

	E2	E1	A	B
A	TBP: 5.61 THO: 5.16 Gl: 63.80 r: 0.38	TBP: 4.25 THO: 3.58 Gl: 63.60 r: 0.34		
B	TBP: 4.07 THO: 2.84 Gl: 56.60 r: 0.30	no overlap	TBP: 6.16 THO: 7.05 Gl: 60.80 r: 0.37	
Main	TBP: 4.19 THO: 3.45 Gl: 58.80 r: 0.32	TBP: 3.01 THO: 2.93 Gl: 59.60 r: 0.24	TBP: 7.62 THO: 7.80 Gl: 61.90 r: 0.38	TBP: 3.36 THO: 4.14 Gl: 57.50 r: 0.20

Table S1. Grid report of the correlation results between chronologies from well A, B, E1, E2 and the Main river valley. *TBP* = t-value after Baillie and Pilcher [1], *THO* = t-value after Hollstein [2], *Gl* = % of Gleichläufigkeit, *r* = correlation coefficient.

1. Baillie MGL, Pilcher JR (1993) A simple crossdating program for tree-ring research. *Tree-Ring Bull* 33: 7–4.
2. Hollstein E (1980) *Mitteleuropäische Eichenchronologie*. Mainz: Zabern.