

# TwinCons S2 Dataset

This dataset is a PDF generated with code available at <https://github.com/LDWLab/TwinCons> .

Each page of the PDF shows parameter testing of classifiers based on two datasets (BBS and PRST) against 4 datasets (BBS, PRST, rProt, and IND), excluding self-testing (e.g. BBS vs BBS).

Complete description of the datasets and parameters is available in the main manuscript text.

Titles indicate which is the dataset used for training and which is the dataset used for testing, separated by a dash.

The titles end with a descriptor for the general parameters used:

Cumulative - SVM classifiers, segments are created based on cumulative scoring by varying the window smoothing;

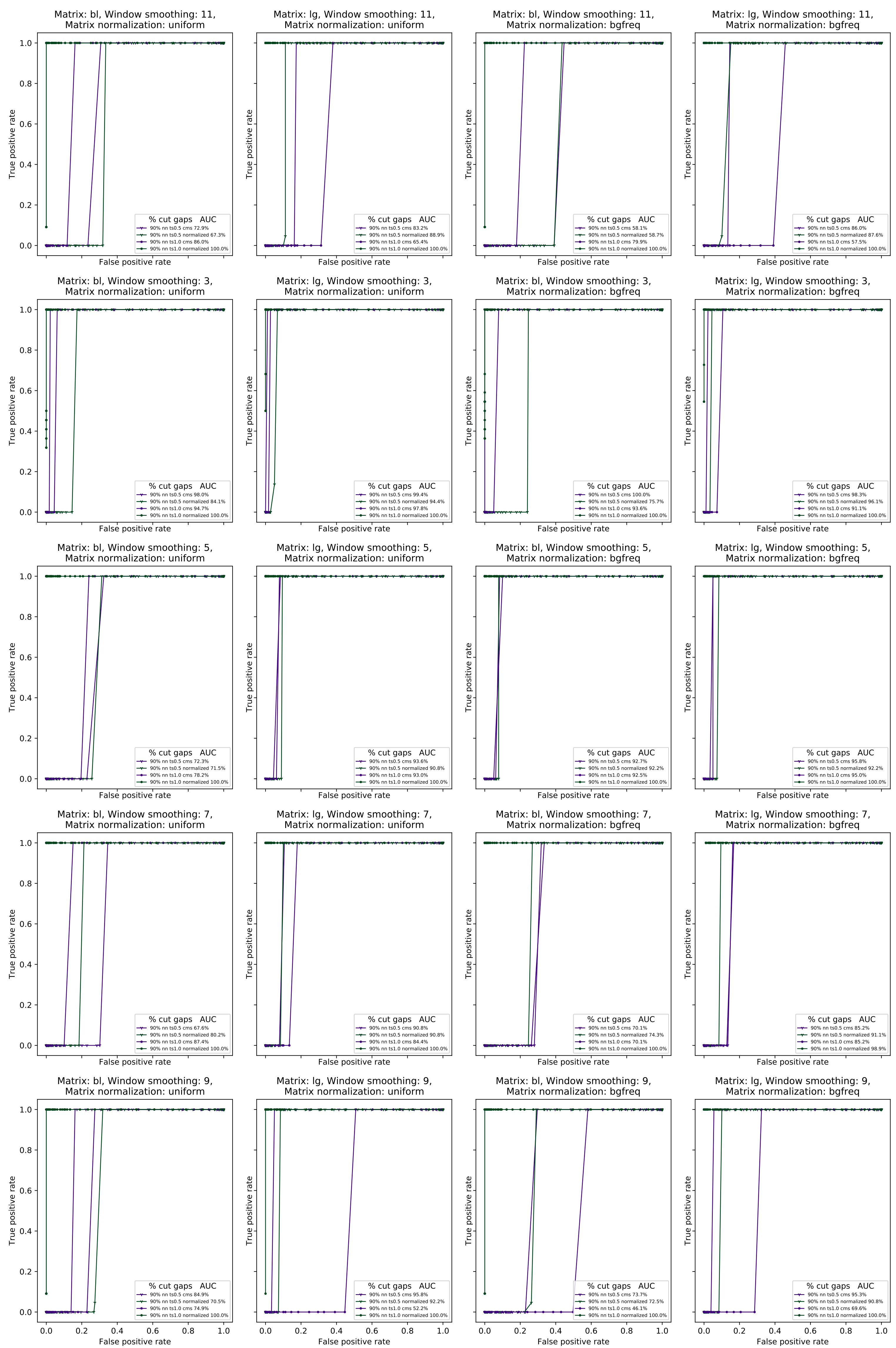
Old segment - SVM classifiers, segments are created based on intensity and length thresholds;

Trees - Random forest classifiers, segments are created based on cumulative scoring by varying the window smoothing.

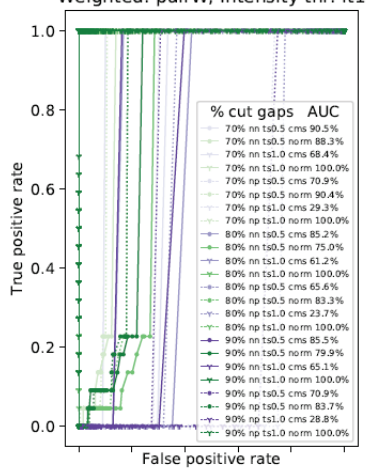
For example, BBS-IND Cumulative shows parameters searched for classifier trained on BBS, tested against IND and using the cumulative segment creation rule.

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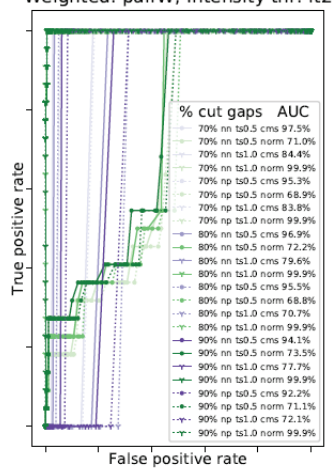
2	BBS-IND Cumulative
3	BBS-IND Old segments
4	BBS-IND Trees
5	BBS-PRST Cumulative
6	BBS-PRST Old segments
7	BBS-PRST Trees
8	BBS-rProt Cumulative
9	BBS-rProt Old segments
10	BBS-rProt Trees
11	PRST-BBS Cumulative
12	PRST-BBS Old segments
13	PRST-BBS Trees
14	PRST-IND Cumulative
15	PRST-IND Old segments
16	PRST-IND Trees
17	PRST-rProt Cumulative
18	PRST-rProt Old segments
19	PRST-rProt Trees



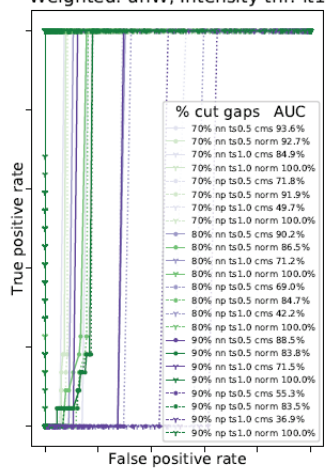
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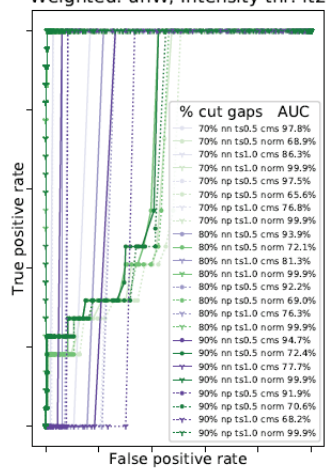
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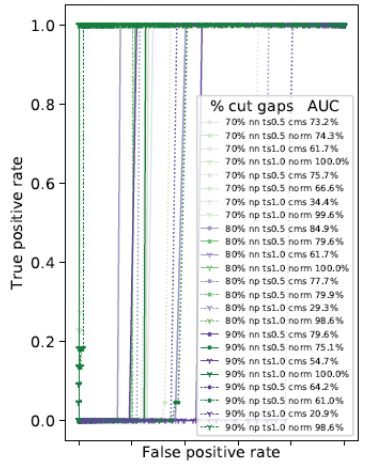
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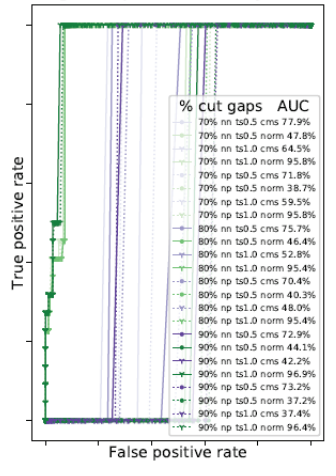
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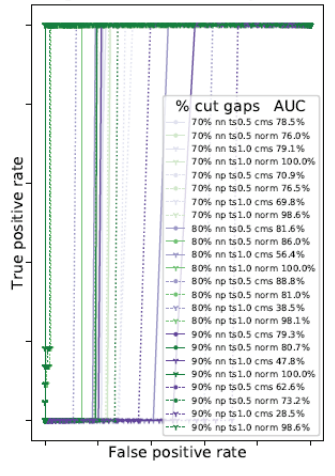
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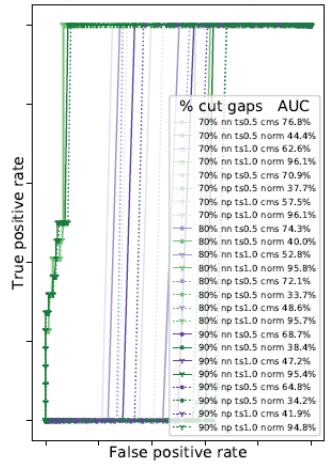
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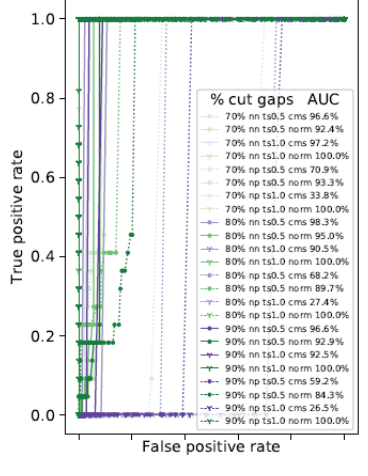
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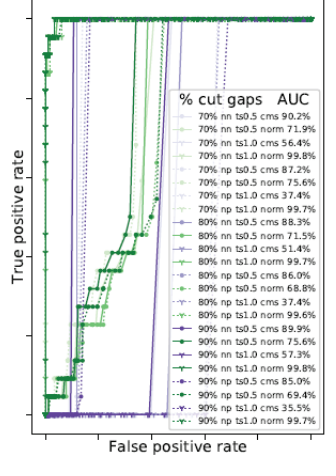
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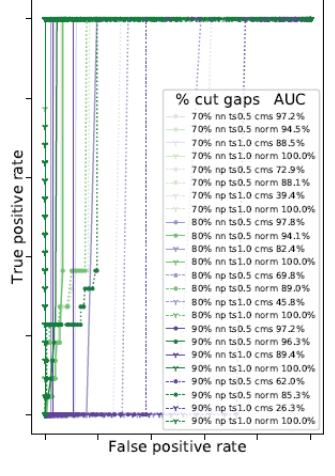
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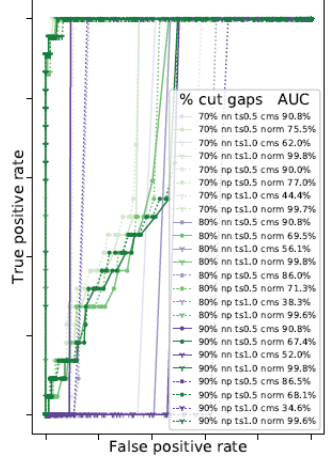
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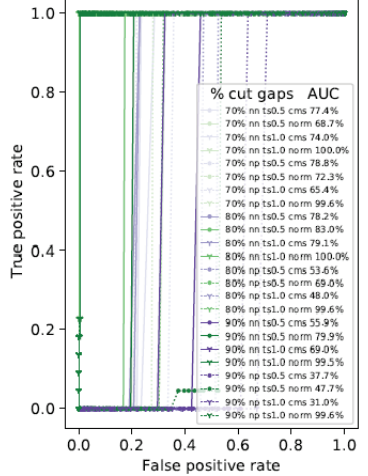
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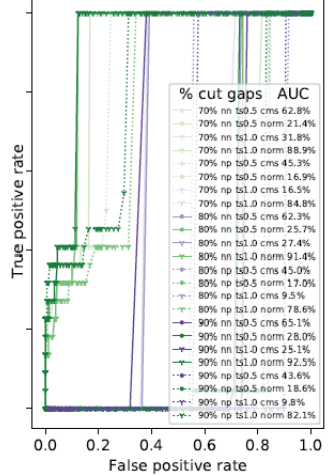
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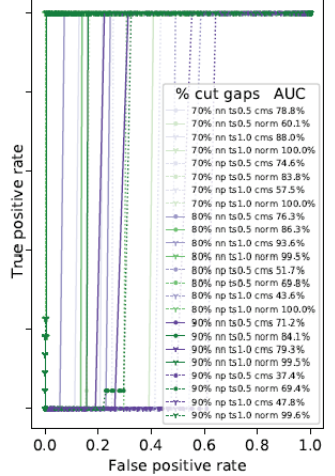
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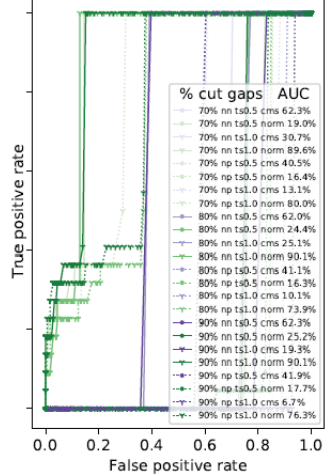
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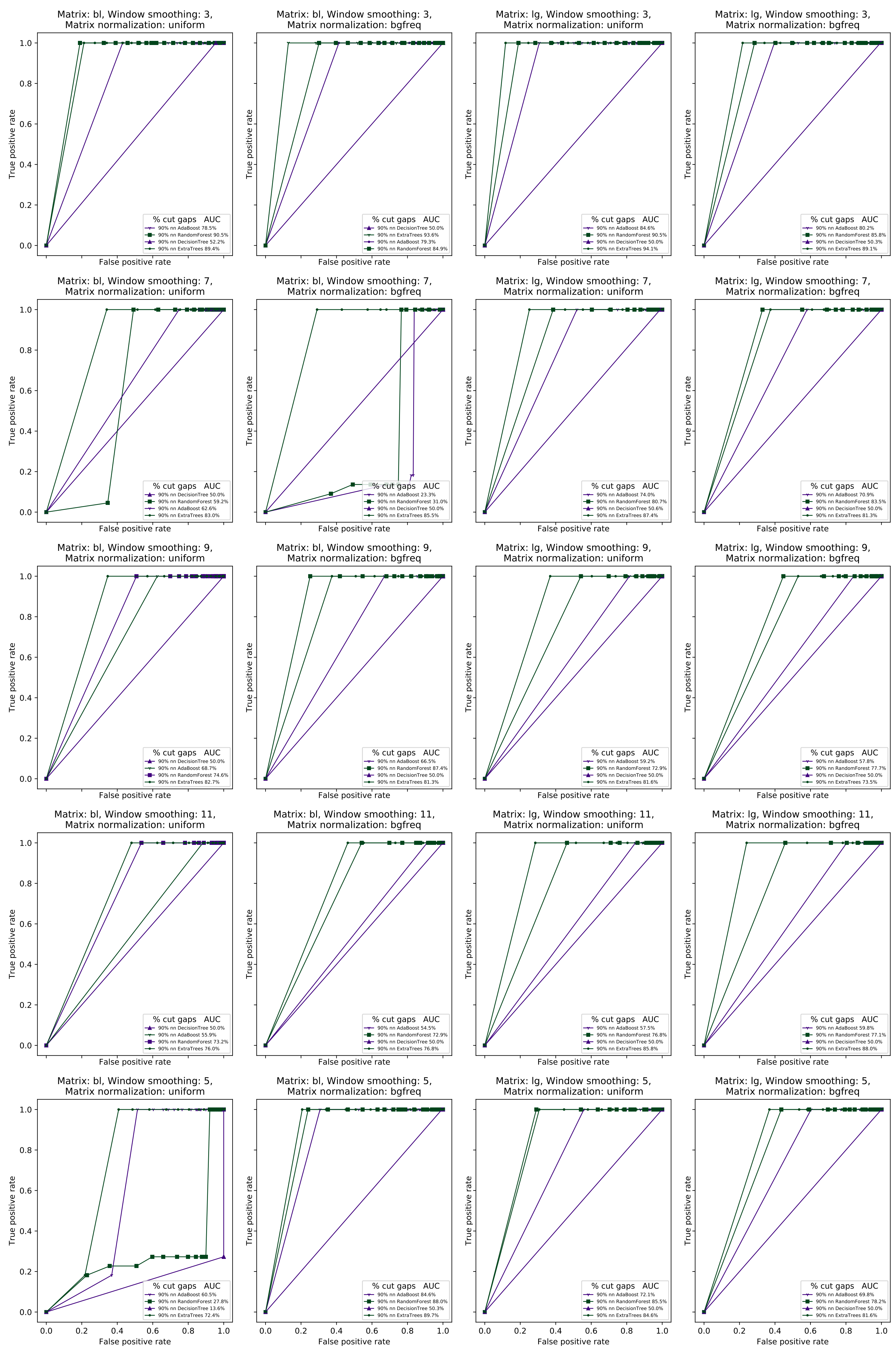
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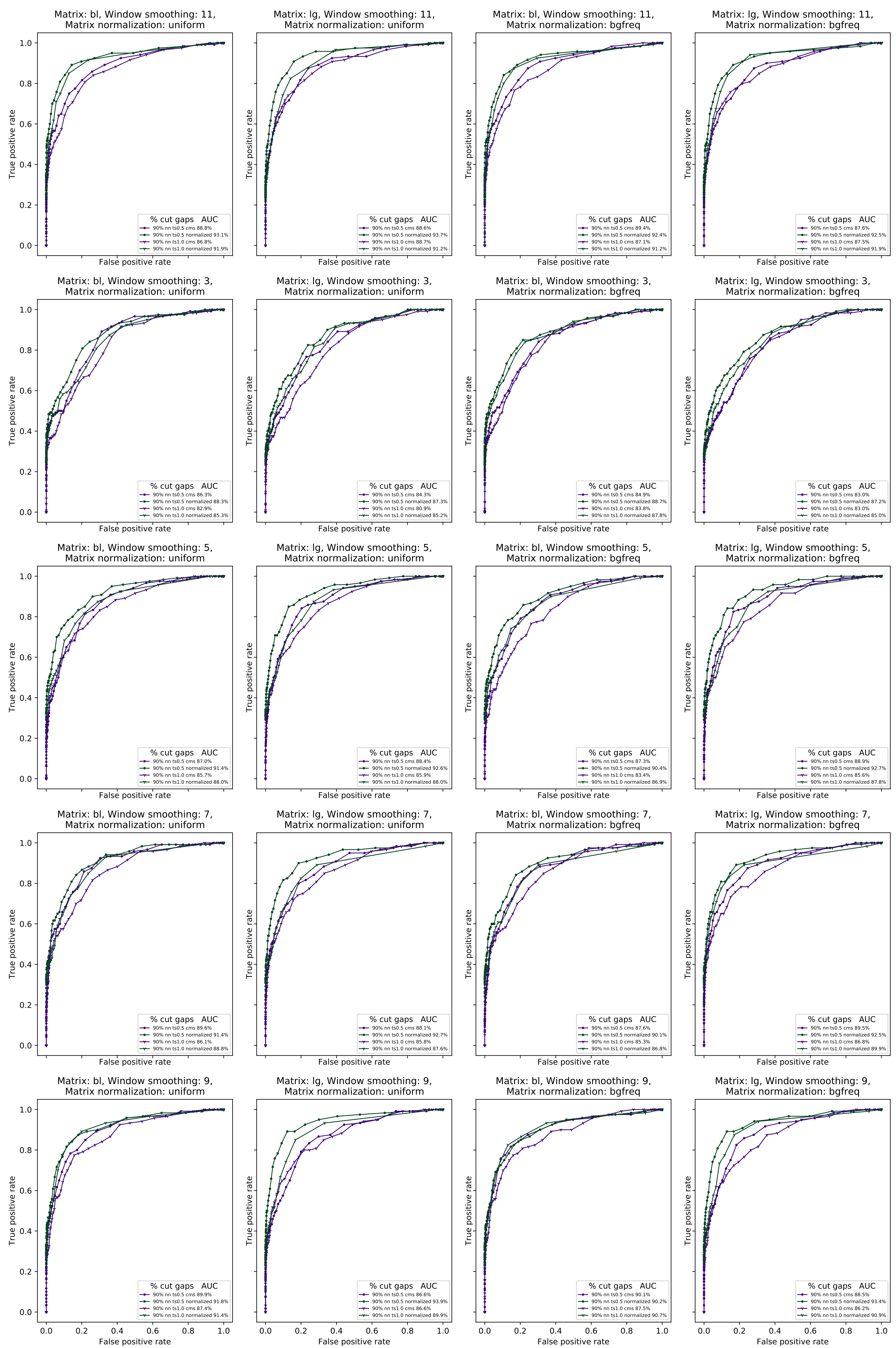


