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table 26: intertrait correlations  
Carabelli's trait (T24) - Protostylid (T54)

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the table presents the results of the measurement of the association between Carabelli's trait (T24) and the protostylid (T54), both observed on permanent molars

each table represents the calculation of correlations for a region

the existence of significant correlations between right and left expressions of the different traits is specified by the following symbols:

- " \* ": indicates significant correlation at the 0.05 threshold
- " \* \* ": indicates significant correlation at the 0.01 threshold

tables are structured as follows:

- correlation coefficient: correlation coefficient between observation pairs
- Sig. (2-tailed): significance threshold for a bilateral test
- N: number of samples on which the calculation is based

## Bohemia

## Correlations

			T24M3	T24M2	T24M1	T54M3	T54M2	T54M1
Kendall's tau_b	T24M3	Correlation Coefficient	1.000	.212**	.417**	.146	.197**	.081
		Sig. (2-tailed)	.	.003	.000	.053	.005	.270
		N	225	179	157	158	186	169
	T24M2	Correlation Coefficient	.212**	1.000	.366**	.053	.122	.158*
		Sig. (2-tailed)	.003	.	.000	.484	.057	.014
		N	179	278	233	162	233	224
	T24M1	Correlation Coefficient	.417**	.366**	1.000	.059	.107	.150*
		Sig. (2-tailed)	.000	.000	.	.431	.095	.014
		N	157	233	292	155	221	232
	T54M3	Correlation Coefficient	.146	.053	.059	1.000	.305**	.351**
		Sig. (2-tailed)	.053	.484	.431	.	.000	.000
		N	158	162	155	235	216	198
	T54M2	Correlation Coefficient	.197**	.122	.107	.305**	1.000	.507**
		Sig. (2-tailed)	.005	.057	.095	.000	.	.000
		N	186	233	221	216	327	285
	T54M1	Correlation Coefficient	.081	.158*	.150*	.351**	.507**	1.000
		Sig. (2-tailed)	.270	.014	.014	.000	.000	.
		N	169	224	232	198	285	338

\*\* . Correlation is significant at the 0.01 level (2-tailed).

\* . Correlation is significant at the 0.05 level (2-tailed).

## Hungary

## Correlations

			T24M3	T24M2	T24M1	T54M3	T54M2	T54M1
Kendall's tau_b	T24M3	Correlation Coefficient	1.000	-.047	.313*	.111	-.016	-.094
		Sig. (2-tailed)	.	.752	.042	.528	.921	.557
		N	48	44	39	31	38	38
	T24M2	Correlation Coefficient	-.047	1.000	-.068	.	-.104	-.121
		Sig. (2-tailed)	.752	.	.601	.	.460	.374
		N	44	62	55	35	51	54
	T24M1	Correlation Coefficient	.313*	-.068	1.000	.018	.014	.132
		Sig. (2-tailed)	.042	.601	.	.914	.921	.316
		N	39	55	63	34	50	52
	T54M3	Correlation Coefficient	.111	.	.018	1.000	.314*	.358*
		Sig. (2-tailed)	.528	.	.914	.	.041	.023
		N	31	35	34	41	41	38
	T54M2	Correlation Coefficient	-.016	-.104	.014	.314*	1.000	.566**
		Sig. (2-tailed)	.921	.460	.921	.041	.	.000
		N	38	51	50	41	63	59
	T54M1	Correlation Coefficient	-.094	-.121	.132	.358*	.566**	1.000
		Sig. (2-tailed)	.557	.374	.316	.023	.000	.
		N	38	54	52	38	59	65

\* . Correlation is significant at the 0.05 level (2-tailed).

\*\* . Correlation is significant at the 0.01 level (2-tailed).

