

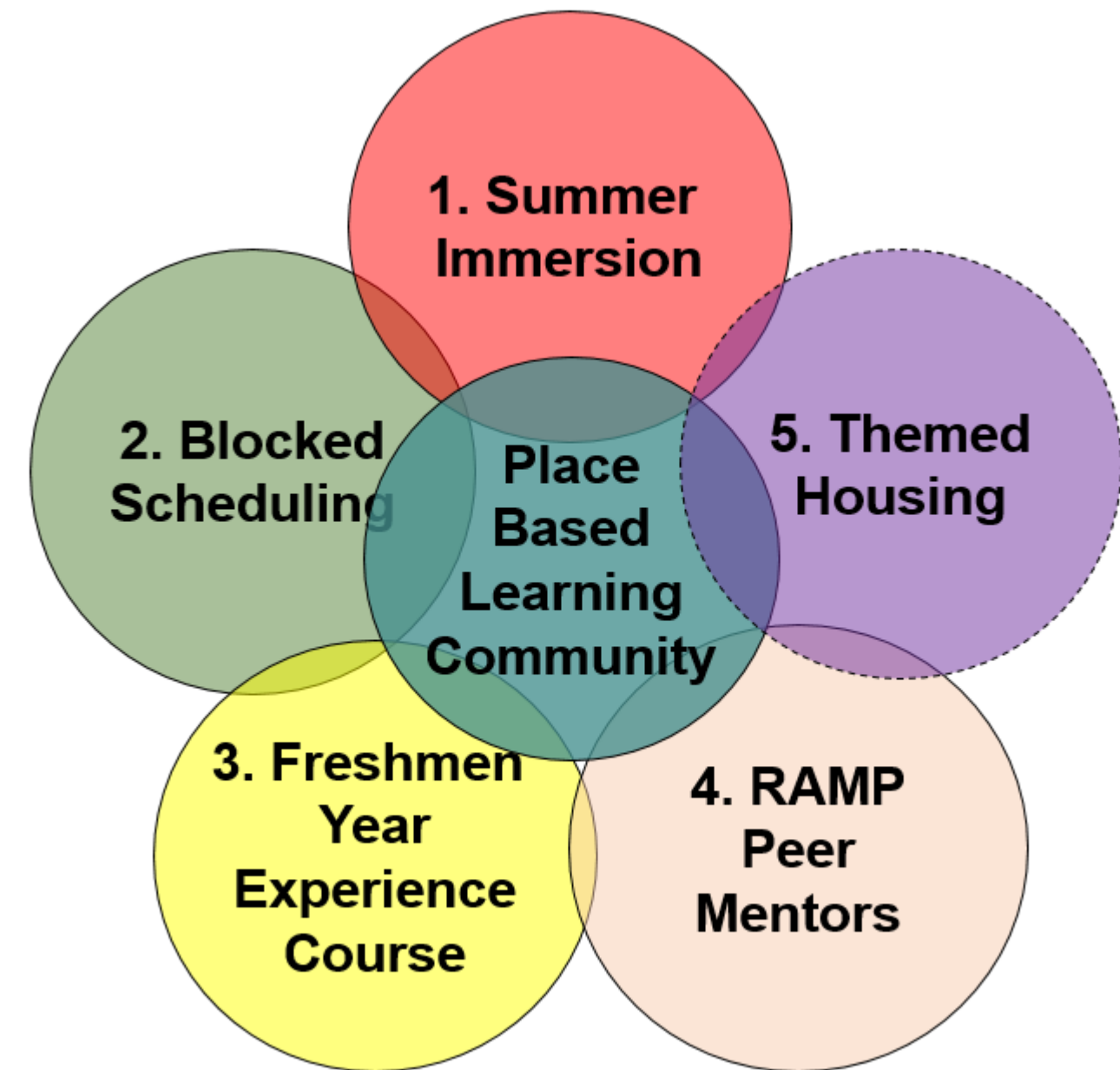
**Brief agenda for 20 Nov 2019; 1-2 pm; SBS 405**  
**HSI STEM Steering Committee**

1. Welcome, outline for today (1-1:05)
2. Deeper dive into retention results (1:05-1:25; Steven and Matt)
3. Update on block scheduling progress, challenges, etc. (1:25-1:35; Kat)
4. Peek at an integrated assignment, Klamath Connection's 'eutrophication experiment' (1:35-1:45; Matt)
5. Announcements & adjourn

