

# Sensitivity of tropical woodland savannas to El Niño droughts

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**Table S1.** Climatic data between 2000 and 2020 from *cerrado* and *cerradão*, with the 1st month of the dry season (May) representing the beginning of each year's climatic calendar.

Years	Months	MCWD (mm)	Precipitation (mm)	Maximum temperature (°C)	Mean temperature (°C)
2000-2013	May-April	-510.4	1461.5	33.6	24.7
2013-2014	May-April	-526.3	1671.9	33.7	25.0
2014-2015	May-April	-454.9	1417.1	34.3	25.1
2015-2016	May-April	-464.4	790.2	35.4	25.8
2016-2017	May-April	-883.7	1580.2	35.1	25.7
2017-2018	May-April	-584.7	1066.7	34.7	25.2
2018-2019	May-April	-575.4	1468.1	34.3	25.4
2019-2020	May-April	-483.6	1444.9	34.2	23.9

**Table S2.** Synthesis of **NPP** values ( $\pm$  S.E.) from *cerrado* and *cerradão* between 2014 and 2019.  $NPP_{AG}$ , aboveground NPP;  $NPP_{BG}$  belowground NPP. All units are Mg C ha<sup>-1</sup> yr<sup>-1</sup>.

	2014	S.E.	2015	S.E.	2016	S.E.	2017	S.E.	2018	S.E.	2019	S.E.	Mean	Error
<b><i>Cerrado</i></b>														
NPPlitterfall	2.20	0.15	2.31	0.16	1.93	0.11	1.92	0.15	2.36	0.17	2.48	0.18	2.20	0.44
NPPleaf	1.94	0.16	1.95	0.16	1.67	0.11	1.66	0.15	1.99	0.16	-	-	1.84	0.37
NPPtwigs	0.12	0.01	0.13	0.01	0.11	0.01	0.14	0.01	0.16	0.02	-	-	0.13	0.03
NPPprep(flower, fruit, seeds)	0.11	0.01	0.17	0.01	0.10	0.00	0.12	0.01	0.17	0.01	-	-	0.13	0.04
NPPother	0.03	0.00	0.06	0.00	0.06	0.00	0.04	0.00	0.04	0.00	-	-	0.05	0.01
NPPherbivory	0.06	0.03	0.06	0.03	0.05	0.03	0.05	0.03	0.06	0.03	-	-	0.06	0.06
NPPbranch turnover	0.14	0.05	0.14	0.05	0.23	0.07	0.23	0.07	0.23	0.11	-	-	0.19	0.17
NPPacw $\geq$ 5cm dbh	1.16	0.12	1.31	0.13	1.31	0.13	1.31	0.13	1.29	0.13	1.29	0.13	1.28	0.29
NPPcoarse root	1.59	1.09	1.79	1.23	1.79	1.23	1.79	1.23	1.77	1.21	1.77	1.21	1.75	3.22
NPPfine root	1.37	0.16	0.85	0.12	1.25	0.25	1.54	0.27	0.98	0.25			1.19	0.56
NPP <sub>AG</sub>	3.56	0.20	3.82	0.21	3.52	0.18	3.51	0.21	3.94	0.24			3.67	0.51
NPP <sub>BG</sub>	2.96	1.10	2.64	1.24	3.04	1.26	3.33	1.26	2.75	1.24			2.95	2.74
NPP	6.52	1.12	6.46	1.26	6.57	1.27	6.85	1.28	6.69	1.26			6.62	2.77
<b><i>Cerradão</i></b>														
NPPlitterfall	4.29	0.22	4.14	0.23	3.62	0.11	4.27	0.18	4.28	0.21	4.37	0.14	4.16	0.52
NPPleaf	3.04	0.18	3.38	0.22	2.50	0.09	3.47	0.18	2.96	0.19	-		3.07	0.56
NPPtwigs	0.39	0.02	0.33	0.02	0.32	0.02	0.41	0.02	0.73	0.06	-		0.44	0.18
NPPprep(flower, fruit, seeds)	0.76	0.07	0.32	0.02	0.68	0.05	0.39	0.03	0.46	0.04	-		0.52	0.21
NPPother	0.10	0.01	0.11	0.00	0.13	0.01	0.11	0.01	0.17	0.01	-		0.12	0.03
NPPherbivory	0.13	0.07	0.15	0.07	0.11	0.06	0.15	0.08	0.13	0.07	0.13	0.07	0.14	0.15
NPPbranch turnover	0.49	0.41	0.49	0.41	0.49	0.41	0.49	0.41	0.49	0.41	0.49	0.41	0.49	0.92
NPPacw $\geq$ 5cm dbh	2.78	0.28	1.16	0.12	1.16	0.12	2.21	0.22	2.21	0.22	2.21	0.22	1.96	0.85
NPPcoarse root	0.61	0.10	0.26	0.04	0.26	0.04	0.49	0.08	0.49	0.08	0.49	0.08	0.43	0.23
NPPfine root	0.99	0.13	1.73	0.3	1.00	0.38	0.81	0.15	0.48	0.13			1.00	0.71
NPP <sub>AG</sub>	7.69	0.55	5.94	0.49	5.38	0.44	7.12	0.50	7.11	0.52	7.20	0.49	6.74	1.47
NPP <sub>BG</sub>	1.60	0.17	1.99	0.30	1.26	0.38	1.30	0.17	0.97	0.15			1.42	0.69
NPP	9.29	0.57	7.93	0.58	6.64	0.59	8.42	0.53	8.08	0.54			8.07	1.58