

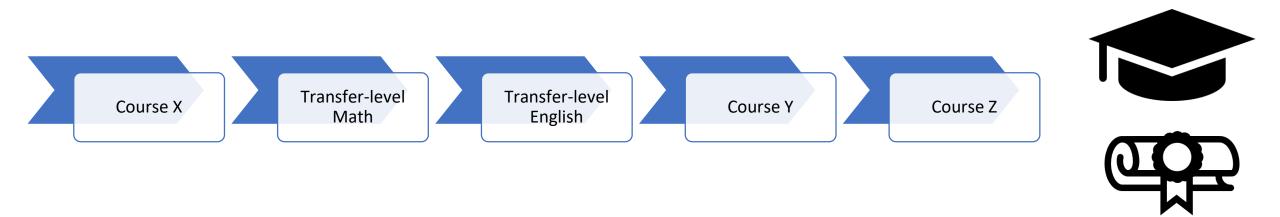
Poll

What is your role at your institution?



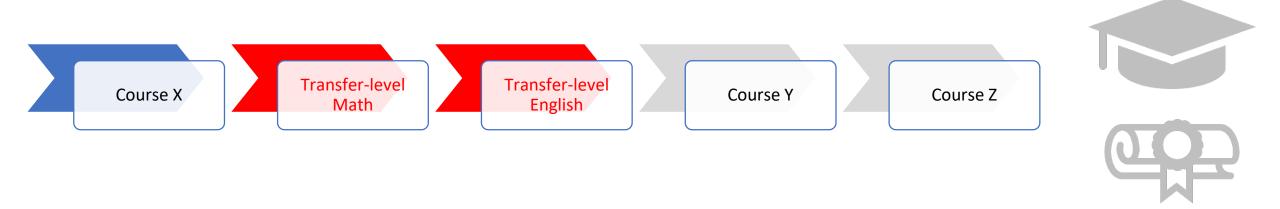
Completion of Program of Study

Degree / Transfer Students

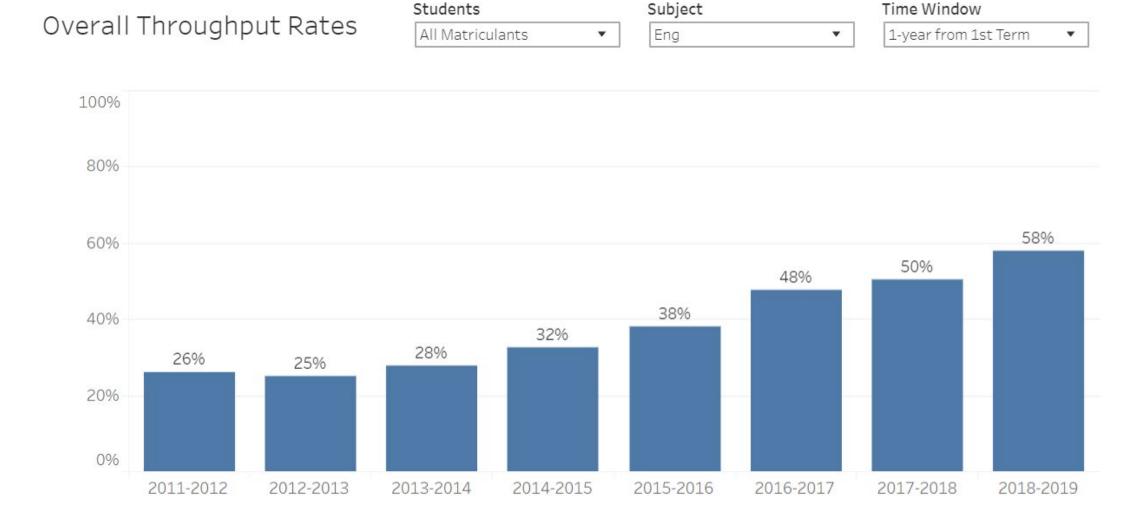


Completion of Program of Study

<u>Degree / Transfer Students</u>



Historically: many students could not complete their program of study because they could not get through transfer-level math and/or English (inequitable placement practices, remediation, etc)



Time Window

Students

Changes: Acceleration, Placement Practices, and AB 705



Goal

Replicate gains of AB 705 for courses in other departments.



