

Table S1. Summary of topography and forest attributes collected from 30 1-ha plots in the tropical forest in the Uma forest of the Congo Basin.

Plots	Topography							Forest attributes						
	Longitude	Latitude	Altitude	Slope	Hand	tmi	FlowAcc	G	N	Dg	WD	AGB	DBH	H
UMA020	25.84	0.47	531.00	4.68	-403	-2.91	0.48	31.19	471	29.04	0.68	444.45	23.3±17.35	23.91±11.24 (N=41)
UMA024	25.77	0.55	491.00	4.06	-421	-2.85	-6.00	29.84	447	29.15	0.65	423.64	23.66±170.7	22.92±10.23 (N=54)
UMA028	25.81	0.57	477.00	4.79	-451	-2.92	0.00	31.73	379	32.65	0.68	485.17	26.04±19.74	24.29±9.51 (N=61)
UMA03	25.84	0.46	537.00	5.89	-397	-3.01	-6.00	27.98	396	29.99	0.66	379.33	24.98±16.64	16.96±8.07 (N=73)
UMA05	25.84	0.46	530.00	7.21	-404	1.90	-6.00	34.27	398	33.11	0.67	533.27	26.07±20.44	19.85±9.84 (N=78)
UMA01	25.85	0.46	595.00	2.72	-339	2.90	1.53	22.73	323	29.93	0.64	331.98	24.6±17.29	23.08±10.06 (N=77)
UMA010	25.82	0.46	625.00	4.06	-309	-2.85	-6.00	24.44	389	28.28	0.67	362.44	22.5±17.49	24.8±10.8 (N=191)
UMA012	25.86	0.43	682.00	12.63	-278	-3.35	-6.00	39.58	507	31.53	0.61	539.20	24.11±20.35	22.63±9.95 (N=49)
UMA013	25.86	0.44	537.00	5.88	-405	-3.01	-6.00	34.62	401	33.16	0.59	465.39	26.65±19.76	24.82±11 (N=48)
UMA015	25.79	0.44	507.00	7.51	-409	1.36	1.63	28.04	400	29.87	0.63	374.38	24.95±16.95	23.05±7.44 (N=42)
UMA016	25.79	0.43	626.00	2.70	-290	-2.67	-6.00	28.31	443	28.52	0.56	390.22	22.41±17.68	23.18±8.4 (N=41)
UMA017	25.80	0.45	545.00	4.26	-371	-2.87	-6.00	27.95	453	28.03	0.68	418.40	23.17±15.8	24.11±9.87 (N=42)
UMA018	25.86	0.46	541.00	4.76	-401	-2.92	-6.00	36.65	446	32.35	0.65	562.63	25.16±20.36	25.36±9.17 (N=42)
UMA019	25.83	0.45	593.00	4.10	-353	1.14	0.00	32.04	396	32.10	0.61	464.72	25.27±19.83	27.62±9.17 (N=41)
UMA02	25.84	0.46	579.00	4.10	-355	-2.86	-6.00	28.00	322	33.28	0.66	425.08	26.05±20.76	19.62±9.51 (N=44)
UMA021	25.78	0.57	505.00	8.08	-407	-3.15	-6.00	28.84	482	27.60	0.65	409.69	21.62±17.19	22.4±10.3 (N=40)
UMA04	25.85	0.45	687.00	10.10	-247	-3.25	-6.00	37.64	380	35.51	0.63	590.69	26.27±23.94	18.06±8.71 (N=100)
UMA09	25.81	0.44	594.00	6.06	-352	-3.03	-6.00	30.61	484	28.38	0.64	414.17	23.79±15.5	24.11±11.4 (N=85)
UMA011	25.87	0.44	520.00	5.10	-422	-2.95	-6.00	37.12	498	30.81	0.63	501.60	24.85±18.24	25.6±9.26 (N=52)
UMA014	25.80	0.47	505.00	2.64	-429	1.34	0.30	34.40	511	29.28	0.62	463.35	24.05±16.73	26.39±9.64 (N=50)
UMA022	25.79	0.57	461.00	3.39	-418	1.93	1.85	33.87	541	28.23	0.65	451.17	23.36±15.89	27.36±8.93 (N=41)
UMA023	25.78	0.55	470.00	5.52	-442	1.02	-6.00	29.82	511	27.26	0.63	383.00	22.11±15.97	28.39±10.2 (N=40)
UMA025	25.79	0.55	495.00	4.11	-417	-2.86	-6.00	36.78	524	29.89	0.63	482.09	23.78±18.14	27.93±8.05 (N=53)
UMA026	25.80	0.57	492.00	5.43	-390	-2.98	-6.00	36.61	439	32.58	0.63	561.82	25.16±20.74	27.89±9.89 (N=47)
UMA027	25.81	0.57	477.00	9.42	-451	0.78	0.00	34.48	538	28.57	0.63	456.63	22.29±17.06	27.71±8.84 (N=41)

UMA029	25.87	0.52	512.00	3.58	-416	2.24	-6.00	32.66	529	28.04	0.65	476.24	22.49±16.77	27.68±8.75 (N=63)
UMA030	25.87	0.52	492.00	8.11	-436	1.62	0.30	37.56	557	29.30	0.63	501.84	23.59±17.42	26.67±8.9 (N=75)
UMA06	25.85	0.48	534.00	6.20	-394	2.24	-6.00	30.47	418	30.46	0.61	423.21	23.71±19.16	17.54±7.94 (N=87)
UMA07	25.83	0.45	550.00	4.10	-382	2.19	-6.00	37.30	478	31.52	0.63	501.13	25.62±18.39	24.02±8.54 (N=77)
UMA08	25.83	0.44	559.00	4.72	-387	-2.92	-6.00	24.22	372	28.79	0.65	333.43	23.76±16.3	26.84±10.95 (N=65)