

Household livelihood strategies and implication to poverty reduction in rural areas of central Nepal

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Supplementary

Summary statistics of nominal and continuous explanatory variables

Table S1. Summary statistics of nominal explanatory variables according to five LSs clusters (the numbers are percentages and results are derived from Chi-square test)

Variables		Livelihood strategy clusters					Total	Chi-square
		Non-farm wage	Business/enterprise	Commercial farming	Remittance oriented	Diversified subsistence		
		N=115	N=72	N=60	N=162	N=44	N=453	
Sex of HH head	Male	67.8	58.3	71.7	71	54.5	66.7	7.265
	Female	32.2	41.7	28.3	29	45.5	33.3	
Agricultural training	No	83.5	90.3	38.3	88.3	79.5	79.9	77.402***
	Yes	16.5	9.7	61.7	11.7	20.5	20.1	
Skill training	No	28.7	15.3	60	35.2	38.6	34	31.288***
	Yes	71.3	84.7	40	64.8	61.4	66	
Ethnicity	Brahmin	37.4	27.8	36.7	14.8	50	28.9	62.001***
	Chhetri	4.3	5.6	13.3	3.7	2.3	5.3	
	Dalit	13	11.1	21.7	16.7	4.5	14.3	
	Tharu	20.9	16.7	1.7	20.4	25	17.9	
Membership in organization	Janajati	24.3	38.9	26.7	44.4	18.2	33.6	
	No	14.8	13.9	18.3	27.2	11.4	19.2	11.141**
	Yes	85.2	86.1	81.7	72.8	88.6	80.8	
	No	36.5	20.8	31.7	56.2	43.2	41.1	30.709***
Access to Credit	Yes	63.5	79.2	68.3	43.8	56.8	58.9	

Significant at ***99% and **95%

Table S2. Summary statistics of continuous explanatory variables according to five LSs clusters (results are derived from one-way ANOVA)

Variables	Non-farm wage		Business/enterprise		Commercial farming		Remittance oriented		Diversified subsistence		Total		F value
	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	
Age of household head Yrs	50.40	14.48	50.04	12.87	49.48	12.69	54.94	15.02	52.25	16.89	52.03	14.58	2.816**
Education of household head Yrs	4.70	5.07	7.14	6.06	7.25	5.04	3.23	4.31	3.82	4.71	4.81	5.19	12.223***
Average education Yrs	6.76	2.73	6.54	2.65	6.86	2.92	6.02	2.23	6.09	2.75	6.44	2.59	1.77**
Family size	5.59	2.12	5.64	1.94	4.9	1.70	5.94	2.37	5.18	2.51	5.59	2.20	2.941**
Working age members	3.97	1.69	3.97	1.67	3.62	1.42	4.09	1.83	3.57	1.86	3.93	1.72	1.347
Total land holding	0.35	0.37	0.48	0.71	0.59	0.49	0.39	0.35	0.65	0.61	0.45	0.48	5.173***
Distance from home to nearest road (Km)	0.46	0.94	0.28	0.45	0.61	0.73	0.69	1.03	0.75	1.59	0.56	0.98	3.02**
Distance from home to nearest market (Km)	6.25	6.56	7.74	6.96	4.37	5.01	9.91	7.42	5.34	3.73	7.46	6.85	11.12***
Total Livestock value (NPR)	66267	67135	283350	967893	294041	204691	93116	116266	135868	124006	128758	406674	3.741**
HH fixed asset value	800430	1106228	992333	644503	614660	988470	664125	548177	1012447	672366	746386	814967	2.183**
Expenditure	259039	282463	296336	247186	267709	232339	242663	268564	215020	163038	255984	255917	0.874
Elevation	549.56	625.056	764.75	768.354	687.63	491.293	987.76	862.871	399.91	492.995	744.22	744.335	9.408***

Significant at ***99%, **95