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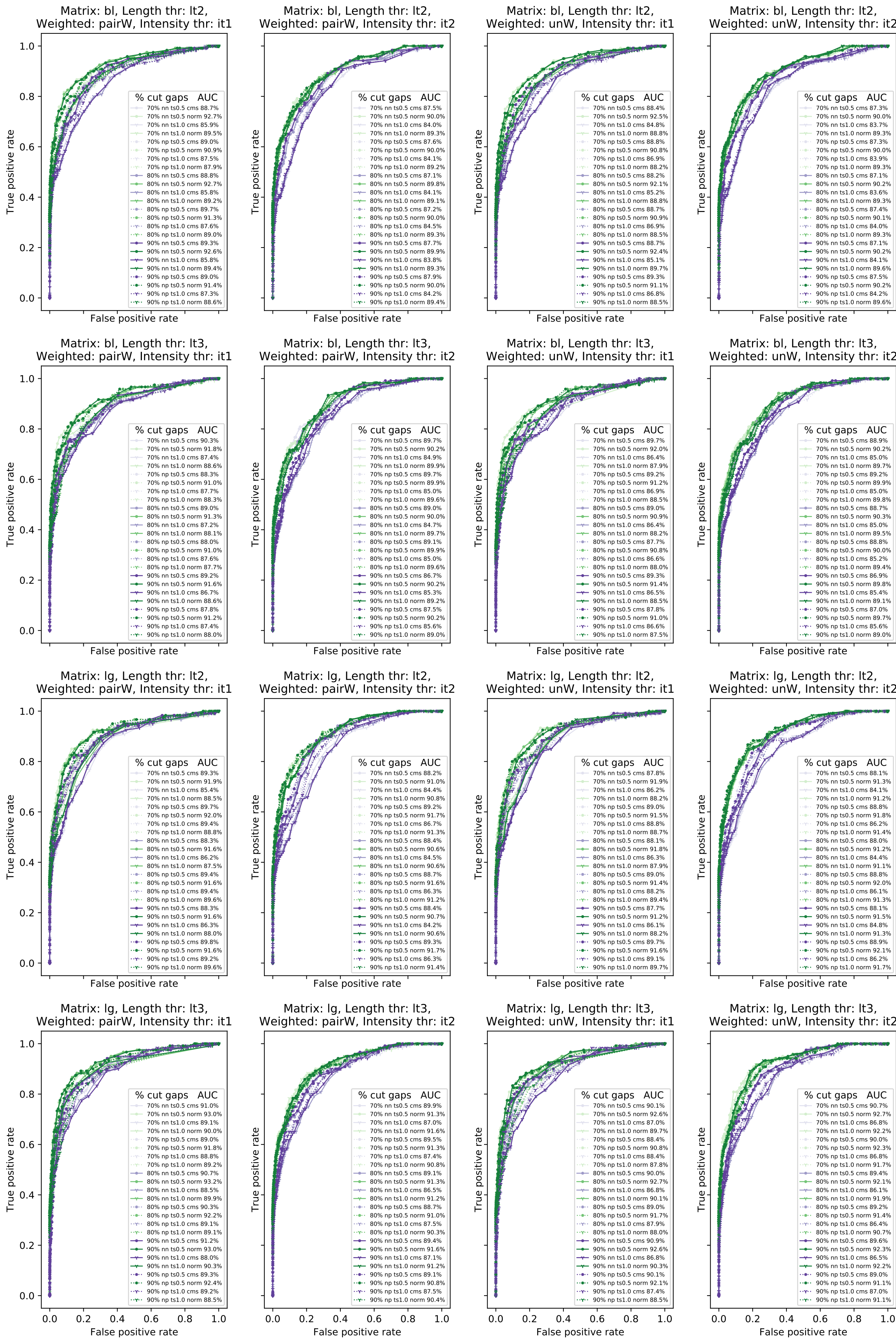




