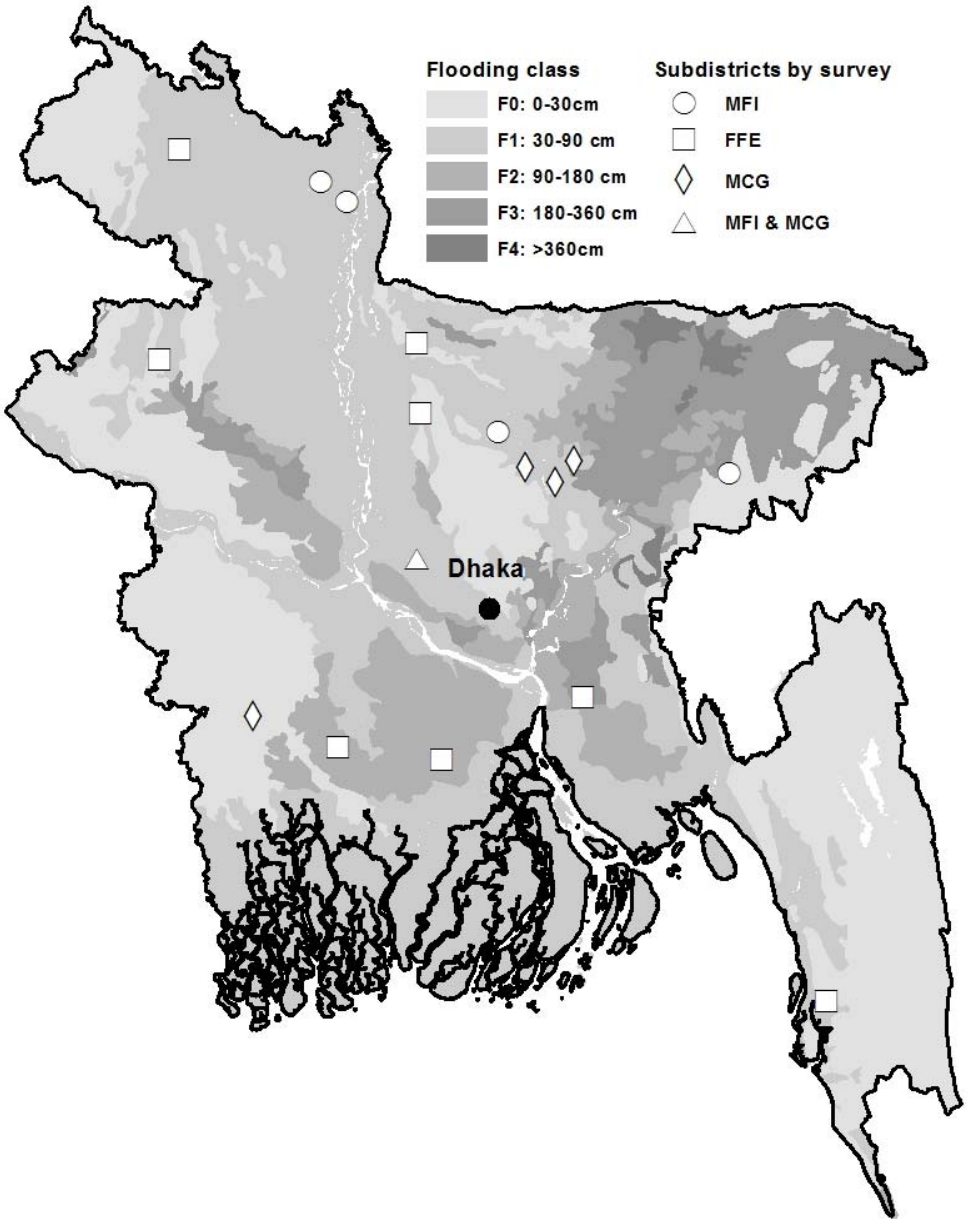
S1. Map of the study subdistricts, with the normal depth of annual flooding from Yu et al. (2010).

