

Changing Generational Exchanges across the Young Adult Years: Interlocking Lives, Migration and remittances in Thailand

As indicated in the abstract, this paper is concerned with inter-generational relations in a setting where out-migration is common and the society is in the processes of transitioning towards an urban, industrial and post-industrial country. For migrants aged 14-34, we have information on remittances (money and goods) sent to origin household and received from origin household, as well as whether the migrant returned to the origin village to help with the rice harvest. We are able to examine the patterns of generational exchanges within the context of the lives to which the migrant is linked, including parents (alive or not, elderly or not), spouse (married or not, if married whether the spouse is in origin village or in destination with migrant) and children (parent or not, and if parent whether the children are in origin village or destination with migrant). The origin households are in Nang Rong district, Northeast Thailand. The migrants are primarily in two types of destinations: urban settings such as Bangkok and other rural areas.

The paper has not yet been written, but the analyses are essentially finished (except for those additional analyses that almost inevitably arise in the process of writing a paper. The paper will employ the life course framework (Elder 1997), focusing, in particular, on the concept of linked lives over the life course. Our general expectation is that as migrants take on the responsibilities that come with marriage and parenthood, remittances to origin household and helping with the rice harvest diminish, but this is conditioned by characteristics of the migrant's parents and by whether the spouse/children reside in the origin village. In general, our findings are consistent with these expectations. Preliminary versions of the tables are presented below.

We do not anticipate any difficulty in having complete draft of the paper ready for the PAA meetings, and sufficiently early so that the discussant can prepare her or his remarks.

Table 1. Frequency Distributions of Dependent Variables for Nang Rong Migrants Age 14 - 34 in 1994

Variable	Frequency	Percent
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Migrant-to-Household Monetary Remittance:

Remittance was not sent	1430	44.37
Remittance was sent	1793	55.63
Total	3223	100.00

Migrant-to-Household In-kind Remittance:

Remittance was not sent	2016	62.55
Remittance was sent	1207	37.45
Total	3223	100.00

Household-to-Migrant Monetary Remittance:

Remittance was not sent	2767	85.85
Remittance was sent	456	14.15
Total	3223	100.00

Household-to-Migrant In-kind Remittance:

Remittance was not sent	2742	85.08
Remittance was sent	481	14.92
Total	3223	100.00

Migrant-to-Household Help with the Rice Harvest:

No help was given	2897	89.89
Help was given	326	10.11
Total	3223	100.00

Table 2. Descriptive Statistics of Independent Variables for Nang Rong Migrants Age 14 - 34 in 1994

Variable	Min	Max	Mean	Std Dev
<i>Migrant's Parents Characteristics</i>				
Only Father Lives in Origin Household	0	1	0.05	0.22
Only Mother Lives in Household	0	1	0.18	0.38
Neither Parent Lives in Origin Household	0	1	0.13	0.33
Both Parents Live in Origin Household, Both are Old and Needy (60+)	0	1	0.10	0.30
Both Parents Live in Origin Household, One is Old and Needy (60+)	0	1	0.08	0.27
Both Parents Live in Origin Household, Neither is Old and Needy (60+)	0	1	0.46	0.50
<i>Migrant's Spouse Characteristics</i>				
Ego Migrant is Never-Married to Spouse	0	1	0.56	0.50
Ego Migrant is Post-Married to Spouse	0	1	0.02	0.12
Ego Migrant's Spouse Lives in Origin Household	0	1	0.01	0.10
Ego Migrant's Spouse Lives in Origin Village, Different Household	0	1	0.01	0.10
Spouse is a Migrant in Different Location than Ego Migrant	0	1	0.06	0.24
Ego Migrant's Spouse Circumstances are Unknown	0	1	0.02	0.15
Spouse is a Migrant in Same Location than Ego Migrant	0	1	0.32	0.47
<i>Migrant's Children Characteristics</i>				
One or More of Ego Migrant's Children Lives in the Origin Household	0	1	0.02	0.13
<i>Migrant's Demographic Characteristics</i>				
Ego Migrant's Age	14	34	23.09	4.98
Ego Migrant's is a Male	0	1	0.54	0.50
Ego Migrant's Education is Less Than Primary	0	1	0.24	0.43
Ego Migrant's Education is Greater Than Primary	0	1	0.18	0.38
Ego Migrant's Education is Primary	0	1	0.58	0.49
Ego Migrant is Not Employed	0	1	0.04	0.19
Ego Migrant is Employed in Non-Agriculture	0	1	0.61	0.49
Ego Migrant is Employed in Agriculture	0	1	0.36	0.48
<i>Household Characteristics</i>				
Number of Migrants from Origin Household in 1994	0	10	1.68	1.58
Number of Local Movers from Origin Household Between 1984-1994	0	10	0.53	1.06