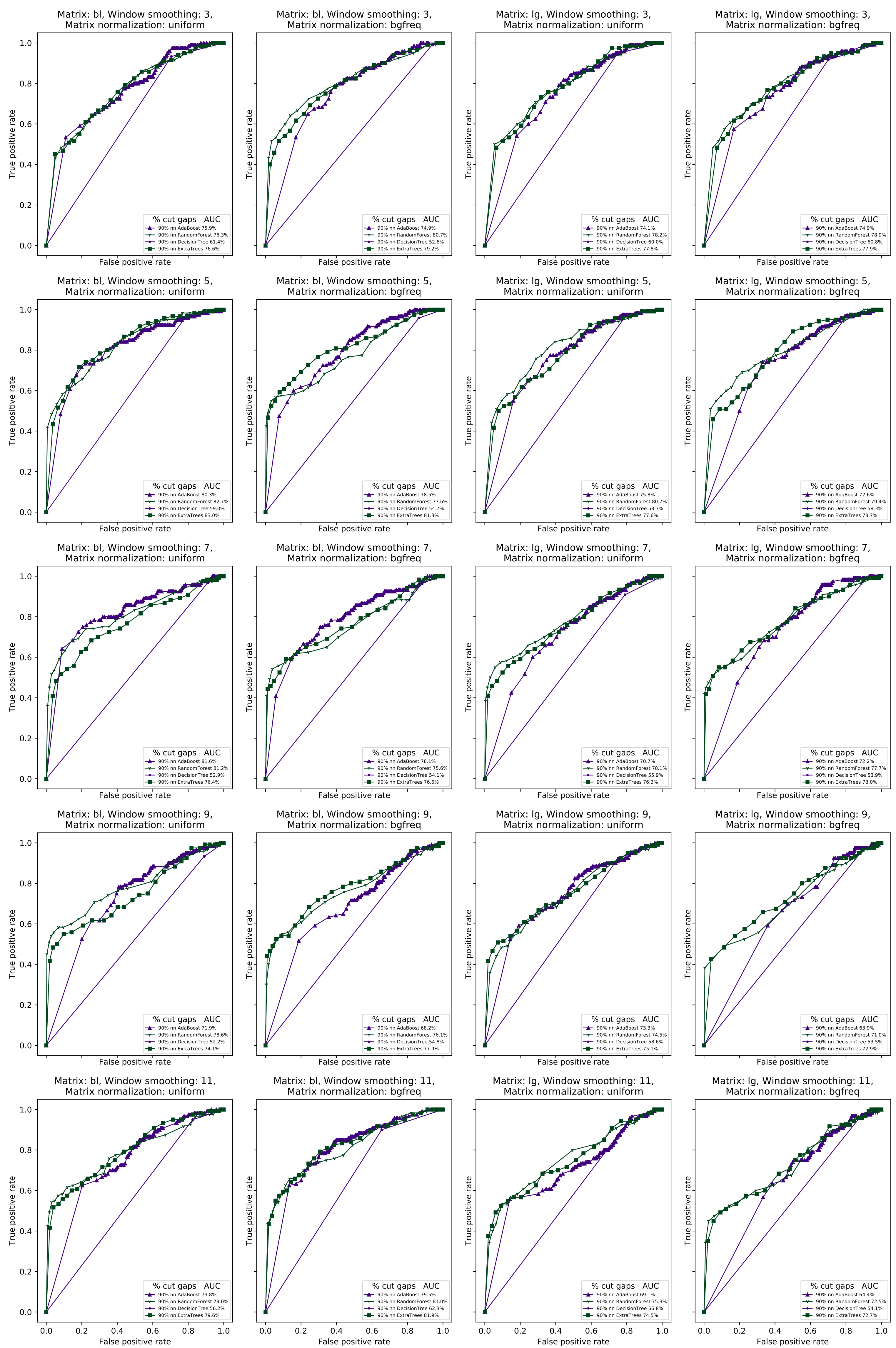


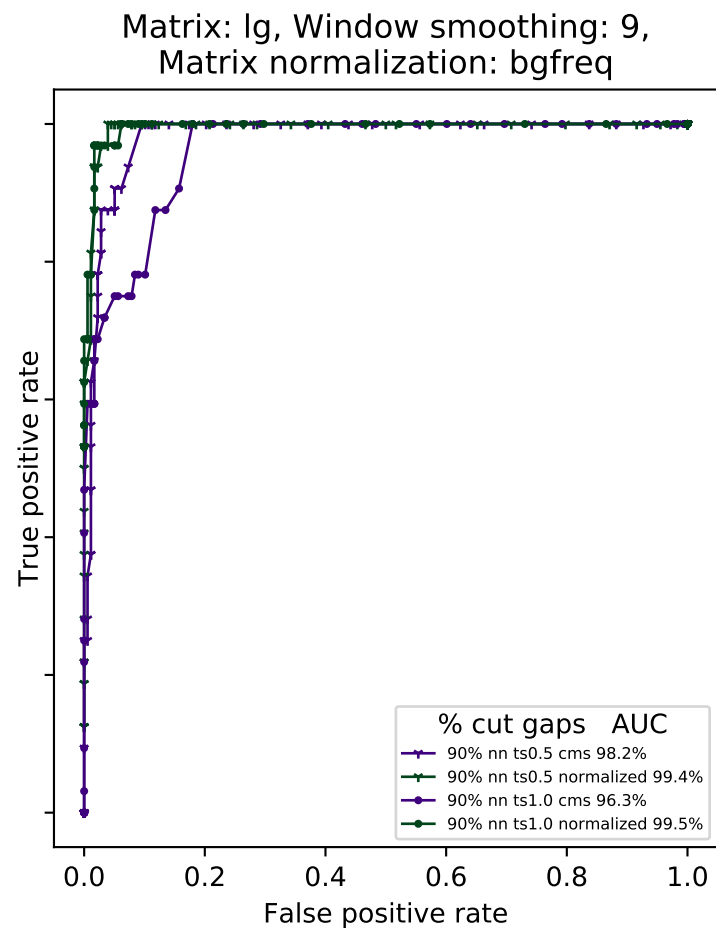
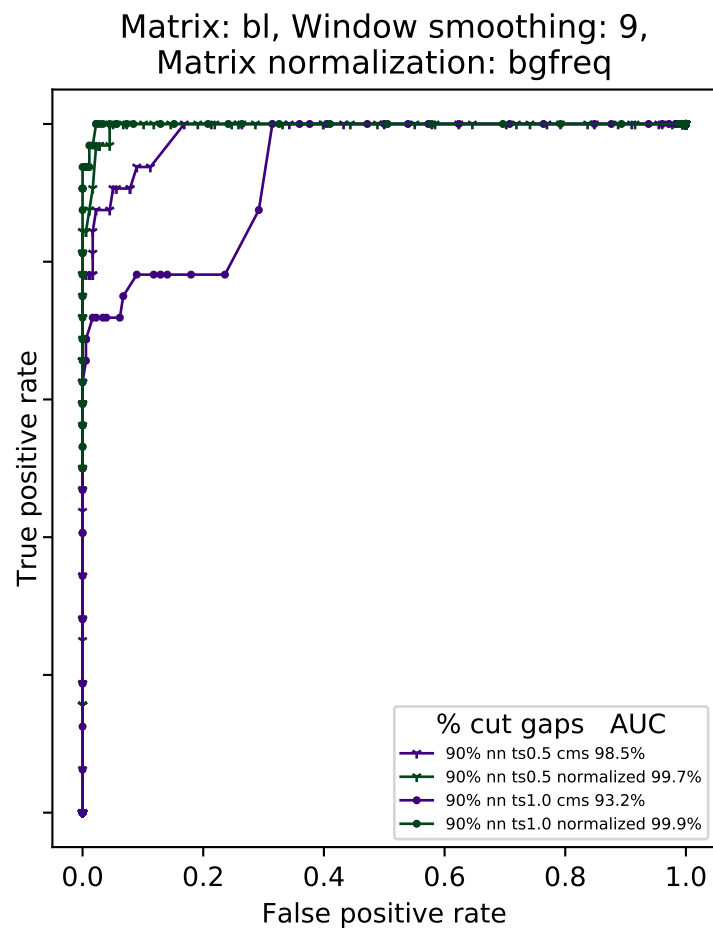
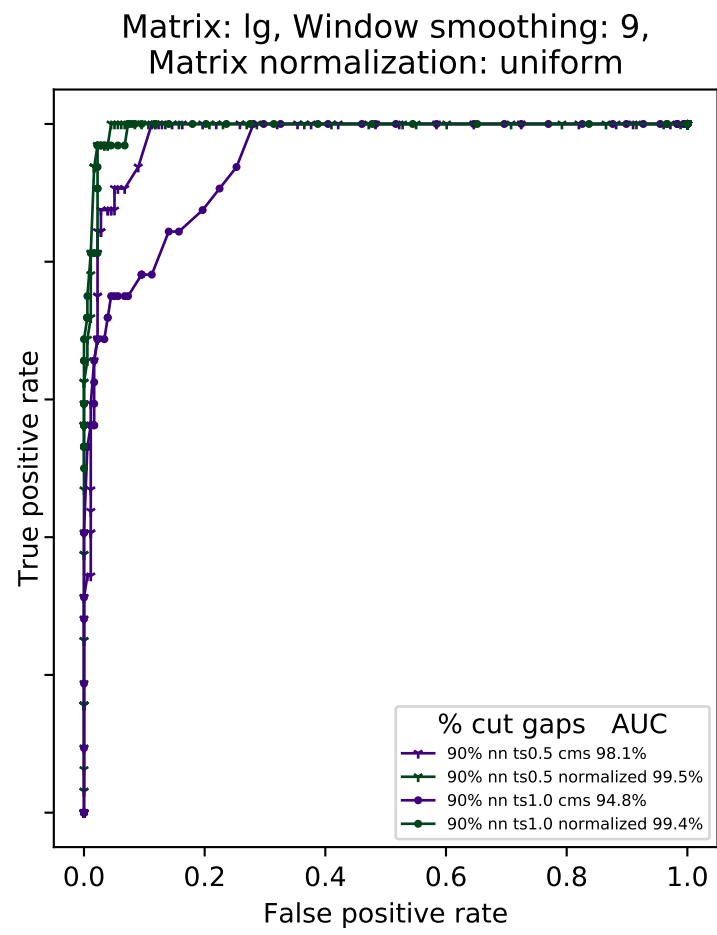
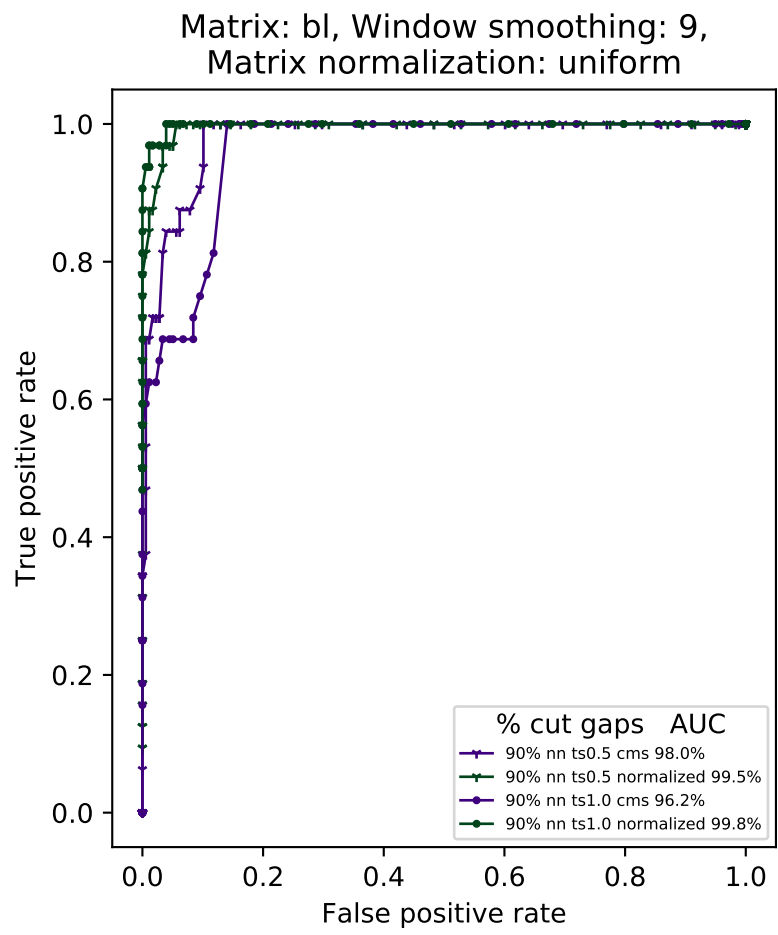
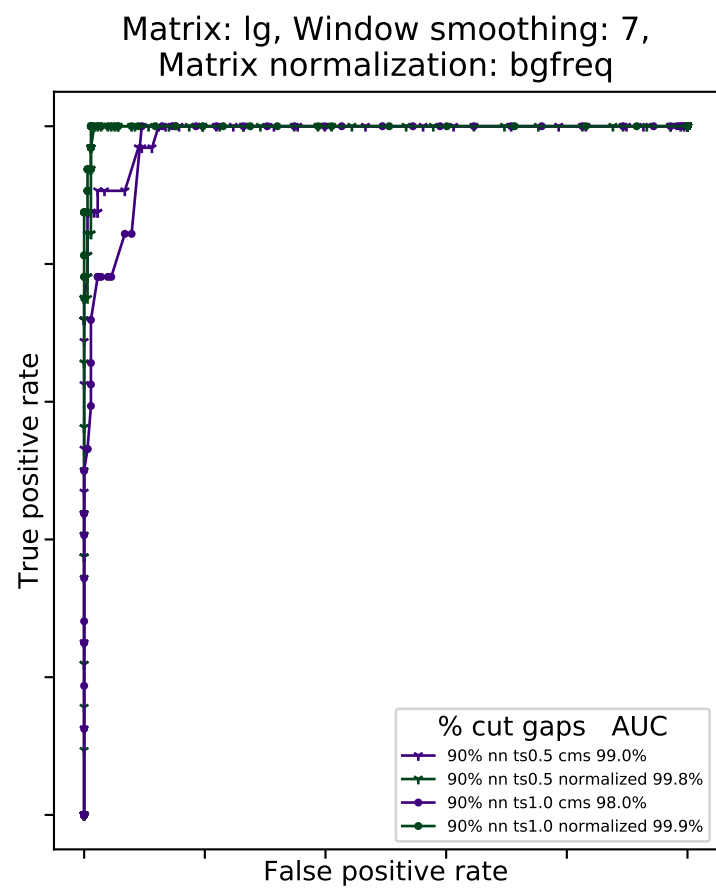
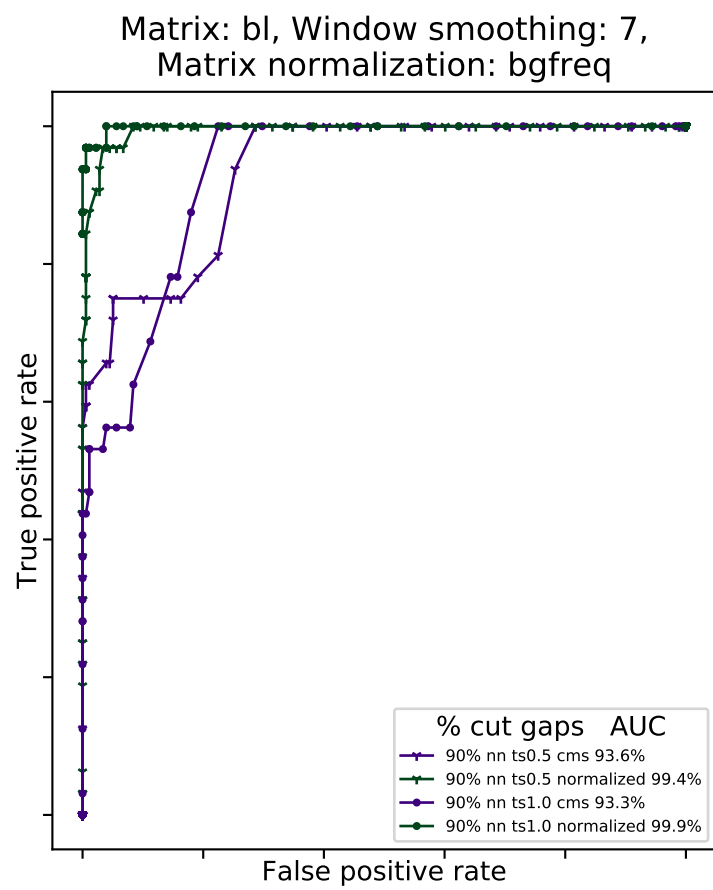
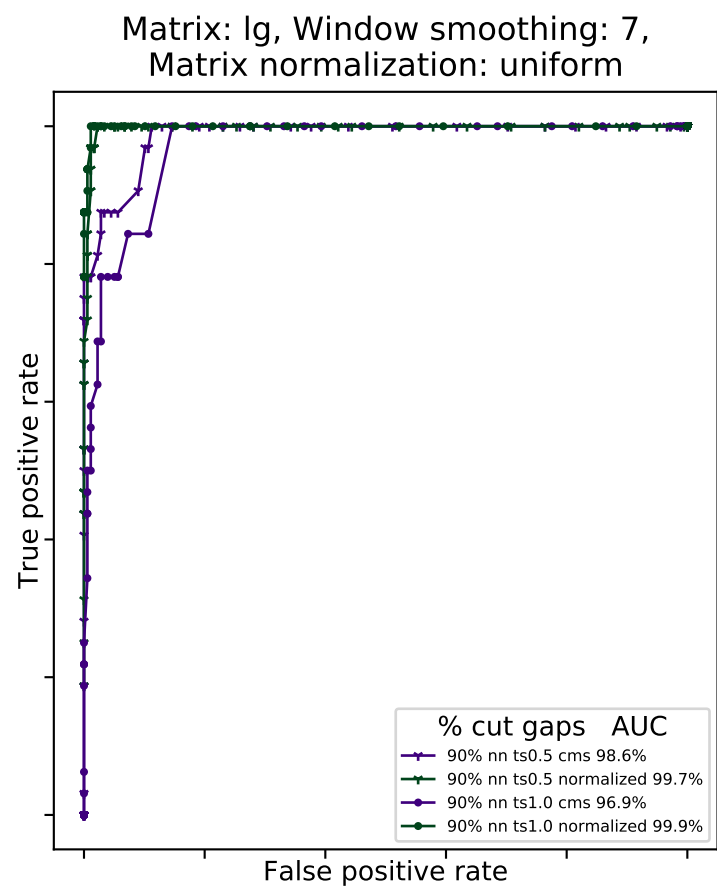
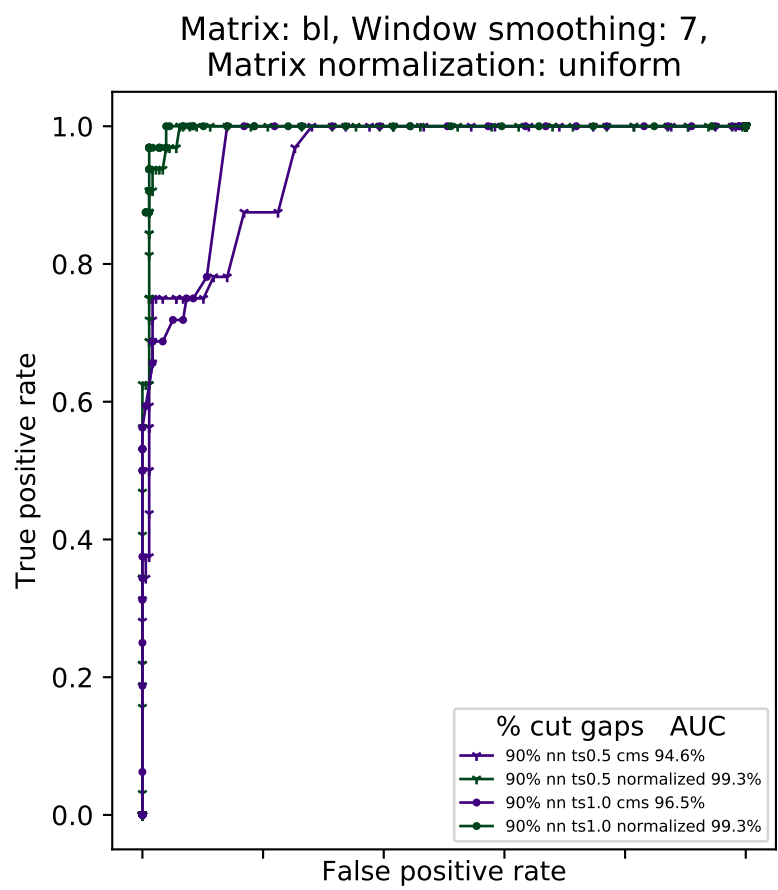
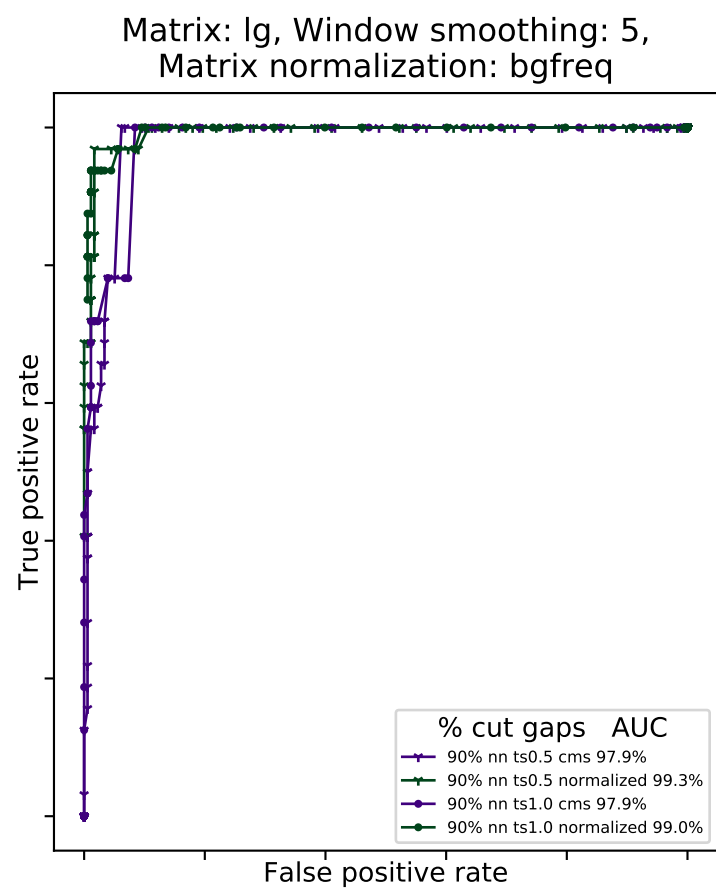
