**Table S2.** Robust measures of central tendency of resilience indices for tree-growth (BAI) groupped by drought events, site and interaction. Measures of central tendency are M-estimators based on Huber’s Psi (see material and methods). 95 % confidence intervals using 3000 bootstrap are included in parentheses.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 2005 |  |  | 2012 |  |  |  |  |  |
| site | Resistance | Recovery | Resilience | Resistance | Recovery | Resilience | Resistance | Recovery | Resilience |
| caH | 0.8921 (0.8091,0.9751) | 0.8866 (0.8003,0.973) | 0.7895 (0.6913,0.8878) | 0.7534 (0.6864,0.8204) | 1.1071 (1.0257,1.1885) | 0.8132 (0.7413,0.8852) | 0.8157 (0.7549,0.8764) | 0.9962 (0.9171,1.0753) | 0.7975 (0.7439,0.8511) |
| caL | 0.9012 (0.8132,0.9892) | 0.8321 (0.7326,0.9315) | 0.7303 (0.6118,0.8489) | 0.9263 (0.9001,0.9526) | 0.952 (0.8889,1.015) | 0.8761 (0.8394,0.9129) | 0.9209 (0.8834,0.9584) | 0.8972 (0.8431,0.9514) | 0.8172 (0.7553,0.8791) |
| SJ | 0.4454 (0.3751,0.5158) | 1.1122 (1.0004,1.2241) | 0.4888 (0.4213,0.5562) | 0.7687 (0.6839,0.8534) | 1.4457 (1.3223,1.5691) | 1.031 (0.93,1.1321) | 0.6116 (0.5387,0.6846) | 1.2824 (1.1791,1.3856) | 0.7694 (0.6524,0.8864) |
|  | 0.721 (0.6437,0.7984) | 0.9462 (0.8794,1.0129) | 0.653 (0.5852,0.7209) | 0.8193 (0.7758,0.8628) | 1.1608 (1.0813,1.2403) | 0.9107 (0.8648,0.9567) |  |  |  |