Table 2: Bivariate analysis of household covariates and home delivery

Variable n Unadjusted OR P value 95% CI Age of Head 3103 0.99 0.876 0.99 - 1.00 Head is male 3141 0.94 0.663 0.71 - 1.24 Education of head 3142 TREF 0.41 0.0001 0.35 - 0.49 Employment of head [ii] 3142 TREF 0.43 0.0001 0.32 - 0.57 Self employed 0.043 0.0001 0.32 - 0.57 0.066 0.82 - 1.37 Employment type of head [iii] 3169 TREF TREF TREF Employment type of head [iii] 3169 TREF TREF Employment type of head [iii] 3169 TREF TREF Salaried 0.37 0.006 0.50 - 0.89 0.55 0.75 - 1.31 0.006 0.50 - 0.89 0.95 0.75 - 1.31 0.006 0.50 - 0.89 0.95 0.75 - 1.31 0.001 1.03 - 1.10 1.03 - 1.10 0.001 1.03 - 1.10 0.001 1.03 - 1.10 0.001 1.03 - 1.10 0.001 1.03 - 1.10	Variable	Bivariate analysis			
Head is male 3141 0.94 0.663 0.71 - 1.24 Education of head 3142		n		P value	95% CI
Education of head	Age of Head	3103	0.99	0.876	0.99 - 1.00
Primary or below Secondary or above Secondary or above 0.41 0.0001 0.35 - 0.49	Head is male	3141	0.94	0.663	0.71 - 1.24
Secondary or above D.41 D.0001 D.35 - D.49	Education of head	3142			
Formally employed 0.43 0.0001 0.32 - 0.57 Self employed 1.06 0.66 0.82 - 1.37 Unemployed 1.06 0.66 0.82 - 1.37 Unemployed 1.06 0.66 0.82 - 1.37 Employment type of head [iii] 3169 Owns business 0.67 0.006 0.50 - 0.89 Salaried 0.37 0.0001 0.30 - 0.46 Skilled laborer 0.99 0.95 0.75 - 1.31 Casual laborer 1.16 0.254 0.90 - 1.48 Farmer 1 REF Household size 3115 1.06 0.0001 1.03 - 1.10 People per room 3068 1.26 0.0001 1.18 - 1.34 Acres of land owned 3142 0.99 0.39 0.98 - 1.01 Nearest facility [iv] 2855 Hospital 0.55 0.0001 0.46 - 0.66 Health Center 1.01 0.953 0.75 - 1.35 Distance in kilometers 2855 To any facility (kms) 1.09 0.031 1.01 - 1.18 To Poad (kms) 1.46 0.011 1.09 - 1.95 Distance categories 2855 < 2km from any facility 1 REF Self 1.21 0.035 1.01 - 1.46 < 4km from District Hospital 1 REF To Road (kms) 1.21 0.035 1.01 - 1.46 Casual laborer 1.46 0.011 0.001 Casual laborer 1.21 0.035 1.01 - 1.46 Casual laborer 1.46 0.011 0.001 Casual laborer 1.46 0.011 0.001 Casual laborer 1.46 0.001 0.001 Casual laborer 1.46 0.001 Casual laborer 1.46 0.001 0.001 Casual laborer 1.46 0.001 Casual laborer 0.99 0.095 0.75 - 1.31 Casual laborer 0.99 0.95 0.001 Casual laborer 0.0001 0.001 Casual laborer 0.0001 0.0001 Casual laborer 0.0	Primary or below		1	REF	
Formally employed Self employed 1.06 0.66 0.82 - 1.37 Unemployed 1.06 0.66 0.82 - 1.37 Unemployed 1 REF Employment type of head [iii] 3169 Owns business 0.67 0.006 0.50 - 0.89 Salaried 0.37 0.0001 0.30 - 0.46 Skilled laborer 0.99 0.95 0.75 - 1.31 Casual laborer 1.16 0.254 0.90 - 1.48 Farmer 1 REF Household size 3115 1.06 0.0001 1.03 - 1.10 People per room 3068 1.26 0.0001 1.18 - 1.34 Acres of land owned 3142 0.99 0.39 0.98 - 1.01 Nearest facility [iv] 2855 Hospital Health Center 1.01 0.953 0.75 - 1.35 Dispensary 1 REF Distance in kilometers 2855 To any facility (kms) 1.09 0.031 1.01 - 1.18 To District Hospital (kms) 1.1 0.0001 1.08 - 1.13 To Road (kms) 1.46 0.011 1.09 - 1.95 Distance categories 2855 < 2km from any facility 1 REF > 2km from any facility 1 REF > 2km from any facility 1 REF > 2km from any facility 1 REF	Secondary or above		0.41	0.0001	0.35 - 0.49
