

Initiative Impact Matching Details Data Details

## Impact by Student Group

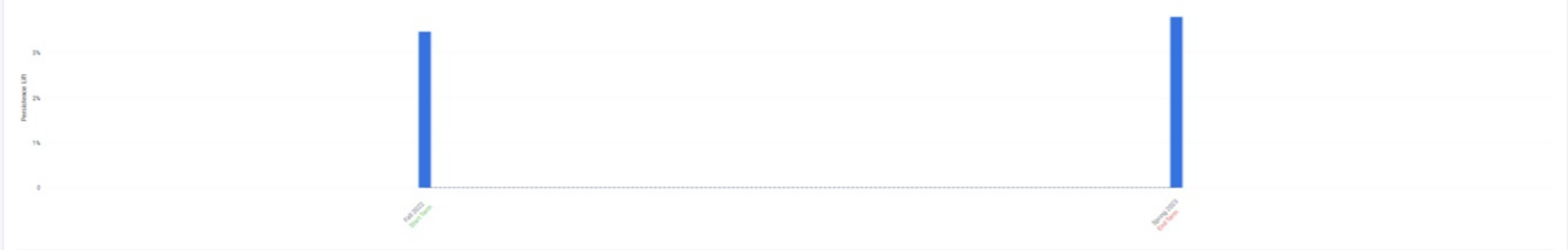
Export Raw Data

Overall Fall 2022 Spring 2023

STUDENT GROUP	ANALYZED PARTICIPANTS	P-VALUE	PERSISTENCE LIFT
Overall	1,984	< 0.01	3.65% +/- 1.5%
Academic Level: Graduate	2	< 0.01	-1.83% +/- 0.1%
Academic Level: Undergraduate	1,983	< 0.01	3.65% +/- 1.5%
Completed Terms: 0 Terms	15	0.12	20.37% +/- 26.4%
Completed Terms: 1-3 Terms	265	0.14	4.20% +/- 5.5%
Completed Terms: 4+ Terms	1,703	< 0.01	3.39% +/- 1.4%
Course Modality: All On-Ground	481	0.01	4.35% +/- 3.2%
Course Modality: All Online	146	0.49	2.45% +/- 5.9%
Course Modality: Mixed or Blended	1,356	< 0.01	3.52% +/- 1.6%
Ethnicity: Hispanic or Latino	195	0.04	4.68% +/- 4.4%
Ethnicity: Not Hispanic or Latino	1,788	< 0.01	3.54% +/- 1.5%
Full-time vs. Part-time: Full-time	1,593	< 0.01	2.36% +/- 1.5%
Full-time vs. Part-time: Part-time	390	< 0.01	8.80% +/- 4.4%
Gender: Female	1,036	< 0.01	3.33% +/- 1.9%
Gender: Male	948	< 0.01	4.01% +/- 2.3%
Prediction Percentile: Bottom Quartile	23	0.89	-1.88% +/- 23.4%
Prediction Percentile: Second Quartile	139	< 0.01	18.39% +/- 10.3%
Prediction Percentile: Third Quartile	385	0.02	5.28% +/- 4.4%
Prediction Percentile: Top Quartile	1,436	< 0.01	1.86% +/- 1.2%
Race: American Indian/Alaskan Native	5	0.54	-10.79% +/- 38.6%
Race: Asian	30	0.77	-2.01% +/- 14.0%
Race: Black or African American	38	0.07	3.02% +/- 6.7%
Race: Pacific Islander	12	0.63	2.71% +/- 11.8%
Race: Two or More	66	0.56	-2.74% +/- 9.3%
Race: Unknown	206	0.04	4.60% +/- 4.5%
Race: White or Caucasian	1,623	< 0.01	3.83% +/- 1.6%
STEM Major: Not STEM	1,717	< 0.01	3.35% +/- 1.6%
STEM Major: STEM	267	< 0.01	5.57% +/- 3.7%
Undergraduate Type: First Time in College	1,043	< 0.01	3.97% +/- 1.8%
Undergraduate Type: High School Dual Enrollment	12	0.74	-4.11% +/- 25.8%
Undergraduate Type: Readmit	170	0.26	3.57% +/- 6.2%
Undergraduate Type: Transfer	750	< 0.01	3.62% +/- 2.5%
Undergraduate Type: High School Dual Enrollment	12	0.74	-4.11% +/- 25.8%
Undergraduate Type: Readmit	170	0.26	3.57% +/- 6.2%
Undergraduate Type: Transfer	750	< 0.01	3.62% +/- 2.5%
Undergraduate Type: Unknown Undergraduate Type	7	0.20	-28.97% +/- 46.9%

