

## Supplementary Material

**Fig. S1** - Iranian musical instruments made from mulberry wood. Right side: Setar; left side: Tar. Photo by Homayoon Yavar.



**Fig. S2** - Detailed effects of reconditioning on all groups and TT durations on mulberry. Relations between differences in EMC and relative variations in vibrational properties of mulberry wood after thermal treatment, followed by reconditioning; (a,c)  $E'_{L/R}$  vs. EMC; (b, d)  $\tan\delta$  vs. EMC; upper row (a, b) for specific modulus, lower row (c, d) for damping; left side (a, c) for L direction, right side (c, d) for R direction. Empty symbols correspond to values after thermal treatment; filled symbols correspond to values after reconditioning.

