Errata: Feature Selection in Taxonomies with Applications to Paleontology

Unfortunately the tables in the published version contain incorrect numbers for the baseline models FAMILY, GENUS, and SPECIES. The corrected tables can be found here.

Table 1: Results for the complete taxonomies with PALEO_10_10 and PALEO_5_5. *Columns:* "size" is the number of nodes of the discovered antichain; "calls" is the number of calls to the linear regressor in the model construction phase; "corr" corresponds to the the correlation coefficient of the linear regression when using the corresponding antichain (in the test data); "RMSE" reports the root mean squared error of the linear regression when using the corresponding antichain (in the test data). *Rows:* FAMILY, GENUS and SPECIES select a fix level of the taxonomy as the antichain. `Random` reports the mean values over 100 antichains.

	PALEO_10_10				PALEO_5_5			
	size	calls	corr	RMSE	size	calls	corr	RMSE
FAMILY	50	-	0.80	2.90	64	-	0.74	4.07
GENUS	238	-	0.59	5.67	374	-	0.47	9.32
SPECIES	428	-	0.88	2.38	868	-	0.75	4.93
`Greedy`	246	46534	0.67	4.89	464	140488	0.33	12.89
`Top-down`	145	1817	0.82	3.09	197	2619	0.79	3.91
`Bottom-up`	375	3737	0.86	2.65	794	10409	0.75	4.91
`Tax Min-cut`	201	726	0.51	6.62	306	1329	0.77	4.55
`Random`	325	-	0.83	3.04	615	-	0.1	150

Table 2: Results for the *Carnivora* and *Rodentia* subtrees of the taxonomy with PALEO_5_5 and PALEO_2_2. `Random` reports the mean values over 100 antichains.

	PALEO_5_5								PALEO_2_2							
	Carnivora				*Rodentia*				*Carnivora*				*Rodentia*			
	size	calls	corr	RMSE	size	calls	corr	RMSE	size	calls	corr	RMSE	size	calls	corr	RMSE
FAMILY	13	-	0.45	5.36	11	-	0.50	5.21	13	-	0.41	5.45	13	-	0.46	5.36
GENUS	62	-	0.44	5.42	122	-	0.78	3.86	126	-	0.32	6.24	190	-	0.69	4.51
SPECIES	113	-	0.31	6.72	345	-	0.03	102.2	319	-	0.23	7.67	660	-	0.22	14.9
`Greedy`	67	3228	0.45	5.42	163	14017	0.73	4.40	139	9501	0.31	6.11	294	36640	0.60	5.38
`Top-down`	25	99	0.46	5.34	151	1176	0.74	4.20	75	258	0.40	5.58	190	2338	0.69	4.48
`Bottom-up`	48	578	0.45	5.38	232	2050	0.65	5.45	221	2073	0.35	5.89	500	4222	0.27	11.9
`Tax Min-cut`	33	188	0.47	5.30	106	476	0.78	3.77	96	460	0.42	5.55	234	861	0.67	4.67
`Random`	84	-	0.41	5.16	231	-	0.67	4.74	222	-	0.24	7.36	178	-	0.52	5.34