

Supplementary file S2

Fixed-effect estimates (logit scale) from a Beta-GLMM for chip consumption classes, transport distance categories, and their interaction.

Supplementary table S1. Fixed-effect parameter estimates (logit-scale) from the generalized linear mixed model assuming a beta distribution (Beta-GLMM), fitted for chip consumption classes, transport distance categories, and their interaction. One level per factor is omitted due to GLM parameterization.

Parameter estimates for Fixed Effects (in logit scale)							
Effect	Consumption class	Distance category	Estimate	Standard Error	DF	t Value	P value
Intercept			-3.8174	0.4089	804.4	-9.34	<.0001
Distance category		0-25km	2.3353	0.4580	767.7	5.10	<.0001
Distance category		25-50km	3.0043	0.4472	772.1	6.72	<.0001
Distance category		50-75km	2.6683	0.4516	770.2	5.91	<.0001
Distance category		75-100km	2.0410	0.4657	765.1	4.38	<.0001
Distance category		100-150km	1.6295	0.4805	761.1	3.39	0.0007
Distance category		150_or over	0	.	.	.	.
Consumption class	0-5000		-2.1098	1.5203	804.4	-1.39	0.166
Consumption class	5000-20000		-1.9771	1.2665	804.4	-1.56	0.119
Consumption class	20000-700000		0	.	.	.	.
consumption*distance	0-5000	0-25km	3.2170	1.5642	790.4	2.06	0.040
consumption*distance	0-5000	25-50km	2.4414	1.5615	790.7	1.56	0.118
consumption*distance	0-5000	50-75km	1.6412	1.5751	787.3	1.04	0.298
consumption*distance	0-5000	75-100km	0.3151	1.6683	771.5	0.19	0.850
consumption*distance	0-5000	100-150km	0.1449	1.7389	764.5	0.08	0.934
consumption*distance	0-5000	150_or over	0	.	.	.	.
consumption*distance	5000-20000	0-25km	2.4190	1.3133	787.5	1.84	0.066
consumption*distance	5000-20000	25-50km	2.6377	1.3051	789.6	2.02	0.044
consumption*distance	5000-20000	50-75km	1.3904	1.3203	785.2	1.05	0.293
consumption*distance	5000-20000	75-100km	1.4389	1.3387	781	1.07	0.283
consumption*distance	5000-20000	100-150km	0.8287	1.3902	771.7	0.60	0.551
consumption*distance	5000-20000	150_or over	0	.	.	.	.
consumption*distance	20000-700000	0-25km	0	.	.	.	.
consumption*distance	20000-700000	25-50km	0	.	.	.	.
consumption*distance	20000-700000	50-75km	0	.	.	.	.
consumption*distance	20000-700000	75-100km	0	.	.	.	.
consumption*distance	20000-700000	100-150km	0	.	.	.	.
consumption*distance	20000-700000	150_or over	0	.	.	.	.