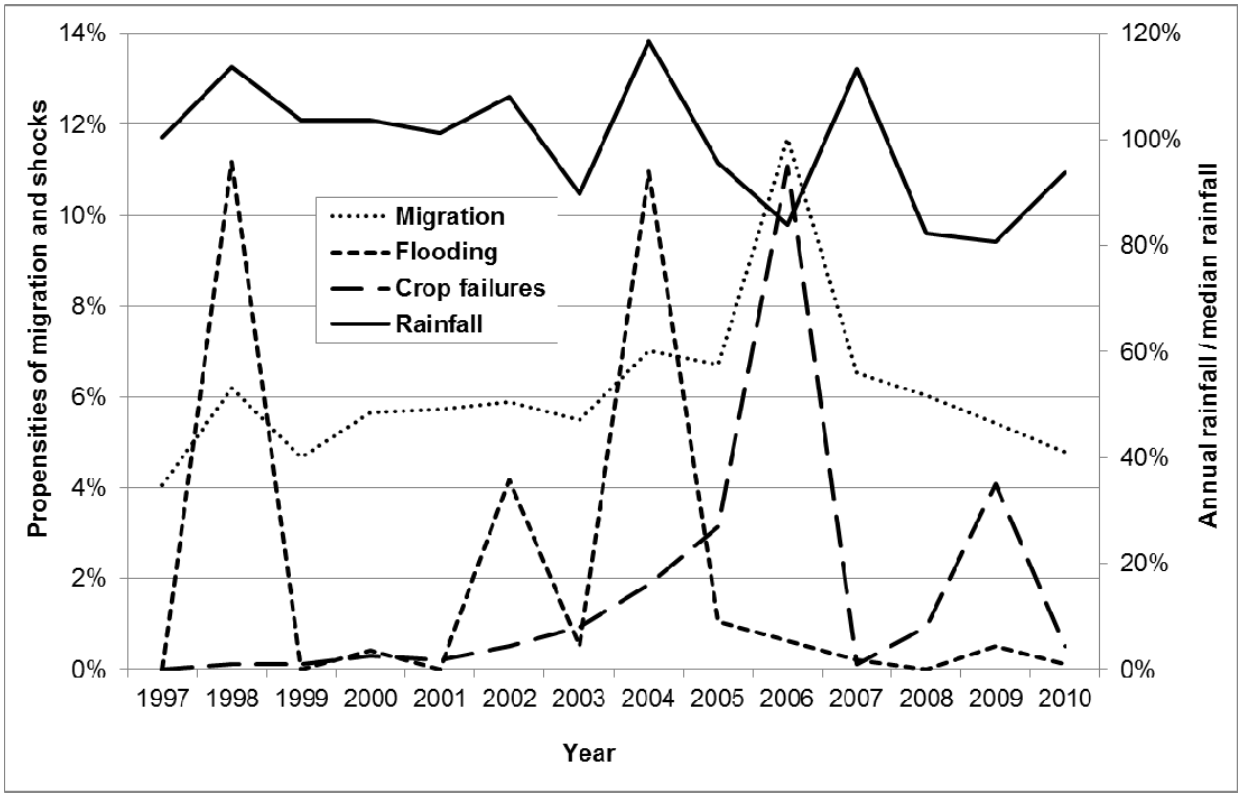


S2. Annual rates of migration under various environmental conditions.

Type of move	Overall	Flooding exposure				Crop loss exposure				Number of moves
		<5%	5-20%	>20%	F-test	<5%	5-20%	>20%	F-test	
All moves	6.4%	6.0%	10.8%	6.8%	**17.2*****	5.8%	7.1%	15.6%	**61.8*****	2,070
Within-district moves	3.8%	3.6%	6.5%	4.2%	**12.5*****	3.5%	4.3%	7.9%	**18.8*****	1,227
Out-of-district moves	2.5%	2.4%	4.2%	2.6%	**6.2****	2.2%	2.7%	7.6%	**48.7*****	808
Person-years of exposure	32,229	26,572	2,036	3,621		24,106	6,916	1,207		
Subdistrict-years of exposure	193	154	22	17		143	39	11		

Note: Values are annual rates of migration for at-risk individuals, and exposure is measured by the annual proportion of households exposed in the subdistrict (see text). Data on the destination of moves are missing for 173 migrants. F-tests are for the independence of migration rates and environmental conditions, corrected for clustering at the level of the community.

S3. Annual rates of migration, flooding, and crop failure with the ratio of annual rainfall to median rainfall.



S4. Household-level tobit models of total income and various income sources in 2006, including coefficients and significance tests.

