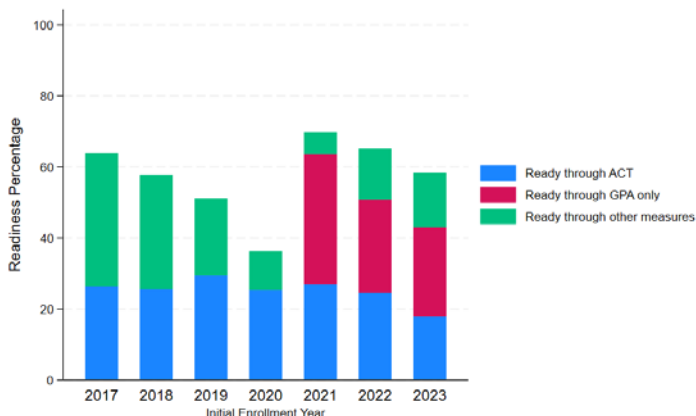


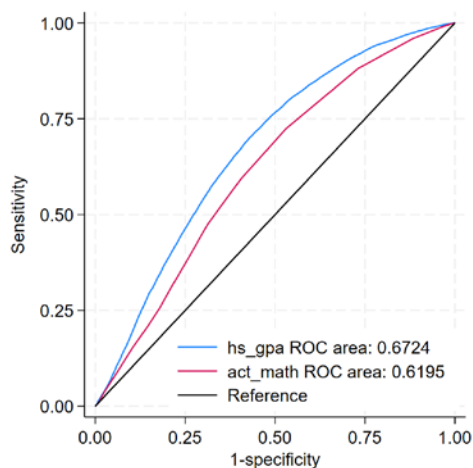
# HS GPA is more predictive of early college success than ACT math score. College math remediation reforms that incorporate HS GPA led to better outcomes.

#2200895: An Evaluation of a Statewide Mathematics Corequisite Developmental Education Reform

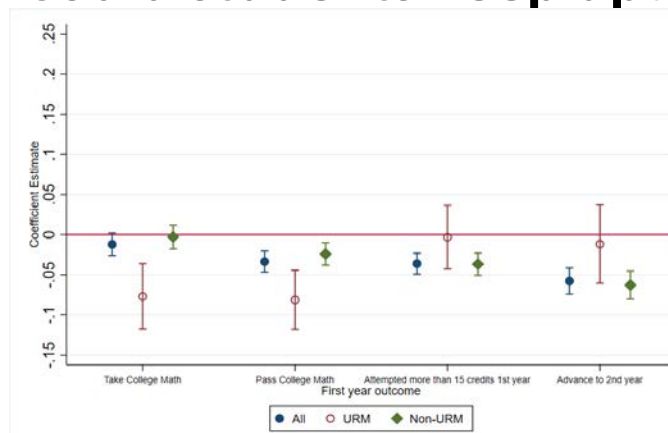
## HS GPA vs ACT



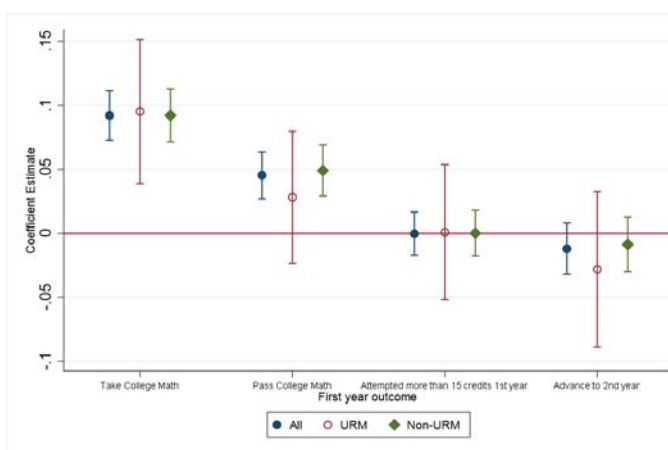
HS GPA is a stronger predictor than ACT math score.



## Could students keep up?



Students with low ACT scores did worse, but they were catching up.



## Methods

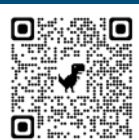
ROC analysis

Event study

- Longitudinal data for all incoming freshmen in a degree program in all 16 KCTCS colleges.
- Receiver operating characteristics analysis.
- Difference-in-differences and event study.

## Next Steps

- Use machine learning to find the optimal combination of measures and cutoffs.
- Estimate the impact of corequisite dev ed.
- Estimate the cost-effectiveness of corequisite.



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← [Project abstract: tinyurl.com/ym4x7vn9](https://tinyurl.com/ym4x7vn9)

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