# Retention and Graduation

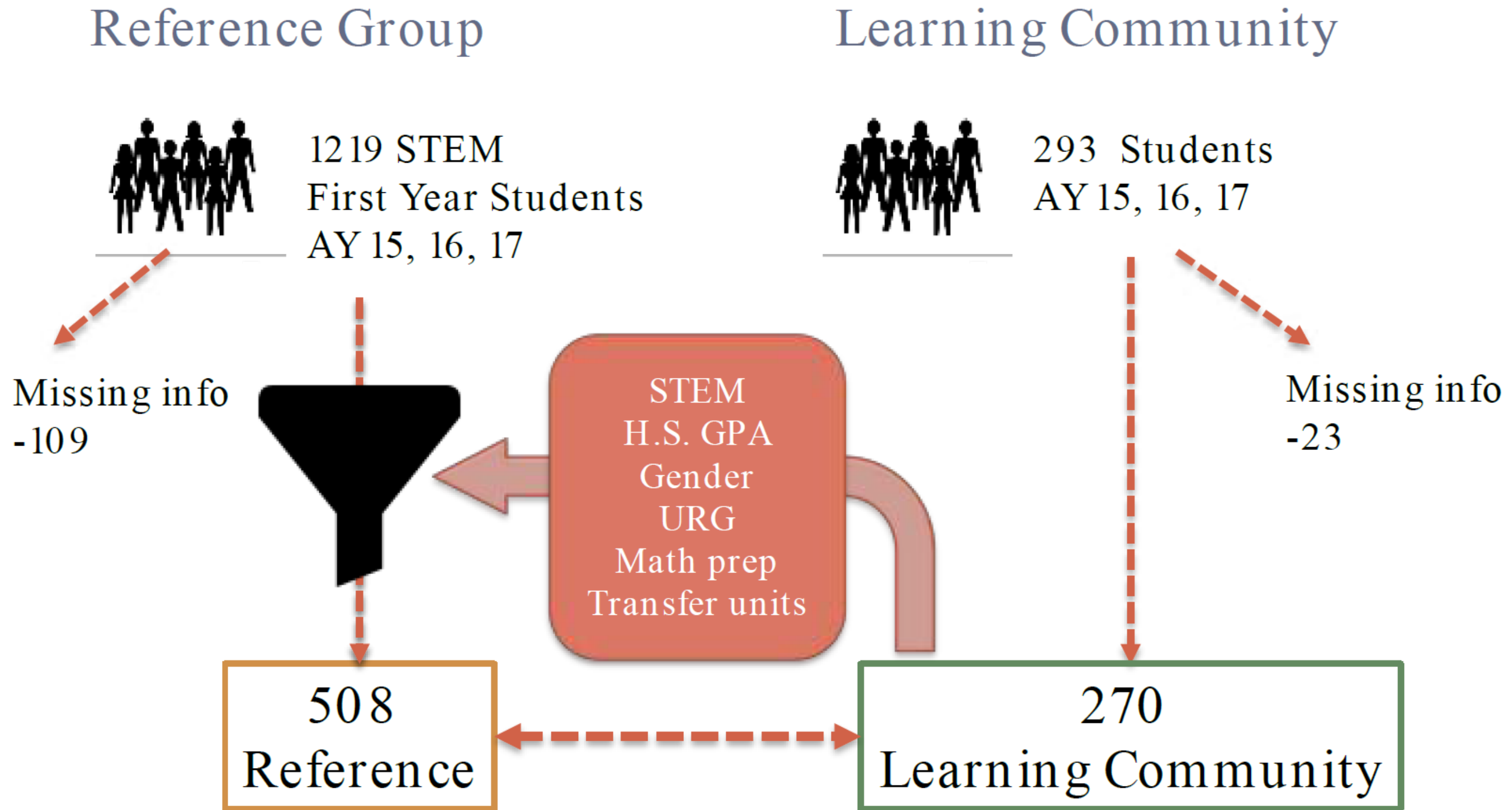
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For Propensity Score Matched  
PBLC and Reference students



