

“LAW AS DATA”

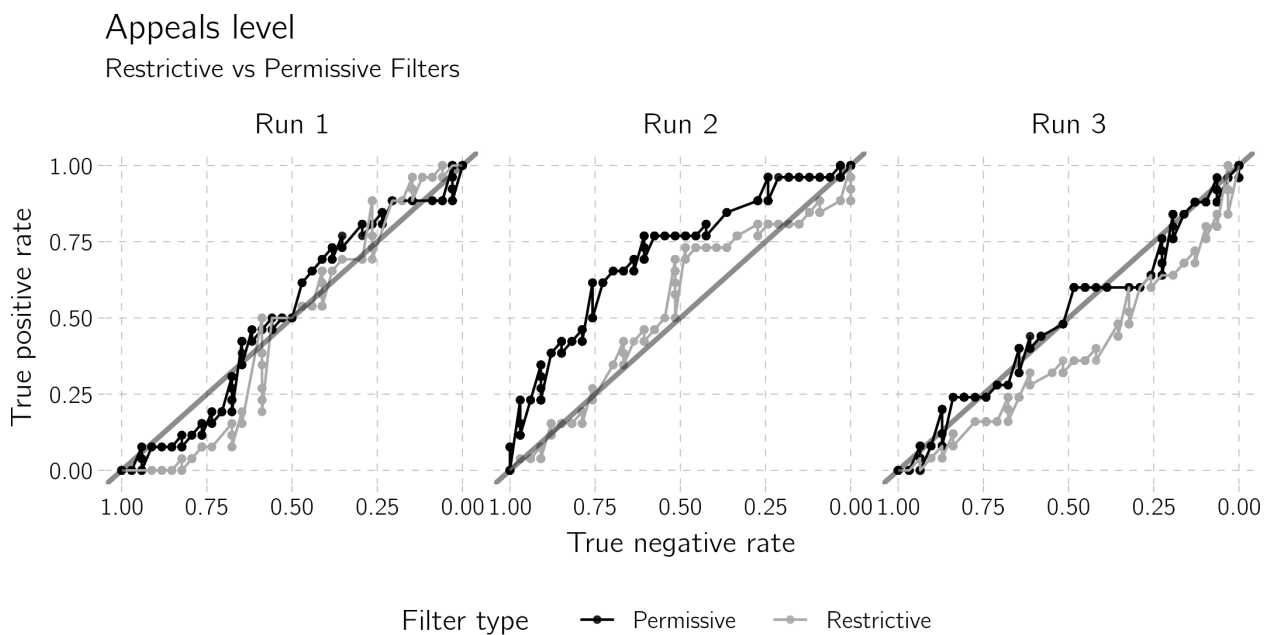
Dumas Figures

September 21st 2018

This markdown is for Dumas figures.

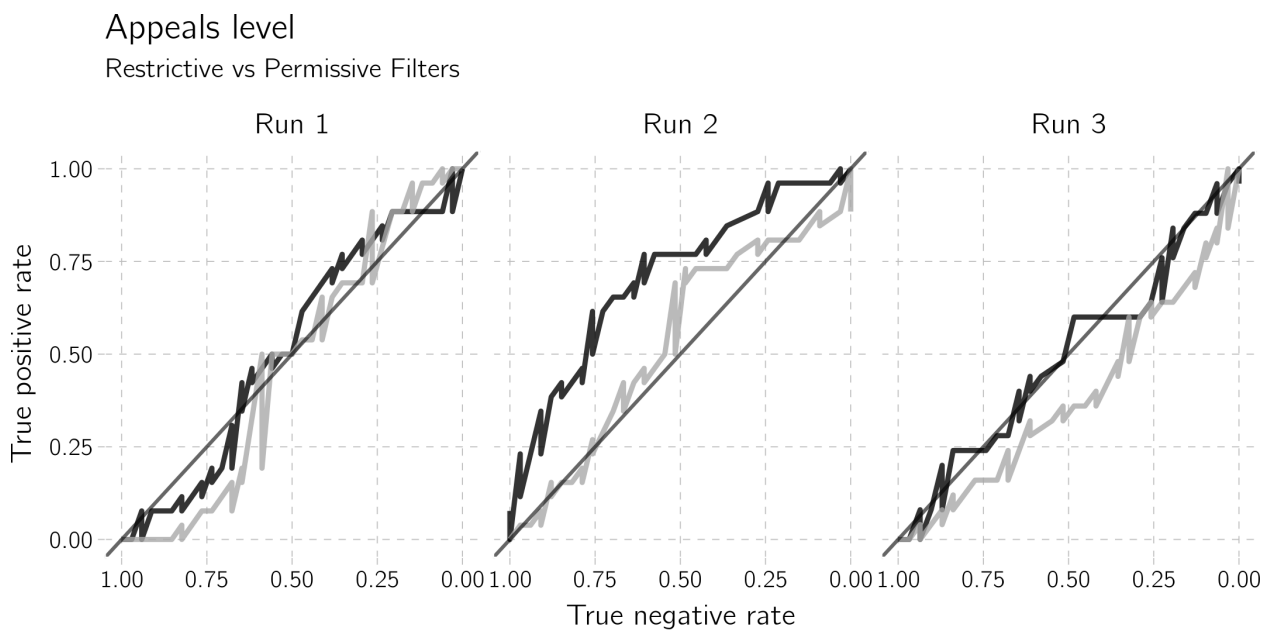
There are a total of 4 datasets that come with this publication corresponding to 2 charts (with 2 figures in each chart - (a) Appeals level and (b) District level). However, the datasets aren't labeled whether they are Appeals or District level, so I went in order of how the datasets were labeled - “figure_1.csv” corresponds to “Figure 1 (a) Appeals level” (from the paper), “figure_2.csv” corresponds “Figure 1 (b) District level”, “figure_3.csv” corresponds “Figure 2 (a) Appeals level”, “figure_4.csv” corresponds “Figure 2 (b) District level”,

