

STEM- Math tutoring equity project

12/2/2016

Hi Jane and Rachael,

Finally, here are your requested results for your equity project in Math tutoring at the STEM center.

Attached are:

- 1) Success rates for tutored vs not tutored students in Math 55, 53, and 43.
- 2) Course sequences: success and persistence rates for math 53 to 43 and Math 65 to 54, 54L or 55.

Results summary:

For the targeted groups of African Americans and Latinos, tutored students did better than non-tutored students in each of the four classes studied (65, 55, 53, 43), sometimes raising the group success rate to the average. For Filipino, the results were mixed, but often due to low sample sizes. So good work with the African American and Latino groups!!

For the course sequence of 65 to 55, the tutored numbers for Filipinos, Latinos, and African Americans were too small to provide results.

For the sequence of 53 to 43, Filipinos were again too few, and the results were mixed for the other groups:

For African Americans, although fewer of those tutored in 53 enrolled in 43, of those who enrolled, more succeeded in 43 than the non-tutored.

For Latinos, the non-tutored groups had more success in 53, more enrolling in 43, and more succeeding in 43, so tutoring did not help this group to get from 53 to

43.. .

I'd be glad to meet with you and discuss the results and/or what this means about who to target in the STEM center.