# 1. PSM Retention

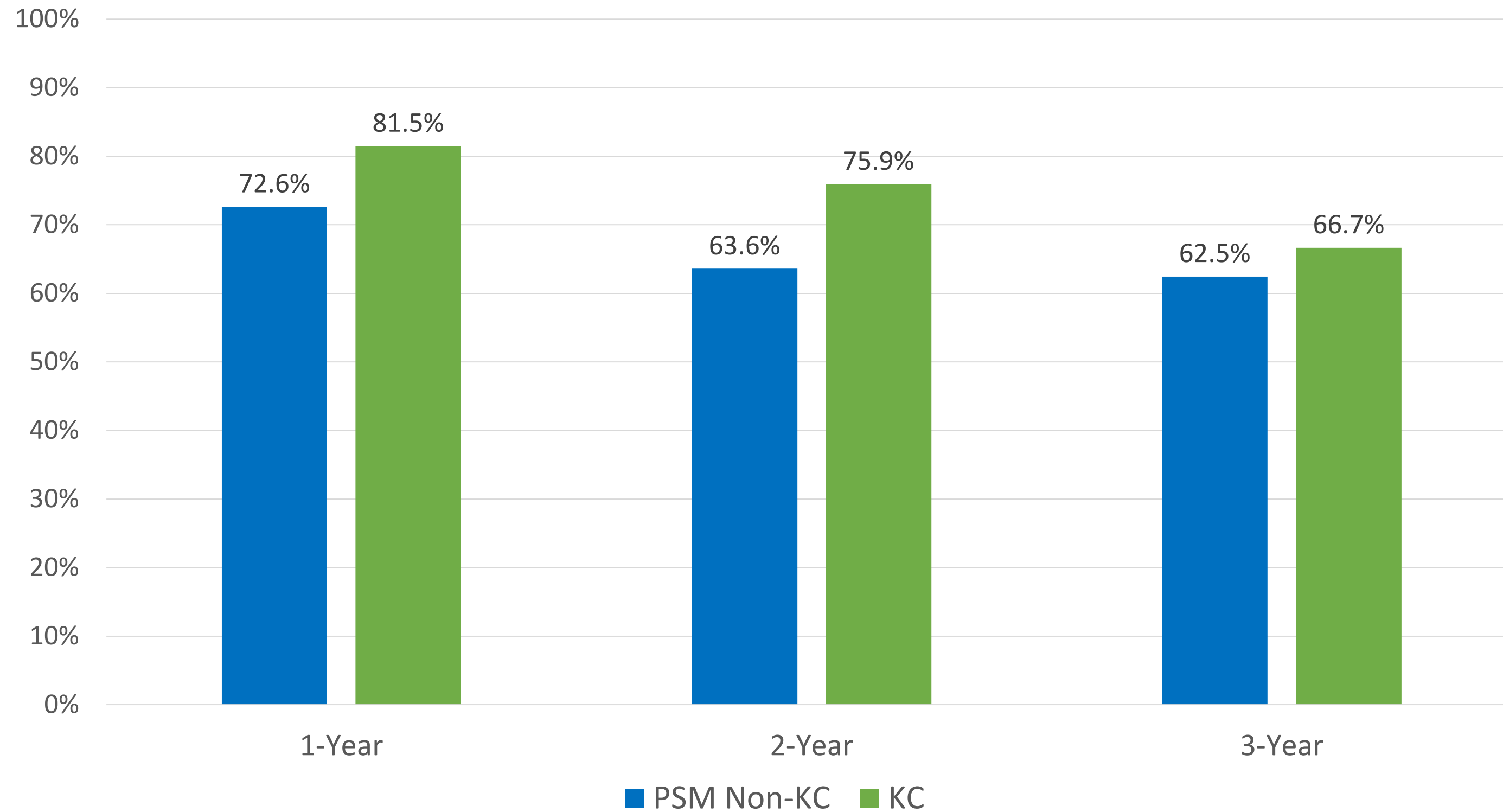
## Propensity Score Matching



\* Caliper width = 0.1

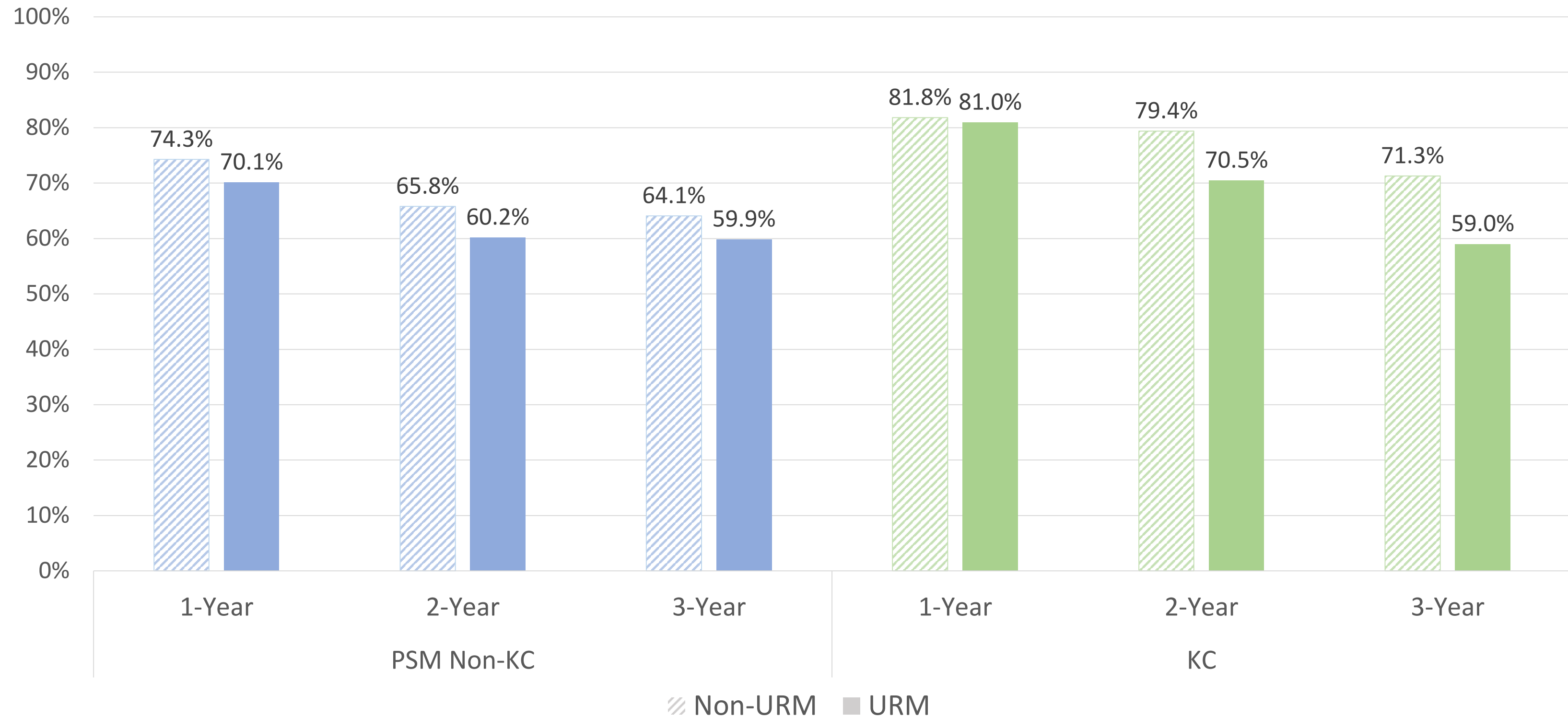
# 1. PSM Retention

## HSU Retention - AYs '15, '16, '17 Among Propensity Matched Students



# 1. PSM Retention

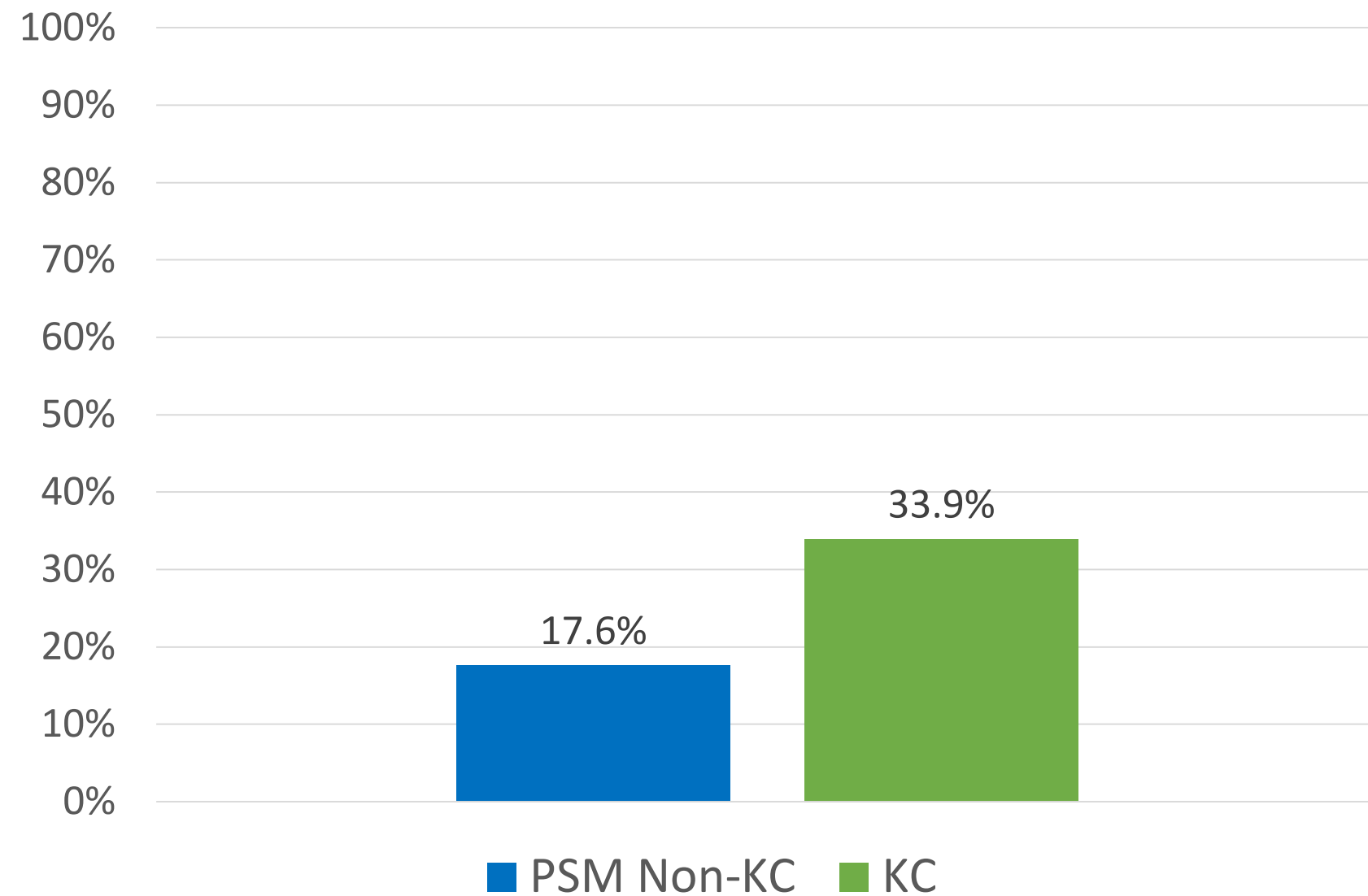
## HSU Retention - AYs '15, '16, '17 Among Propensity Matched Students



