Objective 1: compare clsfr on dataset:

* IsVisible (praeitų metų tyrimas)
* Rankomis atrinkti vaizdai

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | | | **Affine** | |
|  |  | Test acc | | | Test acc | |
| Category level | # classes | Rankomis valyti | Visible=  [2,3,4,m] | Visible=  [2,3,4,m,ma] | Visible=  [2,3,4,m] | Visible=  [2,3,4,m,ma] |
| Ind-0 (Individual) | 221 | 37,7% | 32,4% | 32,3% | **37,5%** |  |
| Ind-1 | 119 | 34,6% | 32,1% | 33,7% | **39.6%** | **28.7%** |
| Ind-2 | 27 | 41,2% | 37,0% | 36,0% | **39.3%** |  |
| Ind-3 | 5 | 84% | 84,2% | 72,2% |  |  |
| Ind-4 | 2 | 91% | 85,2% | 83,0% |  |  |

Hierarchical classifiers:

* Global
  + e.g. multilabel NN
  + e.g. dec tree (vietoj entropijos sumažėjimo naudojant f-ją apimančią hierarchiškumą)
* Local (https://towardsdatascience.com/hierarchical-classification-with-local-classifiers-down-the-rabbit-hole-21cdf3bd2382)
  + Flat (Ind-0)
  + Clasf-per-level (Ind-1,2,3,4)
  + Clasf-per-parent-node
  + Clasf-per-node (one vs. all)
  + 