Annex E: Preference clusters: descriptive statistics and distributions

Table 1 : Descriptive Statistics

	Cluster 1 (n=29) "Fertility-minded"		Cluster 2 (n=46) "Constrained"		Cluster 3 (n=14) "Income maximisers"		Cluster 4 (n=23) "Risk-averse"		Kruskal – Wallis					
	Median	Sd	Median	Sd	Median	Sd	Median	Sd		PH 1-2	PH 1-3	PH 1-4	PH 2-3	PH 2-4	PH 3-4
Variables used to define the clusters															
Exp. Income	0.05	*0.01*	0.04	*0.00*	0.07	*0.03*	0.04	*0.01*	0.00	**0.00**	0.97	**0.00**	**0.01**	0.98	**0.01**
Labour	-0.02	*0.01*	-0.03	*0.01*	-0.02	*0.02*	-0.02	*0.01*	0.00	**0.00**	1.00	0.23	**0.06**	0.51	0.52
Cash outflow	-0.01	*0.01*	-0.03	*0.01*	-0.02	*0.03*	0.00	*0.01*	0.00	**0.00**	0.31	0.21	0.27	**0.00**	**0.01**
Low Max Loss	1.68	*0.21*	1.23	*0.28*	1.39	*0.66*	2.28	*0.11*	0.00	**0.00**	**0.06**	**0.00**	0.94	**0.00**	**0.00**
High Max Loss	-1.37	*0.31*	-0.79	*0.37*	-0.86	*0.84*	-2.19	*0.15*	0.00	**0.00**	**0.06**	**0.00**	0.99	**0.00**	**0.00**
Lower Fertility	-5.39	*0.23*	-5.53	*0.69*	-3.57	*0.86*	-4.49	*0.46*	0.00	0.99	**0.00**	**0.00**	**0.00**	**0.00**	0.66
Higher Fertility	3.99	*0.30*	4.18	*0.81*	2.02	*0.88*	2.94	*0.54*	0.00	0.99	0.00	**0.00**	**0.00**	**0.00**	0.64
Additional socio-economic and structural variables[*]															
Age	48.55	*12.09*	46.84	*11.90*	44.33	*12.52*	42.10	*10.60*	0.16	0.50	0.24	**0.04**	0.44	**0.09**	0.67
Fam. Lab. (FL)	3.31	*1.42*	3.28	*1.16*	3.42	*1.08*	3.00	*0.96*	0.68	0.83	0.57	0.50	0.64	0.33	0.27
Fam. Size (FS)	5.52	*2.15*	5.42	*1.72*	5.25	*1.42*	5.10	*1.61*	0.84	0.90	0.72	0.42	0.77	0.43	0.80
Cult. Area (CA)	3.87	*2.62*	3.79	*1.91*	4.06	*3.75*	3.43	*1.82*	0.88	0.88	0.73	0.61	0.63	0.47	0.96
Labour/CA	1.15	*0.95*	1.24	*1.81*	2.20	*2.71*	1.17	*0.82*	0.94	0.90	0.65	0.81	0.57	0.69	0.79
Size /CA	2.97	*6.30*	1.99	*2.27*	3.30	*3.77*	2.08	*1.74*	0.97	0.90	0.68	0.72	0.73	0.79	0.89
Pad/CA	0.30	*0.14*	0.35	*0.19*	0.30	*0.27*	0.35	*0.17*	0.43	0.42	0.44	0.38	**0.16**	0.85	**0.15**
Paddy Area/FS	0.24	*0.20*	0.26	*0.24*	0.21	*0.18*	0.25	*0.19*	0.94	0.92	0.64	0.86	0.57	0.92	0.55
Maize Area/CA	0.58	*0.21*	0.55	*0.23*	0.53	*0.30*	0.56	*0.22*	0.98	0.77	0.81	0.94	0.97	0.71	0.77
Maize Area/FS	0.43	*0.27*	0.40	*0.24*	0.41	*0.31*	0.42	*0.28*	0.99	0.74	0.86	0.86	0.96	0.90	0.97
Cattle	9.38	*8.40*	8.92	*8.57*	8.00	*14.84*	7.69	*6.80*	0.52	0.74	**0.15**	0.59	**0.19**	0.78	0.30
Cattle /FS	1.84	*1.68*	1.68	*1.65*	1.45	*2.48*	1.50	*1.13*	0.56	0.73	**0.16**	0.81	0.22	0.94	0.23
Income/FS	7.99	*8.80*	6.06	*6.21*	8.47	*9.60*	7.25	*6.38*	0.61	0.23	0.76	0.88	0.59	0.31	0.85
Income from weaving act.	5.43	*4.62*	6.35	*5.99*	4.59	*4.19*	5.51	*5.70*	0.72	0.83	0.47	0.57	0.35	0.39	0.77
PH x-y represents the post-hoc Dunn test for pairwise comparisons (cluster x with cluster y)															