Dumas 1a (Version 1)



The ROC curves of the language model

Dumas 1a (Version 2)

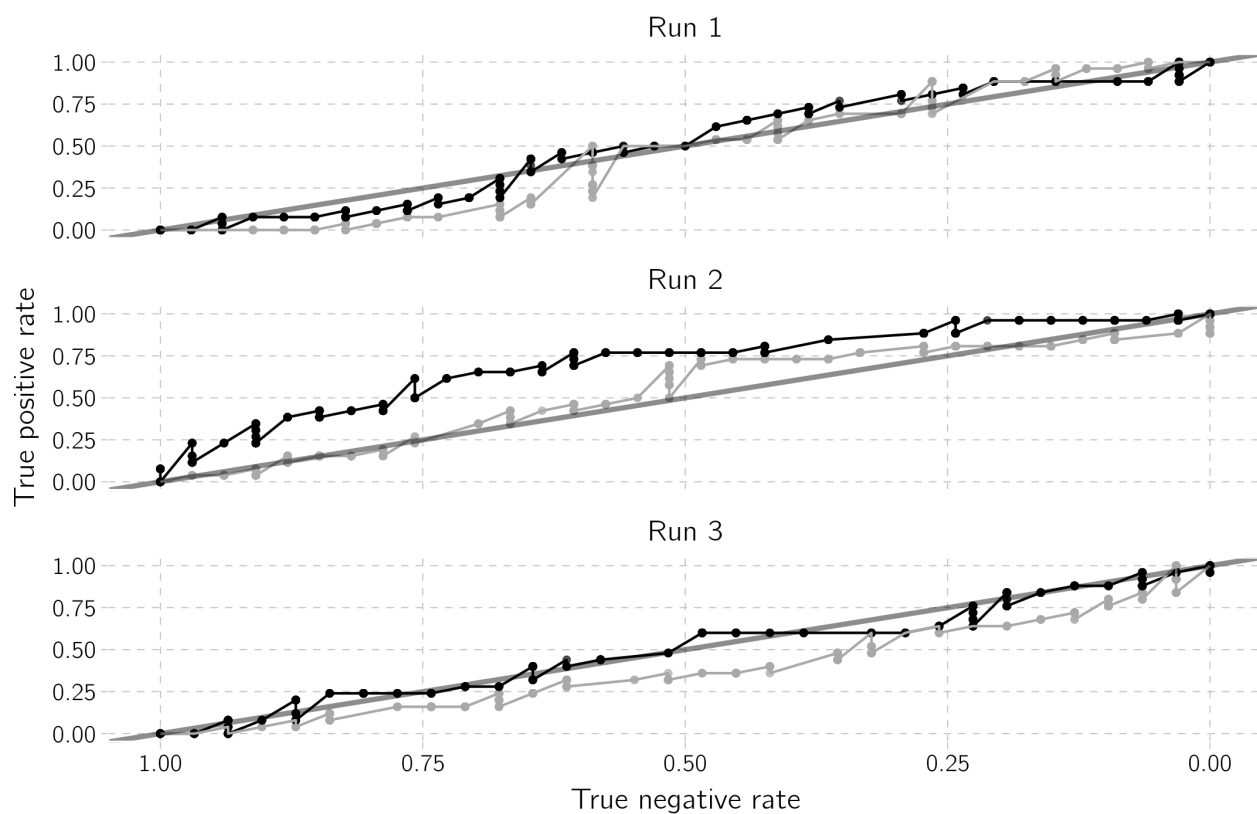


The ROC curves of the language model
*lines smoothed by a local regression

Dumas 1a (Version 3)