## Impact by Term

Positive Lift



Initiative Impact

Matching Details

Data Details

## Matching Details

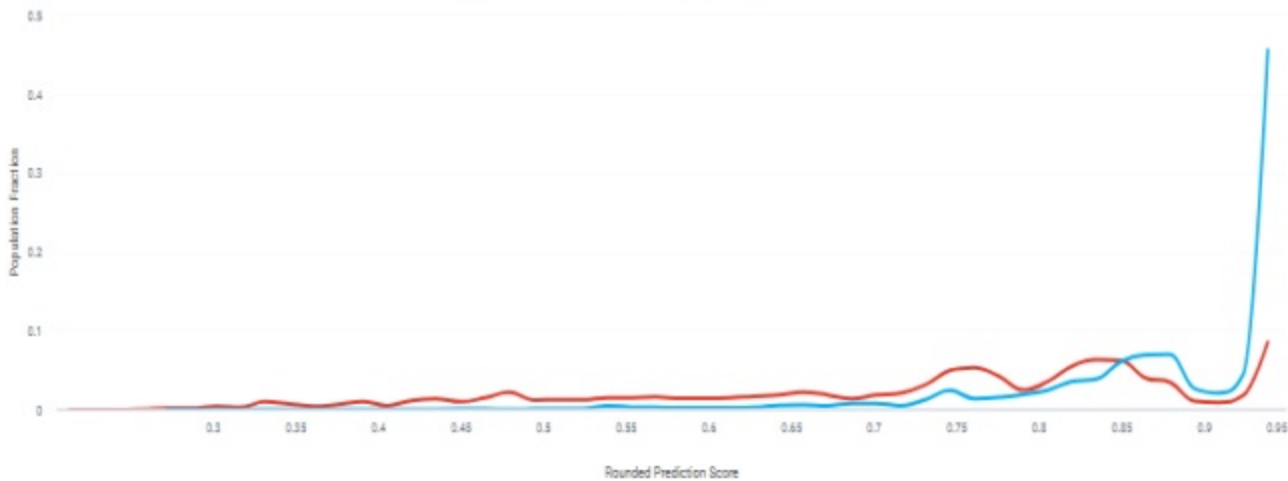
We've automatically selected the comparison group most like your initiative participants for maximum comparison accuracy. **93% of the submitted participants were matched.** Verify that the matching process went smoothly by checking that the initiative participant and comparison group lines in the After Matching chart are similar.

Persistence Prediction Propensity Score

Before Matching (Similarity = 51%)

Initiative Participants Eligible Comparison Group

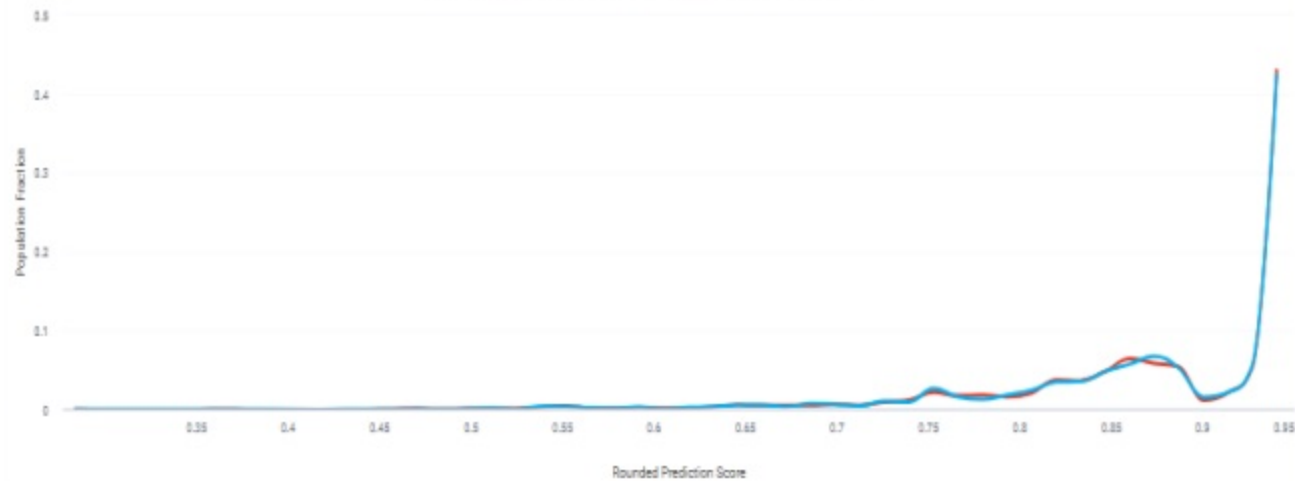
Comparison of initiative participants and eligible comparison students



After Matching (Similarity = 97%)

Initiative Participants Comparison Group

Comparison of matched initiative participants and comparison students



## HIPs Fa22 Sp23 Intern

Added on November 27, 2023, by Ben Anderson

3.7%  
+/-1.5%

Lift in Persistence

&lt; 0.01

P-Value

1,984

Analyzed Participants

[Goal](#) [Eligibility Criteria](#) [Description](#)

HIPs Fa22 Sp23 Intern Persistence

Initiative Impact

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## Input Data

These are the total participants and eligible comparison students that were available for prediction-based propensity score matching as part of the impact analysis.

Power analysis is used to estimate the sample size required to reasonably detect the effect of your initiative. Based on your data, it's estimated that at least **1.7% difference** in persistence rates must be observed to achieve statistically significant results.

TERM	INITIATIVE PARTICIPANTS	ELIGIBLE COMPARISON STUDENTS	ELIGIBLE COMPARISON TERMS
Fall 2022	933	19,127	Fall 2022
Spring 2023	1,209	16,983	Spring 2023