Variable	Median	Q25	Q75
Max depth (m)	9	6	14
Watershed-lake ratio	15	6	34
Precipitation (mm/yr)	910	830	1000
Baseflow	49	33	62
Fertilizer N (kg/ha)	55	33	90
Fertilizer P (kg/ha)	10	6	16
Manure N (kg/ha)	27	17	44
Manure P (kg/ha)	7	5	12
N deposition (kg/ha)	6	5	7
Wetland potential (percent)	15	5	26
Soil organic carbon (g C/m2)	4000	2900	5300
Buffer Ag (percent)	25	11	48
Buffer Natural (percent)	41	23	59
Ag (percent)	42	25	63
Forest (percent)	25	12	46
Pasture (percent)	14	7	24
Corn (percent)	7	2	17
Soybeans (percent)	5	1	14
Wetlands (percent)	3	1	8
Clay (percent)	10	5	17

category	ag	example	code
sorghum	ag	Sorghum	4
corn	ag	Sweet Corn	12
forage	ag	Alfalfa	36
pasture	ag	Grass/Pasture	176
other ag	ag	Dbl Crop WinWht/Cotton	238
soybeans	ag	Non-Irrigated Soybeans	252
wheat	ag	Non-Irrigated Dbl. Crop Winter Wheat Soybeans	255
background	nonag	Background	0
water	nonag	Water	83
developed	nonag	Developed/Med Intensity	123
forest	nonag	Deciduous Forest	141
other non ag	nonag	Shrubland	152
wetlands	nonag	Herbaceous Wetlands	195

Table 2: CDL summary statistics

	Quantiles		
	5%	50%	95%
ag	11.09	45.21	84.03
corn	0.18	8.37	38.95
developed	2.80	6.88	27.52
forage	0.03	2.46	33.93
forest	2.52	23.26	66.07
natural	7.92	43.22	83.06
nfixer	0.02	8.43	33.80
nonag	15.97	54.79	88.91
nonnatural	16.94	56.78	92.08
other.ag	0.03	1.34	16.67
other.non.ag	0.01	0.16	4.45
pasture	1.91	14.82	48.43
smallgrain	0.00	0.20	3.97
sorghum	0.00	0.01	1.11
soybeans	0.04	5.03	32.47
water	0.79	6.87	33.85
wetlands	0.03	2.98	20.40
wheat	0.01	0.43	4.49

response	term	R^2	LOO-ELPD
tp	forest	0.63	0.00
tp	wetlands	0.62	-0.33
tp	corn	0.62	-0.49
tp	soybeans	0.62	-0.52
tp	pasture	0.62	-0.76
tp	ag	0.62	-0.79
tn	ag	0.57	0.00
tn	forest	0.53	-29.85
tn	corn	0.59	-30.82
tn	soybeans	0.53	-44.91
tn	pasture	0.53	-47.18
tn	wetlands	0.52	-47.42