

## Additional file 7

Overview of analysed forest types and FSI-scores for NFI<sub>2002</sub> and NFI<sub>2012</sub>

| Stand type                                                               | FSI_NFI <sub>2002</sub> | FSI_NFI <sub>2012</sub> |
|--------------------------------------------------------------------------|-------------------------|-------------------------|
| complete forest of Baden-Württemberg                                     | 0.18                    | 0.21                    |
| broadleaf-dominated stands*                                              | 0.19                    | 0.21                    |
| conifer-dominated stands*                                                | 0.17                    | 0.2                     |
| stand development phase 1* (mean DBH < 20cm)                             | 0.15                    | 0.14                    |
| stand development phase 2* (mean DBH ≥ 20cm and < 50cm)                  | 0.17                    | 0.21                    |
| Stand development phase 3* (mean DBH ≥ 50cm)                             | 0.26                    | 0.28                    |
| broadleaf-dominated stands* + SDP 1*                                     | 0.14                    | 0.15                    |
| broadleaf-dominated stands* + SDP 2*                                     | 0.18                    | 0.22                    |
| broadleaf-dominated stands* + SDP 3*                                     | 0.25                    | 0.27                    |
| conifer-dominated stands* + SDP 1*                                       | 0.15                    | 0.14                    |
| conifer-dominated stands* + SDP 2*                                       | 0.16                    | 0.2                     |
| conifer-dominated stands* + SDP 3*                                       | 0.26                    | 0.29                    |
| beech-dominated stands* ( <i>Fagus sylvatica</i> L.)                     | 0.19                    | 0.21                    |
| oak-dominated stands* ( <i>Quercus robur</i> L. + <i>Qu. petraea</i> L.) | 0.2                     | 0.23                    |
| spruce-dominated stands* ( <i>Picea abies</i> L.)                        | 0.16                    | 0.19                    |
| pine-dominated stands* ( <i>Pinus</i> spp.)                              | 0.18                    | 0.22                    |
| one-layered stands*                                                      | 0.12                    | 0.14                    |
| two-layered stands*                                                      | 0.18                    | 0.21                    |
| multi-layered stands*                                                    | 0.21                    | 0.24                    |
| private forest*                                                          | 0.17                    | 0.2                     |
| state forest*                                                            | 0.18                    | 0.21                    |
| community forest*                                                        | 0.18                    | 0.21                    |

\*: referred to NFI classifications