

Correlations of 40-year dated segments, lagged 20 years

Flags: A = correlation under .3665 but highest as dated; B = correlation higher at other than dated position

Seq Series	Time_span	1440	1460	1480	1500	1520	1540	1560	1580	1600	1620	1640	1660	1680	1700	1720	1740	1760	1780	1800	1820
		1479	1499	1519	1539	1559	1579	1599	1619	1639	1659	1679	1699	1719	1739	1759	1779	1799	1819	1839	1859
1	NEOHIO 1550 2005						.31B	.46	.47	.32A	.40	.62	.47	.53	.60	.68	.73	.64	.64	.76	.73
2	OTTERC 1578 2003							.22B	.20B	.32A	.08B	-.04B	.29B	.26B	.12B	.22B	.29A	.45	.64	.67	.64
3	EAPENN 1458 2003	-.09B	-.12B	.30B	.11B	.29A	.62	.66	.73	.73	.67	.68	.77	.77	.59	.58	.61	.58	.66	.62	.64
4	5ALANS 1516 1983				.34B	.34B	.52	.68	.65	.54	.60	.77	.82	.79	.70	.75	.69	.59	.68	.81	.66
5	HUDVAL 1449 2002	.02B	.05B	.20B	.29B	.47	.49	.50	.62	.73	.66	.64	.79	.69	.65	.61	.56	.70	.74	.71	.66
6	ALBANY 1507 2002				.29A	.40	.41	.40	.50	.66	.72	.67	.74	.69	.63	.68	.61	.33A	.35A	.33A	.34B
7	EAMASS 1362 1997	-.12B	-.06B	.26B	.28B	.33A	.42	.52	.62	.58	.57	.61	.61	.61	.44	.50	.57	.45	.34A	.26B	.25B
8	AJWstd 1626 1985									.44	.40	.48	.49	.62	.67	.65	.60	.63	.66	.65	
9	STGstd 1612 1983								.41	.38	.55	.53	.32B	.29A	.53	.73	.69	.63	.69	.74	
10	DPGHst 1662 1985												.12B	.22A	.35A	.56	.60	.54	.48	.58	.56

Seq Series	Time_span	1840	1860	1880	1900	1920	1940	1960	1980
		1879	1899	1919	1939	1959	1979	1999	2019
1	NEOHIO 1550 2005	.59	.61	.65	.77	.79	.73	.41	.40B
2	OTTERC 1578 2003	.56	.50	.55	.61	.65	.66	.56	.60
3	EAPENN 1458 2003	.59	.22A	.33A	.67	.67	.74	.68	.65
4	5ALANS 1516 1983	.48	.56	.62	.67	.62	.62	.72	
5	HUDVAL 1449 2002	.63	.57	.58	.61	.52	.52	.62	.58
6	ALBANY 1507 2002	.61	.67	.57	.55	.48	.42	.34A	.27A
7	EAMASS 1362 1997	.14B	.09B	.08B	.34A	.23B	.03B	.43	
8	AJWstd 1626 1985	.61	.64	.67	.71	.70	.62	.59	
9	STGstd 1612 1983	.61	.50	.55	.68	.61	.43	.44	
10	DPGHst 1662 1985	.39	.47	.63	.68	.60	.58	.64	

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[] CORRELATION MATRIX

Version 2.11P 27730

keel test

Time span correlated 1662 to 1863 202 years

Data file: Long_Oak_Masters.txt

Confidence level indicated: .164* = 99%; .116+ = 95%

Ident	NEOHIO	OTTERC	EAPENN	5ALANS	HUDVAL	ALBANY	EAMASS	AJWstd	STGstd	DPGHst	G1	S	G2	S
NEOHIO	1.000	.183*	.353*	.425*	.448*	.310*	.240*	.853*	.458*	.480*	.459*	.297*		
OTTERC	.183*	1.000	.434*	.395*	.345*	.253*	.268*	.170*	.208*	.101	.147+	.130+		
EAPENN	.353*	.434*	1.000	.582*	.402*	.419*	.351*	.251*	.293*	.171*	.287*	.053		
5ALANS	.425*	.395*	.582*	1.000	.571*	.364*	.348*	.329*	.396*	.308*	.403*	.154+		
HUDVAL	.448*	.345*	.402*	.571*	1.000	.531*	.454*	.397*	.389*	.341*	.474*	.166*		
ALBANY	.310*	.253*	.419*	.364*	.531*	1.000	.435*	.267*	.302*	.017	.335*	.147+		
EAMASS	.240*	.268*	.351*	.348*	.454*	.435*	1.000	.266*	.305*	.100	.343*	.173*		
AJWstd	.853*	.170*	.251*	.329*	.397*	.267*	.266*	1.000	.463*	.424*	.441*	.328*		
STGstd	.458*	.208*	.293*	.396*	.389*	.302*	.305*	.463*	1.000	.311*	.398*	.440*		
DPGHst	.480*	.101	.171*	.308*	.341*	.017	.100	.424*	.311*	1.000	.230*	.089		
G1 S	.459*	.147+	.287*	.403*	.474*	.335*	.343*	.441*	.398*	.230*	1.000	.519*		
G2 S	.297*	.130+	.053	.154+	.166*	.147+	.173*	.328*	.440*	.089	.519*	1.000		

Mean	.410	.239	.327	.389	.411	.307	.298	.381	.360	.234	.367	.227		
Abs mn	.410	.239	.327	.389	.411	.307	.298	.381	.360	.234	.367	.227		

Mean of 66 correlations .3291; mean absolute correlations .3291