**Supplementary Material**

**Tab. S1** - Additional TOOFES economic output (data processed with a rotation period of 100 years, without thinning and discount rate of 2%). (*) Examples of Break Even Prices (BEP), Annual Value (AV) and Net Present Values (NPV) for the case study.

<table>
<thead>
<tr>
<th>Economic index*</th>
<th>Value</th>
<th>Notes or computation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon BEP</td>
<td>12.6 € t⁻¹</td>
<td>Price to set VPS=VRS</td>
</tr>
<tr>
<td>Biodiversity BEP</td>
<td>335.11 € ha⁻¹ year⁻¹</td>
<td>Price to set VPS=VSS</td>
</tr>
<tr>
<td>Touristic-recreational BEP</td>
<td>622.23 € ha⁻¹ year⁻¹</td>
<td>Price to set VPS=VCS</td>
</tr>
<tr>
<td>AVₚₛ (provisioning services)</td>
<td>281 € year⁻¹</td>
<td>( AV_{p} = VPS \cdot r )</td>
</tr>
<tr>
<td>AVₙₛ (regulating services)</td>
<td>156 € year⁻¹</td>
<td>( AV_{rs} = VRS \cdot r )</td>
</tr>
<tr>
<td>AVₛₛ (supporting services)</td>
<td>38 € year⁻¹</td>
<td>( AV_{ss} = VSS \cdot r )</td>
</tr>
<tr>
<td>AVₛₛ (cultural services)</td>
<td>12 € year⁻¹</td>
<td>( AV_{cs} = VCS \cdot r )</td>
</tr>
<tr>
<td>AVₛₑ (ecosystem services)</td>
<td>487 € year⁻¹</td>
<td>( AV_{es} = VES \cdot r )</td>
</tr>
<tr>
<td>NPVₚₛ (provisioning services)</td>
<td>12,108 €</td>
<td>[ NPV_{ps} = \sum_{x=0}^{a} \left[ \frac{\rho + w_x - \sum_a D_y - Ad_y - I_x - S_y}{(1+r)^x} \right] \cdot s ]</td>
</tr>
<tr>
<td>NPVₙₛ (regulating services)</td>
<td>6,723 €</td>
<td>[ NPV_{rs} = \sum_{x=0}^{a} \frac{C_{AG,x} + C_{BG,x}}{(1+r)^x} \cdot s ]</td>
</tr>
<tr>
<td>NPVₛₛ (supporting services)</td>
<td>1,626 €</td>
<td>[ NPV_{ss} = \sum_{x=0}^{a} \frac{biod_x}{(1+r)^x} \cdot s ]</td>
</tr>
<tr>
<td>NPVₛₑ (cultural services)</td>
<td>525 €</td>
<td>[ NPV_{cs} = \sum_{x=0}^{a} \frac{tr_x}{(1+r)^x} \cdot s ]</td>
</tr>
<tr>
<td>NPVₑₑ (ecosystem services)</td>
<td>20,982 €</td>
<td>[ NPV_{es} = NPV_{ps} + NPV_{rs} + NPV_{ss} + NPV_{cs} ]</td>
</tr>
</tbody>
</table>