***mProphet model example***

* **With training dataset**



|  |  |  |  |
| --- | --- | --- | --- |
| **Enabled** | **Score Name** | **Weight** | **Percentage Contribution** |
| True | Intensity | 0.6320 | 20.7% |
| True | Retention time difference | -0.0072 | 0.9% |
| False | Retention time difference squared | *NA* | *NA* |
| True | Library intensity dot-product | 3.0777 | 9.0% |
| True | Shape (weighted) | 7.0075 | 24.2% |
| True | Co-elution (weighted) | -0.0035 | 0.2% |
| True | Co-elution count | 0.6691 | 22.3% |
| True | Signal to noise | 0.9415 | 22.7% |

* **After importing other raw files and applying the scoring to peak groups in samples**

|  |  |  |  |
| --- | --- | --- | --- |
| **Enabled** | **Score Name** | **Weight** | **Percentage Contribution** |
| True | Intensity | 0.6320 | 19.5% |
| True | Retention time difference | -0.0072 | 0.9% |
| False | Retention time difference squared | *NA* | *NA* |
| True | Library intensity dot-product | 3.0777 | 10.9% |
| True | Shape (weighted) | 7.0075 | 22.2% |
| True | Co-elution (weighted) | -0.0035 | 0.3% |
| True | Co-elution count | 0.6691 | 24.3% |
| True | Signal to noise | 0.9415 | 21.9% |