at all	.54* (.52 - .57)	n/a	.71* (.68 - .74)

CPAT-R Risk Assignment and Success Rates

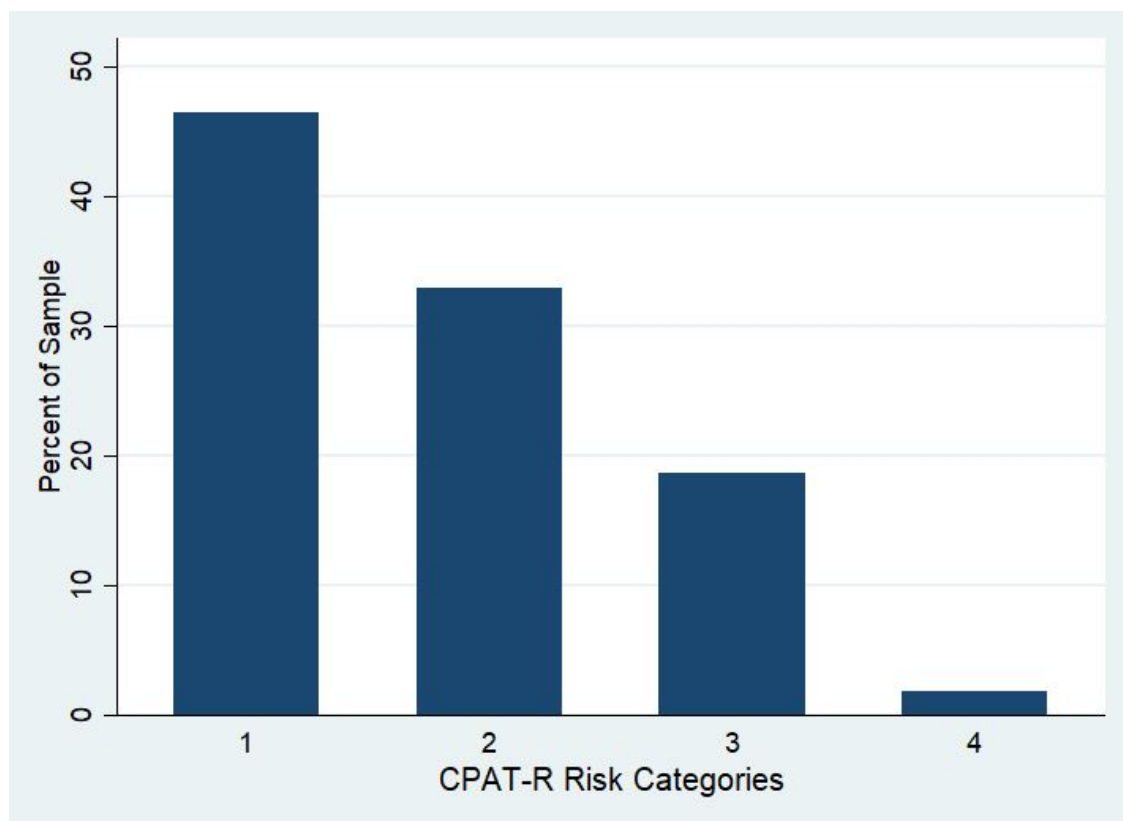


Table 3: CPAT-R Success Rates across Samples

***Outcome = New Arrest or FTA – at all**

	Full	Sample 1- 50%	Sample 2 – 50%	Sample 3 – 50%
Category 1	73.48%	75.50%	74.96%	73.48%
Category 2	41.81%	39.44%	40.89%	41.81%
Category 3	25.10%	28.64%	25.86%	25.10%
Category 4	4.26%	3.70%	9.52%	4.26%
AUC (CI)	.72* (.69 - .75)	.72* (.70 - .75)	.72* (.69 - .75)	.74* (.71 - .77)