

Ensembles for predicting structured outputs

Summary for the statistical tests for classification

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1 Micro Average Precision

MTBag@	25	
STBag@	50	
MTRF@	25	• @50: STBag > MTRF: STBag, MTBag, STRF, MTRF
STRF@	50	

2 Macro Average Precision

MTBag@	75	• @50: no stat. sign.: STBag, MTBag, MTRF, STRF
STBag@	250	
MTRF@	75	• @75: no stat. sign.: MTBag, MTRF, STRF, STBag
STRF@	50	• @250: no stat. sign.: MTBag, STBag, STRF, MTRF

3 Micro Average Recall

MTBag@	75	
STBag@	250	• @50: MTRF > MTBag, MTRF > STBag, STRF > STBag
MTRF@	50	• same for @75, @100, @250
STRF@	75	

4 Macro Average Recall

MTBag@	50	
STBag@	250	• @50 & @75: no. stat. sign.: MTBag, STBag, STRF, MTRF
MTRF@	50	• @250: no. stat. sign.: STBag, MTBag, STRF, MTRF
STRF@	75	

5 Micro Average F measure

MTBag@	50	
STBag@	250	
MTRF@	50	• @50, @75 & @250: no. stat. sign.: MTBag, STBag, MTRF, STRF
STRF@	75	

6 Macro Average F measure

MTBag@	25	• @25: STBag > MTRF, MTBag > MTRF: STBag, MTBag, STRF, MTRF
STBag@	50	
MTRF@	25	• @50: STBag > MTRF: STBag, MTBag, STRF, MTRF
STRF@	50	• same for the rest of iterations

7 Micro Average Balanced Accuracy

MTBag@	50	
STBag@	75	
MTRF@	50	• @50 & @75: no stat. sign.: STBag = MTBag, STRF, MTRF
STRF@	75	

8 Macro Average Balanced Accuracy

MTBag@	10	
STBag@	25	• @25 & @50: STBag > MTRF, MTBag > MTRF, STBag > STRF: STBag, MTBag, STRF, MTRF
MTRF@	25	
STRF@	50	• @75: STBag > MTRF: STBag, MTBag, STRF, MTRF

9 Micro Average Matthews Correlation Coefficient

MTBag@	50	
STBag@	250	• @50 & @75: no stat. sign.: MTBag, STBag, STRF, MTRF
MTRF@	50	
STRF@	75	• @250: no stat. sign.: STBag, MTBag, STRF, MTRF

10 Macro Average Matthews Correlation Coefficient

MTBag@	25	
STBag@	75	• @25 & @50: STBag > MTRF: STBag, MTBag, STRF, MTRF
MTRF@	50	
STRF@	50	• @75: no stat. sign.: MTBag, STBag, STRF, MTRF

11 Micro Average Discriminant Power

MTBag@	50	
STBag@	250	• @50: no stat. sign.: MTRF = MTBag, STRF, STBag
MTRF@	50	
STRF@	75	• @75 & @250: no stat. sign.: STRF, MTRF, MTBag, STBag

12 Macro Average Discriminant Power

MTBag@	75	• @50: no stat. sign.: MTRF \approx MTBag, STRF, STBag
STBag@	250	
MTRF@	50	• @75: no stat. sign.: MTRF, MTBag, STRF, STBag
STRF@	75	• @250: no stat. sign.: MTRF, STRF, MTBag, STBag