

Fourth Amendment to:

"Timing the Engagement with the Mindsets of Cash Transfer Recipients: Analysis Plan #1 (Cognitive Outcomes)"

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This overrides all previous amendments.

The following amendments are made:

(1) Botched clusters

The roll-out of the sub-randomization in Komollo, Aredo, Nyangera , and Wich_lum_a clusters was botched. These are dropped from the sample of the 'timing' study.

(2) Usenge and Othach subcounties

The original pre-analysis plan reads:

"Participants whose villages had been, for the purposes of the main trial, assigned into that arm which involves both cash transfers and the psychologically active ('mindset') intervention were further randomized at the individual level to either be candidates for receiving the mindset intervention in the weeks before or in the weeks after the transfer in question. (...) The transfer in question is currently defined as Lump Sum A."

However, after a period of slow roll-out of cash interventions in the sample, there is now a surge in the number of villages to be treated with the transfer in question (Lump Sum A) in June '17, which makes it logistically impossible to deliver the psychological intervention "in the weeks before or in the weeks after the transfer in question". Rather, a subset of eligible villages in two subcounties originally slated for psychological treatment in June (Usenge and Othach) will now be slated for treatment in May. This subset is currently estimated to amount to 6 villages for the purposes of the study presented here (which is restricted to cash-plus-psych villages).

As a consequence, all eligible participants in these villages will now be slated for psychological treatment between the Token payment and Lump Sum A. The villages will continue to be visited by IPA on at least two occasions, with the first round of psychological treatment being offered to participants who had originally been randomized into the 'after' treatment, and the latter treatment being offered to those participants who had been randomized into the 'before' treatment. (In other words, 'after' can now be interpreted as 'just a few weeks after the token', and 'before' as 'more weeks after the Token, but still before Lump Sum A'.)

For the purposes of the study discussed here, three samples will be formed:

1. One excluding the villages in question
2. A second including only the villages in question (quasi as a low-powered replication of the same hypothesis test).
3. A third including both of the above (quasi as a meta-analysis of two independent attempts).