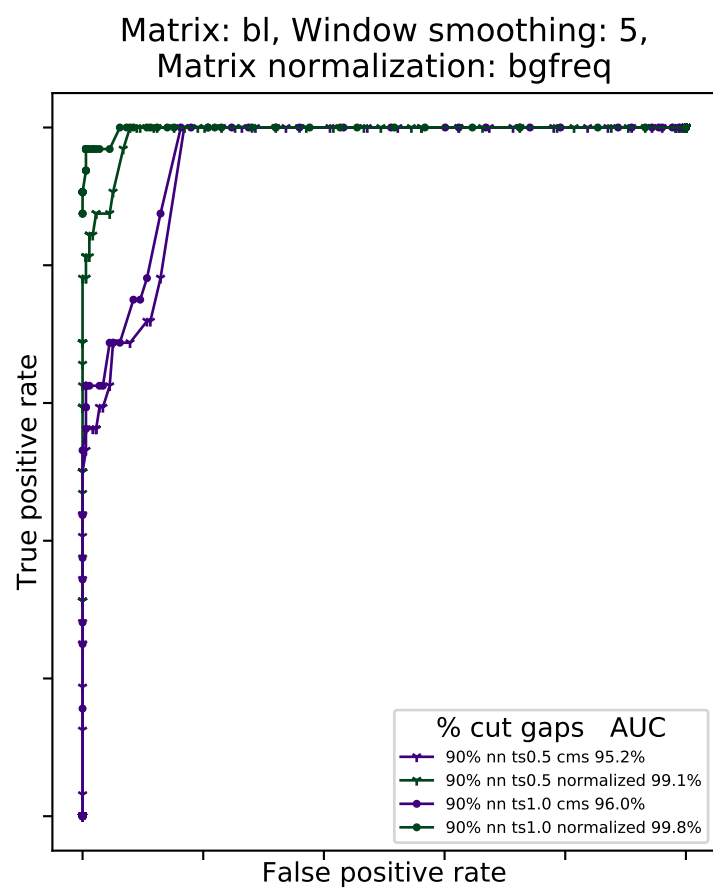
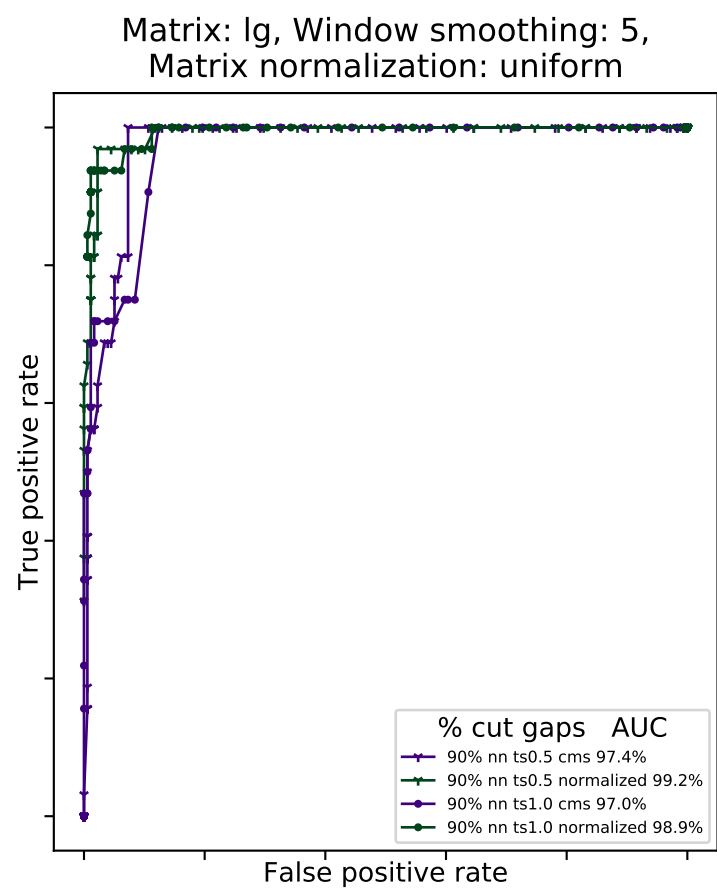
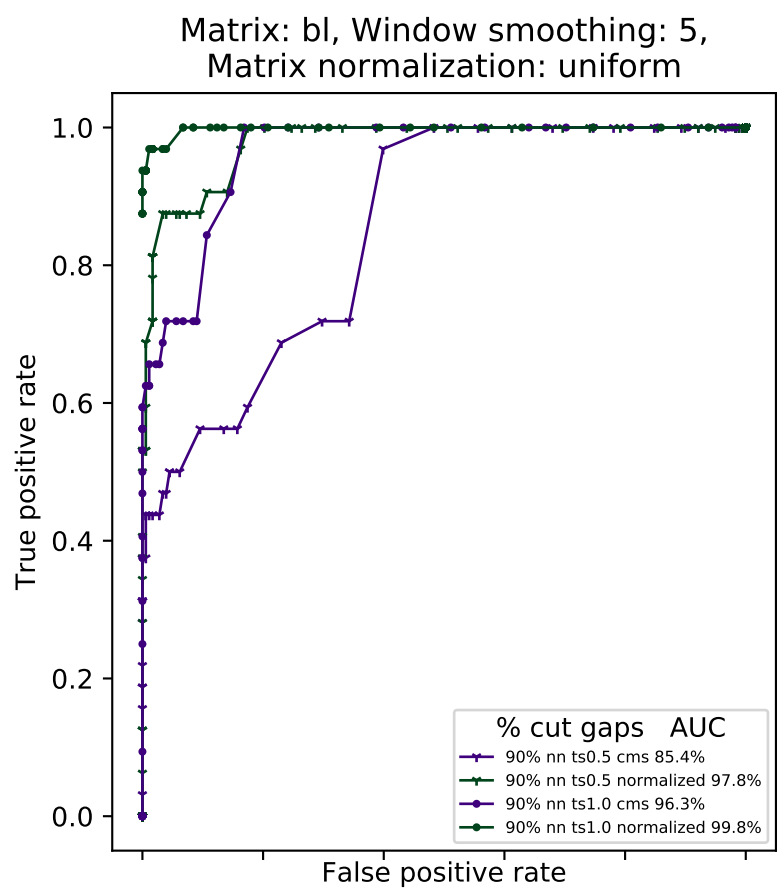
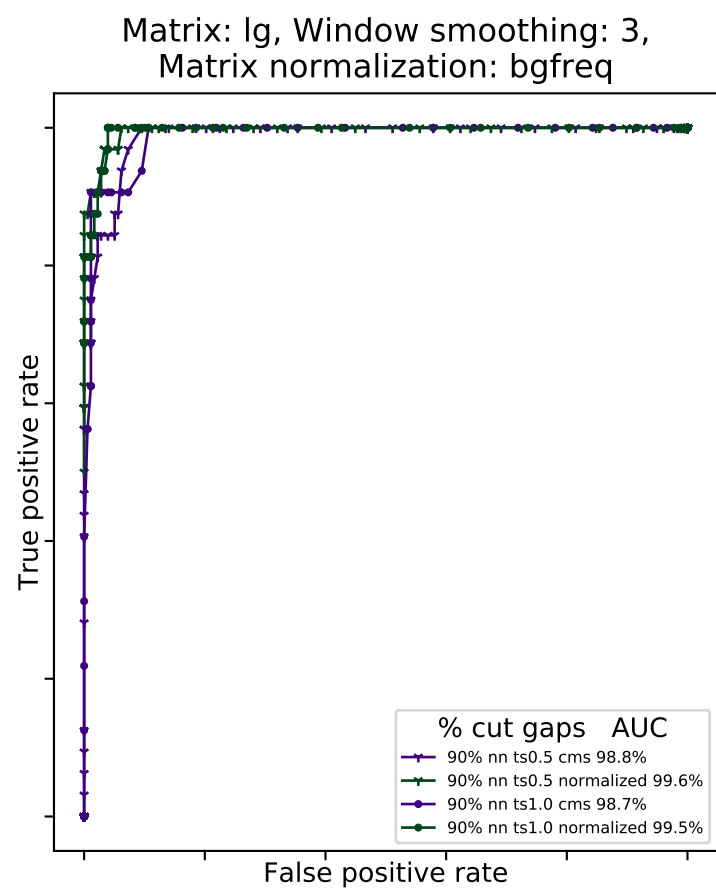
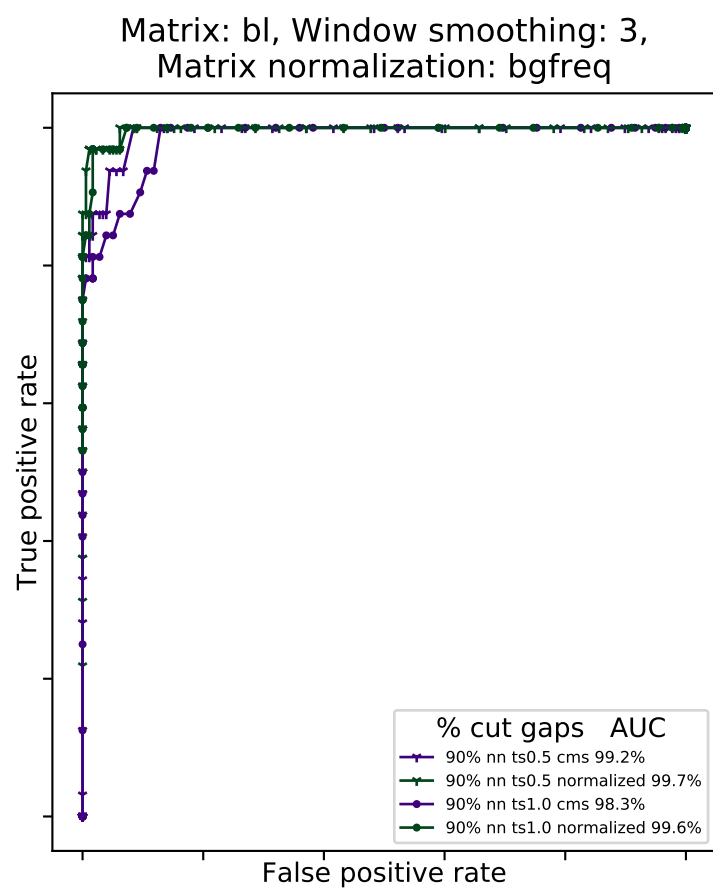
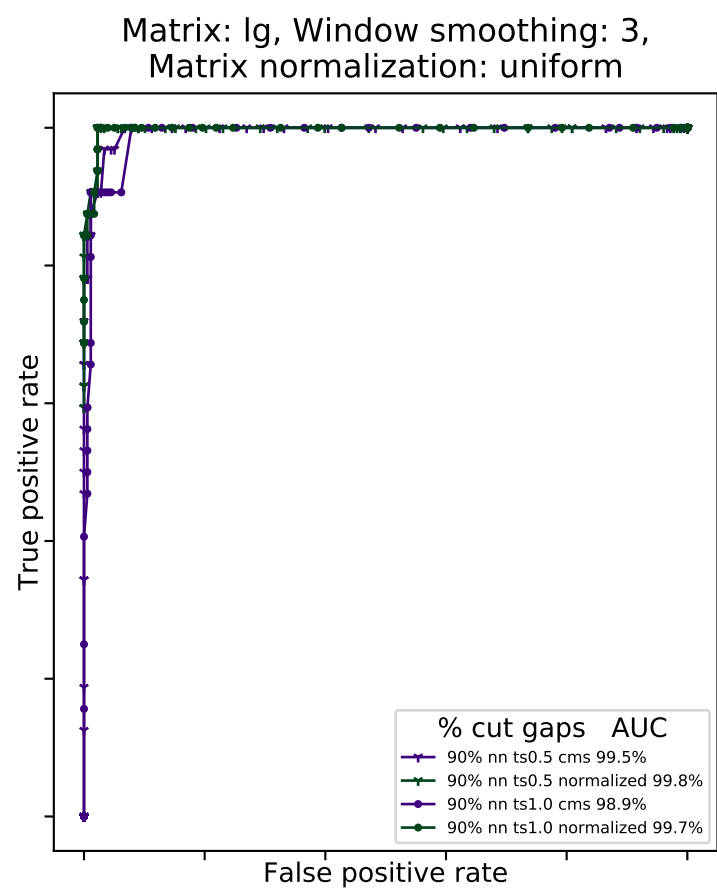
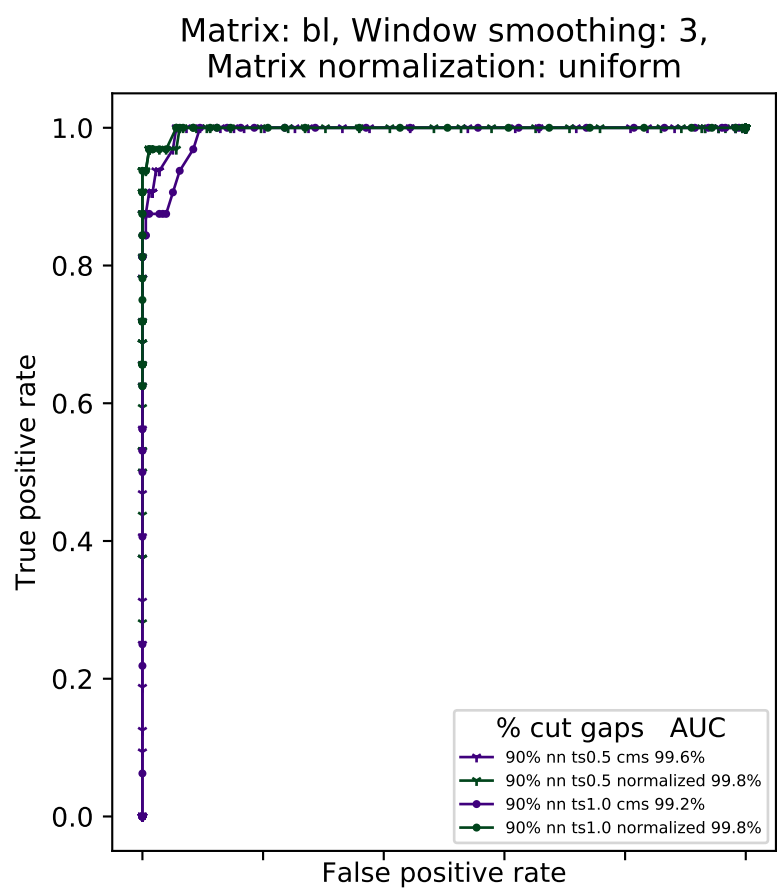
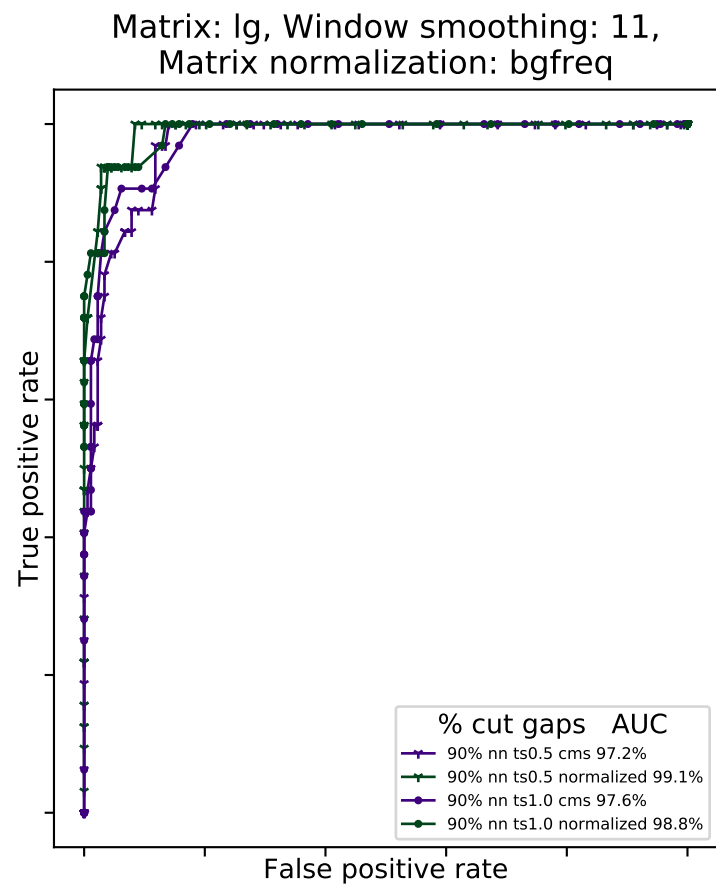
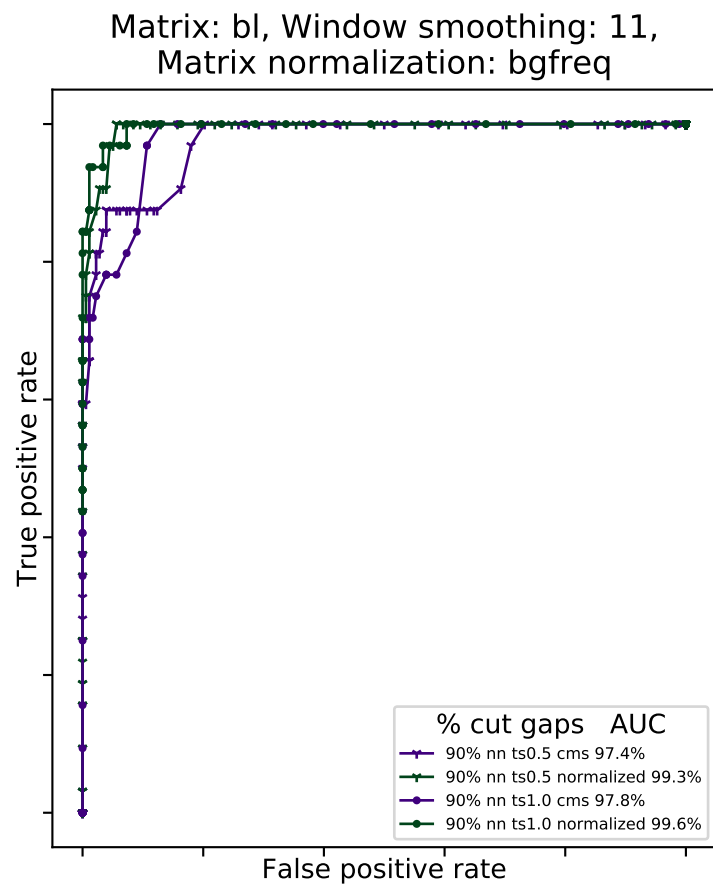
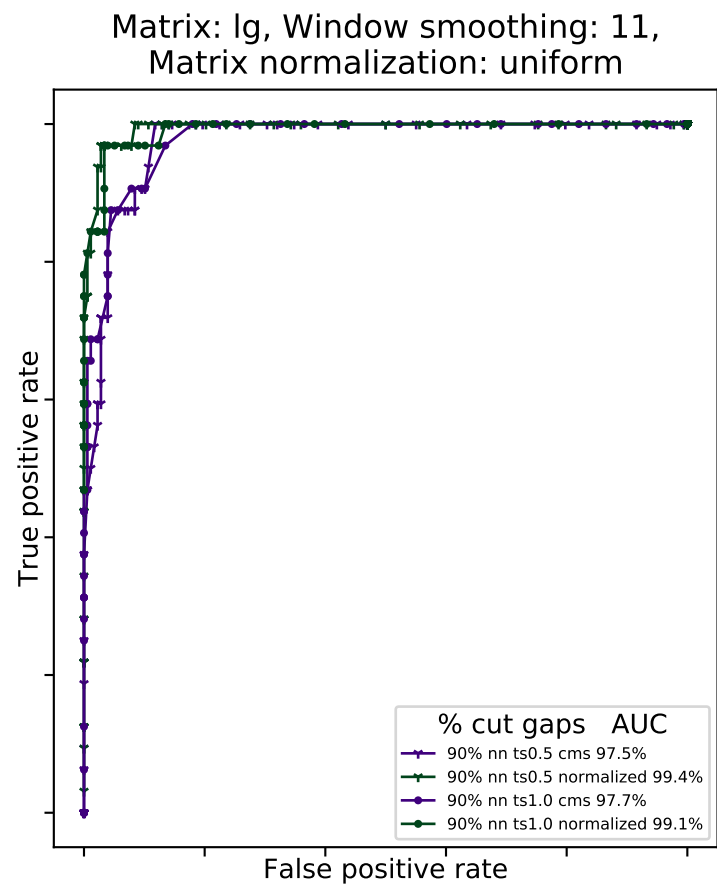
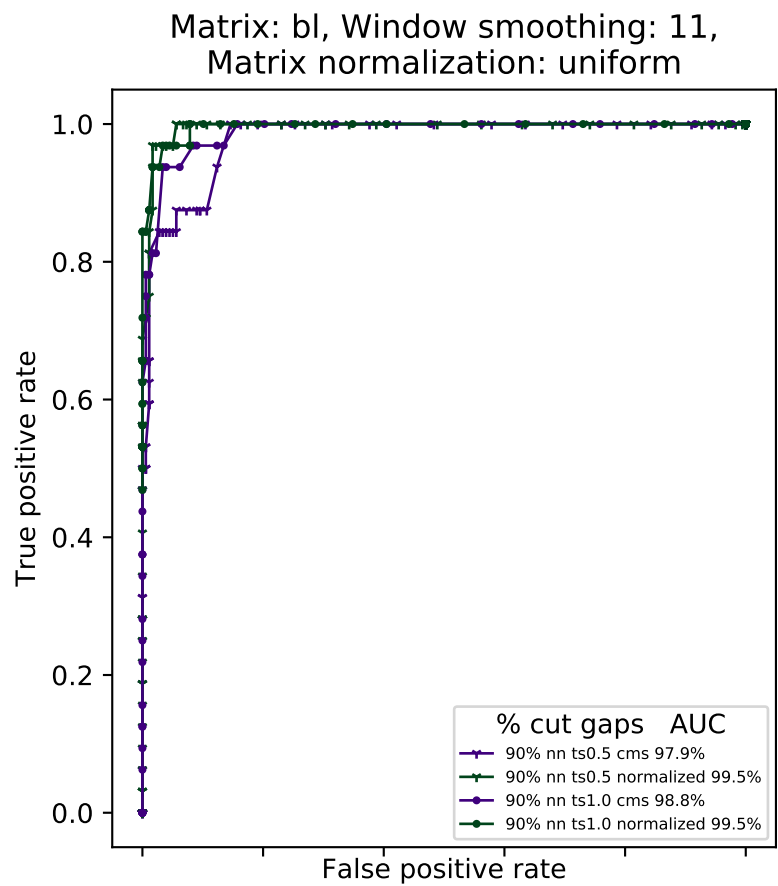