## 2. PSM Graduation

### 4-Year Graduation Rate

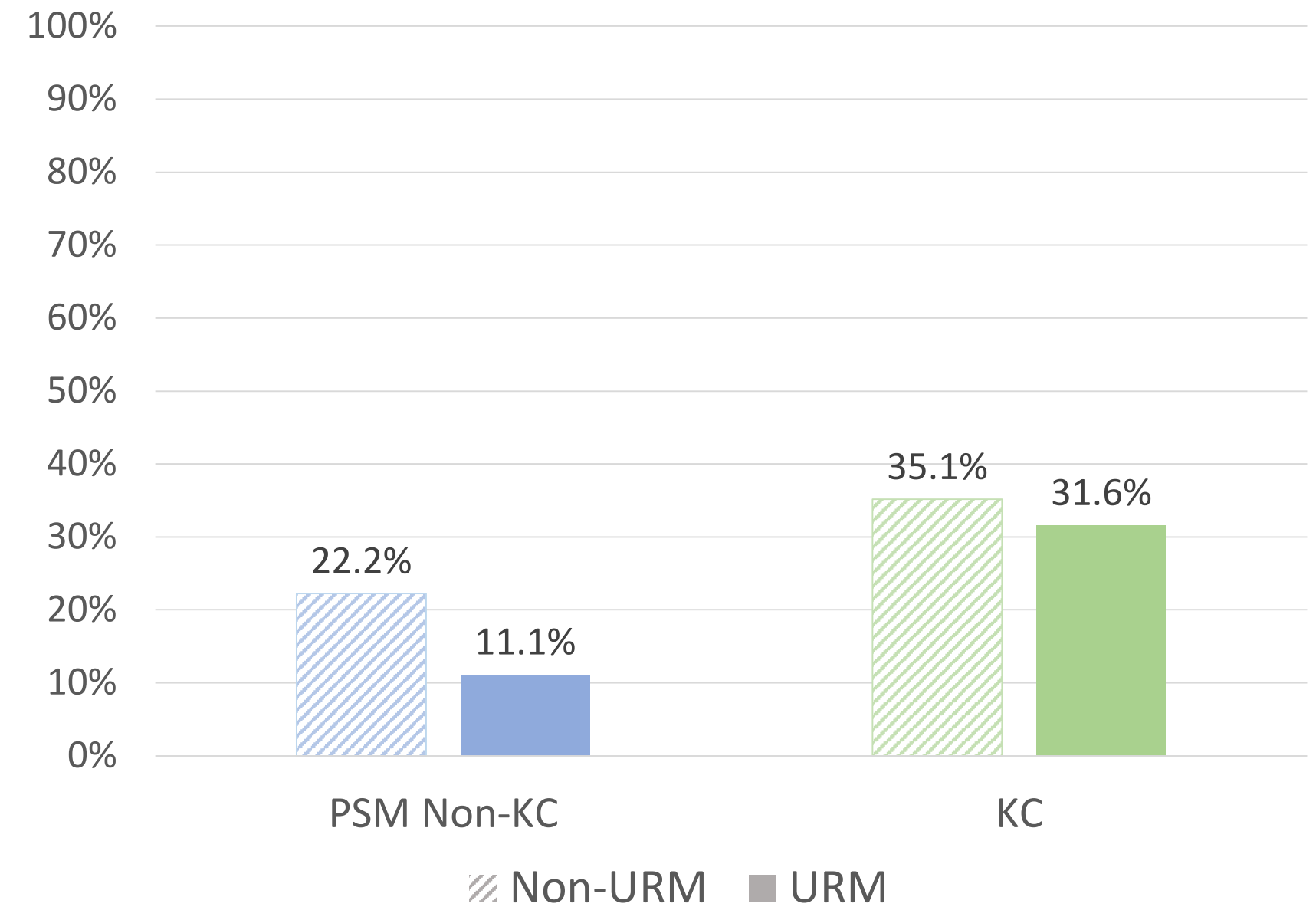
Among Propensity Matched Students



- HSU 4-Year Graduation Rate for 2015 FTFTUG = 20.1%
- CNRS 4-Year Graduation Rate for 2015 FTFTUG = 16.6%