Appeals level

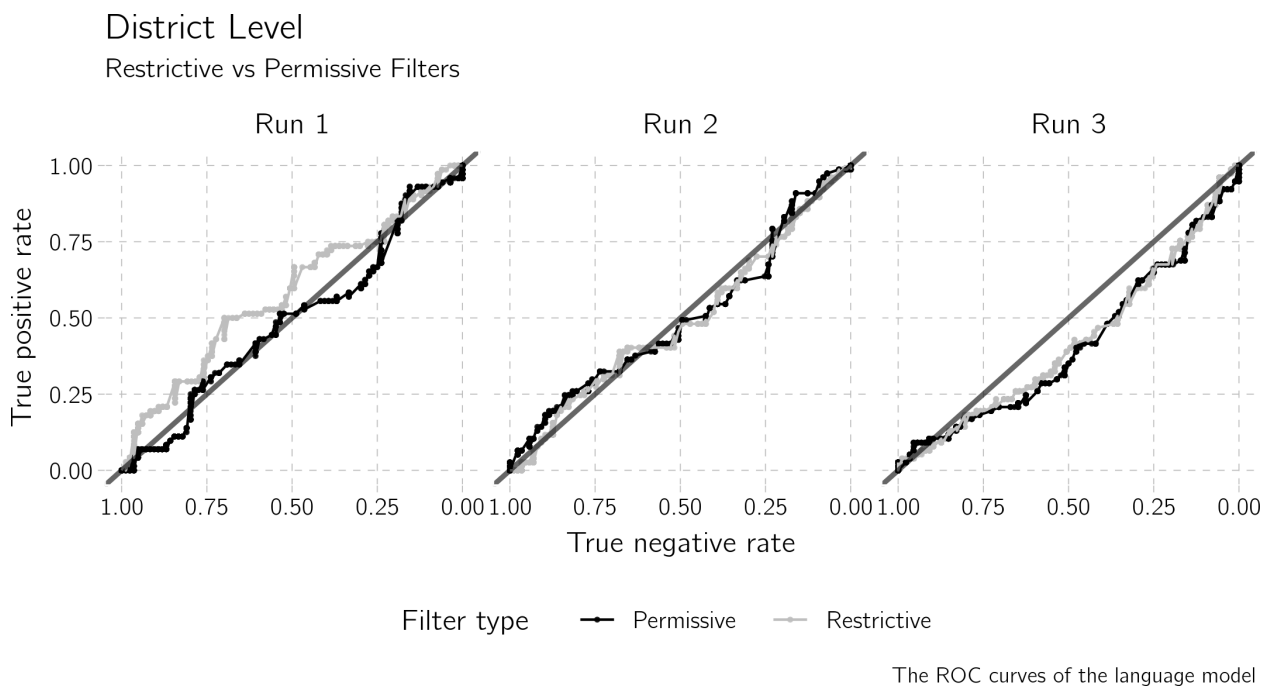
Restrictive vs Permissive Filters



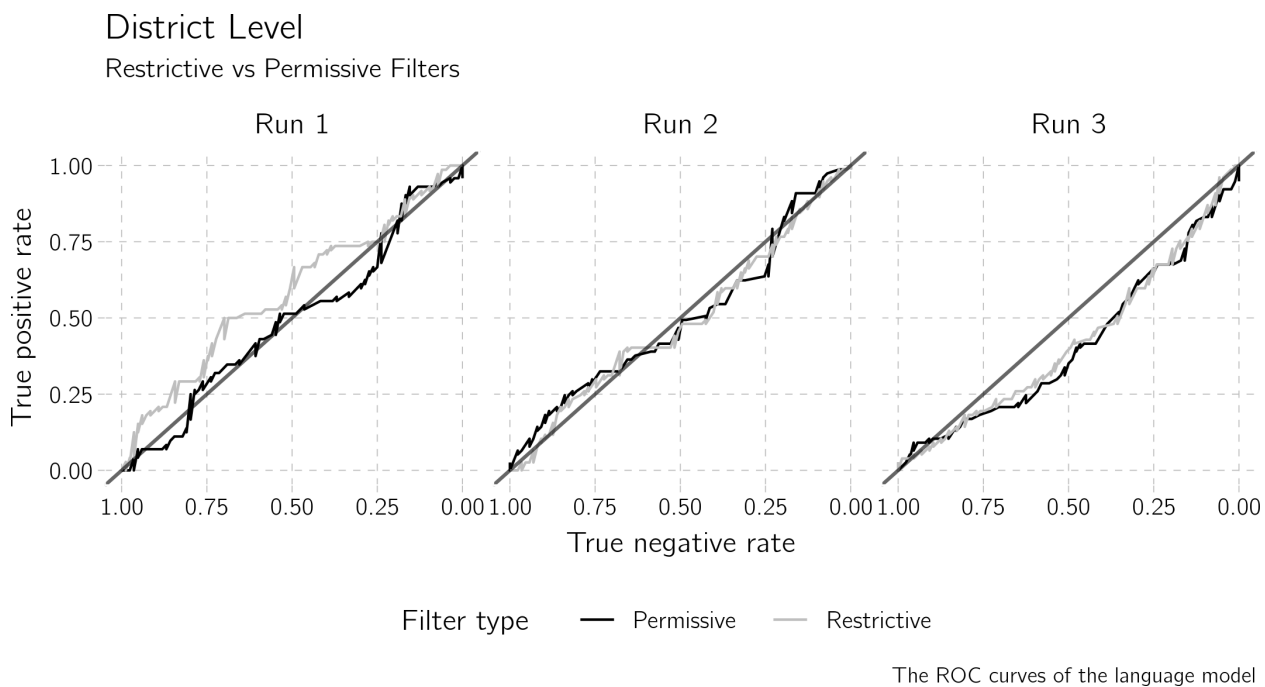
Filter type —●— Permissive —●— Restrictive

