

S1 Table. Mean of threshold values for each tree-ring component on decadal, multi-decadal and centennial scale, estimated by Monte Carlo simulation (5000 trials, Bootstrap resampling 400 times, at 95% level of confidence).

	Decadal	Multi-decadal	Centennial
Benchmark for correlation	CRU	CRU	low-frequency variation (reference [8])
Mean of the threshold values	0.258	0.476	0.403