Are there any gatekeeper courses in your program/department?

Definition

A <u>gatekeeper</u> course is one in which many students struggle to complete, and, as a result, prevents them from completing a program of study.

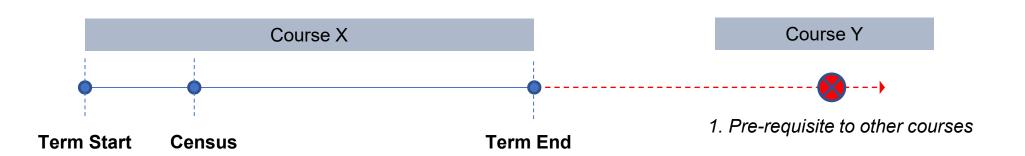
Identifying Potential Gatekeeper Courses

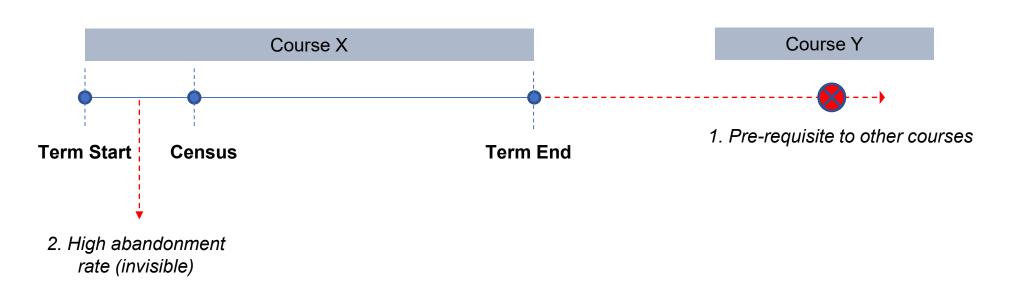
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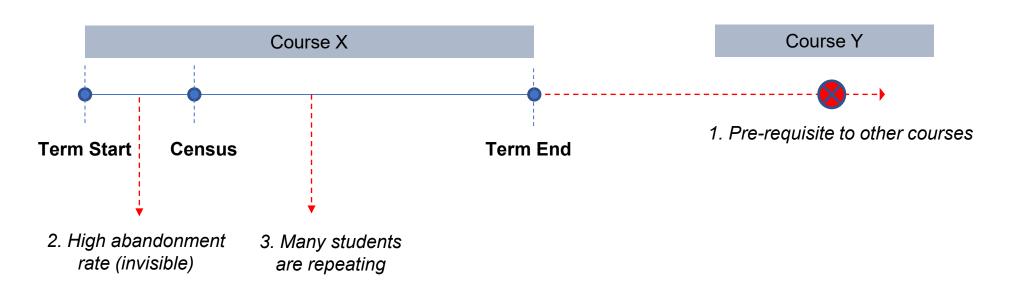
What metrics or outcomes would you look at to identify potential gatekeeper courses?

