S1 Fig. - Impact on results of different SVM kernel choices
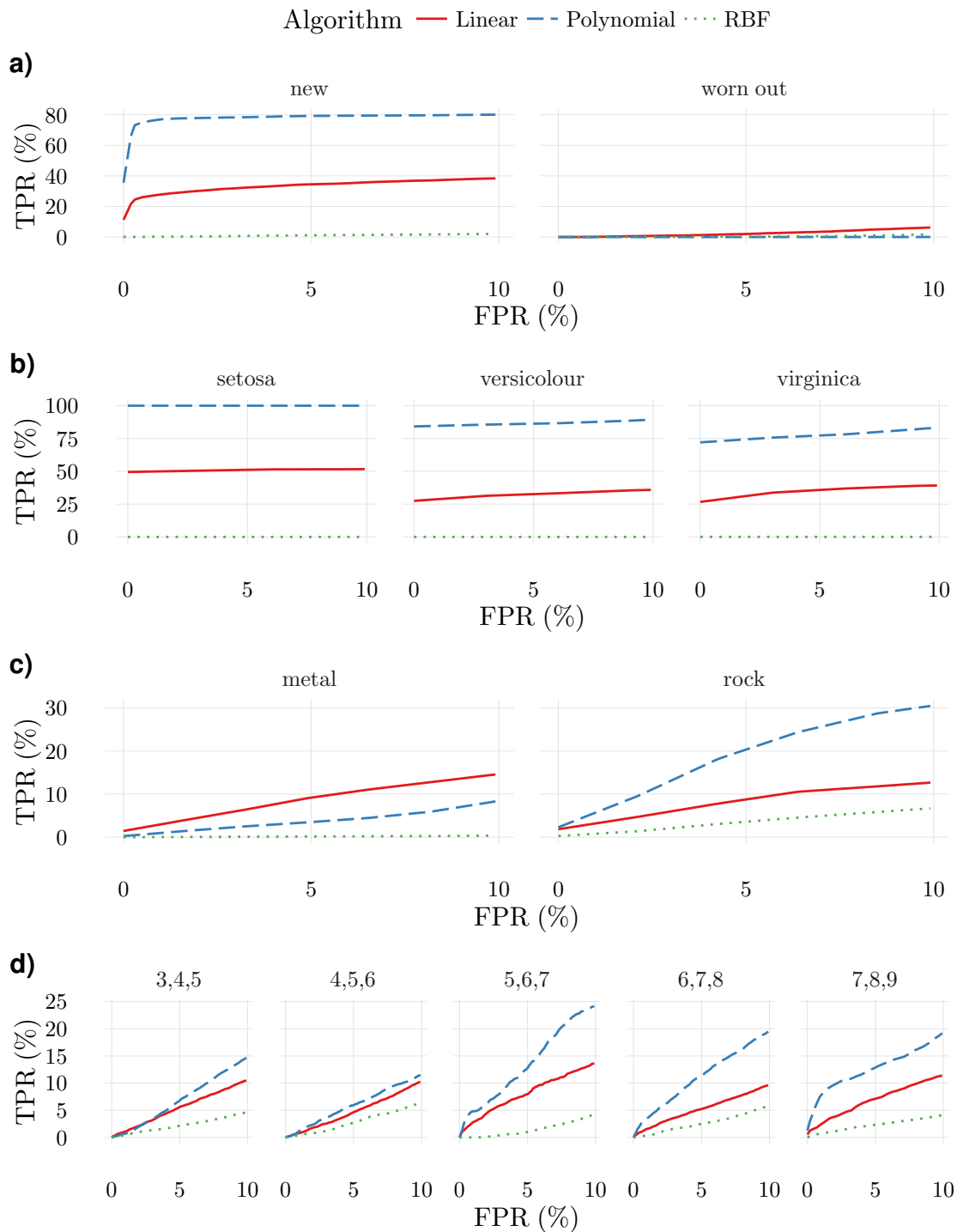

Figure 1: Impact of the kernel choice on the average TPR for the different datasets considered. Overall discrimination is best when the polynomial kernel with degree 2 is used. This was the kernel used in the results reported in this article. In these results, the γ parameter used for the Gaussian kernel was $\gamma = 1/$dataset dimension, while the polynomial and linear kernels took $c = 0$. All the results were obtained training models with $v = 1/N_f$. These are the default parameters considered in [36].