Table 3. Logistic Regression Coefficient Estimates, Standard Errors, and Odds Ratios for Monetary and In-Kind Remittance for Migrants-to-Households, Households-to-Migrants, and Rice Help for Migrants Aged 14 - 34 in 1994

Variable	Migrant-to-HH, Money ¹			Migrant-to-HH, In-Kind ¹			HH-to-Migrant, Money ¹			HH-to-Migrant, In-Kind ¹			Rice Help ¹		
	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio
Intercept	-1.026***	0.305	0.358	-1.535***	0.306	0.215	-1.283**	0.459	0.277	-1.692***	0.438	0.184	-0.414	0.451	0.661
<i>Migrant's Parents Characteristics</i>															
Only Father Lives in Origin Household	-0.374	0.196	0.688	-0.386*	0.187	0.680	-0.314	0.277	0.731	-0.398	0.239	0.672	-0.289	0.297	0.749
Only Mother Lives in Household	-0.015	0.120	0.985	-0.173	0.105	0.841	-0.396*	0.166	0.673	-0.128	0.140	0.880	-0.036	0.171	0.965
Neither Parent Lives in Origin Household	-1.239***	0.135	0.290	-0.866***	0.120	0.420	-0.873***	0.191	0.418	-0.448*	0.210	0.639	-0.989***	0.253	0.372
Both Parents Live in Origin Household, Both are Old and Needy (60+)	0.084	0.138	1.088	0.050	0.113	1.051	-0.282	0.199	0.754	-0.104	0.182	0.901	-0.223	0.249	0.800
Both Parents Live in Origin Household, One is Old and Needy (60+)	-0.091	0.163	0.913	-0.097	0.140	0.907	-0.207	0.180	0.813	-0.247	0.209	0.781	-0.327	0.270	0.721
(Both Parents Live in Origin Household, Neither is Old and Needy (60+))															
<i>Migrant's Spouse Characteristics</i>															
Ego Migrant is Never-Married to Spouse	1.197***	0.117	3.309	0.267*	0.117	1.306	0.38*	0.163	1.462	0.081	0.115	1.085	0.461**	0.171	1.585
Ego Migrant is Post-Married to Spouse	0.522	0.333	1.686	0.055	0.361	1.057	0.634	0.421	1.886	-0.489	0.548	0.613	0.263	0.555	1.301
Ego Migrant's Spouse Lives in Origin Household	1.997***	0.530	7.367	-0.153	0.530	0.858	1.048	0.710	2.853	-0.034	0.727	0.966	1.315**	0.506	3.724
Household	-0.679	0.469	0.507	-1.298*	0.547	0.273	-0.226	0.768	0.798	-1.739	1.018	0.176	-0.474	0.751	0.622
Spouse is a Migrant in Different Location than Ego Migrant	0.514**	0.190	1.671	0.014	0.168	1.014	-0.116	0.298	0.890	-0.385	0.323	0.681	-0.042	0.309	0.959
Ego Migrant's Spouse Circumstances are Unknown	0.244	0.262	1.276	-0.040	0.320	0.961	-0.191	0.410	0.826	0.383	0.338	1.466	-0.287	0.534	0.751
(Spouse is a Migrant in Same Location than Ego Migrant)															
<i>Migrant's Children Characteristics</i>															
One or More of Ego Migrant's Children Lives in the Origin Household	1.823***	0.379	6.191	0.83**	0.292	2.294	-0.683	0.697	0.505	-0.255	0.633	0.775	1.317**	0.462	3.733
<i>Migrant's Demographic Characteristics</i>															
Ego Migrant's Age	0.033*	0.013	1.034	0.056***	0.012	1.057	-0.015	0.018	0.985	0.016	0.019	1.016	-0.04*	0.019	0.961
Ego Migrant's is a Male	-0.649***	0.082	0.523	-0.935***	0.065	0.393	0.443***	0.104	1.557	0.011	0.114	1.011	0.176	0.127	1.192
(Ego Migrant's is a Female)															
Ego Migrant's Education is Less Than Primary	-0.327**	0.123	0.721	-0.343**	0.125	0.710	-0.290	0.163	0.748	-0.351*	0.165	0.704	-0.387	0.199	0.679
Ego Migrant's Education is Greater Than Primary	-0.351**	0.121	0.704	-0.093	0.119	0.911	0.297	0.156	1.345	0.019	0.141	1.019	-0.978***	0.254	0.376
(Ego Migrant's Education is Primary)															
Ego Migrant is Not Employed	-1.525***	0.322	0.218	-1.116***	0.273	0.328	1.187***	0.289	3.278	0.523	0.287	1.686	-2.202**	0.750	0.111
Ego Migrant is Employed in Non-Agriculture	0.742***	0.081	2.100	0.52***	0.105	1.682	-0.319*	0.134	0.727	-0.206	0.127	0.814	-1.336***	0.134	0.263
(Ego Migrant is Employed in Agriculture)															
<i>Household Characteristics</i>															
Number of Migrants from Origin Household in 1994	0.015	0.027	1.015	0.008	0.028	1.008	-0.188***	0.041	0.829	-0.064	0.037	0.938	-0.103*	0.043	0.902
Number of Local Movers from Origin Household Between 1984-1994	0.011	0.037	1.011	0.005	0.039	1.005	-0.144*	0.061	0.866	-0.104	0.056	0.901	-0.058	0.068	0.943
N	3223			3223			3223			3223			3223		
BIC															
AIC															