The ROC curves of the language model

Dumas 1b (Version 1)

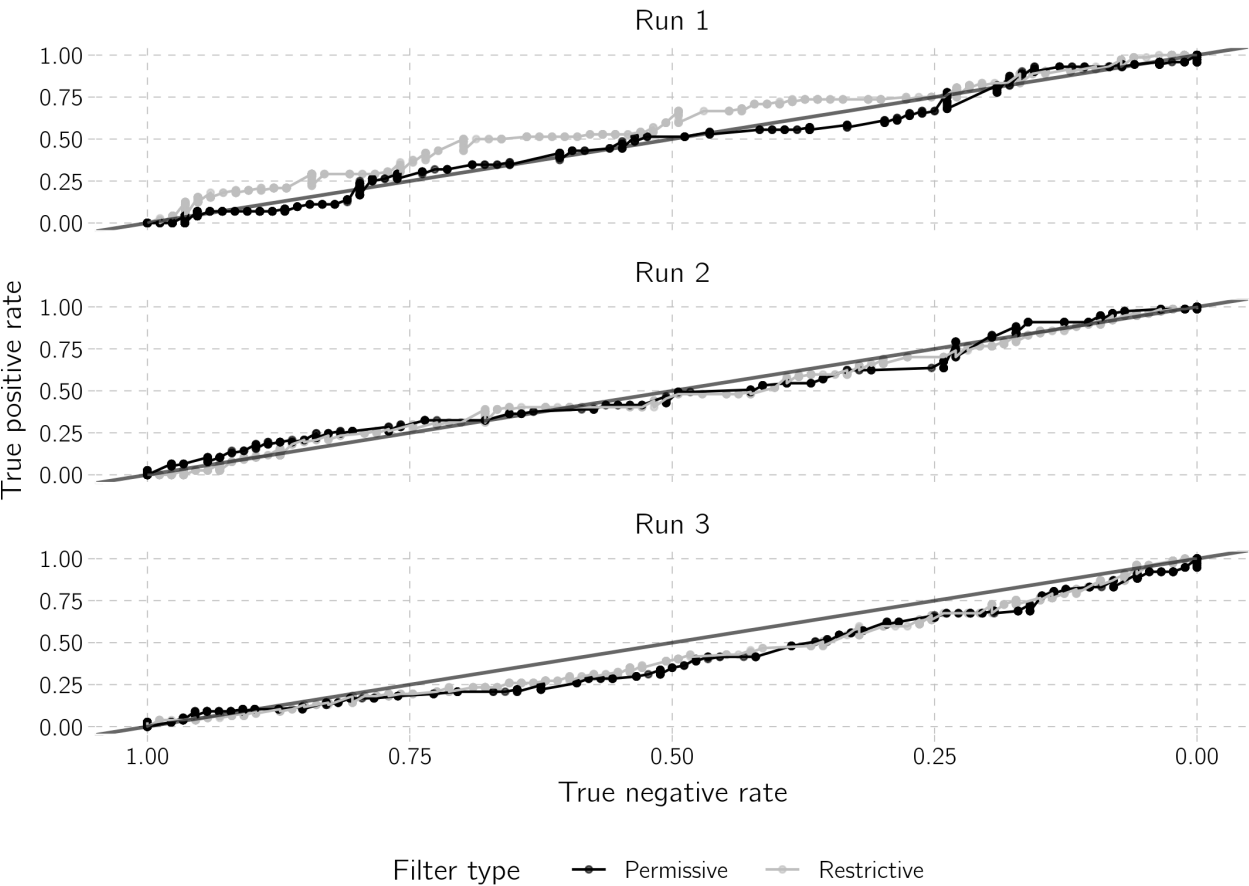


Dumas 1b (Version 2)