### 4-Year Graduation Rate

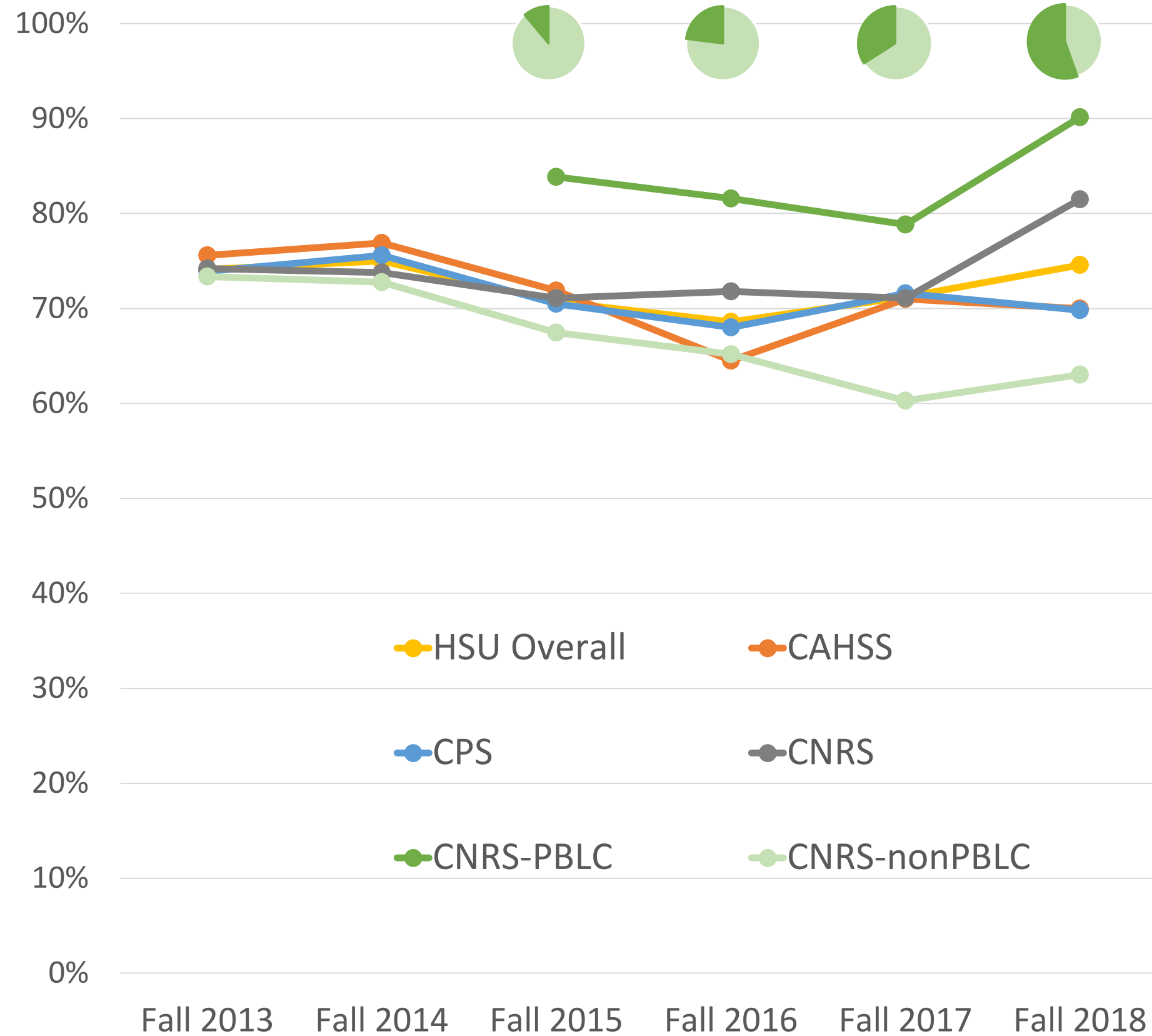
Among Propensity Matched Students



- HSU 4-Year Graduation Rate for 2015 URM FTFTUG = 16.3%
- CNRS 4-Year Graduation Rate for 2015 URM FTFTUG = 9.6%

# 3. Campus Retention

## FTFTUG First Year Retention



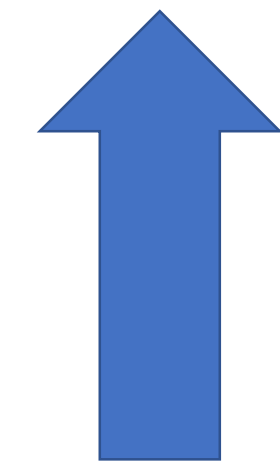
**2017** – 13.1% of ALL FTFTUG are PBLC

**2018** – 23.4% of ALL FTFTUG are PBLC

**2019** – 29.7% of ALL FTFTUG are PBLC

Projected using 2019 Enrollment:

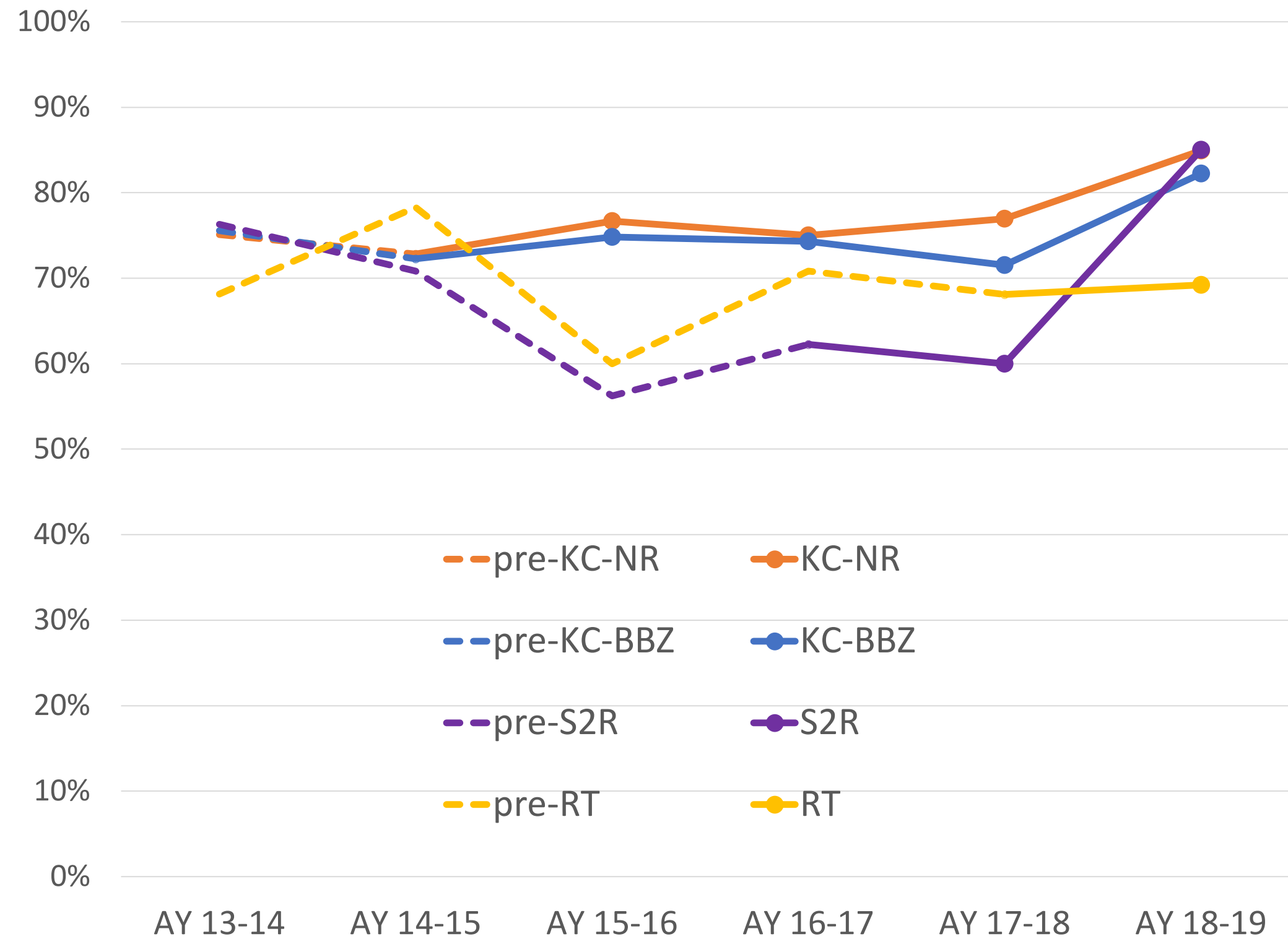
**2020** – 46.7% of ALL FTFTUG are PBLC!!!!



