

S1 Appendix: Cross-correlation tables

Table A. Cross-correlation table of socio-economic indices in case of total forest loss.

	pop density	pop density change	gdp change	gdp,ppp / cpt	rural pop	pop growth	corruption	polity	hdi	agric of land area	agric change
pop density											
pop density change	0.055		-0.254***	0.289***	-0.043	-0.001	-0.238**	0.138#	0.183*	-0.091	0.024
gdp change		0.065		0.002	-0.087	0.211**	-0.082	0.134#	0.117	0.102	0.021
gdp,ppp / cpt			-0.131#		0.101	0.027	0.418***	-0.352***	-0.237**	0.141#	0.095
rural pop				-0.574***		0.063	-0.634***	0.442***	0.833***	-0.394***	-0.044
pop growth					-0.142#		0.512***	-0.37***	-0.663***	0.19**	-0.039
corruption							-0.153*	0.196*	0.201**	0.056	0.04
polity								-0.627***	-0.731***	0.186*	0.033
hdi									0.585***	0.041	-0.022
agric of land area										-0.203**	0.008
agric change											0.069

Statistical significance:

#	$p < 0.1$
*	$p < 0.05$
**	$p < 0.01$
***	$p < 0.001$

Table B. Cross-correlation table of socio-economic indices in case of protected forest loss.

	pop density	pop density growth	gdp change	gdp,ppp / cpt	rural pop	pop growth	corruption	polity	hdi	agric of land area	agric land growth
pop density											
pop density growth	-0.028		-0.117	-0.038	-0.035	-0.056	0.033	0.004	-0.037	-0.087	-0.032
gdp change		-0.047		-0.102	-0.007	-0.032	0.053	-0.129	-0.155*	-0.181*	-0.006
gdp,ppp / cpt			0.121		-0.017	-0.046	-0.174*	0.09	0.136#	-0.156*	-0.049
rural pop				-0.079		0.085	-0.665***	0.483***	0.847***	-0.296***	-0.045
pop growth					-0.032		0.14#	-0.007	-0.116	0.095	-0.008
corruption							-0.157*	0.19*	0.203**	0.043	0.039
polity								-0.654***	-0.739***	0.166*	0.033
hdi									0.605***	-0.004	-0.026
agric of land area										-0.197*	0.008
agric land growth											0.072

Statistical significance:

#	$p < 0.1$
*	$p < 0.05$
**	$p < 0.01$
***	$p < 0.001$

Table C. Cross-correlation table of socio-economic indices in case of intact forest loss.

	pop density	pop density growth	gdp change	gdp,ppp / cpt	rural pop	pop growth	corruption	polity	hdi	agric of land area	agric land growth
pop density											
pop density growth	0.011		-0.144	0.076	-0.183	-0.043	0.217#	0.167	0.185	-0.034	-0.104
gdp change		0.092		0.069	-0.226#	-0.146	0.137	0.107	0.357**	0.013	-0.095
gdp,ppp / cpt			0.215#		-0.162	-0.096	0.249#	0.301*	0.353**	-0.1	0.065
rural pop				-0.337**		-0.082	0.607***	0.308*	0.687***	-0.293*	-0.09
pop growth					0.132		-0.359**	-0.325*	-0.643***	-0.062	0.322*
corruption							-0.091	-0.195	-0.182	0.198	0.495***
polity								0.445***	0.784***	-0.258*	-0.103
hdi									0.501***	-0.101	-0.165
agric of land area										-0.119	-0.135
agric land growth											0.266*

Statistical significance:

#	$p < 0.1$
*	$p < 0.05$
**	$p < 0.01$
***	$p < 0.001$

Table D. Cross-correlation table of socio-economic indices in case of protected intact forest loss.

	pop density	pop density growth	gdp change	gdp.ppp / cpt	rural pop	pop growth	corruption	polity	hdi	agric of land area	agric land growth
pop density											
pop density growth	0.005										
gdp change	0.224#	0.068									
gdp.ppp / cpt	0.071	0.06	-0.088								
rural pop	-0.214	0.005	-0.007	-0.309*							
pop growth	0.005	-0.068	0.626***	0.253#	0.685***						
corruption	-0.07	0.047	-0.088	0.003	-0.157						
polity			-0.075	-0.102	-0.157						
hdi				0.418**	0.811***						
agric of land area											
agric land growth											

Statistical significance:

- # $p < 0.1$
- * $p < 0.05$
- ** $p < 0.01$
- *** $p < 0.001$