Predictor	Total income	Agricultural income	Animal income	Fishing income	Forest income	Other income	Rural remittances	Urban remittances	International remittances	Government assistance	Pension income
Exposure to flooding (%)	-0.016*	-0.002	-0.008	-0.010	-0.020**	-0.127***	-0.013*	-0.074**	-0.100	-0.013**	-0.028
Exposure to crop loss (%)	-0.043***	-0.049***	-0.028*	-0.203***	-0.034*	0.067	-0.020	-0.067+	-0.091	0.009	-0.068+
Exposure to livestock deaths (%)	0.117	0.071	0.044	-0.214*	-0.086	1.080**	0.101+	-0.064	-0.225	0.051+	0.183+
Exposure to health shocks (%)	0.013	-0.011	-0.013	-0.103+	-0.002	0.201**	-0.012	0.038	0.238+	0.008	-0.053
Household size (#)	0.139***	0.094***	0.115***	0.109***	0.067**	0.234***	0.104***	0.172**	0.415**	-0.002	0.139*
Proportion of minors (%)	-0.004*	-0.001	0.001	0.002	0.004	-0.015*	-0.006**	-0.015*	-0.031+	-0.001	-0.020**
Head is female (1/0)	0.037	-0.511*	-0.201	-0.454+	0.123	0.189	0.312*	0.294	1.182	0.138	2.144***
Head is non-Muslim (1/0)	-0.284	-0.122	-0.364+	-0.003	-0.271	0.415	-0.497+	-0.798	-6.281**	0.360***	-0.116
Head has primary education (1/0)	0.010	-0.109	-0.081	0.239+	-0.013	-0.309	-0.059	0.069	0.186	-0.002	-0.056
Head has secondary education (1/0)	0.162+	0.036	-0.168+	0.327*	0.164	-0.097	-0.279+	1.170***	0.639	-0.338***	2.077***
Ln(expenditures per capita) (Taka)	0.570***	0.444***	0.369***	0.469***	0.451***	0.715*	-0.025	-0.011	2.039**	-0.257***	-0.274
Ln(land area+1) (ha)	0.236***	0.408***	0.061*	0.288***	0.098*	-0.064	0.053	0.117	0.382	-0.137***	-0.236*
Land with irrigation (1/0)	0.140*	0.320***	0.052	0.108	-0.067	0.012	-0.107	-0.193	0.387	-0.013	-0.220
Constant	-2.697***	-2.998***	-2.357**	-2.493	-3.966***	-14.860***	-0.915	-2.971	-26.731***	1.451*	-2.195
Sigma	1.131***	1.249***	1.210***	1.469***	1.493***	3.764***	1.282***	3.197***	6.147***	0.706***	3.377***
$N_{households}$	1615	1615	1615	1615	1615	1615	1615	1615	1615	1615	1615
Zero values	10	266	368	1125	1112	1181	1054	1277	1487	1171	1474
Mean value (Taka)	46870	15725	4795	1538	1033	10698	1013	3269	6391	223	2185

All outcomes have been transformed as ln(Taka/1000+1).
Exposure to shocks is measured by the proportion of households exposed in the subdistrict in 2005. All other predictors are measured at baseline.

S5. Predictors used in the event history analysis.

