

**Table S2.** Standardized differences between ranked data.

	<i>C. crocuta</i>	<i>P. leo</i>	<i>P. atrox</i>	<i>S. fatalis</i>
<i>Asfc</i>				
<i>A. jubatus</i>	<b>8.0**</b>	<b>6.5**</b>	0.7	<b>4.0**</b>
<i>C. crocuta</i>		<b>2.0*</b>	<b>8.4**</b>	<b>4.8**</b>
<i>P. leo</i>			<b>6.7**</b>	<b>2.9**</b>
<i>P. atrox</i>				<b>3.8**</b>
<i>epLsar</i>				
<i>A. jubatus</i>	<b>2.9**</b>	<b>3.2**</b>	<b>2.8**</b>	<b>4.2**</b>
<i>C. crocuta</i>		0.2	0.3	1.2
<i>P. leo</i>			0.4	1.1
<i>P. atrox</i>				1.5
<i>Smc</i>				
<i>A. jubatus</i>	<b>3.1**</b>	2.0	1.6	0.0
<i>C. crocuta</i>		1.4	<b>5.3**</b>	<b>3.1**</b>
<i>P. leo</i>			<b>4.1**</b>	<b>2.3*</b>
<i>P. atrox</i>				1.8
<i>Tfv</i>				
<i>A. jubatus</i>	<b>3.5**</b>	<b>2.5*</b>	0.4	<b>2.5*</b>
<i>C. crocuta</i>		1.2	<b>3.5**</b>	1.2
<i>P. leo</i>			<b>2.4*</b>	0.0
<i>P. atrox</i>				<b>2.4*</b>
<i>HAsfc<sub>(9x9)</sub></i>				
<i>A. jubatus</i>	1.6	0.9	<b>2.6*</b>	<b>3.2**</b>
<i>C. crocuta</i>		0.8	1.1	1.7
<i>P. leo</i>			<b>2.0*</b>	<b>2.7*</b>
<i>P. atrox</i>				0.7

\*Significant values based on Fisher's LSD test are noted in bold text ( $p < 0.05$ ; critical value is 2.0).

\*\*Significant values ( $p < 0.05$ ) based on both Fisher's LSD and Tukey's HSD tests (critical value is 2.81). *Asfc*, area-scale fractal complexity; *epLsar*, anisotropy; *Smc*, scale of maximum complexity; *Tfv*, texture fill volume; *HAsfc<sub>(9x9)</sub>* heterogeneity of complexity in a 9x9 grid, *HAsfc<sub>(3x3)</sub>* values are excluded as there are no significant differences between any extant or extinct taxa.