

Increasing students' aspirations: the impact of a role model on students' educational attainment

Pre-Analysis Plan Amendment Three

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1 Introduction

This analysis plan amendment pertains to additional data collection associated with the trial “Increasing students’ aspirations: the impact of a role model on students’ educational attainment.”¹ In this trial, I test whether students seeing an aspirational movie, *Queen of Katwe*, increases their performance on national exams, as set out in the original pre-analysis plan.

Additionally, as outlined in this amendment, I will test whether there is heterogeneity in treatment impact of seeing the movie *Queen of Katwe* by socio-economic characteristics of the students.

This amendment should be read alongside the original pre-analysis plan. All analysis detailed in this amendment will be carried out upon completion of the additional data collection in November 2019.

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¹See <http://www.socialsciceregistry.org/trials/1832> for the trial registration and <https://www.socialsciceregistry.org/docs/analysisplan/957/document> for the original pre-analysis plan and <https://www.socialsciceregistry.org/docs/analysisplan/1220/document> for the first pre-analysis plan amendment and <https://www.socialsciceregistry.org/docs/analysisplan/2432/document> for the second pre-analysis plan amendment

2 Additional characteristics of the students

Additional data was collected on the students during October and November 2019 relating to their background characteristics. This information was transcribed by an enumerator from student's admission records to the school. These admission records included basic background information on the students, including their address, previous exam results, whether both parents were alive, occupations of the parents and whether financial support was being provided to the student. These will be used to make indicator values as follows:

1. An indicator for whether the student comes from Makindye district (where Katwe is located)
2. An indicator for whether the student comes from Kampala
3. An indicator for whether one or both parents are dead
4. An indicator for whether financial support was being provided to the student
5. An indicator for whether either parent had a professional occupation (teacher, accountant, lawyer, doctor, engineer, civil servant)
6. An indicator for whether the student performed below the median in the sample in their previous national exams (PLE for S4 students and UCE for S6 students).

These indicator variables will be used to examine additional heterogeneity, in the manner outlined in previous versions of the pre-analysis plan.