Predictor	Unit	Time-varying?	Person-year mean	Standard deviation
Individual controls				
Female	1/0	No	0.36	0.48
Age 15-16	1/0	Reference	0.17	0.38
Age 17-19	1/0	Yes	0.22	0.42
Age 20-24	1/0	Yes	0.26	0.44
Age 25-29	1/0	Yes	0.17	0.38
Age 30-39	1/0	Yes	0.17	0.38
Child of head	1/0	No	0.76	0.43
Less than primary education	1/0	Reference	0.36	0.48
Primary education	1/0	No	0.31	0.46
Secondary education	1/0	No	0.32	0.47
Has a child	1/0	Yes	0.21	0.41
Household controls				
Household size	#	No	7.18	2.96
Proportion of minors	%	No	34.04	18.28
Head is female	1/0	No	0.05	0.22
Head is non-Muslim	1/0	No	0.07	0.25
Head without primary education	1/0	Reference	0.62	0.48
Head has primary education	1/0	No	0.18	0.39
Head has secondary education	1/0	No	0.19	0.39
Ln(expenditures per capita)	Tk	No	6.82	0.46
Ln(land area+1)	ha	No	3.86	1.52
Land with irrigation	1/0	No	0.42	0.49
Village and subdistrict controls				
Rich community	1/0	No	0.19	0.39
Intermediate community	1/0	Reference	0.56	0.50
Poor community	1/0	No	0.25	0.43
Jute-producing community	1/0	No	0.78	0.42
Community has a road	1/0	Yes	0.93	0.26
Community has a school	1/0	Yes	0.70	0.46
Subdistrict propensity of local moves[1]	%	Yes	3.40	2.38
Subdistrict propensity of long-distance moves[1]	%	Yes	2.92	2.64
Shocks[2]				
Flood exposure: in household	1/0	Yes	0.06	0.23
Percent exposed in subdistrict	%	Yes	4.73	10.02
5-20% exposed in subdistrict	1/0	Yes	0.06	0.24
>20% exposed in subdistrict	1/0	Yes	0.11	0.32
Household losses	'000	Yes	0.15	0.64
Subdistrict mean losses	taka	Yes	0.33	0.62
Crop loss: in household	1/0	Yes	0.05	0.21
Percent exposed in subdistrict	%	Yes	3.76	5.94
5-20% exposed in subdistrict	1/0	Yes	0.21	0.41
>20% exposed in subdistrict	1/0	Yes	0.04	0.19
Household losses	'000	Yes	0.11	0.51
Subdistrict mean losses	taka	Yes	0.28	0.35
Livestock death: in household	1/0	Yes	0.06	0.23
Percent exposed in subdistrict	%	Yes	4.81	4.89
5-20% exposed in subdistrict	1/0	Yes	0.38	0.48
>20% exposed in subdistrict	1/0	Yes	0.01	0.09
Household losses	'000	Yes	0.12	0.55
Subdistrict mean losses	taka	Yes	0.37	0.37
Health shock: in household	1/0	Yes	0.15	0.36
Percent exposed in subdistrict	%	Yes	12.29	9.74
5-20% exposed in subdistrict	1/0	Yes	0.57	0.49
>20% exposed in subdistrict	1/0	Yes	0.20	0.40
Household losses	'000	Yes	0.33	0.95
Subdistrict mean losses	taka	Yes	1.04	0.63

[1] Defined as the proportion of the subdistrict population who became movers of this type in the year *t*-1.
[2] The reference category for the subdistrict-level shock categories is <5% exposed. Economic losses have been transformed by ln(x+1).

S6. Full results of Specifications A-C, including odds ratios and significance tests.

