

Multiple Measures Placement: Part 2

Multiple Measures: Options

Multiple Measures Options

SYSTEMS OR APPROACHES	MEASURES	PLACEMENTS
<ul style="list-style-type: none"> • Algorithm (placement formula) • Decision rules • Decision bands • Directed self-placement 	<p><u>Administered by college:</u></p> <ol style="list-style-type: none"> 1. Traditional or alternative placement tests 2. Non-cognitive assessments 3. <i>Computer skills or career inventory</i> 4. <i>Writing assessments</i> 5. <i>Questionnaire items</i> <p><u>Obtained from elsewhere:</u></p> <ol style="list-style-type: none"> 1. High school GPA 2. Other HS transcript information 3. Standardized test results (e.g., ACT, SAT, AP) 	<ul style="list-style-type: none"> • Placement into traditional courses • Placement into alternative coursework • Placement into support services

Concerns about High School GPA

(with thanks to John Hetts and Brad Bostian)

- How are we going to get the HS GPA?
- High school GPA is only predictive for recent graduates.
- Different high schools grade differently.

Sources of HS Transcript Data

- The students bring a transcript
- The high school sends
- Obtained from state data files
- Self-report

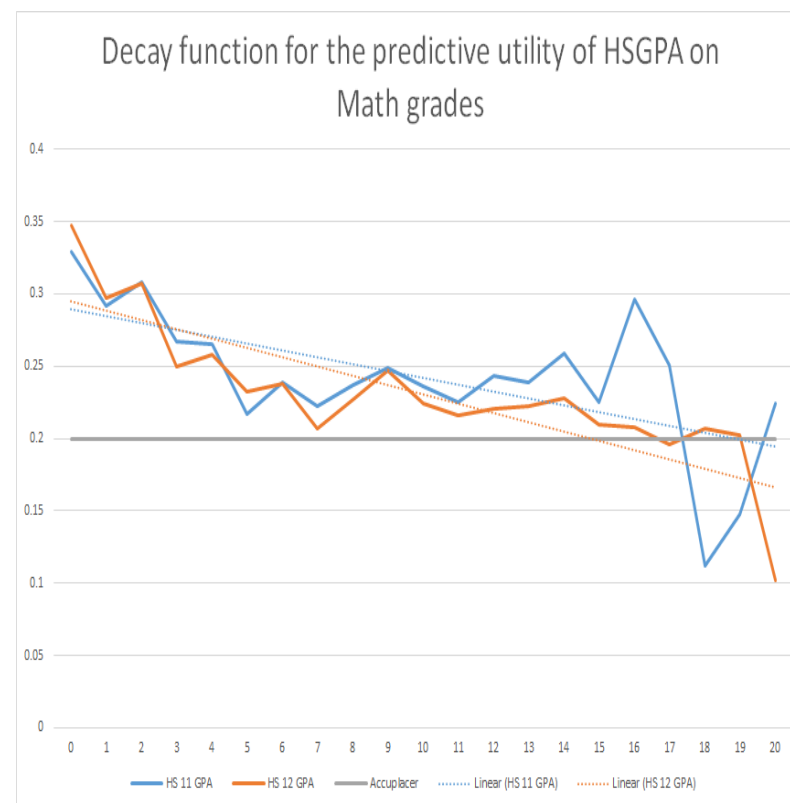
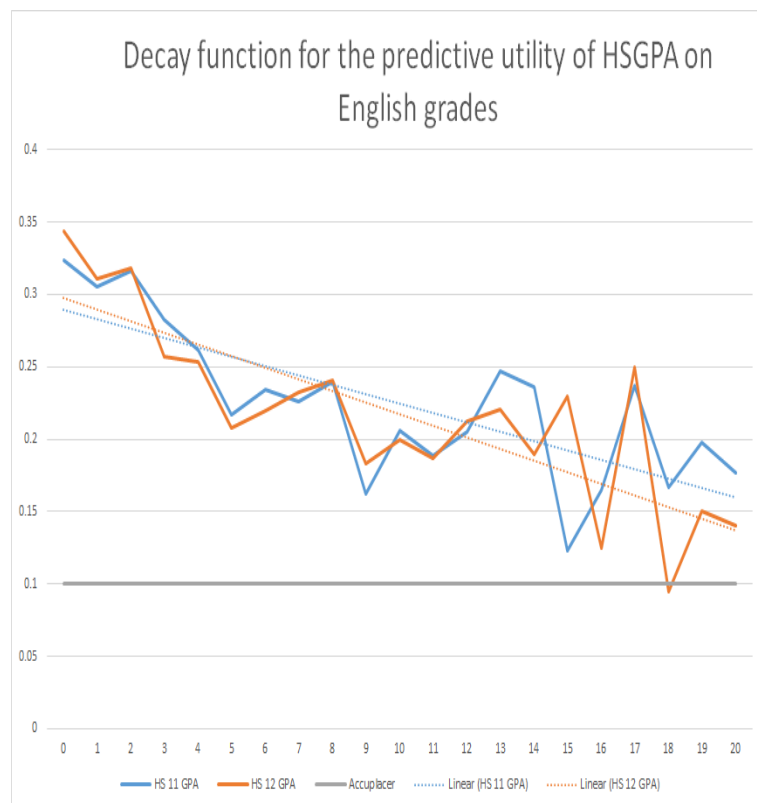
Note: Consider using the 11th grade GPA