# BBS vs PRST



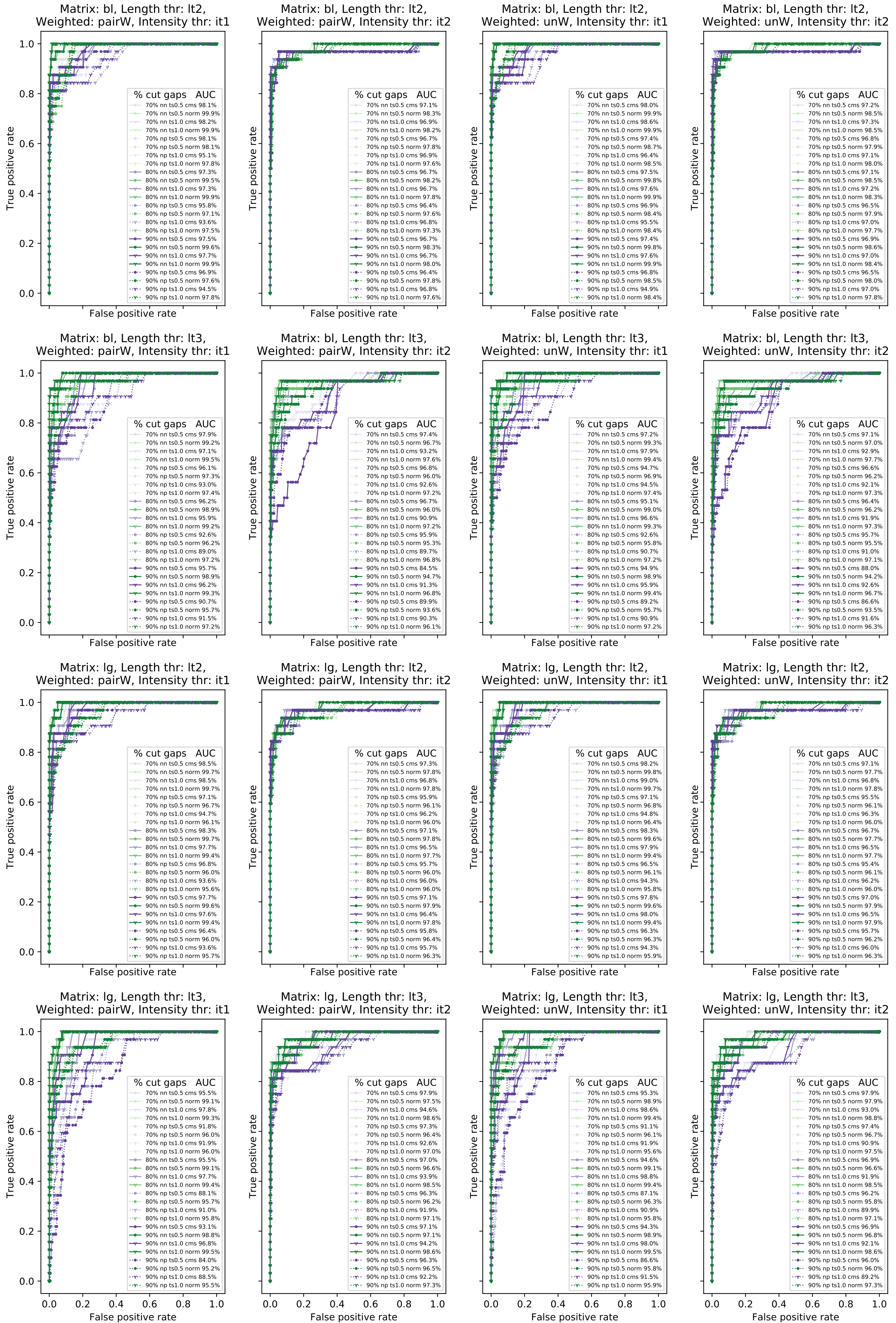




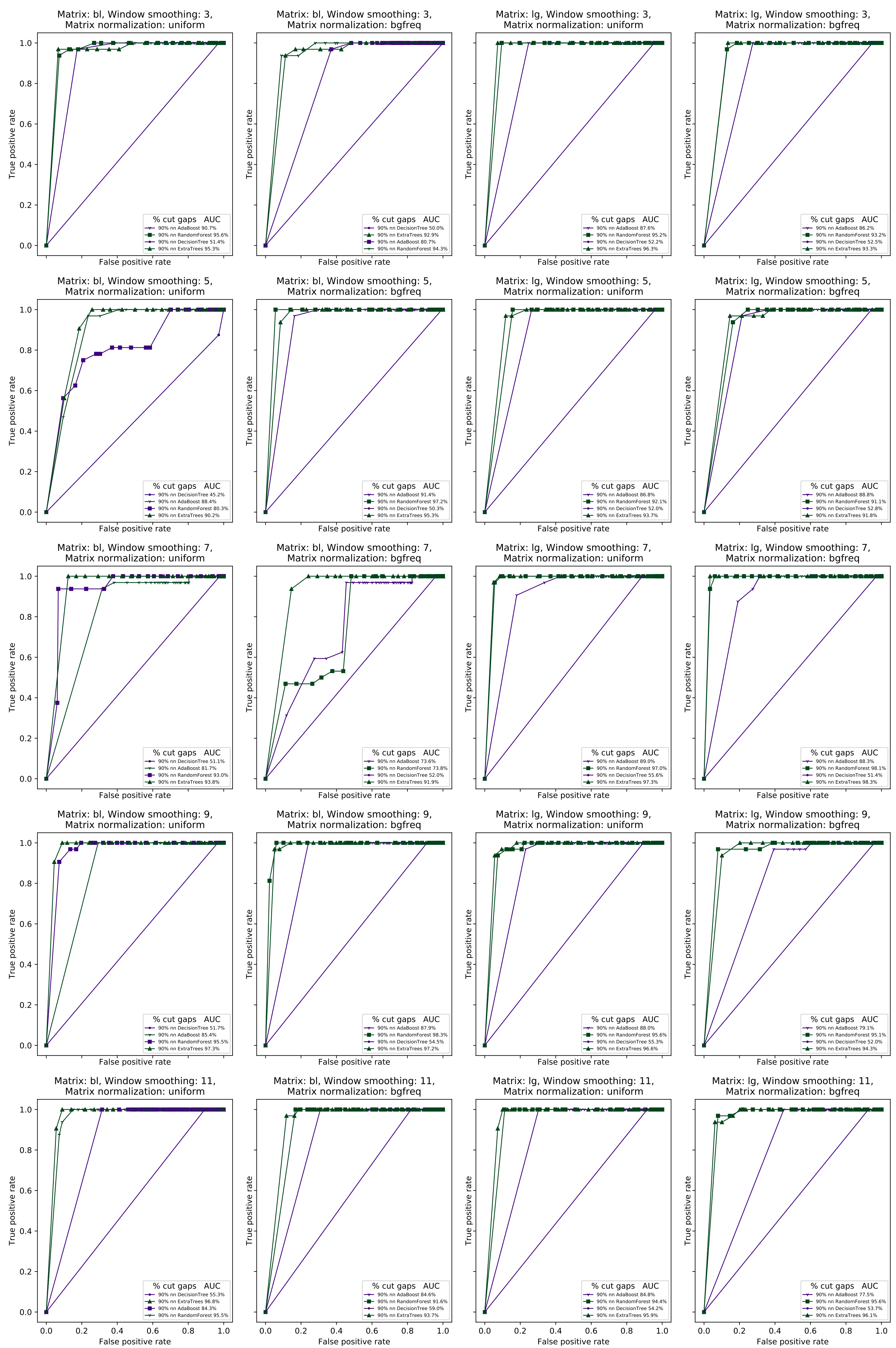




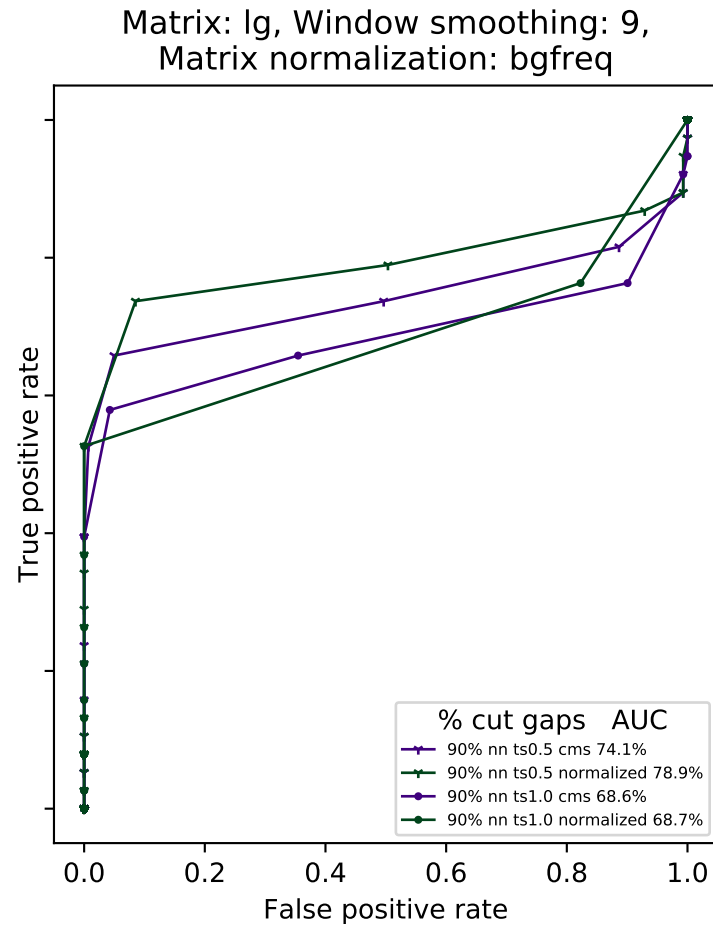
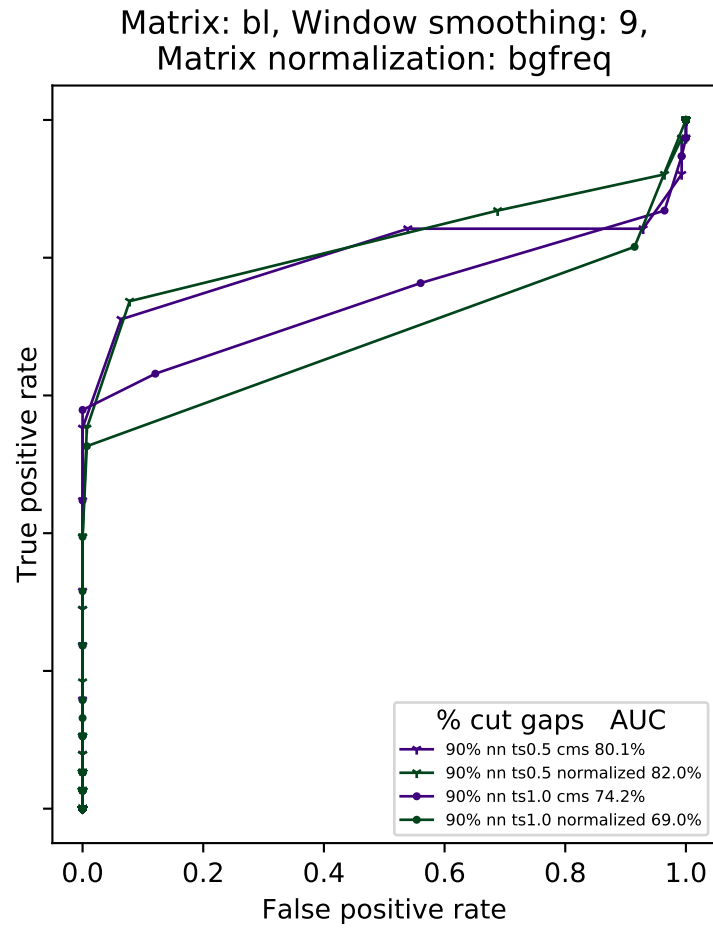
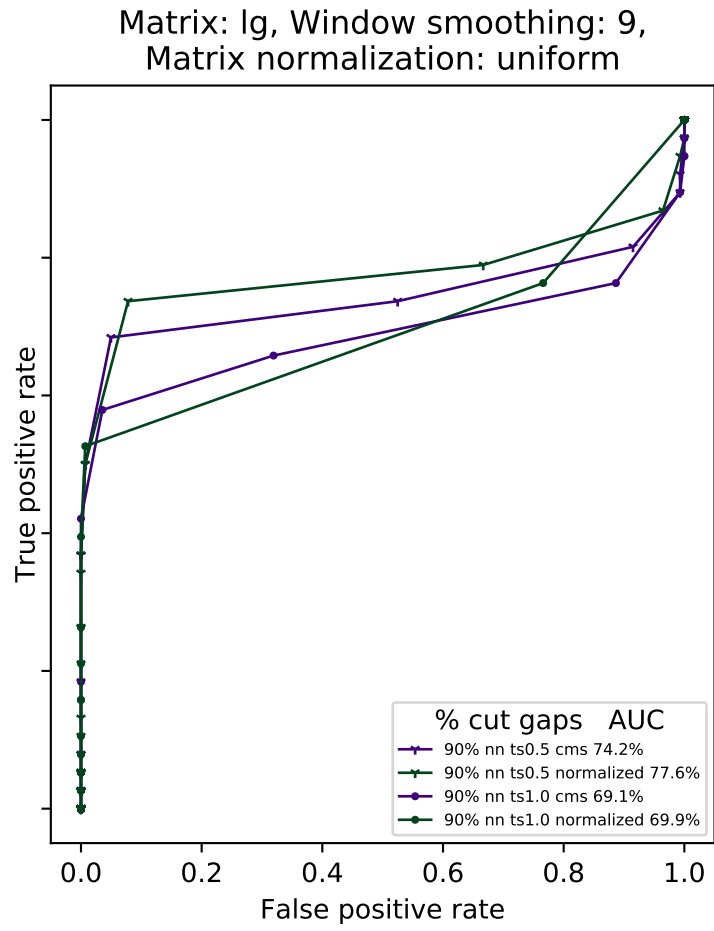
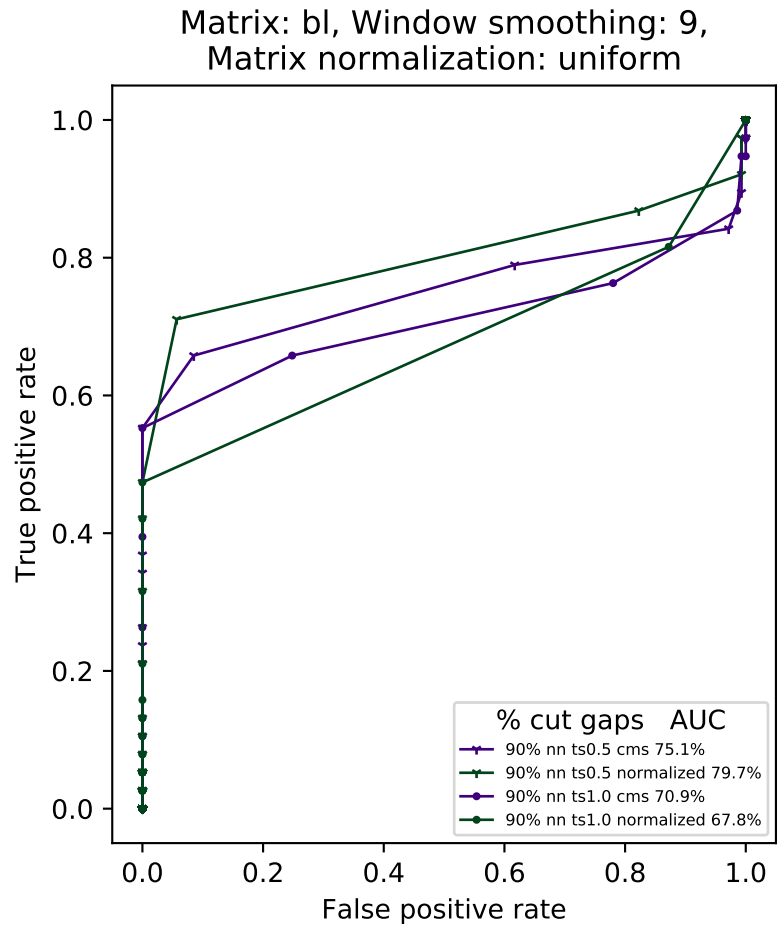
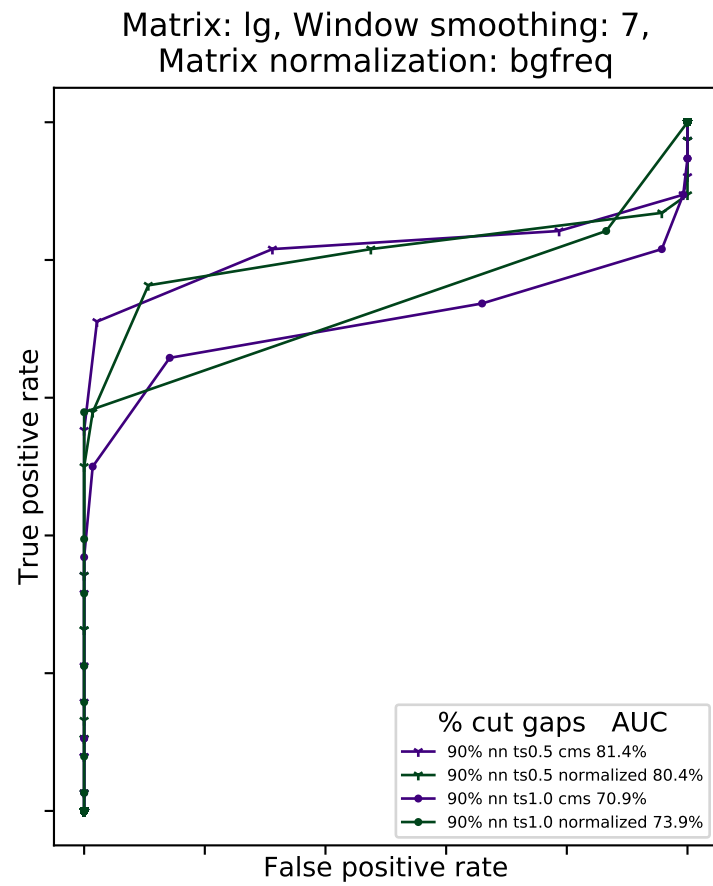