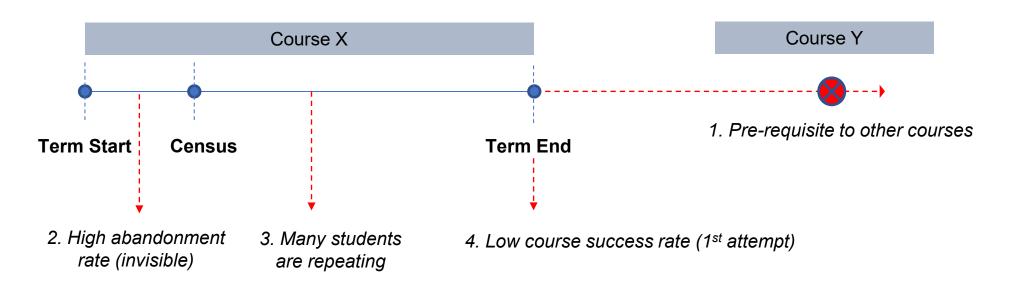




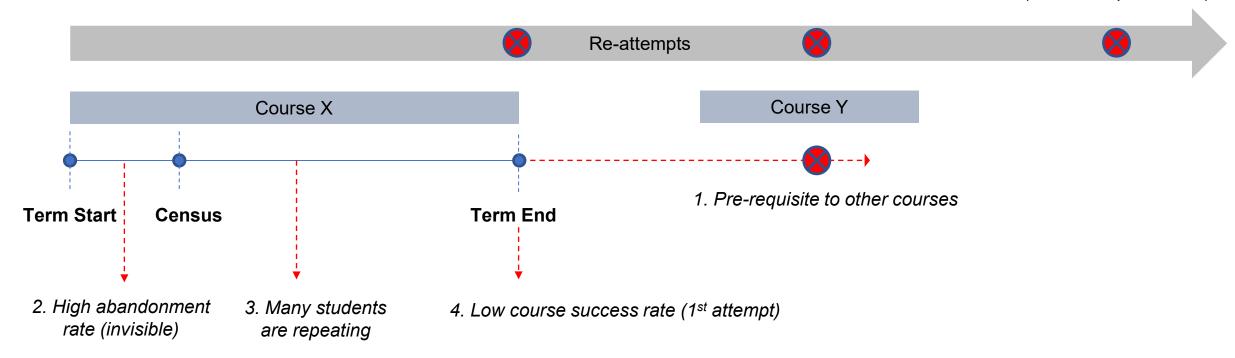




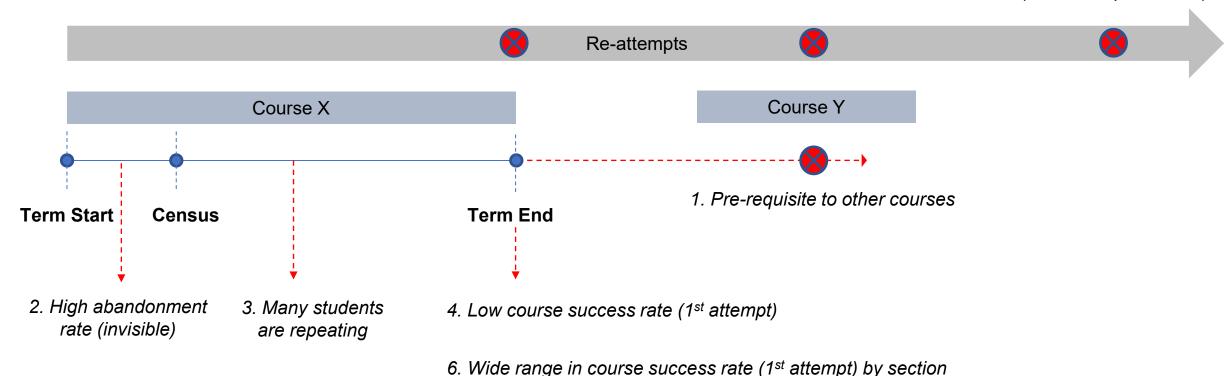




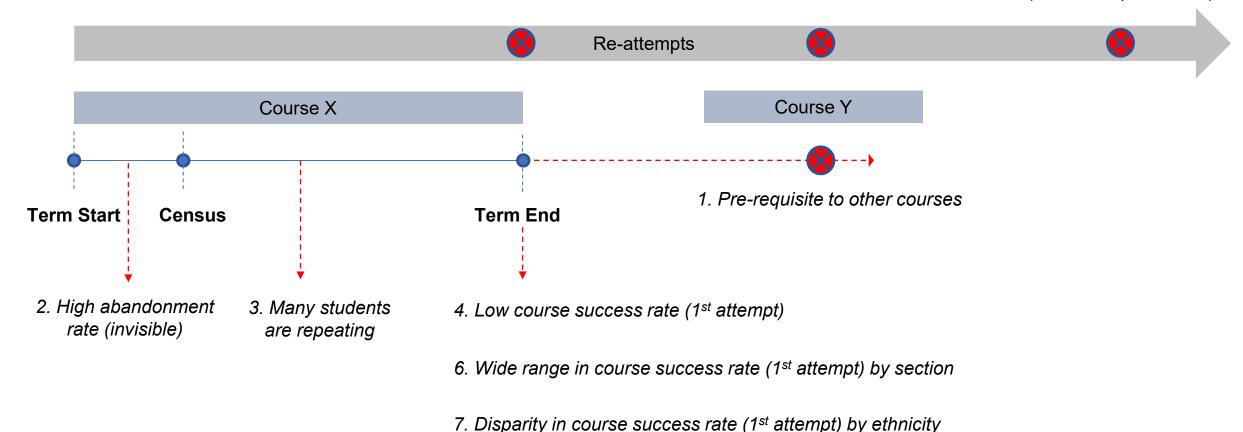
5. Accounting for repeat attempts, completion rate is flat (≈ 1st attempt success)



