

TABLE 4.1.1. Correlations Among Regression Variables

	Variable Description	Ln(Recruits / Spawner)	Spawners	NPI, Last Winter in Ocean	NPI, 2nd Winter in Ocean	NPI, 1st Winter in Ocean	Upwelling Index	Migration Corridor Flow	Dams in Migration Corridor	Drought Index	Min. Precip.	Snowpack	Spawning / Rearing Area Flow
subbasin	Variable Name	LNALLREC	SPAWNLS	NPI	NPILAG1	NPILAG2	UPWEL_L3	MIGFLOL3	DAMS_L3	DRGHTL4	MINPREL4	SNOLAG4	SPWFLOL4
S Fk Salmon-Poverty Flats	MINPREL4	0.009	-0.248	-0.065	-0.297	-0.273	-0.301	-0.186	0.248	0.181	1	-0.051	0.427
S Fk Salmon-Poverty Flats	SNOLAG4	-0.097	-0.013	0.097	-0.247	0.074	-0.044	-0.022	0	0.556	-0.051	1	0.657
S Fk Salmon-Poverty Flats	SPWFLOL4	-0.136	0.089	0.097	-0.226	-0.041	0.055	0.12	-0.059	0.78	0.427	0.657	1
	Variable Description	Ln(Recruits / Spawner)	Spawners	Pacific Index (NPI), Last Winter in Ocean	NPI, 2nd Winter in Ocean	NPI, 1st Winter in Ocean	Upwelling Index, May Year of Downstream Migration	Avg. Migration Corridor Flow, Year of Downstream Rearing	Drought Index, Year of Subbasin Rearing	Min. Precipitation, Year of Subbasin Rearing			
subbasin	Variable Name	LNALLREC	SPAWNLS	NPI	NPILAG1	NPILAG2	UPWEL_L3	MIGFLOL3	DRGHTL4	MINPREL4			
Deschutes-Warm Spring	LNALLREC	1	-0.783	0.107	0.016	0.046	0.007	0.401	0.023	-0.049			
Deschutes-Warm Spring	SPAWNLS	-0.783	1	-0.353	-0.011	0.057	-0.191	-0.483	-0.151	-0.078			
Deschutes-Warm Spring	NPI	0.107	-0.353	1	0.014	-0.088	-0.06	-0.058	-0.077	-0.106			
Deschutes-Warm Spring	NPILAG1	0.016	-0.011	0.014	1	0.042	0.1	-0.186	-0.371	-0.051			
Deschutes-Warm Spring	NPILAG2	0.046	0.057	-0.088	0.042	1	-0.334	0.029	-0.352	-0.065			
Deschutes-Warm Spring	UPWEL_L3	0.007	-0.191	-0.06	0.1	-0.334	1	0.437	0.001	-0.099			
Deschutes-Warm Spring	MIGFLOL3	0.401	-0.483	-0.058	-0.186	0.029	0.437	1	0.065	0.051			
Deschutes-Warm Spring	DRGHTL4	0.023	-0.151	-0.077	-0.371	-0.352	0.001	0.065	1	0.273			
Deschutes-Warm Spring	MINPREL4	-0.049	-0.078	-0.106	-0.051	-0.065	-0.099	0.051	0.273	1			
Klickitat	LNALLREC	1	-0.554	0.111	-0.189	-0.094	-0.158	-0.037	-0.165	-0.269			
Klickitat	SPAWNLS	-0.554	1	0.183	0.065	0.242	-0.075	0.175	-0.018	-0.043			
Klickitat	NPI	0.111	0.183	1	0.059	-0.064	-0.073	-0.044	0.112	-0.1			
Klickitat	NPILAG1	-0.189	0.065	0.059	1	0.011	0.057	-0.038	-0.261	0.065			
Klickitat	NPILAG2	-0.094	0.242	-0.064	0.011	1	-0.247	-0.148	-0.319	-0.011			
Klickitat	UPWEL_L3	-0.158	-0.075	-0.073	0.057	-0.247	1	0.312	-0.112	-0.085			
Klickitat	MIGFLOL3	-0.037	0.175	-0.044	-0.038	-0.148	0.312	1	-0.137	-0.209			
Klickitat	DRGHTL4	-0.165	-0.018	0.112	-0.261	-0.319	-0.112	-0.137	1	0.402			
Klickitat	MINPREL4	-0.269	-0.043	-0.1	0.065	-0.011	-0.085	-0.209	0.402	1			
Wind River	LNALLREC	1	-0.842	-0.011	-0.367	-0.068	-0.075	-0.065	-0.016	0.434			
Wind River	SPAWNLS	-0.842	1	0.151	0.339	0.119	0.005	-0.27	0.327	-0.341			
Wind River	NPI	-0.011	0.151	1	0.005	-0.118	-0.101	-0.124	0.268	-0.237			
Wind River	NPILAG1	-0.367	0.339	0.005	1	0.005	0.054	-0.263	-0.158	-0.118			
Wind River	NPILAG2	-0.068	0.119	-0.118	0.005	1	-0.535	-0.131	-0.215	0.155			
Wind River	UPWEL_L3	-0.075	0.005	-0.101	0.054	-0.535	1	0.329	0.257	-0.134			
Wind River	MIGFLOL3	-0.065	-0.27	-0.124	-0.263	-0.131	0.329	1	-0.304	-0.063			
Wind River	DRGHTL4	-0.016	0.327	0.268	-0.158	-0.215	0.257	-0.304	1	-0.098			
Wind River	MINPREL4	0.434	-0.341	-0.237	-0.118	0.155	-0.134	-0.063	-0.098	1			