

Multiple Measure Assessment Project (MMAP)

Cañada Pilot Study

Report to PBC

From Cañada MMAP Team

March 4, 2015

What are Multiple Measures?

- High school transcript data
- High school testing data
- Noncognitive variables (NCVs)/psychometric data
- Survey questions/self-reported data
- ...
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- Historically, multiple measures were not required to be validated
- Does not really make sense to ignore them as they impact placement
- Need to validate impact of entire placement system on students

What is MMAP?

Multiple Measures Assessment Project

- Quantifying students' likelihood of passing any given course in the English and/or math sequence based on academic history/multiple measures
- Looking at noncognitive variables (NCVs) as possible predictors of student success, as well as other downstream uses for NCVs
- Evaluating CCCApply data
- Examining utility (reliability, validity, predictive power) of other **survey questions** and history indicators as multiple measures
- Does not include protected category information as predictors (e.g., gender, age, ethnicity, etc.)

Common Assessment Initiative (CAI)

Common Assessment

- English
- Math
- ESL

Multiple Measures

- Transcripts
- Noncognitive factors
- Survey
- Etc.

Common assessment:

- College's decision on cut score.
- College's decisions weight on Common Assessment and Multiple Measure.
- College has to use Common Assessment to get SSSP funding.

Role of Pilot Colleges:

- **COMPARE** student placements using MMAP analysis to the college's current system
- **TRACK** cohort outcomes after applying multiple measures through the project, with help of MMAP Team and Cal-PASS Plus
- **TEST** placement tools as they are developed with your guidance
- Provide constructive and thoughtful **FEEDBACK** to MMAP and Cal-PASS Plus throughout process.

Cañada Tentative Timeline

- February: Establish Pilot Group; Study data
- March: Establish possible multiple measures; Establish research plan
- April: Implement multiple measures (control group vs. intervention group)
- May-August: Continue collecting data including course success
- December--January: Analyze the results of two groups (control group vs. intervention group)

Our MMAP Team

- How many members will you have?
 - 8-10
- The different college stakeholders that need to be represented
 - Math faculty (1), English Faculty (3-4), Assessment Office, Researcher, Dean of Counseling, Dean of Math and Science, Dean of Humanities, and Dean of PRIE
 - Denise Hum (Math), Yolanda Valenzuela (ENGL), David Clay (ENGL), Kim Huynh (ENGL), Susan Gangel (ENGL), Jeanne Stalker, Tracy Huang, Kim Lopez, Janet Stringer, David Johnson, and Chialin Hsieh

Preliminary Results

- Length between HS graduation and enrolling at Cañada: 4 years
- Majority of HS students came to us with GPA of C or lower.
- Majority of HS students took English or math in their first semester.
- Decision Tree is in progress
- To be continued...