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How do we identify gatekeeper courses?

- Institutional researchers: expertise in data, but not in curriculum or specific disciplines
- Rely on discipline expert: department chairs and faculty
- Data exploration / reflection activity (PD week, department meetings)
 - 1. Reflection: a'priori hypotheses on gatekeeper courses within department; reasonable thresholds for metrics of interest.
 - Review metrics for each course offered by department: highlight courses with "extreme" values.
 - 3. Inquiry: aha's? Why? What could be done?
 - 4. Immediate action steps

Poll



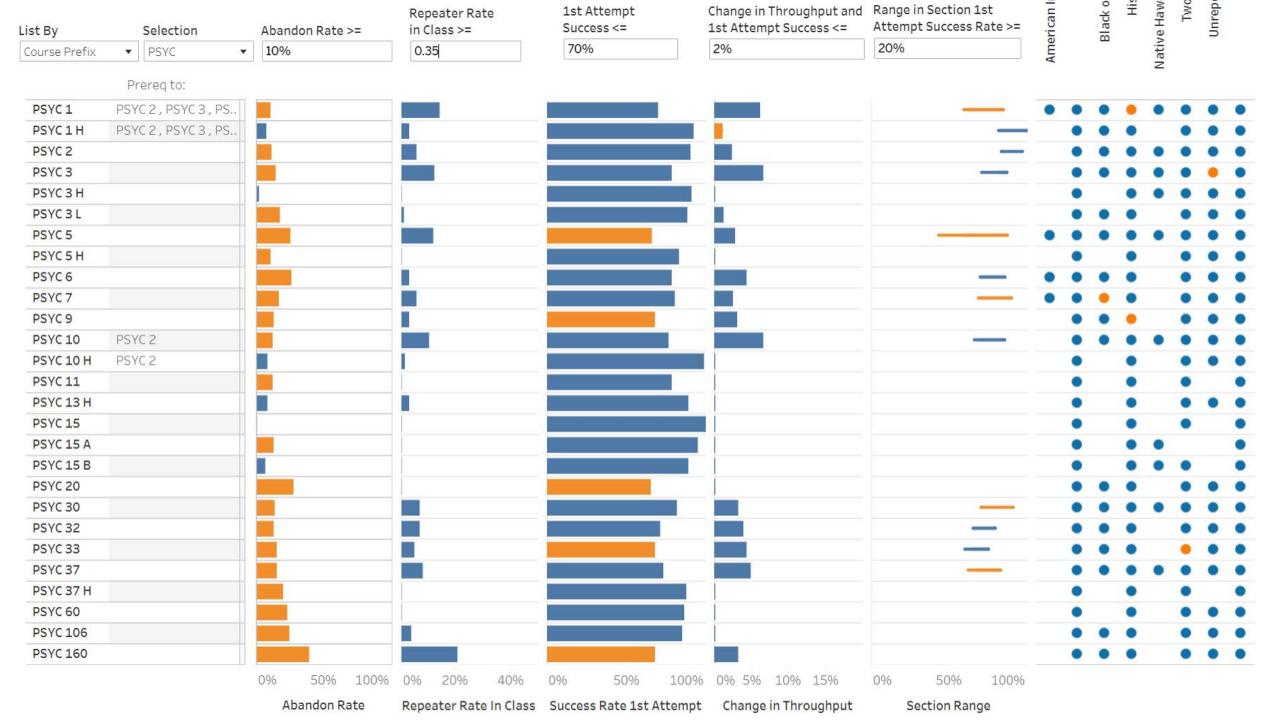
What abandon rate (0-100%) or above would concern you?