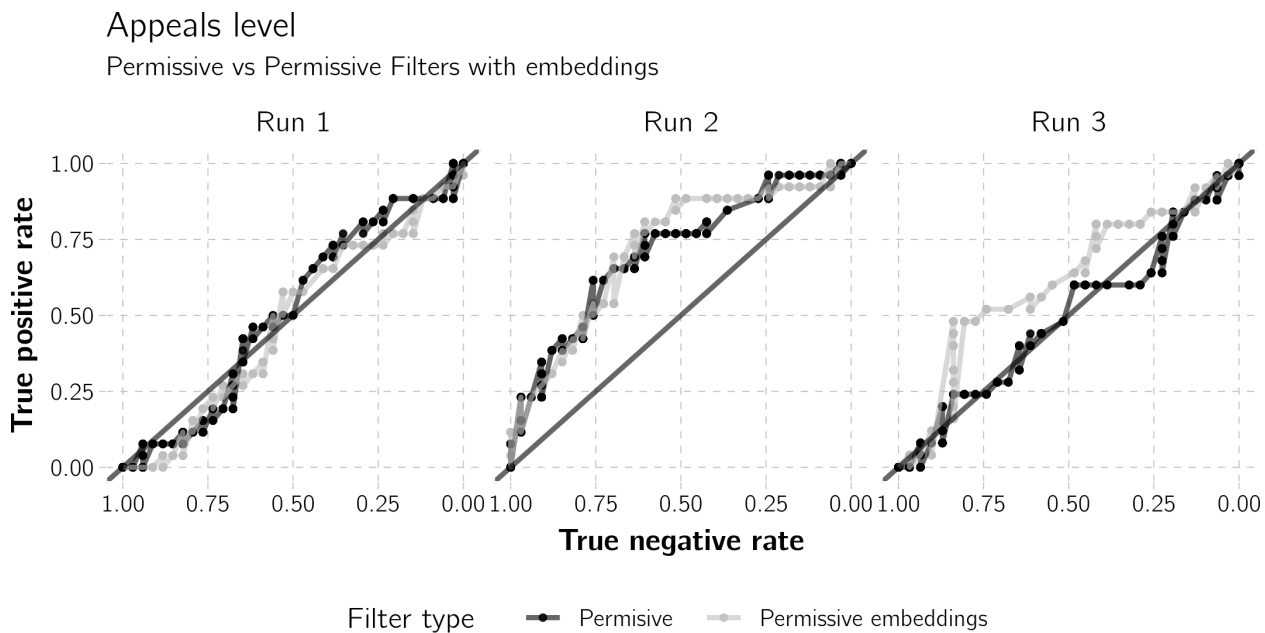
Dumas 1b (Version 3)

