**Cengiz paper:**

What the blue arrows point in below screenshots from Cengiz paper (discussed in pg 23, 24, 25) are based on iraw + idur dataset, which I am comparing.

Text

Description automatically generated with medium confidence

Table

Description automatically generated

**My results: (based on merged forms, iraw\_idur, no resampling, seed7)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model | dataset | threshold | Precision | Recall (TPR) | F1 Score | weighted Kappa | ROC AUC | FPR |
| Gradient Boosting | iraw\_idur | 0.7 | 0.372222 | 0.126736 | 0.186166 | 0.174855959 | 0.848642 | 0.005977 |
| Gradient Boosting | iraw\_idur | 0.5 | 0.333333 | 0.151042 | 0.207071 | 0.193166699 | 0.848642 | 0.00849 |
| Gradient Boosting | iraw\_idur | 0.97 | 0.35 | 0.040625 | 0.072482 | 0.068027922 | 0.848642 | 0.001578 |

**Compare:**

Table

Description automatically generated