

Pre-Analysis Plan Amendment:

The impact of refractive error correction on harvest workers
in the Guatemalan coffee sector

27 February 2024

1. There will no longer be lot-specific controls (i.e. crop density, coffee variety, plant age, and lot size) included within any of the specifications detailed in the pre-analysis plan. Due to differing approaches to management harvest practices across farms, this isn't a viable option. Some of the farms informed us that harvesters are not confined to one single plot within a work day.
2. Lot-specific controls will be replaced with a control variable for the average daily harvest of all other non-vision-corrected workers on the same farm during the same day. This will serve a similar purpose and conserve degrees of freedom in statistical analysis.
3. We plan on removing the time fixed effects from the main specifications since time-specific shocks are likely to vary across farms.
4. In lieu of time fixed effects, we plan on estimating a specification with farm-specific cubic time trends. In this specification, we will omit the daily average of other workers in the same farm during the same day.
5. Because we did not receive historic harvest data for all farms before completing the vision screening, we are no longer stratifying by baseline harvest productivity.