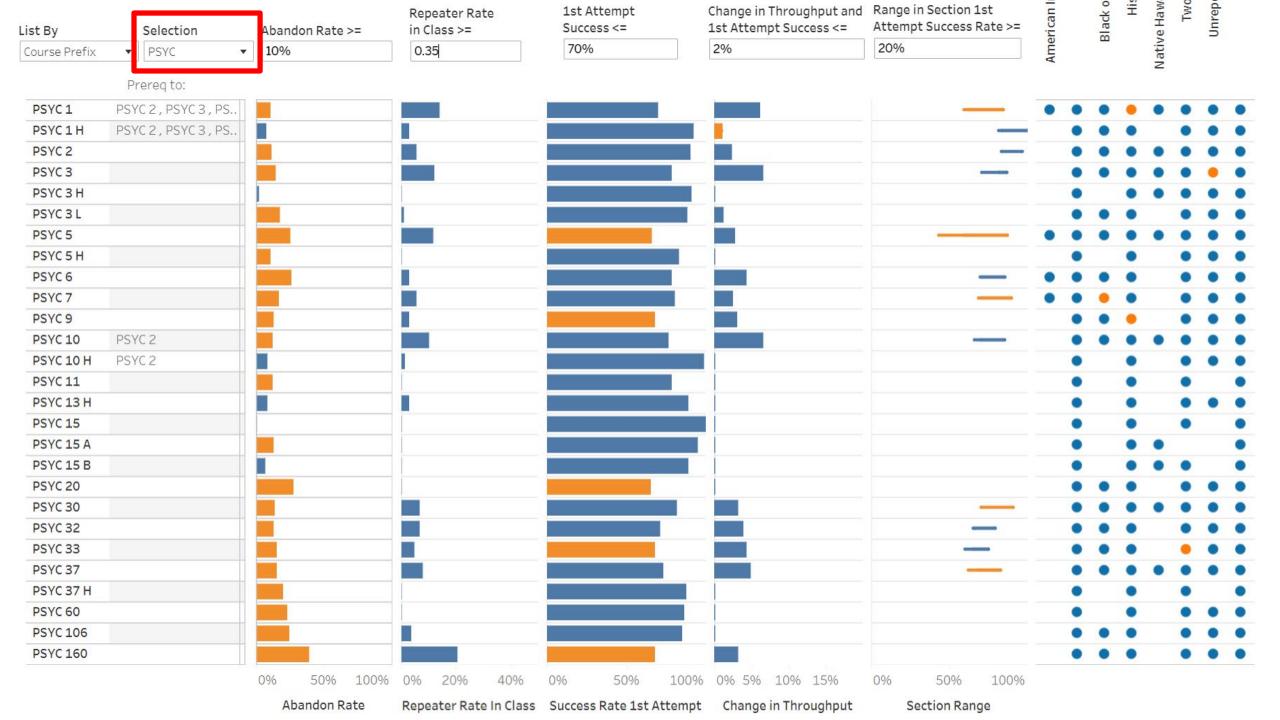
Abandon rate = rate at which students drop a course between the start of class and census, without re-enrolling in a different section of the same course.



