

## Appendix B: Power calculations

Power calculations based on a sample size of 9000 households clustered on 180 panchayats. Power calculations were performed for a broad range of ICCs due to uncertainty about how the intervention would affect to correlation of outcome variable within clusters. For each outcome and (sub-)sample, the minimum of this range was set at approximately double the ICC at baseline, since it was expected that variation in the quality of teams would introduce significant geographic correlation in the quality of the intervention and thus key outcome variables, and the upper limit was set to 2.5 times this value. For the binary outcome (SHG membership), minimum detectable differences are specified for both increases and decreases in levels relative to control means and proportions. Control level ranges and standard deviations used for this analysis are based on baseline statistics for the full sample and landless sub-sample, respectively.

**Full sample:** 50 obs/cluster, 90 clusters/group

*Self-help Group Membership (binary)*

ICC	0.2		0.35		0.5	
Control level	MDE (+)	MDE (-)	MDE (+)	MDE (-)	MDE (+)	MDE (-)
0.02	0.04	0.02	0.05	0.02	0.07	0.03
0.04	0.05	0.03	0.07	0.04	0.08	0.04
0.06	0.05	0.04	0.07	0.05	0.09	0.05
0.08	0.06	0.05	0.08	0.06	0.10	0.06
0.1	0.07	0.05	0.09	0.06	0.11	0.07
0.12	0.07	0.06	0.09	0.07	0.11	0.08

*High-cost debt (000 Rs)*

ICC	0.07	0.1225	0.175
	MDE	MDE	MDE
Control: 7.64	1.50	1.89	2.21

**Landless Sub-sample:** Average 36 obs/cluster, 90 clusters/group

*Self-help Group Membership (binary)*

ICC	0.25		0.4375		0.625	
Control level	MDE (+)	MDE (-)	MDE (+)	MDE (-)	MDE (+)	MDE (-)
0.02	0.04	0.02	0.06	0.02	0.08	0.03
0.04	0.05	0.03	0.07	0.04	0.09	0.04
0.06	0.06	0.04	0.08	0.05	0.10	0.06
0.08	0.07	0.05	0.09	0.06	0.11	0.07
0.1	0.07	0.06	0.10	0.07	0.12	0.08
0.12	0.08	0.06	0.11	0.08	0.13	0.09

*High-cost debt (000 Rs)*

ICC	0.09	0.1575	0.225
	MDE	MDE	MDE
Control: 7.68	1.55	1.94	2.27