¹ Note: Model was estimated using Generalized Estimation Equations (GEE) Robust Variance Estimation

Table 4. Sensativity Analysis for Duration and Duration Squared

Variable	Migrant-to-HH, Money ¹			Migrant-to-HH, In-Kind ¹			HH-to-Migrant, Money ¹			HH-to-Migrant, In-Kind ¹			Rice Help ¹		
	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio
Intercept	-1.235***	0.313	0.291	-1.663***	0.326	0.190	-1.305**	0.462	0.271	-1.737***	0.448	0.176	-0.317	0.456	0.729
<i>Migrant's Parents Characteristics</i>															
Only Father Lives in Origin Household	-0.390	0.199	0.677	-0.413*	0.187	0.661	-0.276	0.278	0.759	-0.380	0.239	0.684	-0.209	0.304	0.811
Only Mother Lives in Household	-0.030	0.120	0.970	-0.191	0.103	0.826	-0.369*	0.168	0.692	-0.116	0.138	0.890	0.039	0.175	1.040
Neither Parent Lives in Origin Household	-1.26***	0.137	0.284	-0.895***	0.122	0.409	-0.792***	0.194	0.453	-0.412*	0.210	0.662	-0.835**	0.260	0.434
Both Parents Live in Origin Household, Both are Old and Needy (60+)	0.069	0.140	1.072	0.040	0.111	1.041	-0.293	0.198	0.746	-0.108	0.182	0.898	-0.204	0.254	0.815
Both Parents Live in Origin Household, One is Old and Needy (60+)	-0.116	0.162	0.891	-0.116	0.137	0.890	-0.201	0.182	0.818	-0.245	0.210	0.783	-0.286	0.275	0.751
(Both Parents Live in Origin Household, Neither is Old and Needy (60+))															
<i>Migrant's Spouse Characteristics</i>															
Ego Migrant is Never-Married to Spouse	1.269***	0.118	3.558	0.33**	0.116	1.391	0.290	0.158	1.336	0.054	0.117	1.056	0.136	0.175	1.146
Ego Migrant is Post-Married to Spouse	0.602	0.330	1.826	0.146	0.364	1.157	0.476	0.418	1.609	-0.544	0.546	0.580	-0.185	0.560	0.831
Ego Migrant's Spouse Lives in Origin Household	2.16***	0.557	8.672	-0.035	0.545	0.966	0.881	0.758	2.414	-0.085	0.715	0.918	0.824	0.518	2.280
Household	-0.697	0.482	0.498	-1.316*	0.561	0.268	-0.263	0.773	0.769	-1.752	1.016	0.173	-0.582	0.769	0.559
Spouse is a Migrant in Different Location than Ego Migrant	0.53**	0.193	1.700	0.032	0.170	1.032	-0.157	0.303	0.854	-0.398	0.325	0.671	-0.181	0.317	0.835
Ego Migrant's Spouse Circumstances are Unknown (Spouse is a Migrant in Same Location than Ego Migrant)	0.274	0.271	1.315	-0.012	0.326	0.988	-0.218	0.405	0.804	0.375	0.336	1.454	-0.434	0.544	0.648
<i>Migrant's Children Characteristics</i>															
One or More of Ego Migrant's Children Lives in the Origin Household	1.998***	0.386	7.374	1.035***	0.307	2.815	-0.931	0.702	0.394	-0.362	0.648	0.696	0.574	0.469	1.776
<i>Migrant's Demographic Characteristics</i>															
Ego Migrant's Age	0.029*	0.014	1.029	0.047***	0.013	1.048	-0.001	0.019	0.999	0.022	0.020	1.023	-0.003	0.020	0.997
Ego Migrant's is a Male (Ego Migrant's is a Female)	-0.651***	0.082	0.522	-0.933***	0.066	0.393	0.434***	0.105	1.543	0.009	0.114	1.009	0.173	0.130	1.189
Ego Migrant's Education is Less Than Primary	-0.316*	0.123	0.729	-0.333**	0.128	0.717	-0.267	0.165	0.765	-0.34*	0.165	0.712	-0.349	0.203	0.705
Ego Migrant's Education is Greater Than Primary (Ego Migrant's Education is Primary)	-0.356**	0.120	0.701	-0.097	0.118	0.908	0.32*	0.158	1.377	0.027	0.141	1.027	-0.959***	0.255	0.383
Ego Migrant is Not Employed	-1.635***	0.326	0.195	-1.229***	0.287	0.293	1.36***	0.283	3.897	0.576*	0.292	1.780	-1.768*	0.752	0.171
Ego Migrant is Employed in Non-Agriculture (Ego Migrant is Employed in Agriculture)	0.684***	0.080	1.982	0.451***	0.105	1.570	-0.218	0.131	0.804	-0.177	0.131	0.838	-1.035***	0.137	0.355
Ego Migrant Duration of Migration	0.021***	0.004	1.021	0.02***	0.004	1.020	-0.016**	0.006	0.984	-0.004	0.006	0.996	-0.061***	0.007	0.941
Ego Migrant Duration of Migration Squared	-0.0002***	0.000	1.000	-0.0002***	0.000	1.000	0.000	0.000	1.000	0.000	0.000	1.000	0.0004***	0.000	1.000
<i>Household Characteristics</i>															
Number of Migrants from Origin Household in 1994	0.010	0.028	1.010	0.002	0.028	1.002	-0.177***	0.041	0.838	-0.060	0.037	0.941	-0.071	0.044	0.932
Number of Local Movers from Origin Household Between 1984-1994	0.009	0.037	1.009	0.003	0.039	1.003	-0.142*	0.061	0.867	-0.103	0.056	0.902	-0.052	0.068	0.949
N	3223			3223			3223			3223			3223		
BIC															
AIC															