Research on Self-Reported GPA

- In 2008, 60,000 students across 9 UC campuses, no campus had >5 discrepancies b/w reported grades and student transcripts (Hetts, 2016)
- “Students are quite accurate in reporting their HSGPA”, $r = .73$. (College Board, 2009)
- ACT research often uses self-reported GPA and generally find it to highly correlate with students’ actual GPAs: $r = .84$. (ACT, 2013)

HS GPA and Time Since Graduation

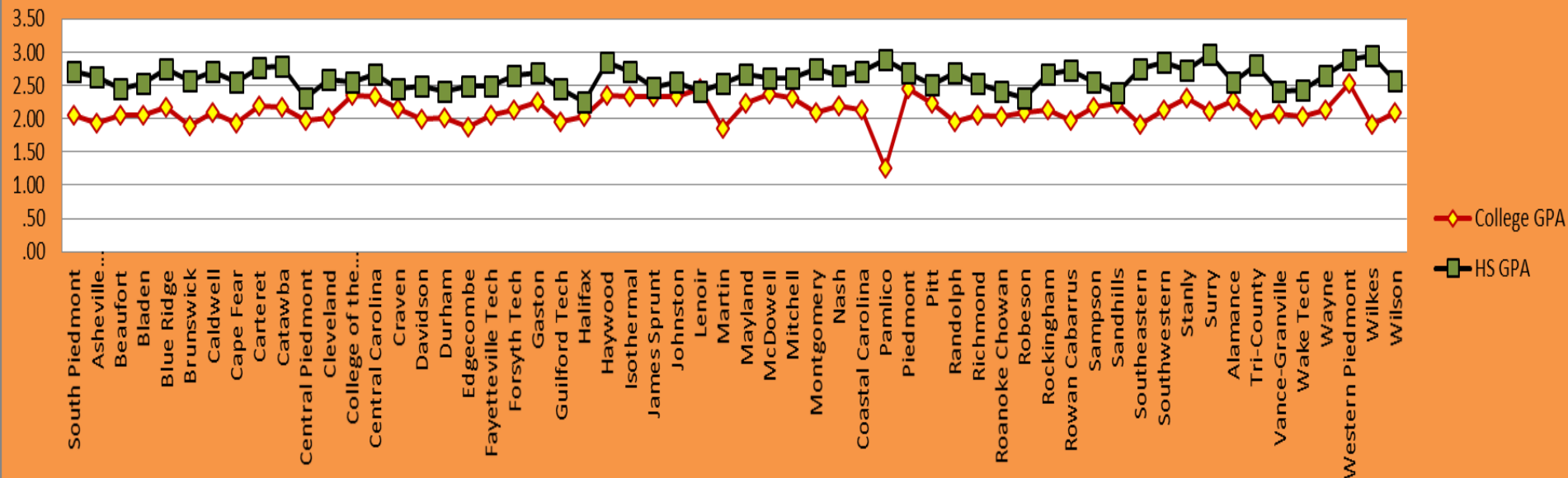
- HS GPA is a better predictor than test results for a long time (Hetts, 2016)



Assessing Predictability of HS GPA by School District

- For the most part, college grades stay parallel with feeder high school grades (Bostian, 2016)

Relationship of High School GPA by School District to College GPA



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Multiple Measures: Building A Placement System

Choosing Placement Criteria

- Internal data analysis
- Prior research
- For measures with less data/research, begin collecting data on a trial basis to learn more about how they correlate with student outcomes

Conclusion

Final Thoughts

- Institutional priorities and goals should motivate re-design
- Use data to establish buy-in and inform decision-making
- Once MMA placements are being administered, monitor the process
- Revise as necessary

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