

All measurements	Specimen ID	Taxon	Total	Olf. Bulbs	Cerebrum	Cerebellum+BS	Ant. Cortex	Post. Cortex	AC/Cerebrum %
	Hyena 1	<i>C. crocuta</i>	183.44	5.89	145.69	31.86	37.15	108.54	25.499
	Hyena 1	<i>C. crocuta</i>	183.44	5.67	146.19	31.58	30.67	115.52	20.980
	Hyena 1	<i>C. crocuta</i>	183.44	5.81	145.29	32.34	27.50	117.79	18.928
	Hyena 2	<i>H. hyaena</i>	111.40	5.56	84.32	21.52	12.06	72.26	14.303
	Hyena 2	<i>H. hyaena</i>	111.40	5.37	85.11	20.92	13.52	71.59	15.885
	Hyena 2	<i>H. hyaena</i>	111.40	5.80	84.42	21.18	10.20	74.27	12.082
	Hyena 3	<i>P. cristatus</i>	44.05	1.25	32.75	10.05	2.65	30.10	8.092
	Hyena 3	<i>P. cristatus</i>	44.05	1.30	32.57	10.18	3.02	29.55	9.272
	Hyena 3	<i>P. cristatus</i>	44.05	1.26	32.77	10.02	2.99	29.78	9.124
	Hyena 4	<i>C. crocuta</i>	187.71	6.08	150.61	31.02	41.58	109.03	27.608
	Hyena 4	<i>C. crocuta</i>	187.71	6.02	150.57	31.12	36.49	114.08	24.235
	Hyena 4	<i>C. crocuta</i>	187.71	6.27	149.11	32.33	35.89	113.21	24.069
	Hyena 5	<i>P. brunnea</i>	129.63	5.97	101.65	22.01	18.60	83.05	18.298
	Hyena 5	<i>P. brunnea</i>	129.63	6.02	101.54	22.07	19.24	82.30	18.948
	Hyena 5	<i>P. brunnea</i>	129.63	6.02	101.57	22.04	15.44	86.13	15.201
	Hyena 6	<i>C. crocuta</i>	180.69	5.77	140.87	34.05	29.95	110.92	21.261
	Hyena 6	<i>C. crocuta</i>	180.69	5.82	140.59	34.28	28.76	111.83	20.457
	Hyena 6	<i>C. crocuta</i>	180.69	5.70	141.55	33.44	27.64	113.91	19.527
	Hyena 7	<i>C. crocuta</i>	170.94	5.99	136.21	28.74	29.84	106.37	21.907
	Hyena 7	<i>C. crocuta</i>	170.94	5.85	136.06	29.03	29.72	106.34	21.843
	Hyena 7	<i>C. crocuta</i>	170.94	5.89	135.69	29.36	25.76	109.93	18.984
	Hyena 8	<i>C. crocuta</i>	189.60	5.82	156.66	27.12	34.44	122.22	21.984
	Hyena 8	<i>C. crocuta</i>	189.60	6.52	154.92	28.16	29.25	125.67	18.881
	Hyena 8	<i>C. crocuta</i>	189.60	5.71	156.49	27.40	29.37	127.12	18.768
	Hyena 9	<i>C. crocuta</i>							
	Hyena 9	<i>C. crocuta</i>	191.62	6.97	152.58	32.07	30.31	122.27	19.865
	Hyena 9	<i>C. crocuta</i>	191.62	6.46	152.40	32.76	27.57	124.83	18.091
	Hyena 10	Megenta	197.99	8.16	157.04	32.79	33.89	123.15	21.580

Hyena 10	Megenta	197.99	8.32	156.91	32.76	33.69	123.22	21.471
Hyena 10	Megenta							

Means

Specimen ID	Taxon	Total	Olf. Bulbs	Cerebrum	Cerebellum+BS	Ant. Cortex	Post. Cortex	AC/Cerebrum %
Hyena 1	<i>C. crocuta</i>	183.44	5.79	145.72	31.93	31.77	113.95	21.80
Hyena 2	<i>H. hyaena</i>	111.40	5.58	84.62	21.21	11.93	72.71	14.09
Hyena 3	<i>P. cristatus</i>	44.05	1.27	32.70	10.08	2.89	29.81	8.83
Hyena 4	<i>C. crocuta</i>	187.71	6.12	150.10	31.49	37.99	112.11	25.30
Hyena 5	<i>P. brunnea</i>	129.63	6.00	101.59	22.04	17.76	83.83	17.48
Hyena 6	<i>C. crocuta</i>	180.69	5.76	141.00	33.92	28.78	112.22	20.41
Hyena 7	<i>C. crocuta</i>	170.94	5.91	135.99	29.04	28.44	107.55	20.91
Hyena 8	<i>C. crocuta</i>	189.60	6.02	156.02	27.56	31.02	125.00	19.88
Hyena 9	<i>C. crocuta</i>	191.62	6.72	152.49	32.42	28.94	123.55	18.98
Hyena 10	Megenta	197.99	8.24	156.98	32.78	33.79	123.19	21.53

Online resource Table 2: All measurement data for the 10 hyaenid crania studied herein. The operators are listed in the same order for each specimen. Note that, although there are differences, the direction is consistent in nearly all cases (i.e., some operators are more conservative than others, but this is true across all specimens). Abbreviations as in Table 1. Note that all N = 3 for all specimens except for hyenas 9 and 10, where N = 2 for technical reasons.