





**Conclusions:**

The results of the feature importance plot, as well as from the balanced accuracy plot, suggest that `DME` and `TRT` may be the two most important features which predict for road pavement quality in Ontario. Factoring in the 'to' (and possibly, from) distances of a road may also result in slightly more accurate predictions of said road's pavement quality.

**Note:** `DME` and `TRT` were both likely strongly associated with our outcome because they are already constructs of our outcome--PCI--as mentioned in the introduction. Thus, our modeling was likely done on data that was already somewhat redundant. Our modeling and results could have been more meaningful--and less redundant--by *not* using features that are already constructs of our outcome.