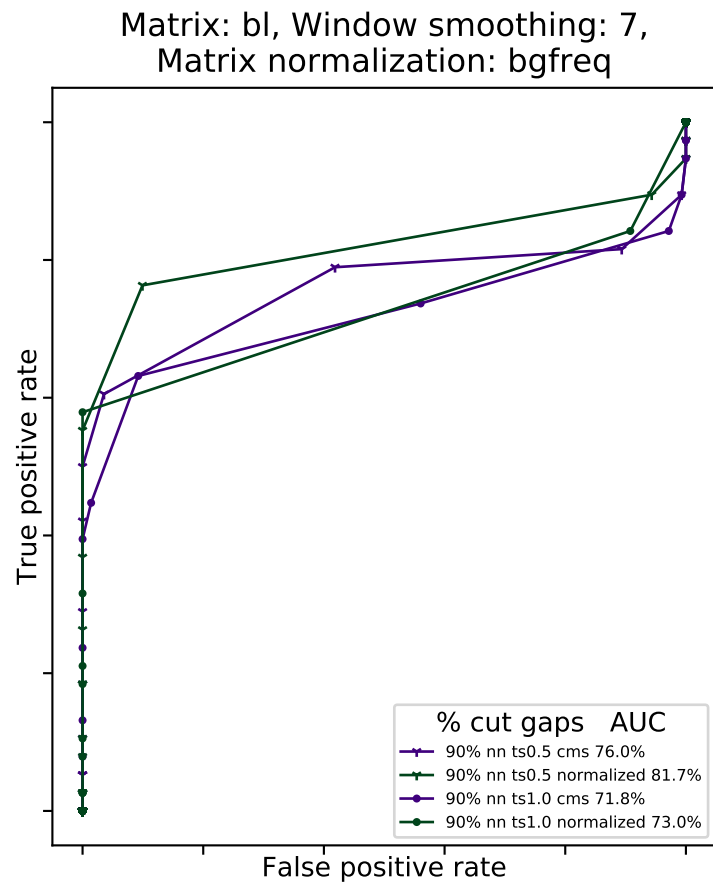
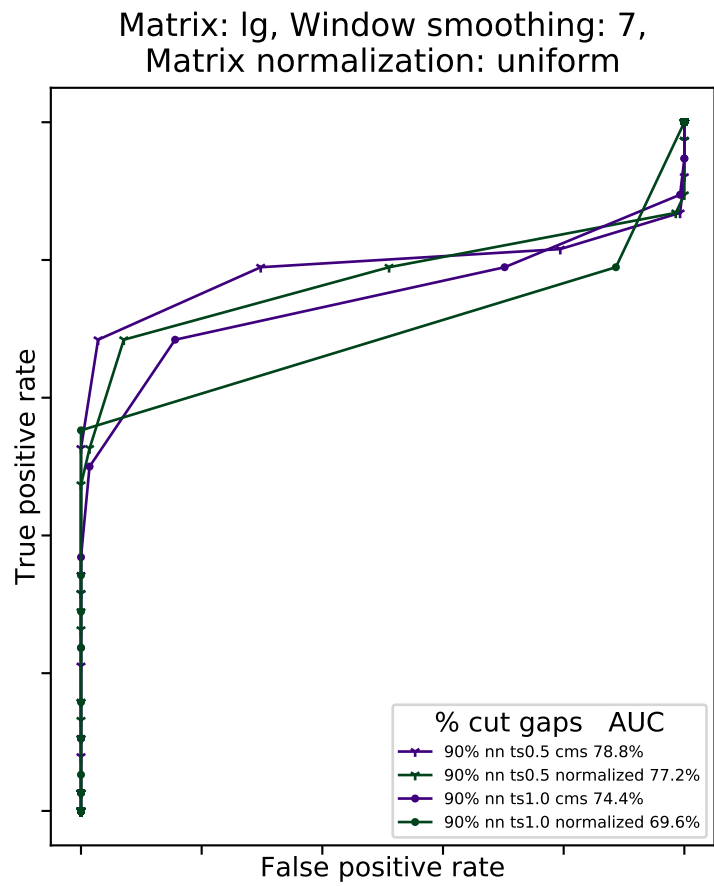
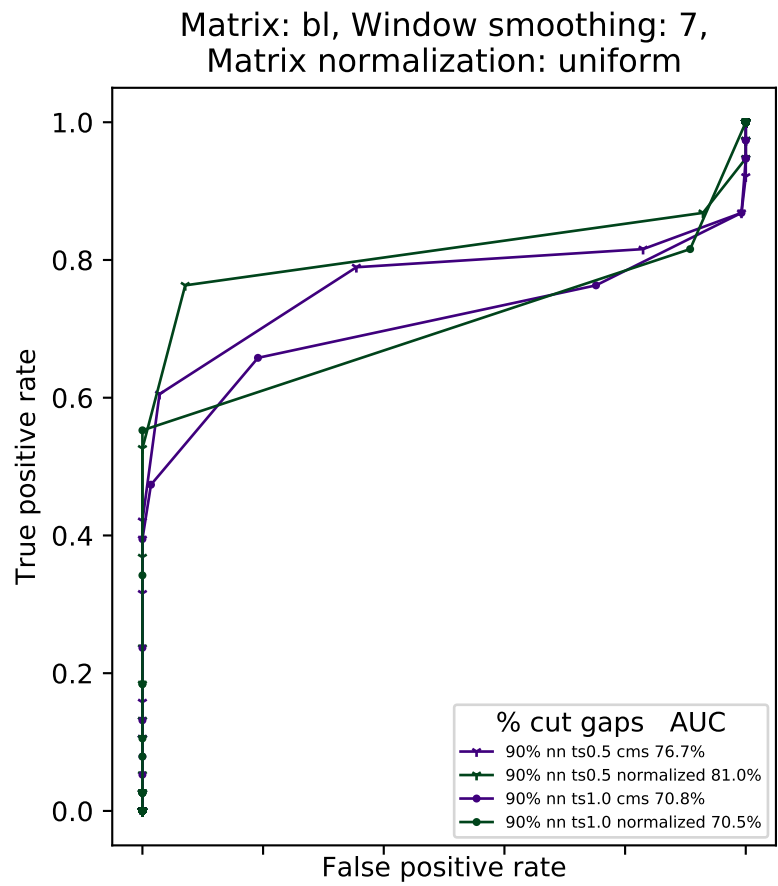
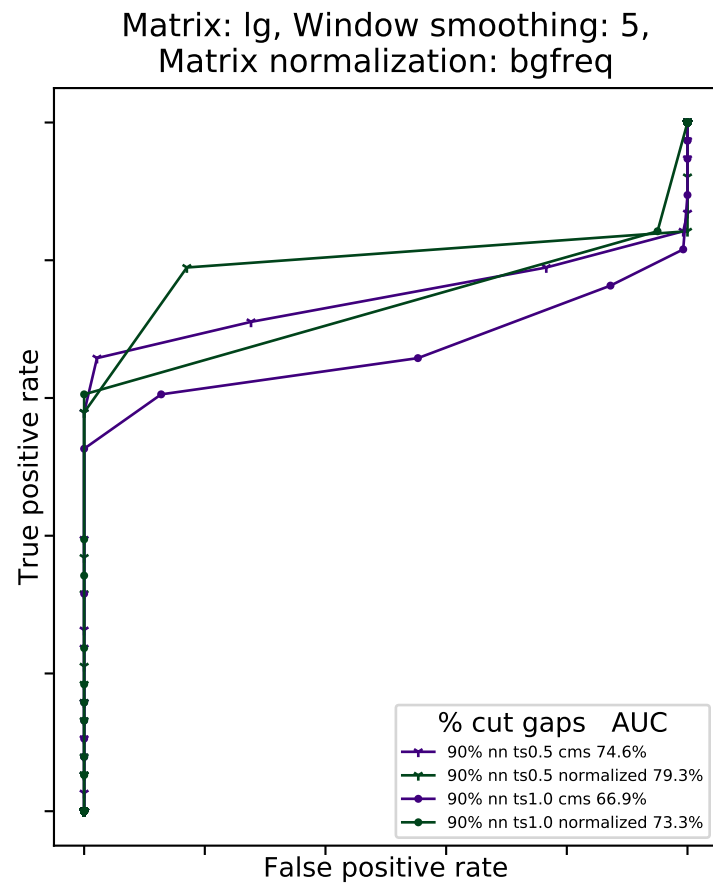
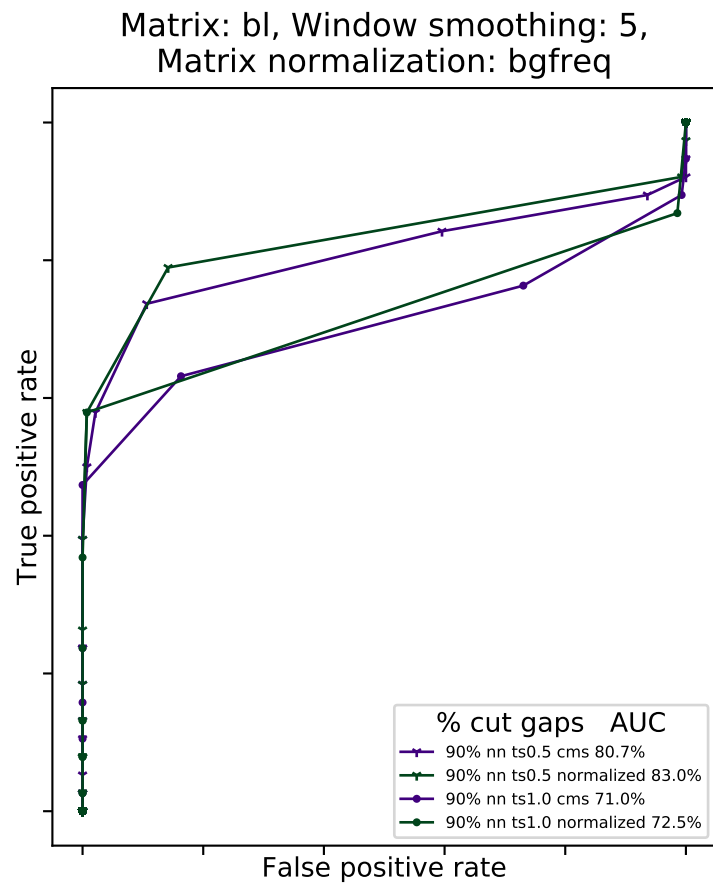
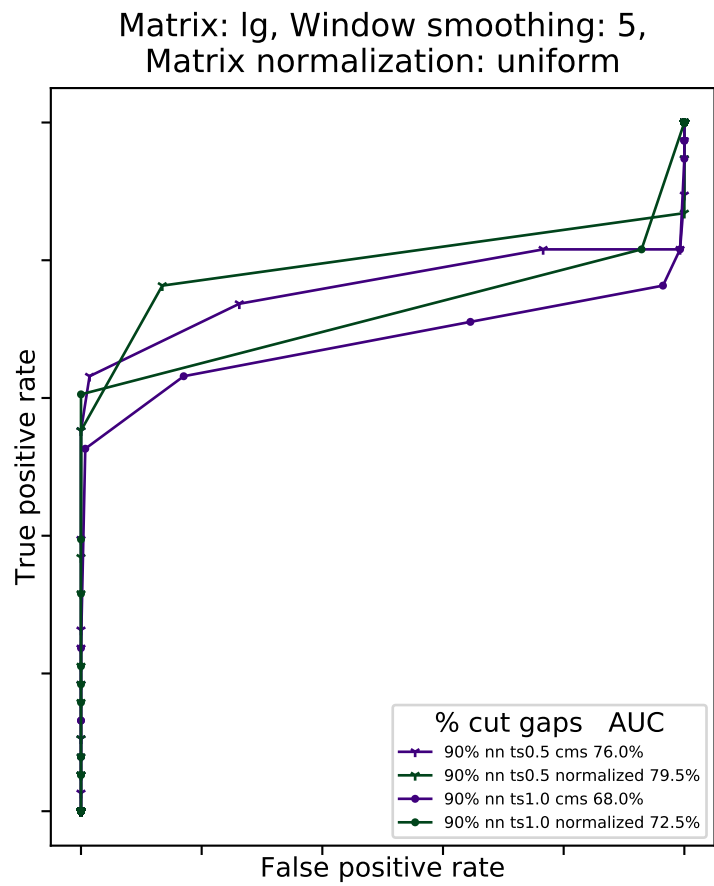
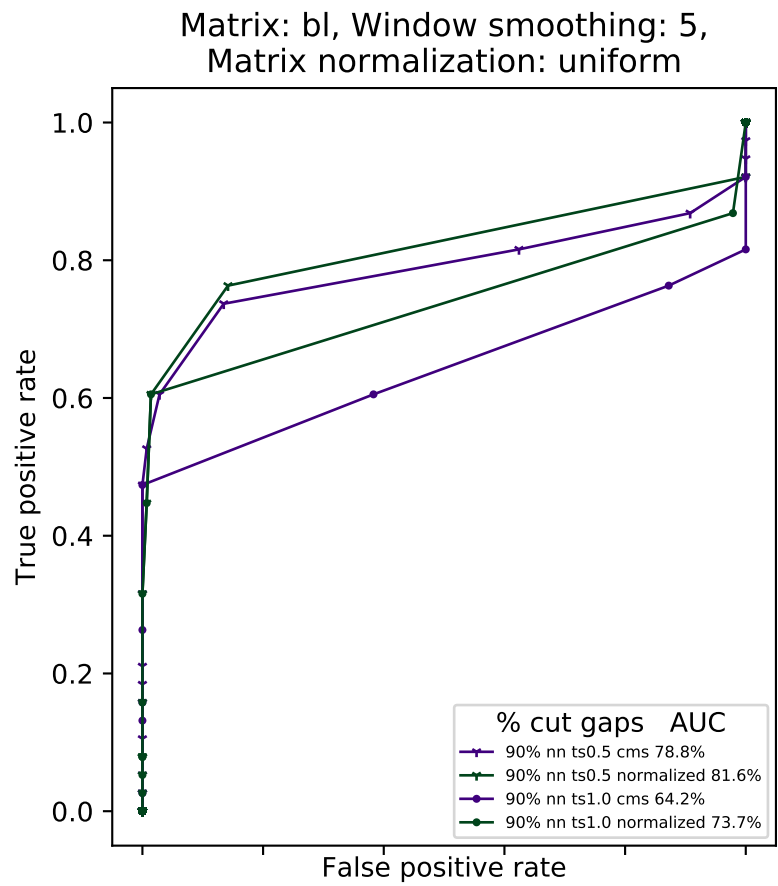
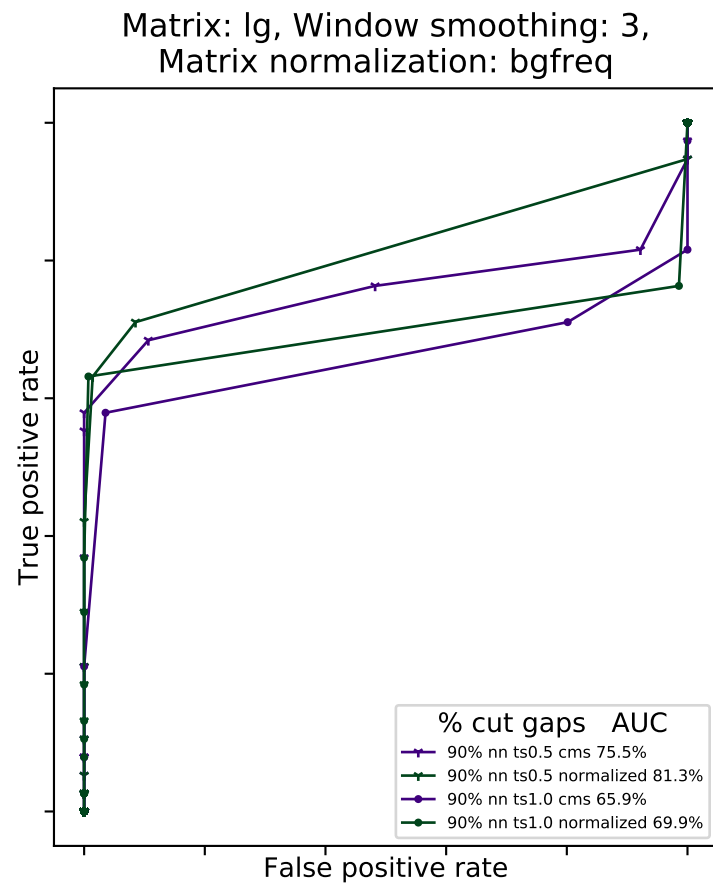