*p<.05 **p<.01 ***p<.001 (two-tailed test)

¹Note: Model was estimated using Generalized Estimation Equations (GEE) Robust Variance Estimation

Table 5. Sensativity Analysis for Household Wealth

Variable	Migrant-to-HH, Money ¹			Migrant-to-HH, In-Kind ¹			HH-to-Migrant, Money ¹			HH-to-Migrant, In-Kind ¹			Rice Help ¹		
	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio
Intercept	-1.09***	0.307	0.336	-1.523***	0.301	0.218	-1.232**	0.473	0.292	-1.503***	0.444	0.222	-0.438	0.461	0.645
<i>Migrant's Parents Characteristics</i>															
Only Father Lives in Origin Household	-0.381	0.195	0.683	-0.383*	0.188	0.682	-0.309	0.277	0.734	-0.379	0.241	0.684	-0.291	0.297	0.747
Only Mother Lives in Household	-0.021	0.121	0.979	-0.167	0.105	0.846	-0.395*	0.167	0.673	-0.117	0.141	0.889	-0.030	0.171	0.970
Neither Parent Lives in Origin Household	-1.248***	0.133	0.287	-0.858***	0.120	0.424	-0.87***	0.193	0.419	-0.431*	0.209	0.650	-0.983***	0.253	0.374
Both Parents Live in Origin Household, Both are Old and Needy (60+)	0.076	0.136	1.079	0.057	0.114	1.058	-0.279	0.200	0.757	-0.084	0.186	0.920	-0.217	0.249	0.805
Both Parents Live in Origin Household, One is Old and Needy (60+)	-0.086	0.164	0.917	-0.100	0.140	0.905	-0.210	0.179	0.810	-0.258	0.208	0.773	-0.327	0.270	0.721
(Both Parents Live in Origin Household, Neither is Old and Needy (60+))															
<i>Migrant's Spouse Characteristics</i>															
Ego Migrant is Never-Married to Spouse	1.203***	0.116	3.330	0.264*	0.117	1.302	0.379*	0.163	1.460	0.072	0.116	1.074	0.462**	0.171	1.587
Ego Migrant is Post-Married to Spouse	0.527	0.332	1.694	0.052	0.362	1.053	0.632	0.421	1.881	-0.504	0.552	0.604	0.267	0.555	1.306
Ego Migrant's Spouse Lives in Origin Household	1.991***	0.528	7.322	-0.152	0.530	0.859	1.056	0.709	2.874	-0.034	0.754	0.967	1.313**	0.507	3.718
Ego Migrant's Spouse Lives in Origin Village, Different	-0.677	0.472	0.508	-1.293*	0.544	0.274	-0.230	0.766	0.794	-1.746	1.007	0.174	-0.473	0.751	0.623
Spouse is a Migrant in Different Location than Ego Migrant	0.509**	0.191	1.664	0.021	0.169	1.022	-0.113	0.295	0.893	-0.372	0.324	0.690	-0.038	0.310	0.962
Ego Migrant's Spouse Circumstances are Unknown (Spouse is a Migrant in Same Location than Ego Migrant)	0.245	0.262	1.278	-0.040	0.320	0.961	-0.187	0.409	0.829	0.385	0.340	1.469	-0.288	0.535	0.750
