**Table 4: Hiperparameters adopted in the XGBoost model**

| **Hiperparameters** | **Value** |
| --- | --- |
| trees | 1000·00000 |
| try | 16·00000 |
| min\_n | 11·00000 |
| tree\_depth | 9·00000 |
| learn\_rate | 0·07760 |
| loss\_reduction | 0·00157 |
| sample\_size | 0·22400 |