**Table S2**. Mean value (±SE) of the xylem pressure at 12%loss of conductivity (*P*12) forvulnerability curves measured with the high pressure, low pressure and no pressure gradient method. The xylem pressure *P’*12 corresponds to 12% water extraction. *n*= the number of samples measured.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | *Pinus pinaster* | | | | *Pseudotsuga menziesii* | |
|  | *P*12 |  | *n* |  | *P*12 | *n* |
| High pressure gradient | -0.42±0.13**a** |  | 5 |  | -2.00± 0.49**a** | 3 |
| Low pressure gradient | -1.33±0.70**b** |  | 5 |  | -3.11±0.22**b** | 5 |
| No pressure gradient | -2.12±0.28**bc** |  | 14 |  | -3.03±0.03**b** | 4 |
|  | *P’*12 |  | *n* |  | *P’*12 | *n* |
| Water extraction | -2.2±0.06**c** |  | 4 |  | -3.7±0.12**c** | 4 |

One-way analysis of variance; bold leters (**a**, **b**) indicate to what extent features are significantly different between organs for a given species (*p*<0.05).