## 4. Moving Forward

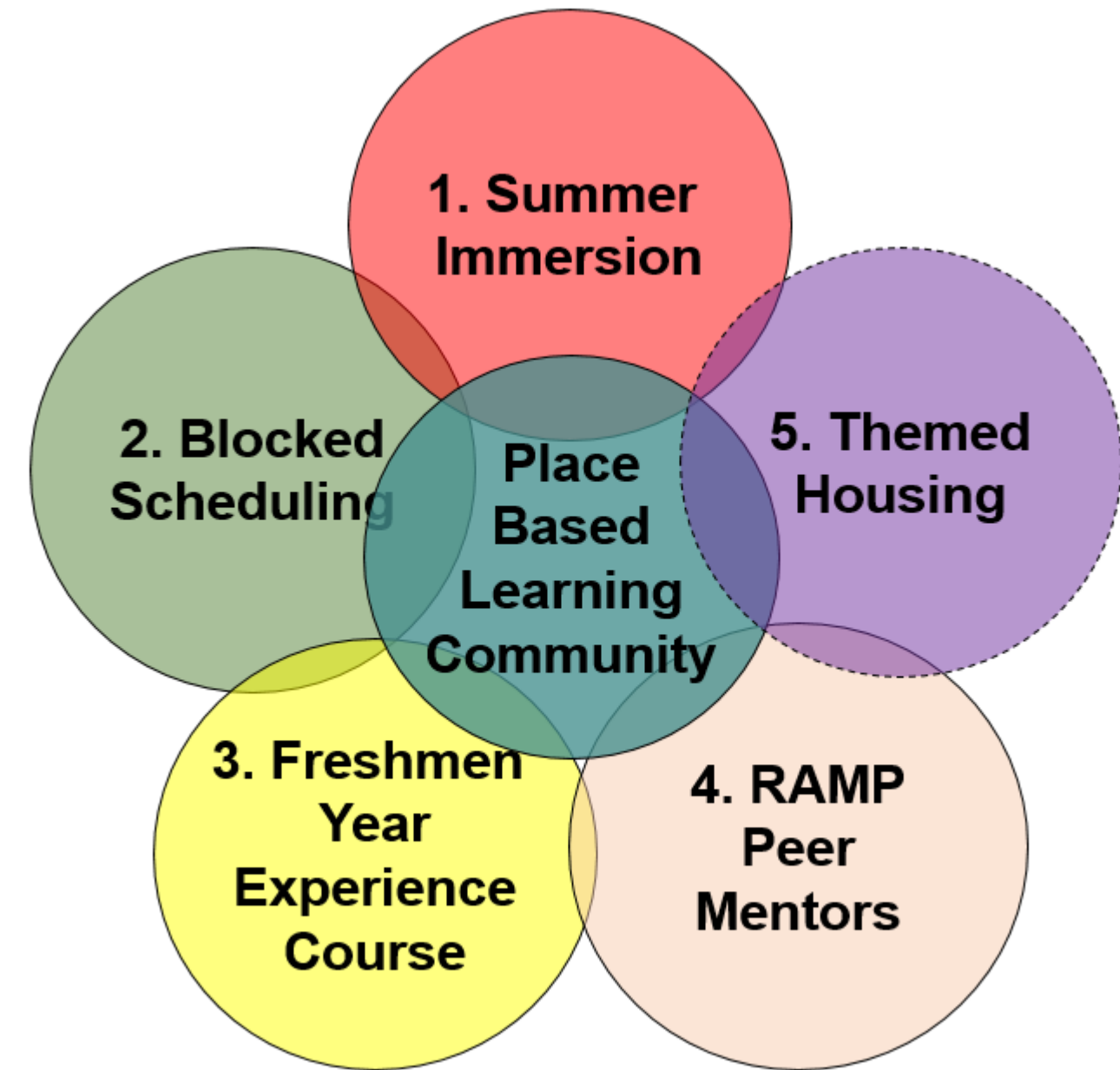
# 1-Year Retention

For CNRS Majors by PBLC (all students)