Case Study: Psychology Department

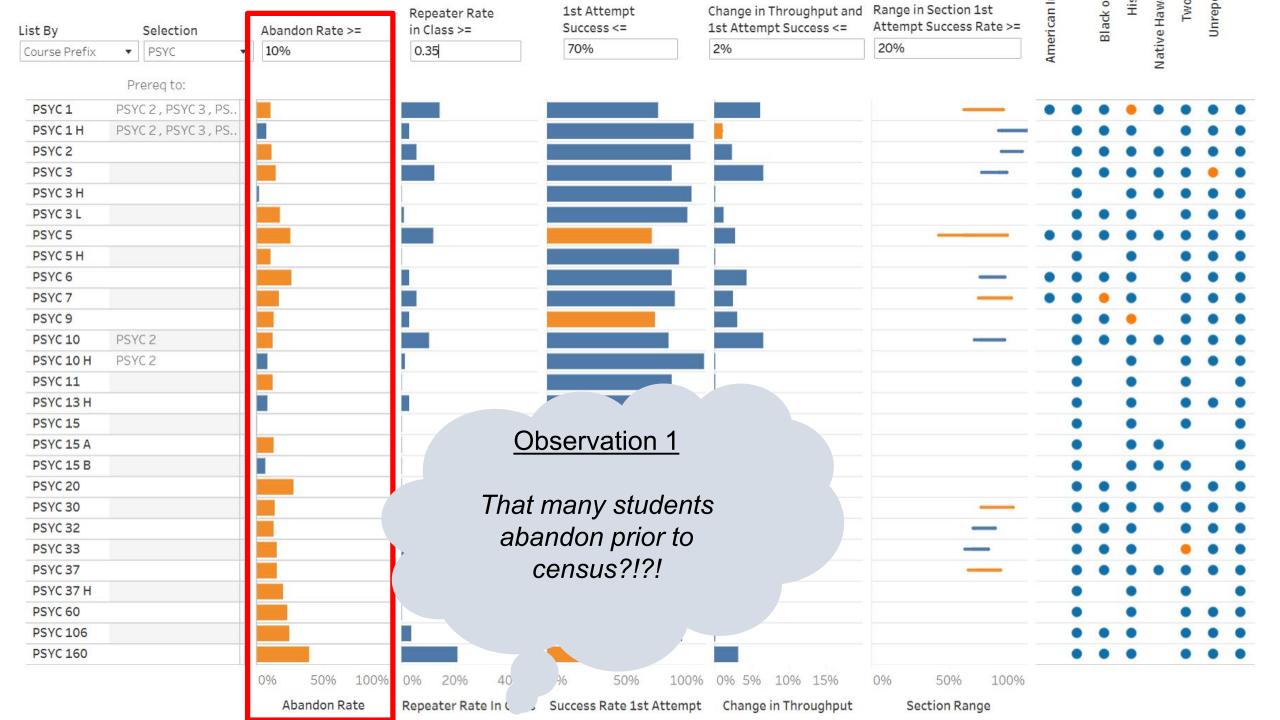
- A'priori hypotheses:
 - PSYC 10 (statistics): required, highly quantitative
 - PSYC 2 (research methods): capstone course
 - Low success rates
- Concern thresholds:
 - Abandon rate: 10%
 - Repeater rate: 35%
 - 1st Attempt Success rate: 70%