Self employed 1.06 0.66 0.82 - 1.37 Employment type of head [iii] 3169 Salaried 0.67 0.006 0.50 - 0.89 Salaried 0.37 0.0001 0.30 - 0.46 Skilled laborer 0.99 0.95 0.75 - 1.31 Casual laborer 1.16 0.254 0.90 - 1.48 Farmer 1 REF Household size 3115 1.06 0.0001 1.03 - 1.10 People per room 3068 1.26 0.0001 1.18 - 1.34 Acres of land owned 3142 0.99 0.39 0.98 - 1.01 Nearest facility [iv] 2855 0.0001 0.46 - 0.66 Health Center 1.01 0.953 0.75 - 1.35 Dispensary 1 REF Distance in kilometers 2855 To any facility (kms) 1.09 0.031 1.01 - 1.18 To District Hospital (kms) 1.1 0.001 1.09 - 1.95 Distance categories 2855 1.46 0.011 1.09 - 1.95 Ozenta in kilometers 1.21 0.035 1	Employment of head [ii]	3142			
Unemployed 1 REF	Formally employed		0.43	0.0001	0.32 - 0.57
Salaried	Self employed		1.06	0.66	0.82 - 1.37
Owns business 0.67 0.006 0.50 - 0.89 Salaried 0.37 0.0001 0.30 - 0.46 Skilled laborer 0.99 0.95 0.75 - 1.31 Casual laborer 1.16 0.254 0.90 - 1.48 Household size 3115 1.06 0.0001 1.03 - 1.10 People per room 3068 1.26 0.0001 1.18 - 1.34 Acres of land owned 3142 0.99 0.39 0.98 - 1.01 Nearest facility [iv] 2855 0.0001 0.46 - 0.66 Health Center 1.01 0.953 0.75 - 1.35 Dispensary 1 REF Distance in kilometers 2855 To any facility (kms) 1.09 0.031 1.01 - 1.18 To District Hospital (kms) 1.1 0.0001 1.08 - 1.13 Distance categories 2855 <2km from any facility	Unemployed		1	REF	
Salaried 0.37 0.0001 0.30 - 0.46 Skilled laborer 0.99 0.95 0.75 - 1.31 Casual laborer 1.16 0.254 0.90 - 1.48 Farmer 1 REF Household size 3115 1.06 0.0001 1.03 - 1.10 People per room 3068 1.26 0.0001 1.18 - 1.34 Acres of land owned 3142 0.99 0.39 0.98 - 1.01 Nearest facility [iv] 2855 0.0001 0.46 - 0.66 Health Center 1.01 0.953 0.75 - 1.35 Dispensary 1 REF Distance in kilometers 2855 To any facility (kms) 1.09 0.031 1.01 - 1.18 To District Hospital (kms) 1.1 0.0001 1.08 - 1.13 Distance categories 2855 <2km from any facility	Employment type of head [iii]	3169			
Skilled laborer Casual laborer Cas	Owns business		0.67	0.006	0.50 - 0.89
Casual laborer 1.16 0.254 0.90 - 1.48 Farmer 1 REF Household size 3115 1.06 0.0001 1.03 - 1.10 People per room 3068 1.26 0.0001 1.18 - 1.34 Acres of land owned 3142 0.99 0.39 0.98 - 1.01 Nearest facility [iv] 2855 0.0001 0.46 - 0.66 Health Center 1.01 0.953 0.75 - 1.35 Dispensary 1 REF Distance in kilometers 2855 To any facility (kms) 1.09 0.031 1.01 - 1.18 To District Hospital (kms) 1.1 0.0001 1.08 - 1.13 Distance categories 2855 2855 September of the property of the prope	Salaried		0.37	0.0001	0.30 - 0.46