District Level
Restrictive vs Permissive Filters



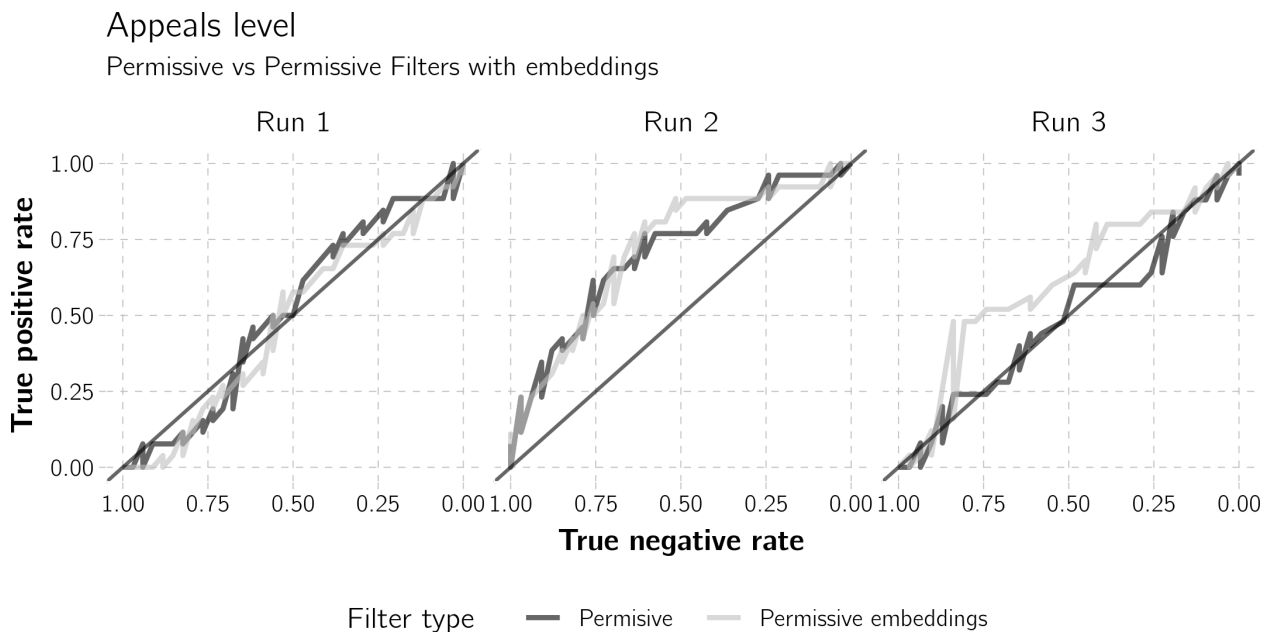
The ROC curves of the language model

Dumas 2a (Verion 1)



The ROC curves of the language model

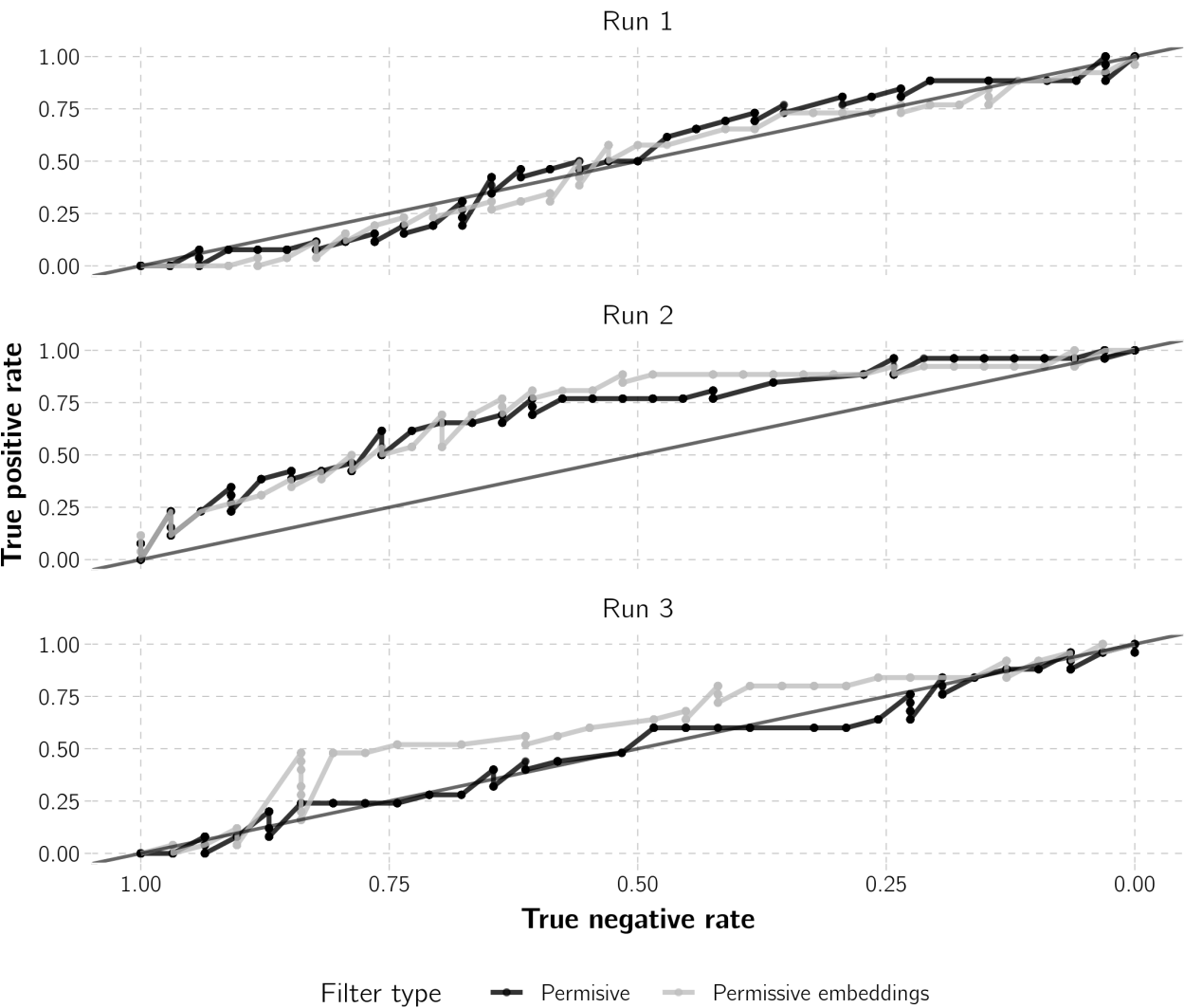
Dumas 2a (Verion 2)