Predictor	Specification A			Specification B			Specification C		
		Multinomial			Multinomial			Multinomial	
	Logit	In district	Out of district	Logit	In district	Out of district	Logit	In district	Out of district
Individual-level controls									
Female	2.99 ***	6.42 ***	1.01	2.98 ***	6.41 ***	1.00	2.98 ***	6.41 ***	1.00
Age 17-19	1.63 ***	1.52 ***	1.98 ***	1.63 ***	1.52 ***	1.98 ***	1.62 ***	1.52 ***	1.96 ***
Age 20-24	1.82 ***	1.61 ***	2.37 ***	1.83 ***	1.61 ***	2.38 ***	1.81 ***	1.60 ***	2.36 ***
Age 25-29	1.70 ***	1.17	2.81 ***	1.70 ***	1.17	2.84 ***	1.70 ***	1.17	2.83 ***
Age 30-39	1.42 *	1.08	2.05 ***	1.44 **	1.08	2.08 ***	1.43 **	1.08	2.07 ***
Child of head	1.26 **	1.21 +	1.23 +	1.26 **	1.21 +	1.24 +	1.26 **	1.22 +	1.24 +
Primary education	0.67 ***	0.55 ***	0.94	0.67 ***	0.55 ***	0.94	0.67 ***	0.55 ***	0.94
Secondary education	0.56 ***	0.39 ***	0.94	0.56 ***	0.39 ***	0.93	0.56 ***	0.39 ***	0.94
Has a child	0.24 ***	0.18 ***	0.36 ***	0.24 ***	0.18 ***	0.36 ***	0.24 ***	0.18 ***	0.36 ***
Household-level controls									
Household size	0.99	1.00	0.97 +	0.99	1.00	0.97 +	0.99	1.00	0.97 +
Proportion of minors	1.01 ***	1.01 **	1.01 +	1.01 ***	1.01 **	1.01 *	1.01 ***	1.01 **	1.01 *
Head is female	0.97	0.82	1.25	0.97	0.82	1.26	0.98	0.82	1.26
Head is non-Muslim	0.76 *	0.60 *	1.05	0.75 *	0.60 *	1.05	0.75 *	0.59 *	1.04
Head has primary education	1.13	1.10	1.13	1.12	1.10	1.11	1.12	1.09	1.11
Head has secondary education	1.24 **	1.19 +	1.28 *	1.24 **	1.18	1.26 *	1.24 **	1.19 +	1.26 *
Ln(expenditures per capita)	1.17 *	1.16	1.17 +	1.17 *	1.17 +	1.18 +	1.18 *	1.17 +	1.18 +
Ln(land area+1)	0.98	1.03	0.89 **	0.98	1.04	0.90 **	0.98	1.04	0.90 **
Land with irrigation	0.97	0.92	1.05	0.97	0.92	1.05	0.97	0.93	1.05
Village and thana-level controls									
Rich community	1.30 **	1.56 **	1.02	1.29 **	1.54 **	1.01	1.29 **	1.53 **	1.01
Poor community	1.05	1.00	1.11	1.05	1.00	1.11	1.04	1.00	1.11
Jute-producing community	0.85 *	0.82 *	0.84	0.85 *	0.82 *	0.83 +	0.84 *	0.81 *	0.83 +
Community has a road	0.80	0.97	0.63 *	0.81	0.97	0.63 *	0.77 *	0.90	0.62 **
Community has a school	0.94	0.81 **	1.16	0.95	0.82 **	1.18	0.94	0.82 **	1.17
Subdist. propensity of local moves	0.98	0.98	0.99	0.98	0.98	0.99	0.99	0.99	1.00
Subdist. propensity of out-migration	1.00	1.00	0.99	1.00	1.00	0.99	1.02	1.03	1.00
Shocks									
Flood exposure: in household				1.08	0.93	1.31 +			
Percent exposed in thana	1.00	1.00	0.99	1.00	1.00	0.99			
Household losses							1.04	0.99	1.09 +
Subdistrict mean losses							1.01	1.12 +	0.94
Crop loss: in household				0.62 ***	0.67 *	0.53 ***			
Percent exposed in thana	1.04 ***	1.04 ***	1.03 **	1.04 ***	1.04 ***	1.04 ***			
Household losses							0.84 **	0.90	0.73 ***
Subdistrict mean losses							1.49 **	1.67 ***	1.39
Livestock death: in household				0.99	1.02	0.97			
Percent exposed in thana	0.98	0.97 +	0.99	0.98	0.97 +	0.99			
Household losses							0.99	0.98	1.02
Subdistrict mean losses							0.76	0.71	0.82
Health shock: in household				0.87 *	0.93	0.79 *			
Percent exposed in thana	1.01 *	1.03 ***	1.00	1.02 *	1.03 ***	1.00			
Household losses							0.97	0.98	0.96
Subdistrict mean losses							1.05	1.20 +	0.95
Joint tests (χ^2)									
Flooding	0	0	1	1	1	4	1	3	3
Crop losses	27 ***	18 ***	7 **	55 ***	25 ***	28 ***	17 ***	14 ***	13 **
Year indicators	86 ***	51 ***	40 ***	87 ***	51 ***	40 ***	100 ***	60 ***	63 ***
Thana indicators	120 ***	92 ***	149 ***	117 ***	91 ***	146 ***	90 ***	67 ***	136 ***

Model also includes indicators for thana and year, not shown.
+ p<0.10, * p<0.05, ** p<0.01, *** p<0.001

S7. Full results of Specification D, including odds ratios and significance tests.

