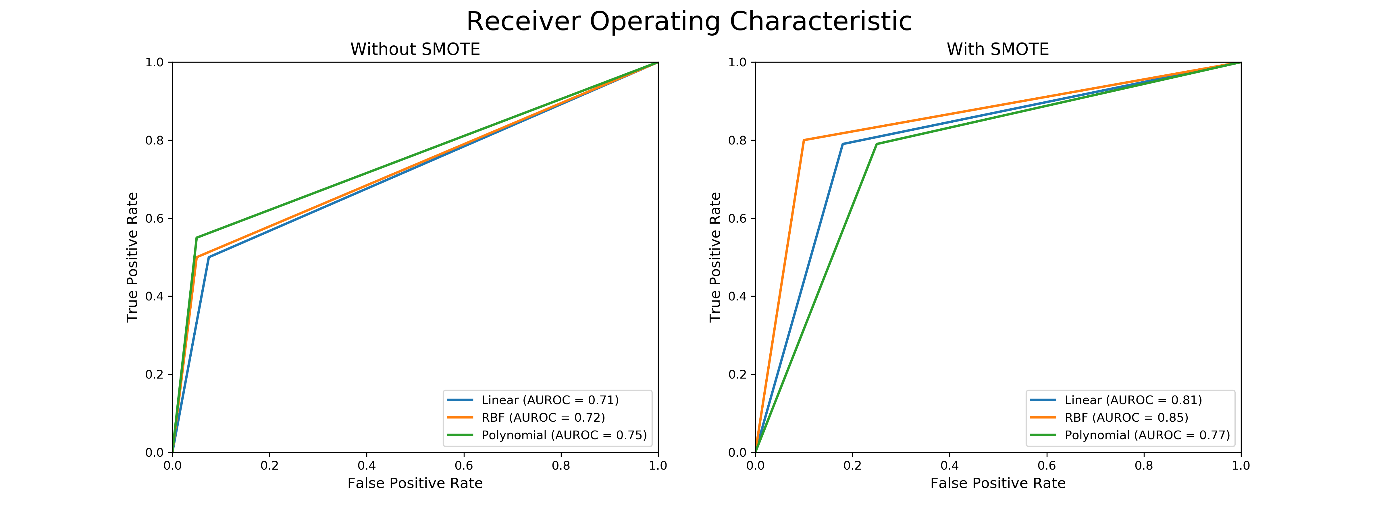
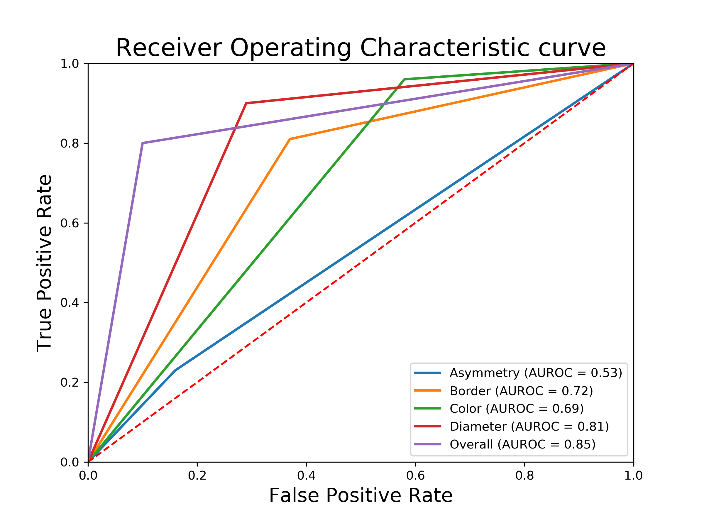
**S1.** The Receiver Operating Characteristic (ROC) curves are plotted for Table 1 and Table 2.

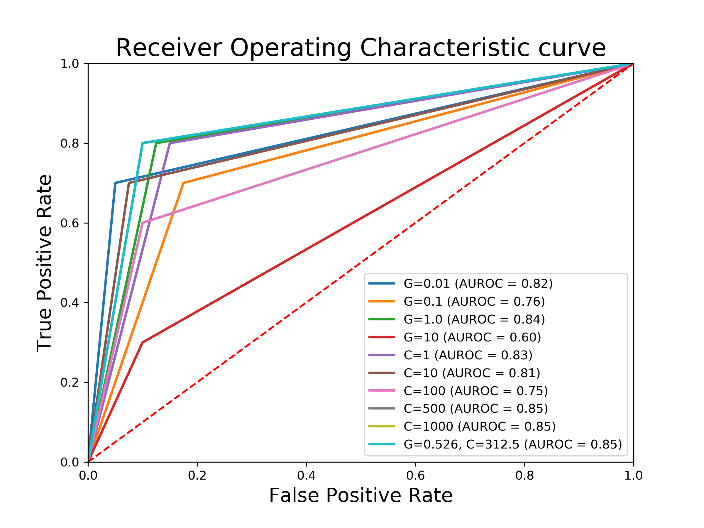
ROC for Table 1:



ROC for Table 2:



ROC for different kernel parameters of radial basis function (RBF) for SVM classifier:



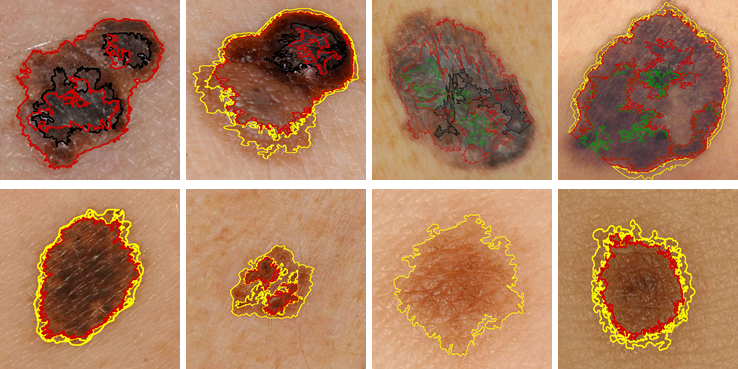


Figure S1: Shows the detected color contours of sample lesion images from MED-NODE dataset. Top row represents the melanoma mole images and the bottom row represent the benign mole images.