

## H.W.#3

Daniel Safavisohi

Question #4.

In terms of accuracy ( $TP+TN/TP+TN+FP+FN$ ), it turned out that the second model (i.e. model based on

**PIK3CA\_GRCh37\_3:178952085-178952085\_Missense-Mutation\_SNP\_A-A-T\_A-A-G**) is more accurate.

Question #5.

When compared by "TP-FP", the model based on

**RNF43\_GRCh37\_17:56435161-56435161\_Frame-Shift-Del\_DEL\_C-C--** is the most useful for classifying samples. Maximum value for the quantity "TP-FP" is 11.

Question #6.

When compared by "%TP-%FP", the model based on

**RNF43\_GRCh37\_17:56435161-56435161\_Frame-Shift-Del\_DEL\_C-C--** is the most useful for classifying samples. Maximum value for the quantity "%TP-%FP" is 0.04.