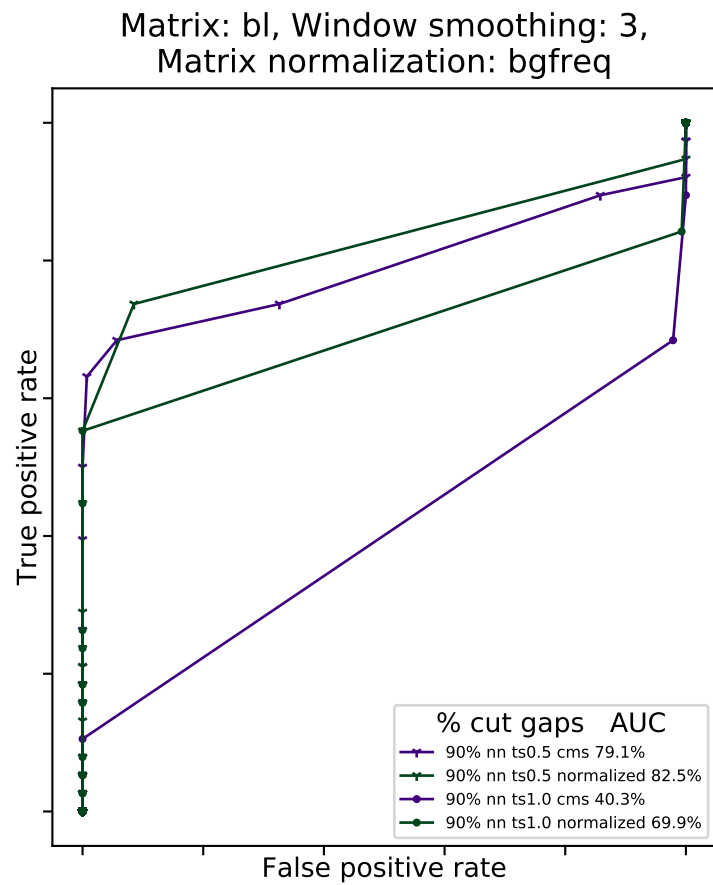
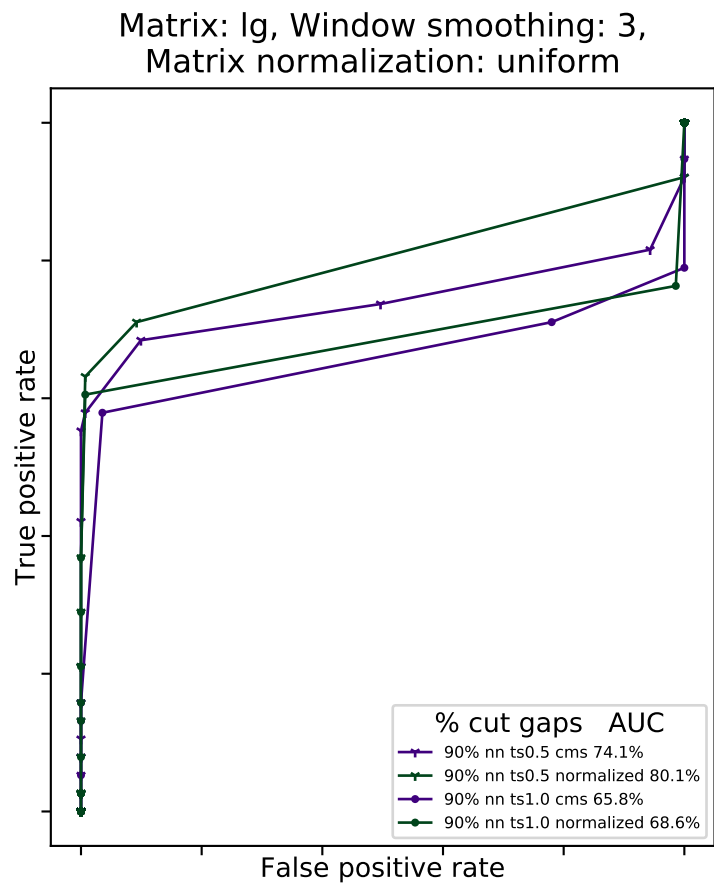
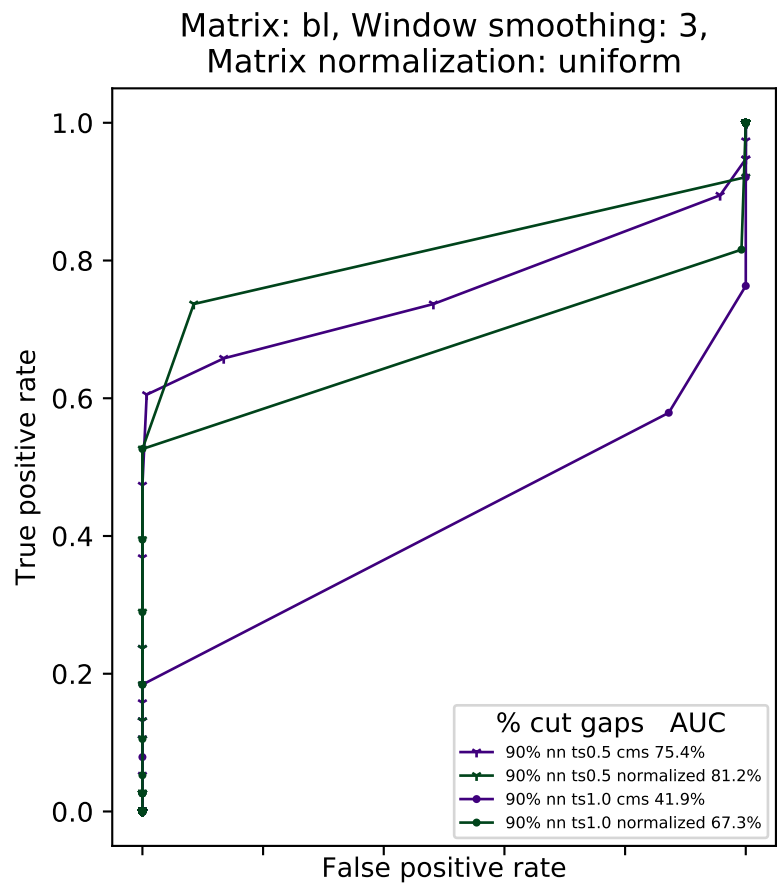
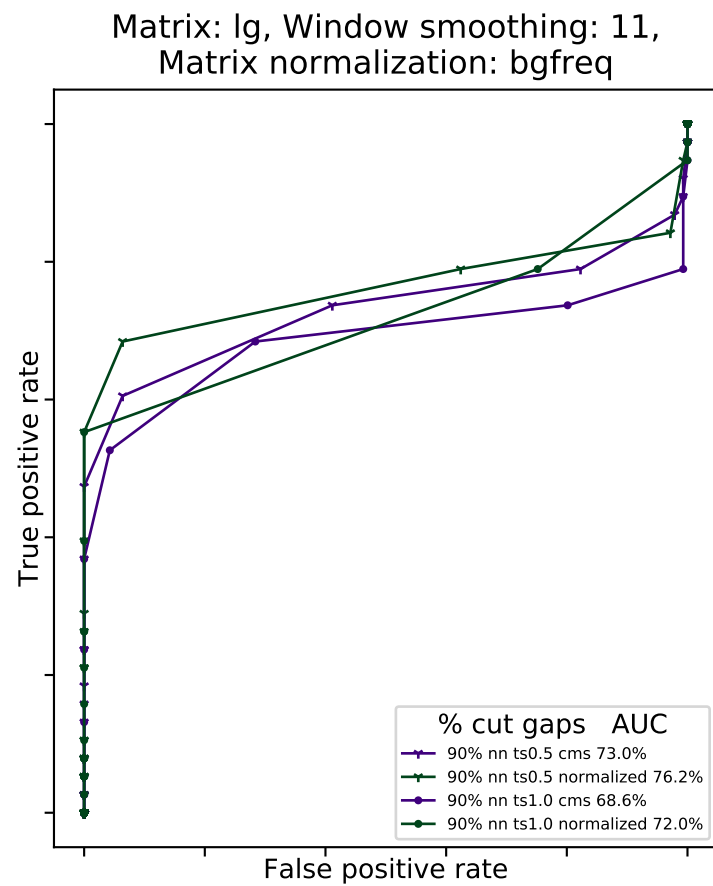
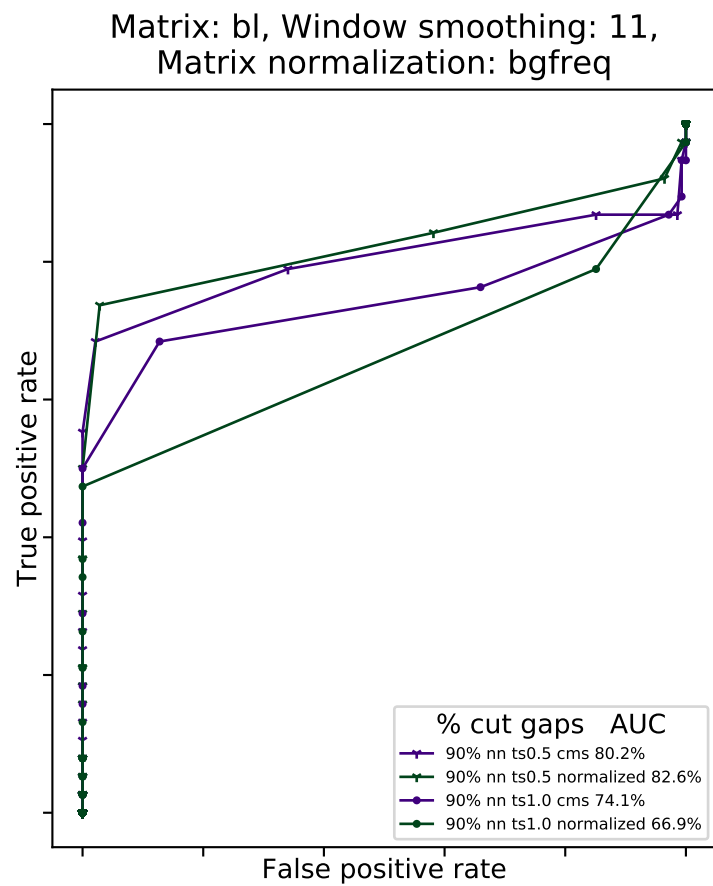
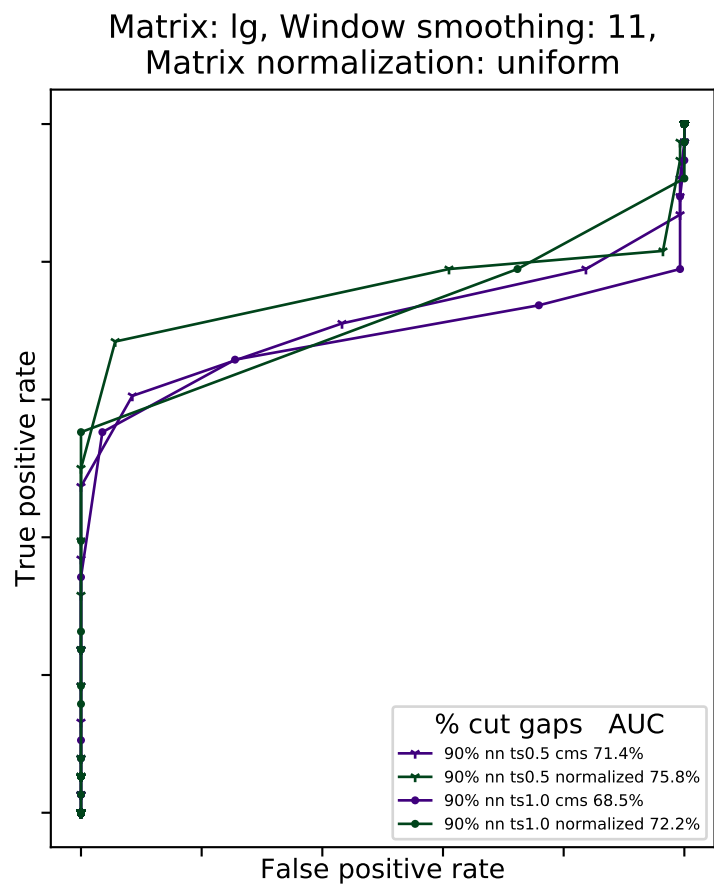
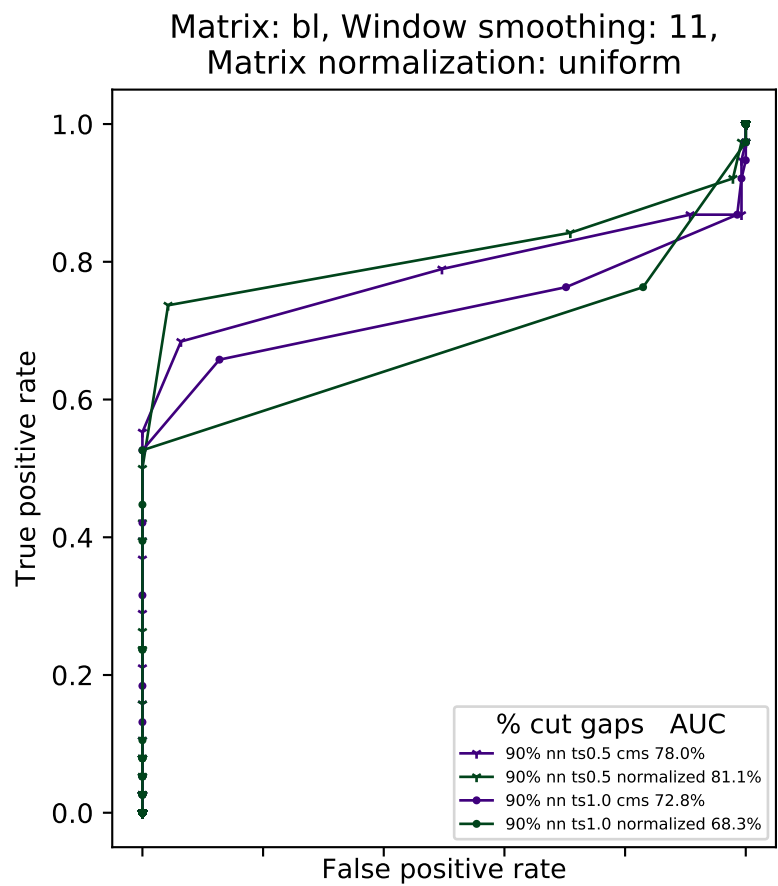
# BBS vs rProt