<i>Migrant's Children Characteristics</i>															
One or More of Ego Migrant's Children Lives in the Origin Household	1.807***	0.383	6.091	0.842**	0.291	2.320	-0.679	0.701	0.507	-0.202	0.652	0.817	1.319**	0.463	3.741
<i>Migrant's Demographic Characteristics</i>															
Ego Migrant's Age	0.036**	0.013	1.037	0.054***	0.012	1.055	-0.017	0.018	0.983	0.007	0.020	1.007	-0.04*	0.019	0.960
Ego Migrant's is a Male (Ego Migrant's is a Female)	-0.653***	0.081	0.521	-0.932***	0.065	0.394	0.443***	0.104	1.558	0.019	0.114	1.019	0.178	0.127	1.195
Ego Migrant's Education is Less Than Primary	-0.345**	0.123	0.708	-0.33**	0.125	0.719	-0.279	0.162	0.757	-0.300	0.169	0.741	-0.385	0.199	0.681
Ego Migrant's Education is Greater Than Primary (Ego Migrant's Education is Primary)	-0.305**	0.118	0.737	-0.129	0.116	0.879	0.273	0.161	1.314	-0.097	0.140	0.908	-0.993***	0.257	0.371
Ego Migrant is Not Employed	-1.513***	0.320	0.220	-1.125***	0.273	0.325	1.176***	0.288	3.241	0.478	0.286	1.612	-2.207**	0.750	0.110
Ego Migrant is Employed in Non-Agriculture (Ego Migrant is Employed in Agriculture)	0.749***	0.080	2.114	0.516***	0.105	1.676	-0.325*	0.133	0.722	-0.228	0.128	0.796	-1.337***	0.135	0.263
<i>Household Characteristics</i>															
Household in Top 20% of Wealth Distribution	0.053	0.085	1.054	0.031	0.091	1.031	-0.058	0.135	0.944	-0.176	0.134	0.838	0.053	0.140	1.054
Household in Bottom 33% of Wealth Distribution (Household in Middle 34 - 79 Percentile of Wealth Distribution)	-0.142	0.106	0.868	0.142	0.103	1.152	0.066	0.146	1.068	0.347*	0.161	1.416	0.085	0.175	1.089
Number of Migrants from Origin Household in 1994	0.015	0.027	1.016	0.007	0.028	1.007	-0.188***	0.041	0.829	-0.066	0.037	0.936	-0.104*	0.043	0.901
Number of Local Movers from Origin Household Between 1984-1994	0.010	0.037	1.010	0.007	0.039	1.007	-0.144*	0.061	0.866	-0.103	0.056	0.902	-0.058	0.068	0.944
N	3223			3223			3223			3223			3223		
BIC															
AIC															

*p<.05 **p<.01 ***p<.001 (two-tailed test)

¹ Note: Model was estimated using Generalized Estimation Equations (GEE) Robust Variance Estimation

Table 6. Sensativity Analysis for Student (Excludes Occupation Block)

