**4a. LASSO**

|  |  |  |
| --- | --- | --- |
|  |  | **REFERENCE** |
|  |  | **Extreme** | **Non extreme** |
| **PREDICTED** | **Extreme** | 15 | 0 |
| **Non extreme** | 2 | 9 |

**4b. Elastic net**

|  |  |  |
| --- | --- | --- |
|  |  | **REFERENCE** |
|  |  | **Extreme** | **Non** **extreme** |
| **PREDICTED** | **Extreme** | 14 | 1 |
| **Non****extreme** | 0 | 11 |

**4c. Random forests**

|  |  |  |
| --- | --- | --- |
|  |  | **REFERENCE** |
|  |  | **Extreme** | **Non** **extreme** |
| **PREDICTED** | **Extreme** | 14 | 1 |
| **Non****extreme** | 1 | 10 |

**Table S4: Confusion matrices for extreme vs non-extreme modelling:** Columns of these classification tables (4a, 4b and 4c) represents original number of samples in each class. Rows represents number of predicted samples in each class.