Predictor	Logit	Multinomial		Logit by subpopulation				
		In district	Out of district	Men	Women	Low PCE	Medium PCE	High PCE
Individual-level controls								
Female	2.98***	6.40***	1.00	-	-	3.93***	3.50***	2.19***
Age 17-19	1.63***	1.54***	1.98***	1.61***	1.83***	1.73***	1.65***	1.66***
Age 20-24	1.83***	1.62***	2.39***	1.91***	2.20***	1.95***	1.92***	1.92***
Age 25-29	1.70***	1.18	2.86***	2.04***	1.72**	1.87**	1.79***	1.67***
Age 30-39	1.43*	1.07	2.09***	1.91***	0.83	1.18	1.22	1.72**
Child of head	1.26**	1.22+	1.24+	0.48***	2.18***	1.25	1.63**	1.03
Primary education	0.67***	0.54***	0.94	0.77*	0.59***	0.60***	0.68**	0.66***
Secondary education	0.56***	0.39***	0.94	0.84	0.36***	0.54**	0.53***	0.58***
Has a child	0.24***	0.18***	0.36***	0.40***	0.20***	0.20***	0.23***	0.30***
Household-level controls								
Household size	0.99	1.00	0.97+	1.01	0.99	0.98	0.99	0.99
Proportion of minors	1.01***	1.01**	1.01+	1.01*	1.01**	1.01*	1.01*	1.00+
Head is female	0.98	0.83	1.25	0.85	1.19	0.83	0.94	1.23
Head is non-Muslim	0.75*	0.59*	1.03	0.63*	0.75*	0.44*	0.99	0.87
Head has primary education	1.12	1.10	1.11	1.07	1.09	1.22	0.98	1.16
Head has secondary education	1.24**	1.20+	1.26*	1.15	1.15	1.06	1.32+	1.24*
Ln(expenditures per capita)	1.17*	1.16+	1.18+	1.33**	1.05	0.94	1.79+	1.01
Ln(land area+1)	0.98	1.04	0.90**	0.93*	1.03	1.00	1.03	0.97
Land with irrigation	0.97	0.93	1.05	0.98	0.94	0.87	1.01	1.09
Village and thana-level controls								
Rich community	1.29**	1.54**	1.01	1.19	1.24	0.99	1.70***	1.34
Poor community	1.05	1.00	1.12	1.09	1.06	1.31*	0.87	1.22
Jute-producing community	0.84*	0.81*	0.83+	0.80*	0.90	0.77	0.94	0.81+
Community has a road	0.79+	0.92	0.65*	0.64*	0.95	0.61**	0.79	0.93
Community has a school	0.95	0.82**	1.18	0.93	0.97	0.99	0.76**	0.98
Thana propensity of local moves	0.98+	0.98	0.99	0.98	0.98	0.98	0.95*	1.02
Thana propensity of out-migration	1.00	1.01	1.00	1.03	0.97	0.98	1.02	0.98
Shocks								
Flood exposure: in household	1.08	0.93	1.29	0.99	1.11	0.86	0.97	1.30
5-20% exposed in thana	1.08	1.57***	0.72+	0.89	1.36*	1.59*	0.94	1.04
>20% exposed in thana	0.93	1.12	0.73	0.91	0.99	0.90	0.91	1.04
Crop loss: in household	0.64***	0.69*	0.54***	0.63**	0.68*	0.55*	0.79	0.52**
5-20% exposed in thana	1.19+	1.45**	0.96	1.13	1.31*	1.32+	1.25	1.04
>20% exposed in thana	2.38***	2.97***	1.82**	1.91***	2.78***	2.42**	2.36**	2.53***
Livestock death: in household	0.96	0.99	0.95	0.91	1.05	1.00	0.94	0.90
5-20% exposed in thana	1.12	1.12	1.08	1.02	1.22+	1.33*	1.09	0.98
>20% exposed in thana	1.51	1.27	2.18	2.35*	1.10	0.88	2.69+	0.88
Health shock: in household	0.87+	0.95	0.79*	0.79*	1.00	0.65***	0.98	0.96
5-20% exposed in thana	1.15	1.02	1.39+	1.33	1.02	1.19	0.97	1.10
>20% exposed in thana	1.49+	1.63+	1.21	1.55	1.41	1.59	1.13	1.52
Joint tests (χ^2)								
Flooding	2	12**	7+	1	6	8*	0	3
Crop losses	50***	28***	28***	23***	19***	14**	8*	24***
Year indicators	106***	62***	60***	43***	69***	53***	953***	73***
Thana indicators	120***	118***	151***	108***	92***	49***	91***	50***

Model also includes indicators for thana and year, not shown.

PCE = per capita expenditure

+ p<0.10, * p<0.05, ** p<0.01, *** p<0.001

S8. Main results of Specifications E-H, including odds ratios, significance tests, and IV coefficients.