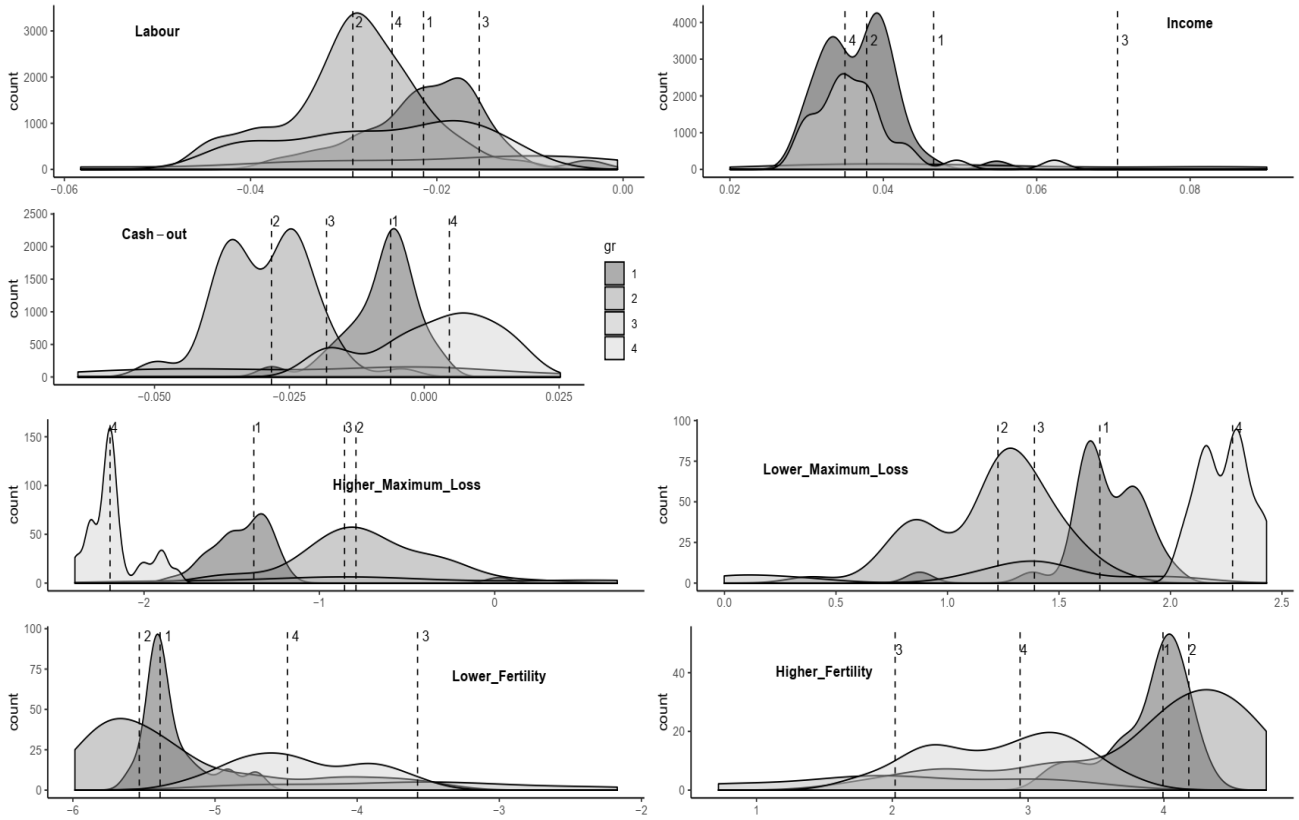

Figure 1: Distribution of the preference coefficients across clusters (dashed vertical lines correspond to the median values of each cluster)