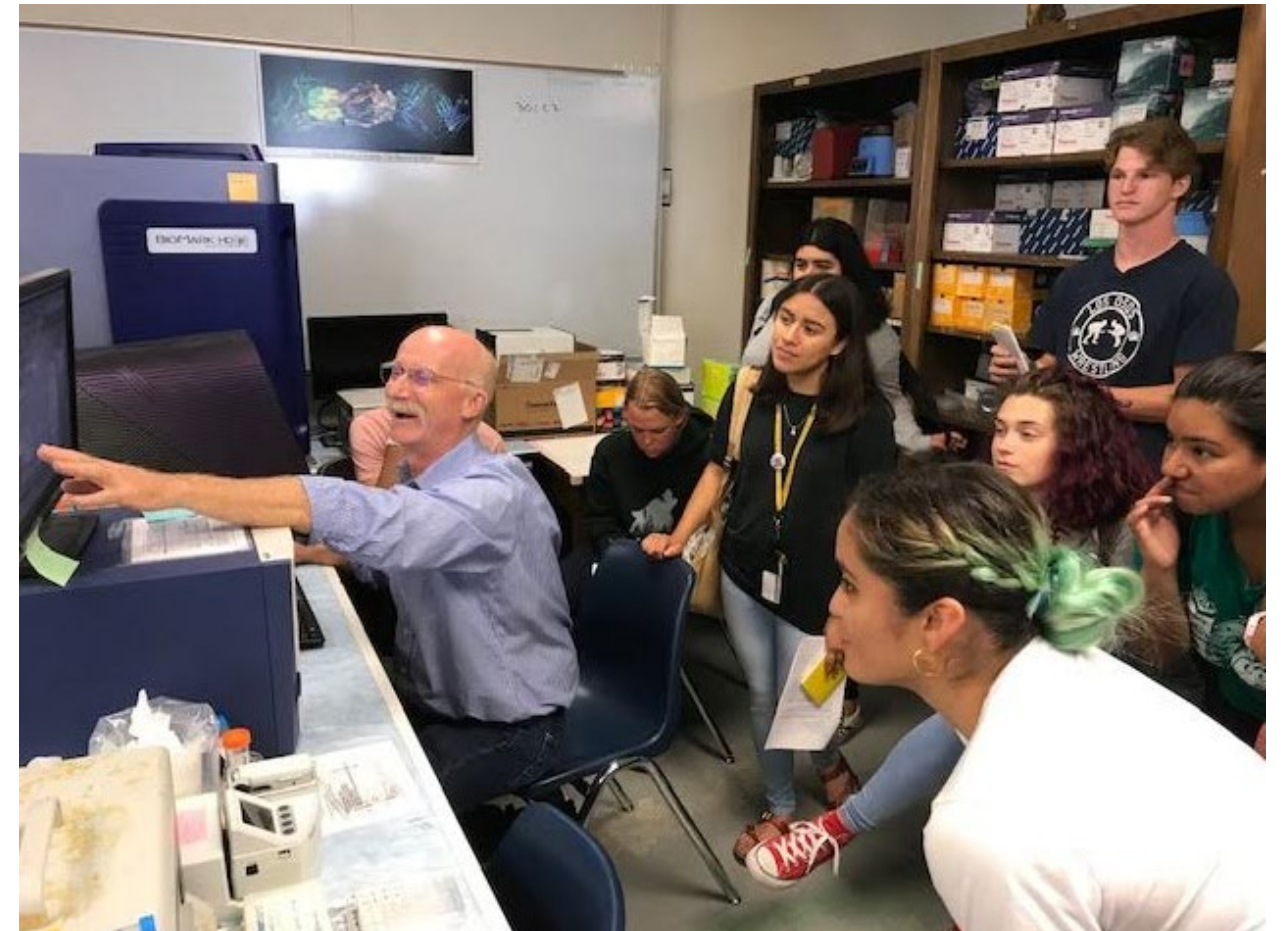




# Thank You!







engagement, connection, relevance

inspiration, interdisciplinary



“...one of the best things Humboldt has to offer...”

“...opportunity to learn about a different culture has allowed me to develop a skill of understanding...”

“...I have realized the importance of interdisciplinary science and traditional knowledge in approaching ecological studies...”

“...In addition to being a well rounded scientist, one also needs to understand the human side of problems in order to solve them well...”

“... I take pride in knowing that my generation is the generation that is going to save this planet...”

“...the classes I am enrolled in...are all pretty much linked together in some way or another...”

“...I had never thought of climate change or any other environmental issue as a social justice issue before arriving at Humboldt let alone what math and science could do to help social justice issues...”

“...Getting to learn about another culture that relies on land/water resources that are being ‘taken away’ is something I related to...”

“...That’s probably the best thing I like about the Klamath Connection, they care about their students, and want the best for us...”

“...Initially, I thought botany would be virtually useless for my major, but I’ve grown to have an interest in it and now find that the class has its own importance within conservation biology...”

“...I would love to give Humboldt a big old hug for all that they have done for and what they have yet to do for me!...”