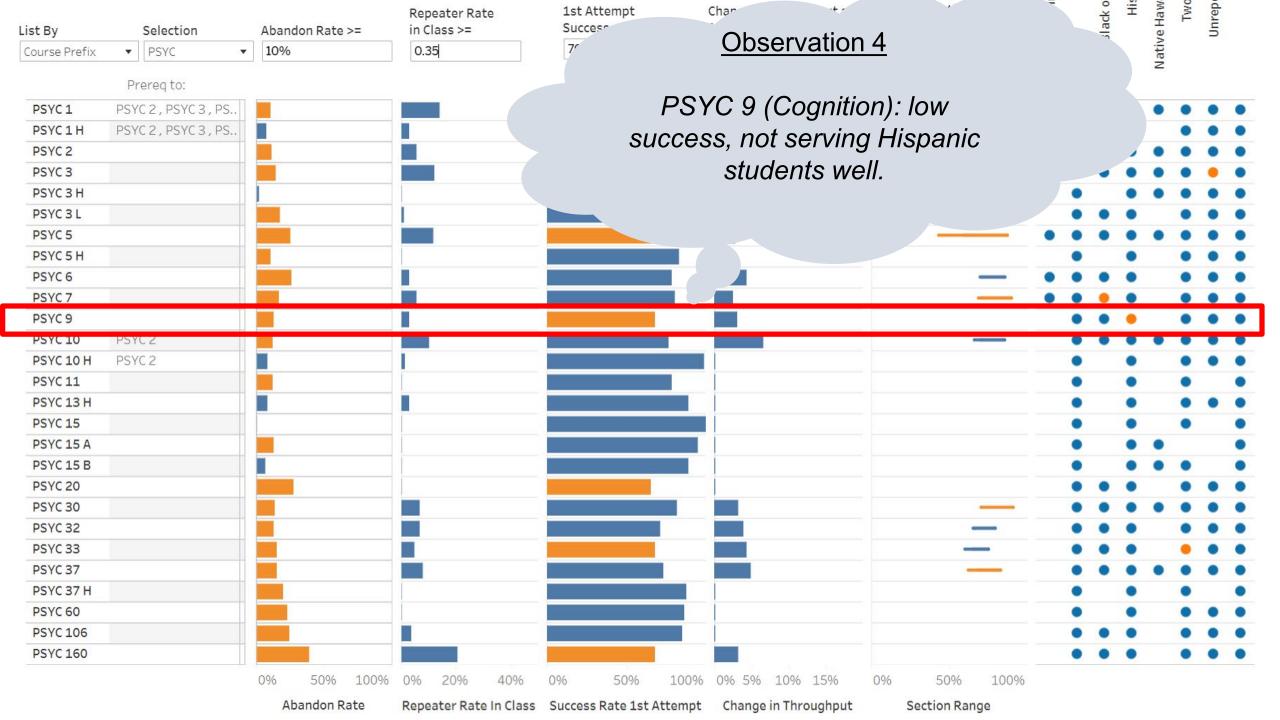


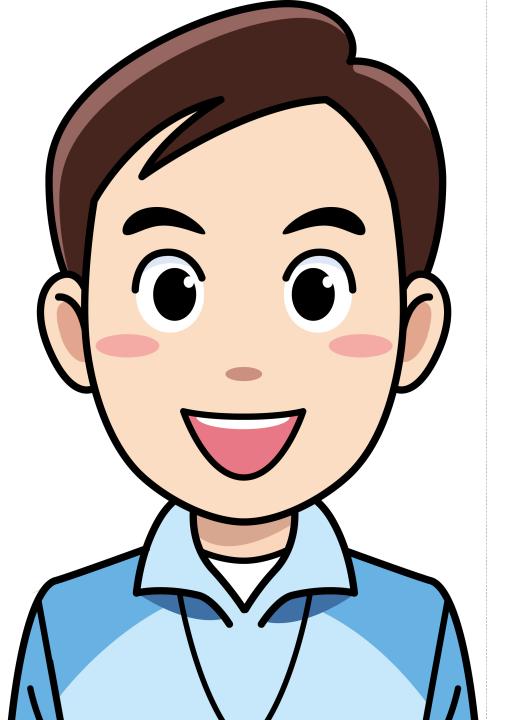












Case Study: Psychology Department

- 1. That many students abandon prior to census?!?!
- Students are doing very well in PSYC 2 and 10! Not a concern...
- 3. PSYC 5 (Human Sexuality): very popular class, but has high abandonment, low success, and wide range in success.
- 4. PSYC 9 (Cognition): low success, not serving Hispanic students well.

Next Steps

1. Investigate outlier sections for PSYC 5.

2. Bring up findings at department meeting to brainstorm ways to fine-tune courses.

Case Study: Psychology Department

- 1. That many students abandon prior to census?!?!
- Students are doing very well in PSYC 2 and 10! Not a concern...
- 3. PSYC 5 (Human Sexuality): very popular class, but has high abandonment, low success, and wide range in success.
- 4. PSYC 9 (Cognition): low success, not serving Hispanic students well.







Now what? (after identification)

CONVERSATION WITHIN DEPARTMENT

FOLLOW-UP DATA INVESTIGATIONS PROFESSIONAL DEVELOPMENT



COMMUNITIES OF PRACTICE



SUPPLEMENTAL INSTRUCTION



RESOURCE REQUEST

Resources

 Gatekeeper Course Exploration activity: <u>https://link.ivc.edu/gatekeeper-activity</u> (Creative Commons Attribution-ShareAlike 4.0 International Public License)



• Additional details about data and dashboard (for institutional researchers):

CAMP-R meeting hosted at Irvine Valley College February 26, 2021

Discussion

- What have you done to try to identify gatekeeper courses at your institution?
- Do you have suggestions on how to increase adoption of such a tool?
- After the "identification" step, what do you think might be effective at increasing completions in these gatekeeper courses?

Thank you!

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