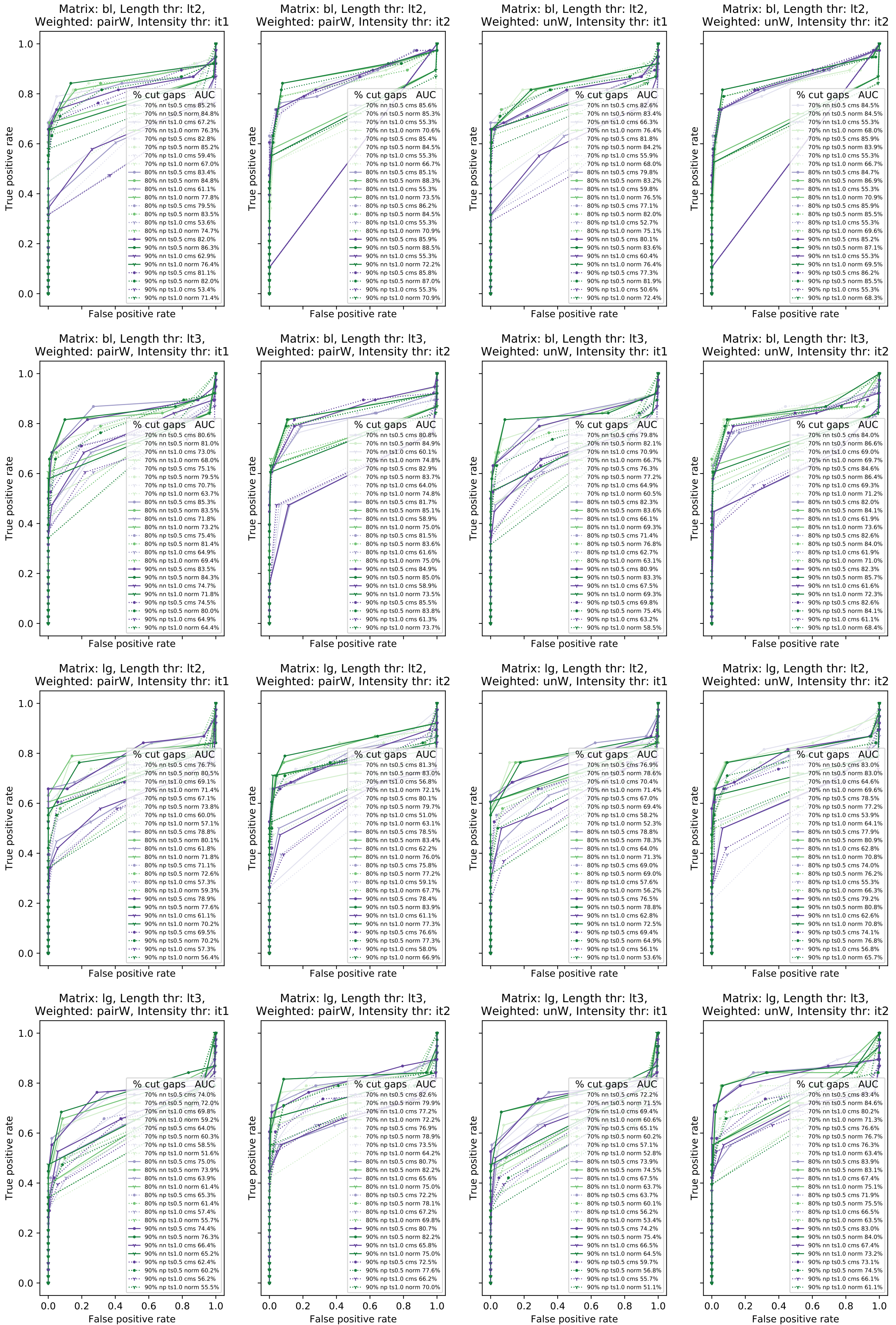




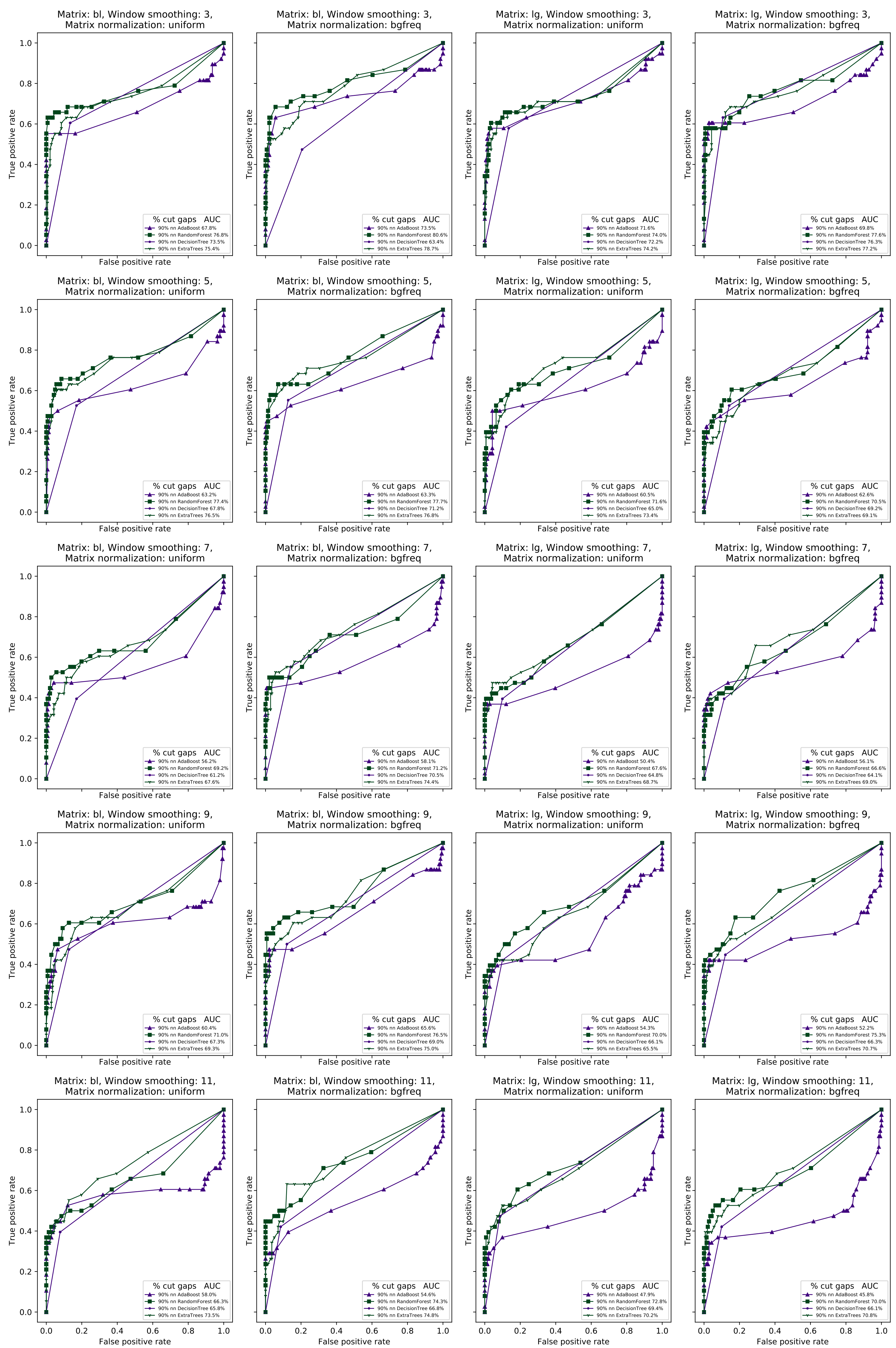




PRST vs BBS



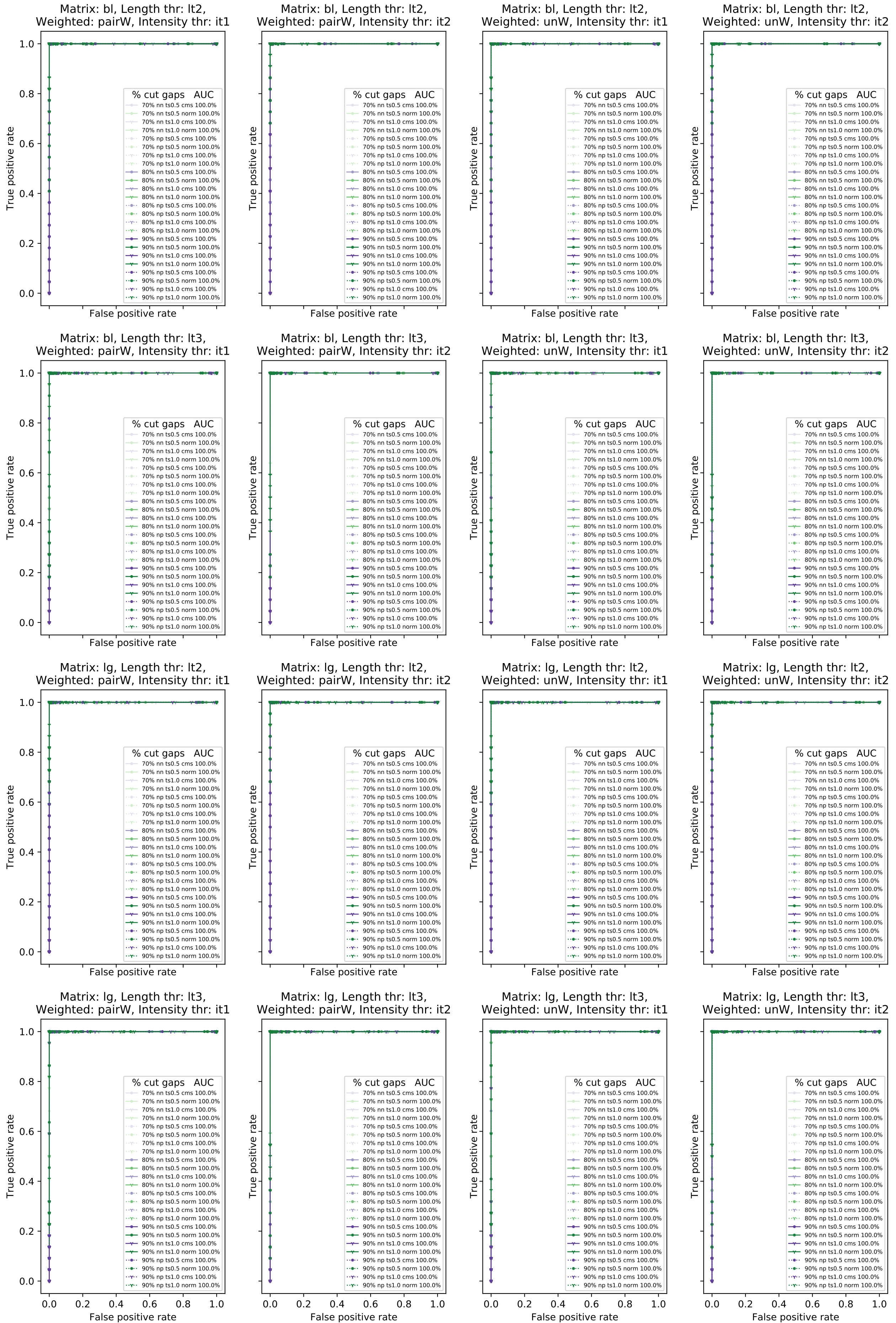


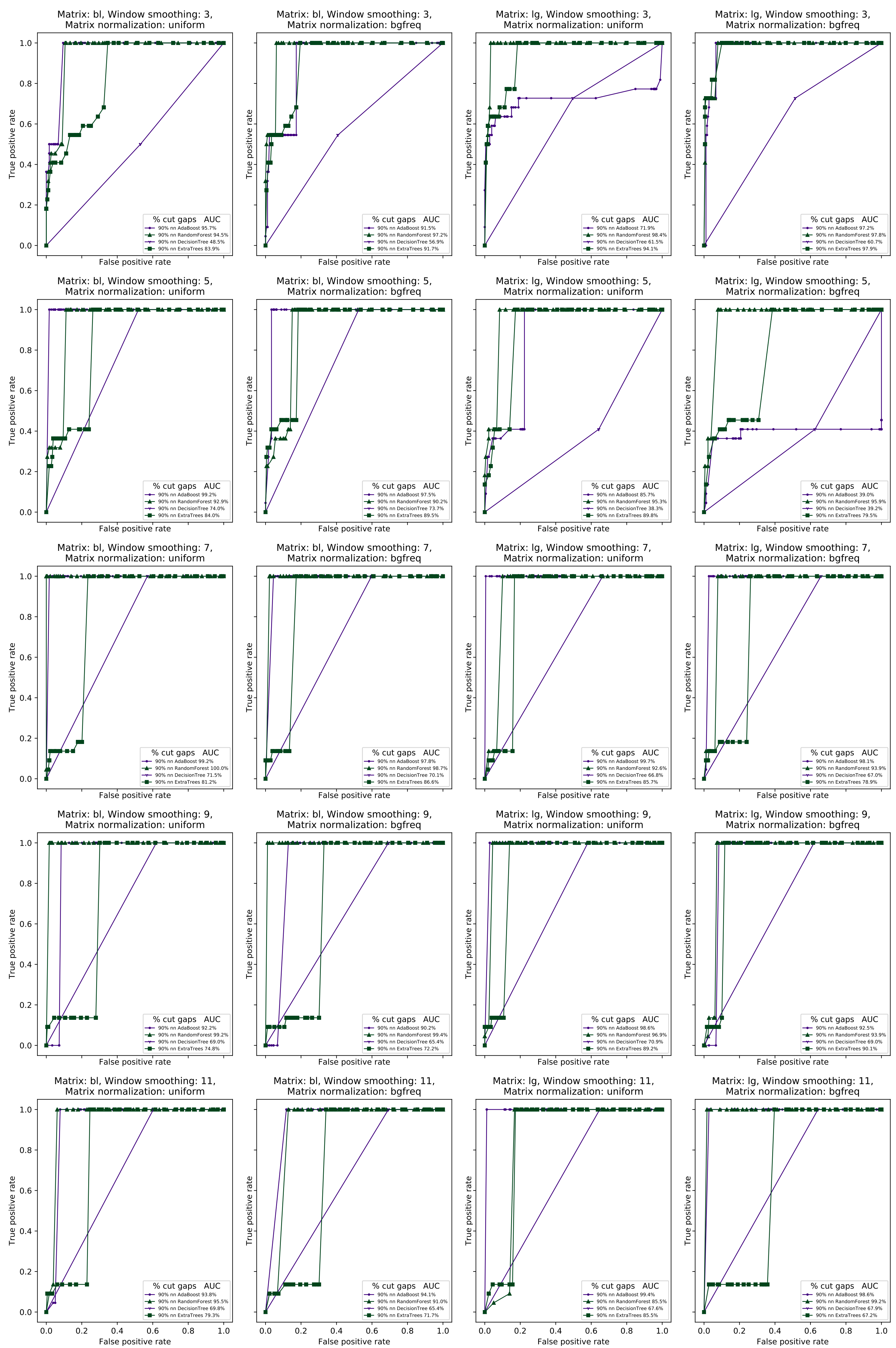




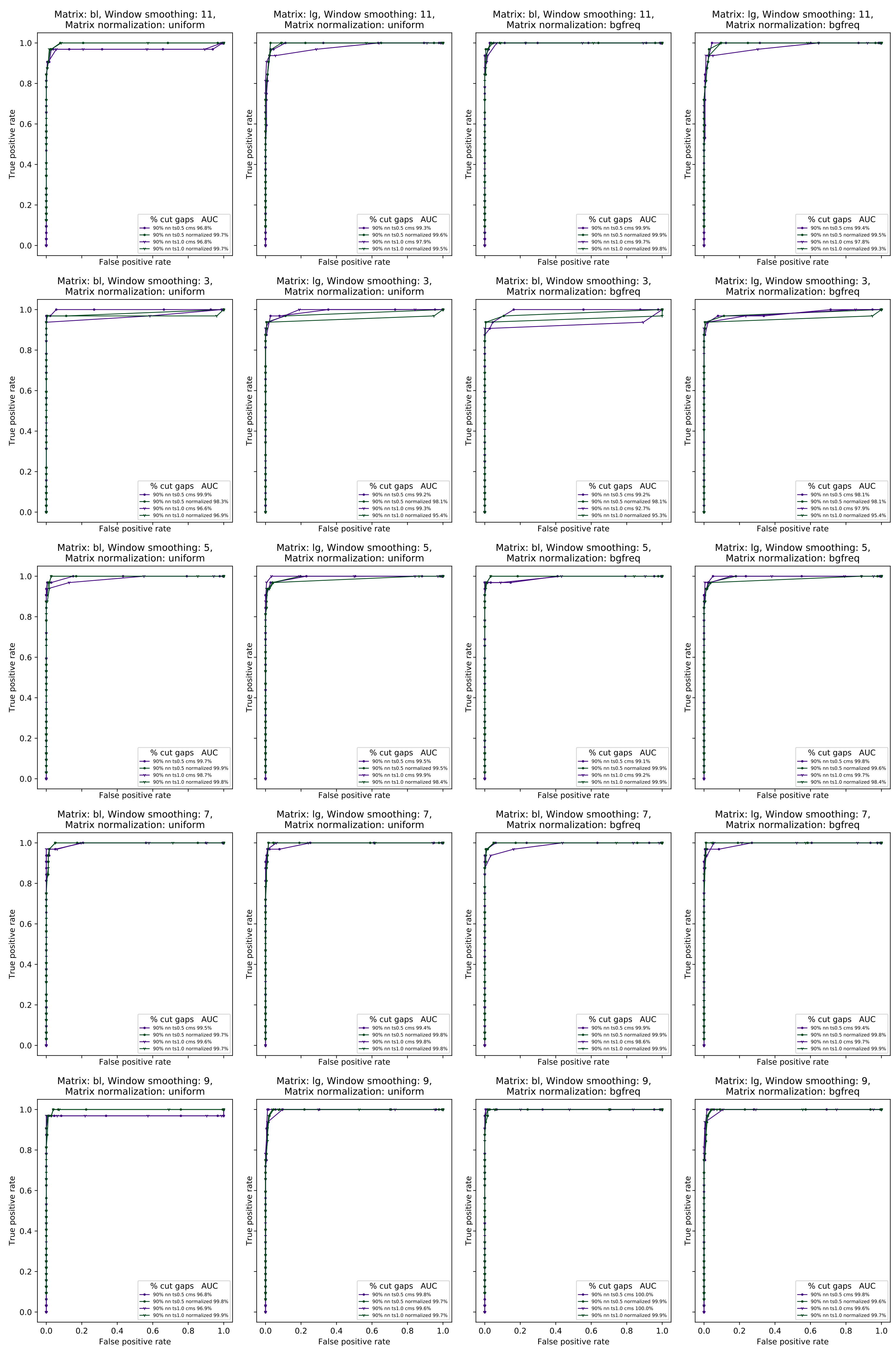


# PRST vs IND











PRST vs rProt