Variable	Migrant-to-HH, Money ¹			Migrant-to-HH, In-Kind ¹			HH-to-Migrant, Money ¹			HH-to-Migrant, In-Kind ¹			Rice Help ¹		
	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio
Intercept	-0.94**	0.302	0.391	-1.439***	0.286	0.237	-1.089*	0.438	0.337	-1.657***	0.432	0.191	-1.059*	0.439	0.347
<i>Migrant's Parents Characteristics</i>															
Only Father Lives in Origin Household	-0.365	0.192	0.694	-0.391*	0.185	0.676	-0.323	0.276	0.724	-0.398	0.243	0.672	-0.249	0.290	0.779
Only Mother Lives in Household	-0.036	0.117	0.964	-0.183	0.106	0.833	-0.354*	0.159	0.702	-0.116	0.138	0.890	-0.114	0.166	0.892
Neither Parent Lives in Origin Household	-1.271***	0.134	0.280	-0.912***	0.118	0.402	-0.786***	0.183	0.456	-0.416*	0.207	0.660	-0.871***	0.247	0.419
Both Parents Live in Origin Household, Both are Old and Needy (60+)	0.072	0.140	1.075	0.043	0.118	1.044	-0.265	0.195	0.767	-0.102	0.180	0.903	-0.218	0.245	0.804
Both Parents Live in Origin Household, One is Old and Needy (60+)	-0.136	0.156	0.873	-0.124	0.137	0.884	-0.142	0.178	0.868	-0.225	0.211	0.798	-0.377	0.266	0.686
(Both Parents Live in Origin Household, Neither is Old and Needy (60+))															
<i>Migrant's Spouse Characteristics</i>															
Ego Migrant is Never-Married to Spouse	1.372***	0.110	3.944	0.414***	0.111	1.512	0.298	0.164	1.347	0.024	0.117	1.025	-0.002	0.160	0.998
Ego Migrant is Post-Married to Spouse	0.663*	0.328	1.940	0.166	0.354	1.181	0.545	0.417	1.725	-0.538	0.544	0.584	-0.031	0.545	0.970
Ego Migrant's Spouse Lives in Origin Household	1.847***	0.498	6.344	-0.167	0.519	0.846	1.128	0.649	3.089	-0.002	0.721	0.998	1.102*	0.495	3.010
Household	-0.648	0.516	0.523	-1.288*	0.559	0.276	-0.237	0.754	0.789	-1.746	1.015	0.174	-0.562	0.743	0.570
Spouse is a Migrant in Different Location than Ego Migrant	0.623***	0.184	1.864	0.097	0.162	1.102	-0.169	0.296	0.845	-0.417	0.320	0.659	-0.275	0.304	0.760
Ego Migrant's Spouse Circumstances are Unknown (Spouse is a Migrant in Same Location than Ego Migrant)	0.430	0.262	1.537	0.093	0.312	1.097	-0.318	0.412	0.728	0.320	0.343	1.378	-0.570	0.529	0.566
<i>Migrant's Children Characteristics</i>															
One or More of Ego Migrant's Children Lives in the Origin Household	1.853***	0.380	6.381	0.883**	0.305	2.419	-0.725	0.684	0.484	-0.285	0.636	0.752	1.111*	0.450	3.036
<i>Migrant's Demographic Characteristics</i>															
Ego Migrant's Age	0.046***	0.012	1.047	0.063***	0.012	1.065	-0.032	0.018	0.968	0.010	0.019	1.010	-0.031	0.019	0.969
Ego Migrant's is a Male (Ego Migrant's is a Female)	-0.655***	0.079	0.520	-0.944***	0.067	0.389	0.431***	0.100	1.539	0.019	0.113	1.019	0.285*	0.124	1.329
Ego Migrant's Education is Less Than Primary	-0.488***	0.115	0.614	-0.446***	0.124	0.640	-0.143	0.165	0.867	-0.284	0.167	0.753	-0.303	0.194	0.738
Ego Migrant's Education is Greater Than Primary (Ego Migrant's Education is Primary)	-0.555***	0.105	0.574	-0.209	0.111	0.811	0.589***	0.142	1.802	0.127	0.148	1.136	-1.406***	0.241	0.245
Ego Migrant is Not Employed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ego Migrant is Employed in Non-Agriculture (Ego Migrant is Employed in Agriculture)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Household Characteristics</i>															
Number of Migrants from Origin Household in 1994	0.015	0.028	1.015	0.009	0.027	1.009	-0.182***	0.040	0.834	-0.064	0.038	0.938	-0.106*	0.042	0.899
Number of Local Movers from Origin Household Between 1984-1994	0.015	0.037	1.015	0.009	0.039	1.009	-0.145*	0.061	0.865	-0.105	0.056	0.901	-0.060	0.066	0.942
N	3223			3223			3223			3223			3223		
BIC															
AIC															

*p<.05 **p<.01 ***p<.001 (two-tailed test)

¹Note: Model was estimated using Generalized Estimation Equations (GEE) Robust Variance Estimation

Table 7. Sensitivity Analysis for Gender Interactions, Estimated Using Multilevel Model