The ROC curves of the language model

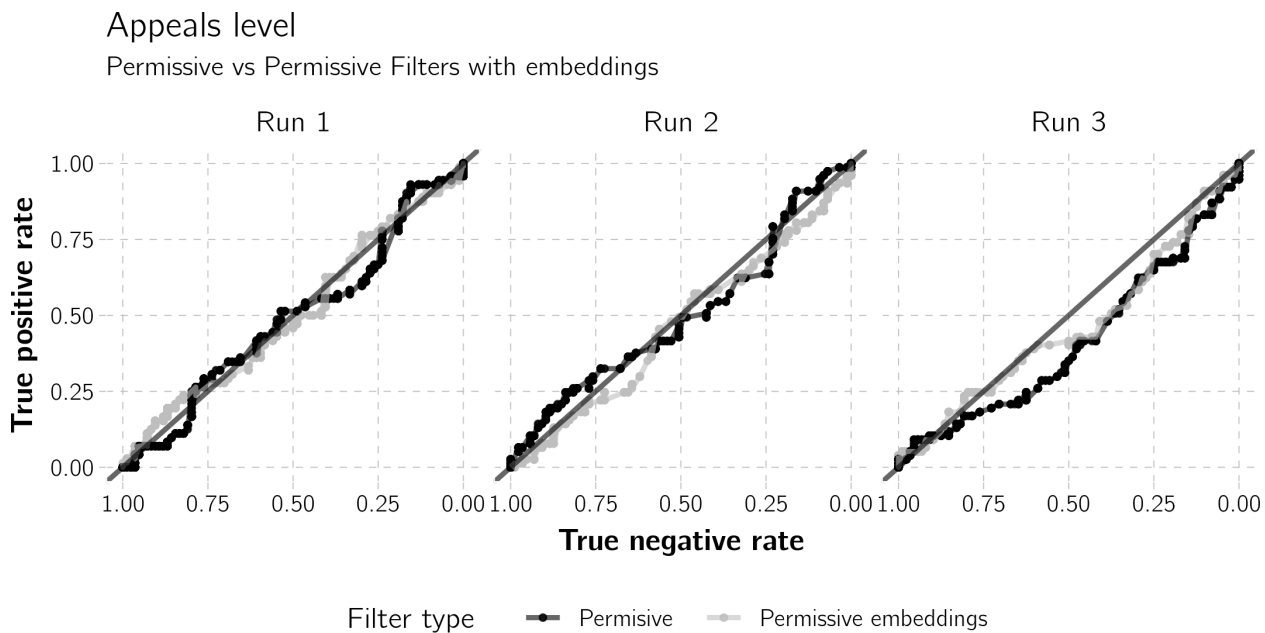
Dumas 2a (Version 3)

District Level
Permissive vs Permissive Filters with embeddings



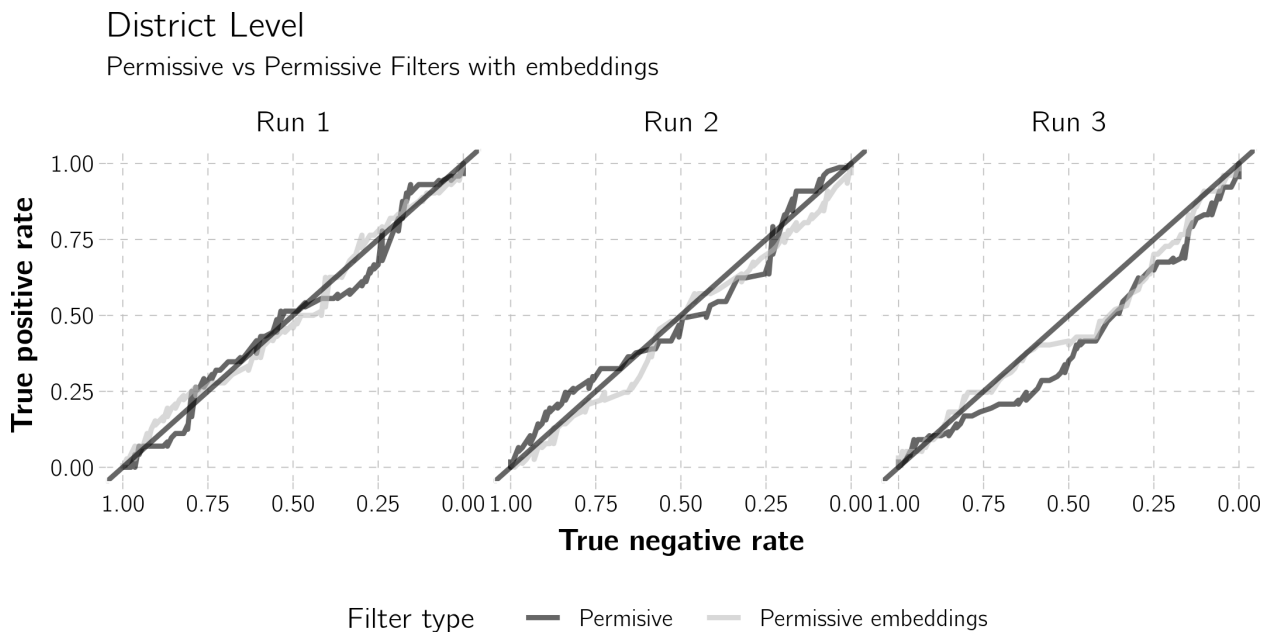
The ROC curves of the language model

Dumas 2b (Version 1)