Exposure to natural disasters	Logit		Multinomial				Descriptive values	
	All mobility		In district		Out of district		Mean	SD
E. Subdistrict X household interactions[1]								
Flooding: subdistrict low X household yes	0.83		0.31	*	1.55		0.01	0.08
Subdistrict moderate X household no	1.07		1.56	**	0.72	+	0.06	0.23
Subdistrict moderate X household yes	1.15		1.38		0.93		0.01	0.08
Subdistrict severe X household no	0.90		1.02		0.75		0.07	0.25
Subdistrict severe X household yes	1.03		1.15		0.91		0.04	0.20
Crop failure: subdistrict low X household yes	0.71	+	0.74		0.55		0.01	0.09
Subdistrict moderate X household no	1.19	+	1.46	**	0.95		0.19	0.39
Subdistrict moderate X household yes	0.75		0.97		0.55	+	0.03	0.16
Subdistrict severe X household no	2.39	***	2.96	***	1.84	**	0.03	0.16
Subdistrict severe X household yes	1.53		2.11	*	0.96		0.01	0.10
F. Multiple temporal lags								
Flooding: Household exposed in year t	1.26		1.11		1.50	+	0.03	0.16
Household exposed in year t-1	0.92		0.81		1.10		0.03	0.17
Percent exposed in subdistrict in year t	1.00		1.00		0.99		2.33	7.19
Percent exposed in subdistrict in year t-1	1.00		1.01	+	0.99		2.41	7.30
Crop failure: Household exposed in year t	0.67	*	0.84		0.42	***	0.02	0.16
Household exposed in year t-1	0.57	**	0.48	**	0.66		0.02	0.15
Percent exposed in subdistrict in year t	1.03	***	1.03	**	1.03	*	1.97	3.92
Percent exposed in subdistrict in year t-1	1.05	***	1.05	***	1.04	**	1.83	3.73
G. Stratified by baseline survey								
Survey 1 (n = 5,855)								
Flooding: Household exposed	0.95		0.86		1.14		0.06	0.23
Percent exposed in subdistrict	0.99	*	0.99		0.97	**	4.31	10.84
Crop failure: Household exposed	1.04		1.09		0.91		0.05	0.22
Percent exposed in subdistrict	1.02		1.07	***	0.94		2.54	4.29
Survey 2 (n = 21,857)								
Flooding: Household exposed	1.32	*	1.16		1.46	*	0.05	0.22
Percent exposed in subdistrict	1.00		1.00		1.00		4.36	9.44
Crop failure: Household exposed	0.52	***	0.51	*	0.52	**	0.04	0.19
Percent exposed in subdistrict	1.02	+	1.03		1.02		3.50	5.46
Survey 3 (n = 4,517)								
Flooding: Household exposed	0.83		0.68		1.25		0.08	0.28
Percent exposed in subdistrict	0.99		0.99		0.99		7.06	11.25
Crop failure: Household exposed	0.64	+	0.86		0.38	*	0.09	0.28
Percent exposed in subdistrict	1.03	*	1.01		1.05	*	6.61	8.58
H. IV model: Cost-based measures of exposure[2,3]								
Endogenous variables								
Ln(household flooding losses +1)	0.10	+	0.06		0.04		0.15	0.64
Ln(household crop losses +1)	0.34	*	0.21	*	0.14	+	0.11	0.51
Specification tests								
Underidentification (Kleibergen-Paap)	11.2	*	11.4	**	11.4	**	-	-
Overidentification (Hansen)	0.2		0.8		0.1		-	-
Weak identification (Cragg-Donald)	8.5		8.8		8.8		-	-

Models also include control variables and indicators for the subdistrict and year.

+ p<0.10, * p<0.05, ** p<0.01, *** p<0.001

[1] Reference category is "subdistrict low, household no".

[2] Losses measured in '000 taka.

[3] Second stage results from three linear instrumental variables models of mobility, presented as untransformed coefficients. Models for overall, within-district and out-of-district mobility were each estimated separately using the two-step generalized method of moments estimator. N = 26,211

S9. First stage results of the instrumental variables model, Specification H.