Fixed Effects	Migrant-to-HH, Money			Migrant-to-HH, In-Kind			HH-to-Migrant, Money			HH-to-Migrant, In-Kind			Rice Help		
	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio	Coeff	Std Err	Odds Ratio
Intercept	-1.477***	0.430	0.228	-2.389***	0.406	0.092	-0.900	0.606	0.407	-1.293*	0.526	0.274	0.507	0.683	1.660
<i>Migrant's Parents Characteristics</i>															
Only Father Lives in Origin Household	-0.719**	0.268	0.487	-0.421	0.255	0.657	0.068	0.376	1.070	-0.025	0.327	0.975	-0.765	0.506	0.465
Only Mother Lives in Household	-0.095	0.174	0.910	-0.358*	0.159	0.699	-0.301	0.242	0.740	-0.094	0.209	0.911	-0.246	0.284	0.782
Neither Parent Lives in Origin Household	-1.383***	0.199	0.251	-1.195***	0.198	0.303	-1.036**	0.353	0.355	-0.443	0.265	0.642	-1.033**	0.385	0.356
Both Parents Live in Origin Household, Both are Old and Needy (60+)	0.184	0.234	1.202	0.085	0.209	1.089	-0.497	0.352	0.608	-0.030	0.276	0.970	0.010	0.378	1.010
Both Parents Live in Origin Household, One is Old and Needy (60+)	-0.167	0.232	0.846	0.096	0.215	1.101	-0.117	0.334	0.889	-0.046	0.287	0.955	-0.146	0.379	0.864
(Both Parents Live in Origin Household, Neither is Old and Needy (60+))															
<i>Migrant's Spouse Characteristics</i>															
Ego Migrant is Never-Married to Spouse	1.387***	0.156	4.001	0.573***	0.146	1.774	0.72**	0.238	2.055	-0.053	0.192	0.948	0.420	0.260	1.521
Ego Migrant is Post-Married to Spouse	0.553	0.444	1.738	0.195	0.418	1.215	0.689	0.638	1.992	-0.515	0.523	0.597	0.337	0.686	1.401
Ego Migrant's Spouse Lives in Origin Household	2.004***	0.542	7.422	-0.074	0.492	0.929	1.059	0.556	2.883	1.955	1.541	7.066	1.521**	0.576	4.576
Ego Migrant's Spouse Lives in Origin Village, Different Household	-0.224	0.751	0.799	-1.279	0.838	0.278	-0.279	0.607	0.757	-1.633	0.991	0.195	-0.378	0.760	0.685
Spouse is a Migrant in Different Location than Ego Migrant	0.606*	0.257	1.833	0.322	0.250	1.380	0.626	0.397	1.870	0.053	0.348	1.054	0.310	0.434	1.363
Ego Migrant's Spouse Circumstances are Unknown (Spouse is a Migrant in Same Location than Ego Migrant)	-0.058	0.331	0.944	-0.361	0.334	0.697	-0.668	0.722	0.513	0.332	0.383	1.393	0.019	0.654	1.019
<i>Migrant's Children Characteristics</i>															
One or More of Ego Migrant's Children Lives in the Origin Household	2.042***	0.516	7.710	1.15**	0.446	3.157	-0.656	0.691	0.519	-0.071	0.636	0.931	1.675**	0.616	5.337
<i>Migrant's Demographic Characteristics</i>															
Ego Migrant's Age	0.051**	0.018	1.052	0.083***	0.017	1.086	-0.044	0.025	0.957	-0.010	0.022	0.990	-0.089**	0.030	0.915
Ego Migrant's is a Male (Ego Migrant's is a Female)	0.323	0.592	1.382	0.965	0.586	2.625	0.238	0.788	1.269	-0.591	0.740	0.554	-1.400	0.939	0.247
Ego Migrant's Education is Less Than Primary	-0.442*	0.190	0.643	-0.384*	0.180	0.681	0.249	0.300	1.282	0.046	0.237	1.048	0.168	0.316	1.183
Ego Migrant's Education is Greater Than Primary (Ego Migrant's Education is Primary)	-0.563**	0.192	0.570	-0.245	0.177	0.783	0.713**	0.238	2.040	-0.050	0.232	0.952	-0.544	0.410	0.580
Ego Migrant is Not Employed	-1.253***	0.371	0.286	-1.05**	0.399	0.350	0.610	0.378	1.840	0.372	0.396	1.451	-2.614*	1.073	0.073
Ego Migrant is Employed in Non-Agriculture (Ego Migrant is Employed in Agriculture)	0.895***	0.136	2.448	0.702***	0.132	2.018	-0.748***	0.204	0.474	-0.115	0.174	0.892	-1.544***	0.216	0.214
<i>Household Characteristics</i>															
Number of Migrants from Origin Household in 1994	-0.010	0.038	0.990	0.009	0.036	1.009	-0.266***	0.065	0.767	-0.11*	0.050	0.896	-0.044	0.063	0.956