The ROC curves of the language model

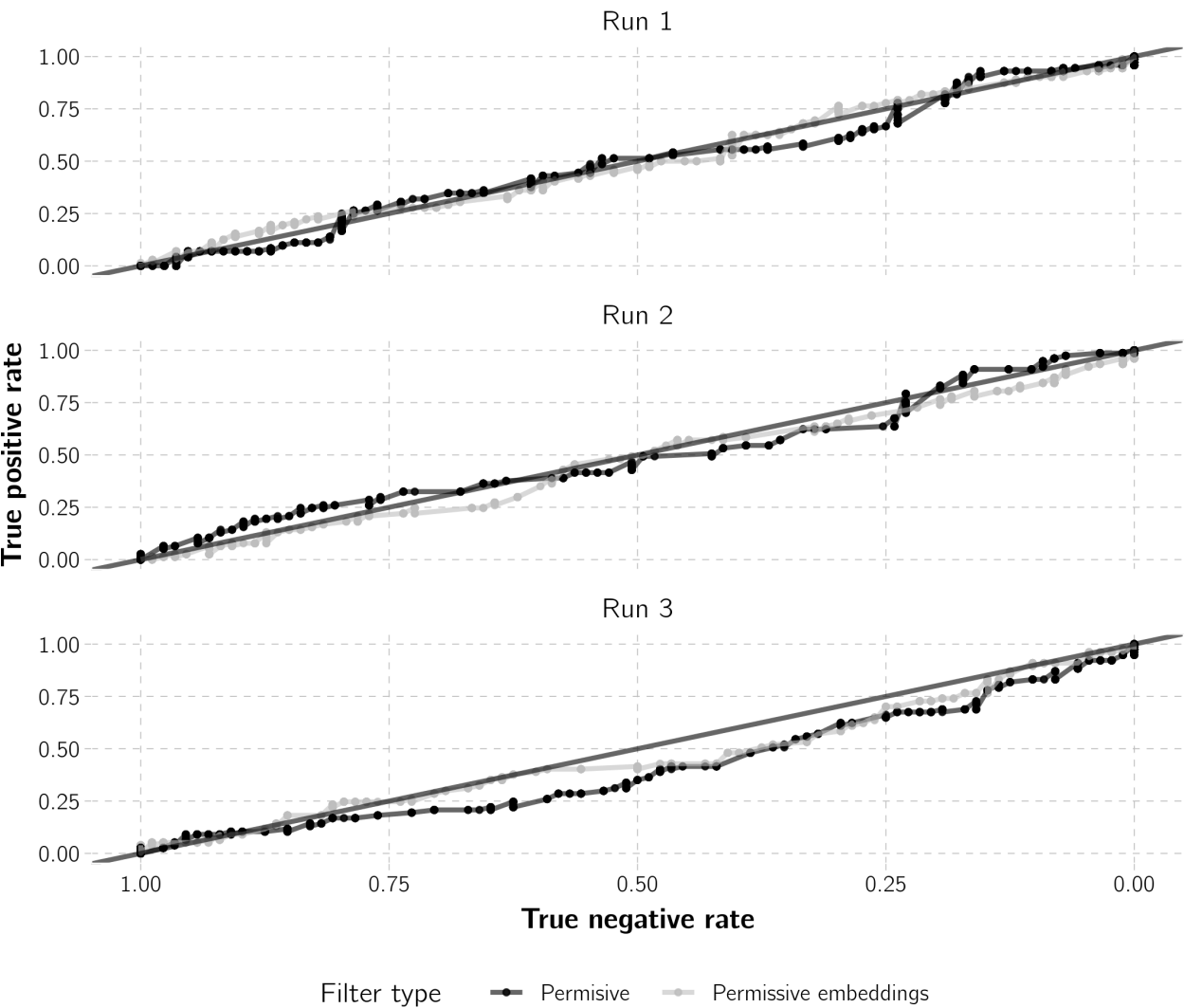
Dumas 2b (Version 2)



The ROC curves of the language model

Dumas 2b (Version 3)

District Level
Permissive vs Permissive Filters with embeddings



The ROC curves of the language model