Exogenous variables	Endogenous variables: Ln(household flooding losses +1)		Endogenous variables: Ln(household crop losses +1)	
Individual controls				
Female	-0.01		0.00	
Age 17-19	0.00		-0.01	
Age 20-24	0.00		0.01	
Age 25-29	0.01		0.01	
Age 30-39	0.02		0.04	+
Child of head	-0.02		0.01	
Primary education	0.01		0.01	
Secondary education	-0.01		-0.01	
Has a child	-0.01		-0.02	
Household controls				
Household size	0.02	**	0.01	+
Proportion of minors	0.00		0.00	**
Head is female	-0.06		0.02	
Head is non-Muslim	-0.06		-0.05	
Head has primary education	0.00		-0.06	**
Head has secondary education	0.07	*	-0.02	
Ln(expenditures per capita)	0.03		0.03	
Ln(land area+1)	0.01		0.03	***
Land with irrigation	0.05	+	0.00	
Village and subdistrict controls				
Rich community	-0.11	**	-0.06	*
Poor community	0.00		0.00	
Jute-producing community	-0.15	**	-0.07	+
Community has a road	0.06		0.04	+
Community has a school	0.01		0.04	+
Subdistrict propensity of local moves	0.00		0.01	*
Subdistrict propensity of out-migration	0.02	**	0.00	
Instruments				
Annual rainfall/median rainfall, year t	-8.31	**	2.19	+
(Annual rainfall/median rainfall)^2, year t	4.04	**	-1.23	+
Annual rainfall/median rainfall, year t-1	-3.30		2.95	*
(Annual rainfall/median rainfall)^2, year t-1	1.91		-1.34	*
Measures of model fit				
F test of instruments	3.96	**	3.15	*
R-squared	0.031		0.024	

Notes: Models also include indicators for the subdistrict and year. Annual rainfall values were extracted at the subdistrict level from NASA's Prediction of Worldwide Energy Resources dataset (http://power.larc.nasa.gov/), which provides global daily precipitation values at 1 degree resolution from a variety of satellite sources. Because the data are restricted to the period 1997-2009, the sample size is restricted to N = 26,211 person-years.

S10. Determinants of sample attrition with alternative measures of exposure.

	Logit		Multinomial logit				Logit	
Predictor	All attrition		Household lost		Individual lost		Individual lost[1]	
Individual-level controls								
Female	1.28	*	1.33	*	1.22		1.22	
Age	0.99		0.94	+	1.06	*	1.06	*
Age squared	1.00		1.00		1.00	*	1.00	*
Child of head	0.57	**	0.50	*	0.60	*	0.61	*
Household-level controls								
Household size	0.88	**	0.77	*	0.92	*	0.93	
Proportion of minors	1.01		1.02	+	1.00		1.00	
Head is female	1.65	+	1.15		2.05	*	2.11	*
Head is non-Muslim	0.71		0.39		0.97		0.92	
Head has primary education	1.31		1.33		1.24		1.19	
Head has secondary education	1.19		0.98		1.46		1.43	
Ln(expenditures per capita)	1.37		2.08		0.84		0.90	
Ln(land area+1)	0.79	**	0.61	**	1.08		1.09	
Land with irrigation	1.02		0.99		1.26		1.29	
Community-level controls								
Rich community	1.01		1.00		1.22		1.19	
Poor community	0.81		1.19		0.59	*	0.58	*
Jute-producing community	0.94		2.10	+	0.47	*	0.52	+
Cumulative village shocks (mean annual percent of households exposed in village)								
Flooding	0.90		0.81		0.99			
Crop losses	0.93		0.97		0.84	+		
Livestock deaths	0.85	*	0.74	+	0.91			
Health shocks	1.08		1.12		1.06			
Cumulative household shocks (number of times household exposed over study period)								
Flooding							0.85	
Crop losses							0.65	*
Livestock deaths							0.93	
Health shocks							1.08	
Joint test of flooding & crop losses	**2.12**		**4.00**				**4.41**	
N (individuals)	6060		6060				5668	
Percent lost to follow up	6.47		3.05		3.42		3.16	

Model also includes indicators for subdistrict and year.
+ p<0.10, * p<0.05, ** p<0.01, *** p<0.001
[1] Conditional on whole household not being lost

Note: Models also include indicators for the subdistrict. Because these models are cross-sectional rather than longitudinal, alternative measures of exposure were developed to identify disaster effects when subdistrict fixed effects are controlled. For the case of households lost to follow up, exposure is measured by the cumulative proportion of households exposed in the village. For the case of individuals lost to follow up (where household data are available), exposure is measured by the cumulative number of times the household was exposed over the study period.