Is the difference between having a model and being instance-based that a model would have to be universal for all instances? (I asked is the boundary pattern that knn carves out for classification not a model and she said no.)

Tuning parameter for knn is k

Does neural network being a block box model mean that you can’t look at what was done (no bookkeeping)?

Why have more than one feature as a label?

What (if any) significant changes in distribution shape are particular to min/max transform? (she said sometimes clustering near the endpoints) same for z-transform?

What is minkowski metric commonly used for besides relativistic spacetime?

Complexity graph in knn slide pdf applies to all ML algorithms, and features and fitting equation parameters are not the only (complexity defining) parameters

Do people use cross validation and bootstrapping in conjunction? She said people used all sorts of methods as if to say yes

Astronomy guy asked about bootstrapping and I think accounting for overfitting, and she said she would get back to him

Can confusion matrix be done for more than dichotomous? And, if so, do you put the trace of the matrix (all of the true’s) in the numerator? For predication accuracy and error rate?

Do you do the confusion matrix for each of the ten cross validation choices?

Shortcuts for cross validation and bootstrapping in “caret” library

Crosstable is same as confusion matrix

Markdown within notebook?

Is there a convergence rate associated with Bayesian updates?

Is Naïve Bayesian faster than knn because convergence rate is faster and/or the duration is shorter?

Common to assume in dependence of givens (“conditional classes”?). with enough updates error from this corrects enough.

Did she say the Laplace estimator involves Laplace transform?