Number of Local Movers from Origin Household Between 1984-1994	0.078	0.061	1.081	0.084	0.056	1.087	-0.099	0.097	0.906	-0.045	0.076	0.956	-0.156	0.122	0.856
<i>Gender Interactions</i>															
Only Father Lives in Origin Household*Male	0.632	0.362	1.882	-0.010	0.371	0.990	-0.749	0.521	0.473	-1.017	0.538	0.362	0.693	0.633	1.999
Only Mother Lives in Household*Male	0.160	0.229	1.174	0.322	0.222	1.380	-0.293	0.315	0.746	-0.069	0.285	0.934	0.362	0.362	1.436
Neither Parent Lives in Origin Household*Male	0.214	0.274	1.239	0.585**	0.281	1.794	0.002	0.437	1.002	-0.133	0.360	0.875	0.096	0.512	1.100
Both Parents Live in Origin Household, Both are Old and Needy (60+)*Male	-0.129	0.301	0.879	-0.086	0.287	0.918	0.168	0.434	1.183	-0.094	0.372	0.910	-0.464	0.510	0.629
Both Parents Live in Origin Household, One is Old and Needy (60+)*Male	0.167	0.318	1.181	-0.442	0.316	0.643	-0.245	0.440	0.782	-0.403	0.414	0.668	-0.478	0.555	0.620
Ego Migrant is Never-Married to Spouse*Male	-0.319	0.217	0.727	-0.668**	0.214	0.513	-0.653*	0.307	0.520	0.179	0.273	1.196	0.207	0.358	1.229
Ego Migrant is Post-Married to Spouse*Male	-0.149	0.669	0.861	-0.345	0.684	0.708	-0.135	0.908	0.874	-	-	-	-0.453	1.272	0.636
Ego Migrant's Spouse Lives in Origin Household*Male	-	-	-	-	-	-	-	-	-	-1.696	1.684	0.183	-	-	-
Ego Migrant's Spouse Lives in Origin Village, Different Household*Male	-0.835	0.939	0.434	-0.384	1.121	0.681	-	-	-	-	-	-	-	-	-
Spouse is a Migrant in Different Location than Ego Migrant*Male	-0.110	0.343	0.896	-0.416	0.350	0.660	-1.436**	0.555	0.238	-0.621	0.507	0.538	-0.462	0.635	0.630
Ego Migrant's Spouse Circumstances are Unknown*Male	0.544	0.506	1.722	0.494	0.512	1.638	0.159	0.911	1.172	-0.401	0.632	0.670	-0.918	1.228	0.399
One or More of Ego Migrant's Children Lives in the Origin Household*Male	-0.285	0.793	0.752	-0.718	0.676	0.488	-	-	-	-1.180	1.264	0.307	-0.700	0.903	0.497
Ego Migrant's Age*Male	-0.038	0.024	0.962	-0.06*	0.024	0.942	0.025	0.032	1.025	0.033	0.030	1.034	0.075	0.039	1.078
Ego Migrant's Education is Less Than Primary*Male	0.267	0.247	1.306	0.148	0.245	1.160	-0.681	0.372	0.506	-0.619	0.324	0.538	-0.793	0.411	0.453
Ego Migrant's Education is Greater Than Primary*Male	0.337	0.245	1.400	0.272	0.235	1.313	-0.77*	0.300	0.463	0.044	0.299	1.045	-0.610	0.528	0.543
Ego Migrant is Not Employed*Male	-0.535	0.580	0.586	-0.034	0.643	0.967	0.998	0.519	2.714	0.360	0.540	1.433	0.526	1.514	1.691
Ego Migrant is Employed in Non-Agriculture*Male	-0.251	0.180	0.778	-0.315	0.183	0.730	0.606*	0.254	1.832	-0.190	0.232	0.827	0.252	0.281	1.287
Number of Migrants from Origin Household in 1994*Male	0.059	0.052	1.061	0.001	0.051	1.001	0.144	0.081	1.155	0.098	0.068	1.103	-0.120	0.087	0.887
Number of Local Movers from Origin Household Between 1984-1994*Male	-0.118	0.080	0.889	-0.134	0.079	0.875	-0.040	0.125	0.961	-0.066	0.108	0.936	0.184	0.148	1.202
N		3223			3223			3223			3223			3223	
-2 LL		14571.374			14432.938			17004.241			16271.629			18349.243	
BIC		14580.000			14441.600			17012.900			16280.300			18357.900	
AIC		14575.400			14436.900			17008.200			16275.600			18353.200	
*p<.05 **p<.01 ***p<.001 (two-tailed test)															
Random Effects	Var Comp	Std Err	ICC	Var Comp	Std Err	ICC	Var Comp	Std Err	ICC	Var Comp	Std Err	ICC	Var Comp	Std Err	ICC
<i>Level-one random effects</i>															
var(R_{ij}) = $\pi^2/3$	3.29	-	-	3.29	-	-	3.29	-	-	3.29	-	-	3.29	-	-
<i>Level-two random effects</i>															
var(U_{ij}) = τ^2	0.136	0.044	0.040	0.215	0.057	0.061	0.584	0.144	0.151	0.478	0.124	0.127	0.328	0.104	0.091