Household size 3115 1.06 0.0001 1.03 - 1.10 People per room 3068 1.26 0.0001 1.18 - 1.34 Acres of land owned 3142 0.99 0.39 0.98 - 1.01 Nearest facility [iv] 2855 0.0001 0.46 - 0.66 Health Center 1.01 0.953 0.75 - 1.35 Health Center 1.01 0.953 0.75 - 1.35 Distance in kilometers 2855 EF To any facility (kms) 1.09 0.031 1.01 - 1.18 To District Hospital (kms) 1.1 0.0001 1.08 - 1.13 Distance categories 2855 22km from any facility 1 REF >2 km from any facility 1.21 0.035 1.01 - 1.46 <4km from District Hospital 1 REF	Skilled laborer		0.99	0.95	0.75 - 1.31
Household size	Casual laborer		1.16	0.254	0.90 - 1.48
People per room 3068 1.26 0.0001 1.18 - 1.34 Acres of land owned 3142 0.99 0.39 0.98 - 1.01 Nearest facility [iv] 2855 Hospital Health Center Dispensary 0.55 0.0001 0.46 - 0.66	Farmer		1	REF	
Acres of land owned 3142 0.99 0.39 0.98 - 1.01 Nearest facility [iv] 2855 Hospital 0.55 0.0001 0.46 - 0.66 Health Center 1.01 0.953 0.75 - 1.35 Dispensary 1 REF Distance in kilometers 2855 To any facility (kms) 1.09 0.031 1.01 - 1.18 To District Hospital (kms) 1.1 0.0001 1.08 - 1.13 To Road (kms) 1.46 0.011 1.09 - 1.95 Distance categories 2855 <2km from any facility 1 REF >2km from any facility 1.21 0.035 1.01 - 1.46 <4km from District Hospital 1 REF	Household size	3115	1.06	0.0001	1.03 - 1.10
Nearest facility [iv] 2855	People per room	3068	1.26	0.0001	1.18 - 1.34
Hospital 0.55 0.0001 0.46 - 0.66	Acres of land owned	3142	0.99	0.39	0.98 - 1.01
Health Center	Nearest facility [iv]	2855			
Dispensary 1 REF Distance in kilometers 2855	Hospital		0.55	0.0001	0.46 - 0.66
Distance in kilometers 2855 To any facility (kms) 1.09 0.031 1.01 - 1.18 To District Hospital (kms) 1.1 0.0001 1.08 - 1.13 To Road (kms) 1.46 0.011 1.09 - 1.95 Distance categories 2855 <2km from any facility	Health Center		1.01	0.953	0.75 - 1.35
To any facility (kms) 1.09 0.031 1.01 - 1.18 To District Hospital (kms) 1.1 0.0001 1.08 - 1.13 To Road (kms) 1.46 0.011 1.09 - 1.95 Distance categories 2855 <2km from any facility 1 REF >2 km from any facility 1.21 0.035 1.01 - 1.46 <4km from District Hospital 1 REF	Dispensary		1	REF	
To District Hospital (kms) To Road (kms) 1.1 0.0001 1.08 - 1.13 To Road (kms) 1.46 0.011 1.09 - 1.95 Distance categories 2855 <2km from any facility 1 REF >2 km from any facility 1.21 0.035 1.01 - 1.46 <4km from District Hospital 1 REF	Distance in kilometers	2855			
To Road (kms) 1.46 0.011 1.09 - 1.95 Distance categories 2855 <2km from any facility 1 REF >2 km from any facility 1.21 0.035 1.01 - 1.46 <4km from District Hospital 1 REF	To any facility (kms)		1.09	0.031	1.01 - 1.18
Distance categories2855<2km from any facility	To District Hospital (kms)		1.1	0.0001	1.08 - 1.13
<2km from any facility 1 REF >2 km from any facility 1.21 0.035 1.01 - 1.46 <4km from District Hospital 1 REF	To Road (kms)		1.46	0.011	1.09 - 1.95
>2 km from any facility 1.21 0.035 1.01 - 1.46 <4km from District Hospital 1 REF	Distance categories	2855			
<4km from District Hospital 1 REF	<2km from any facility		1	REF	
·	>2 km from any facility		1.21	0.035	1.01 - 1.46
>4km from District hospital 2.32 0.0001 1.90 - 2.83	<4km from District Hospital		1	REF	
	>4km from District hospital		2.32	0.0001	1.90 - 2.83