## Southern France

## Correlations

			T24M3	T24M2	T24M1	T54M3	T54M2	T54M1
Kendall's tau_b	T24M3	Correlation Coefficient	1.000	.304*	.188	.	.273*	.
		Sig. (2-tailed)	.	.011	.133	.	.049	.
		N	263	69	62	41	51	46
	T24M2	Correlation Coefficient	.304*	1.000	.528**	.	.	-.129
		Sig. (2-tailed)	.011	.	.000	.	.	.296
		N	69	313	100	47	69	67
	T24M1	Correlation Coefficient	.188	.528**	1.000	.	-.096	-.053
		Sig. (2-tailed)	.133	.000	.	.	.434	.659
		N	62	100	347	45	64	68
	T54M3	Correlation Coefficient	.	.	.	1.000	.398**	.407**
		Sig. (2-tailed)	.	.	.	.	.000	.000
		N	41	47	45	246	88	71
	T54M2	Correlation Coefficient	.273*	.	-.096	.398**	1.000	.414**
		Sig. (2-tailed)	.049	.	.434	.000	.	.000
		N	51	69	64	88	337	118
	T54M1	Correlation Coefficient	.	-.129	-.053	.407**	.414**	1.000
		Sig. (2-tailed)	.	.296	.659	.000	.000	.
		N	46	67	68	71	118	340

\*. Correlation is significant at the 0.05 level (2-tailed).

\*\*. Correlation is significant at the 0.01 level (2-tailed).

## Northern Spain

## Correlations

			T24M3	T24M2	T24M1	T54M3	T54M2	T54M1
Kendall's tau_b	T24M3	Correlation Coefficient	1.000	.	.481**	-.132	.439*	.141
		Sig. (2-tailed)	.	.	.005	.564	.046	.527
		N	64	42	34	20	21	21
	T24M2	Correlation Coefficient	.	1.000	.290*	.	.	.148
		Sig. (2-tailed)	.	.	.047	.	.	.434
		N	42	71	46	21	24	29
	T24M1	Correlation Coefficient	.481**	.290*	1.000	-.230	.168	.151
		Sig. (2-tailed)	.005	.047	.	.324	.417	.409
		N	34	46	77	19	23	29
	T54M3	Correlation Coefficient	-.132	.	-.230	1.000	.344*	.118
		Sig. (2-tailed)	.564	.	.324	.	.032	.499
		N	20	21	19	71	39	34
	T54M2	Correlation Coefficient	.439*	.	.168	.344*	1.000	.302*
		Sig. (2-tailed)	.046	.	.417	.032	.	.030
		N	21	24	23	39	87	51
	T54M1	Correlation Coefficient	.141	.148	.151	.118	.302*	1.000
		Sig. (2-tailed)	.527	.434	.409	.499	.030	.
		N	21	29	29	34	51	92

\*\*. Correlation is significant at the 0.01 level (2-tailed).

\*. Correlation is significant at the 0.05 level (2-tailed).

## Switzerland

## Correlations

			T24M3	T24M2	T24M1	T54M3	T54M2	T54M1
Kendall's tau_b	T24M3	Correlation Coefficient	1.000	.	.258*	.169	.119	.096
		Sig. (2-tailed)	.	.	.033	.209	.345	.475
		N	162	80	63	46	60	53
	T24M2	Correlation Coefficient	.	1.000	.246**	.	.148	.127
		Sig. (2-tailed)	.	.	.004	.	.167	.243
		N	80	187	126	49	86	85
	T24M1	Correlation Coefficient	.258*	.246**	1.000	.089	.171	.056
		Sig. (2-tailed)	.033	.004	.	.530	.117	.564
		N	63	126	212	43	76	92
	T54M3	Correlation Coefficient	.169	.	.089	1.000	.279**	.377**
		Sig. (2-tailed)	.209	.	.530	.	.004	.000
		N	46	49	43	159	94	84
	T54M2	Correlation Coefficient	.119	.148	.171	.279**	1.000	.494**
		Sig. (2-tailed)	.345	.167	.117	.004	.	.000
		N	60	86	76	94	227	152
	T54M1	Correlation Coefficient	.096	.127	.056	.377**	.494**	1.000
		Sig. (2-tailed)	.475	.243	.564	.000	.000	.
		N	53	85	92	84	152	276

\*. Correlation is significant at the 0.05 level (2-tailed).

\*\*. Correlation is significant at the 0.01 level (2-tailed).