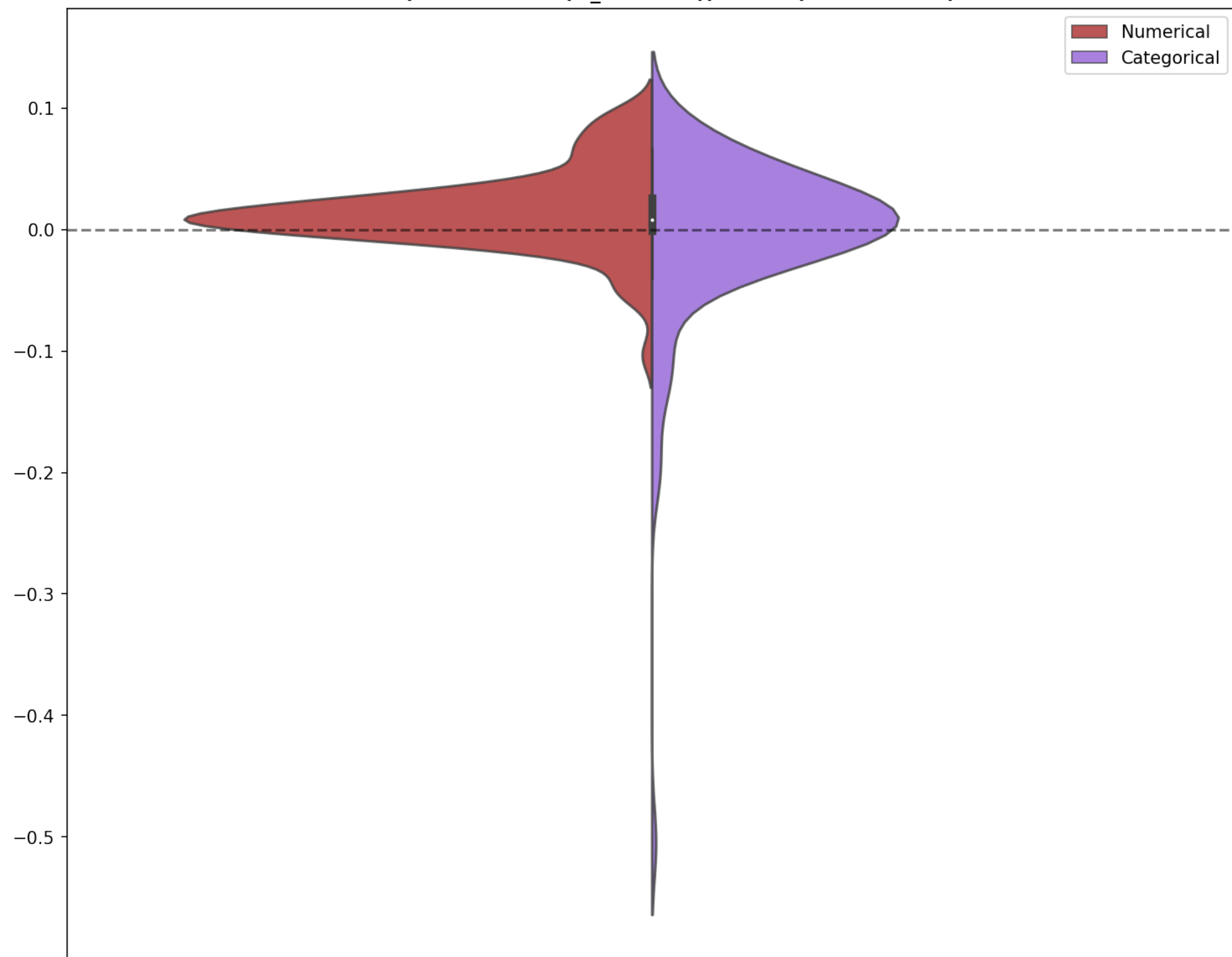


ROC (TabPFN CPU (N_ens= 1)) - ROC (default XGB)

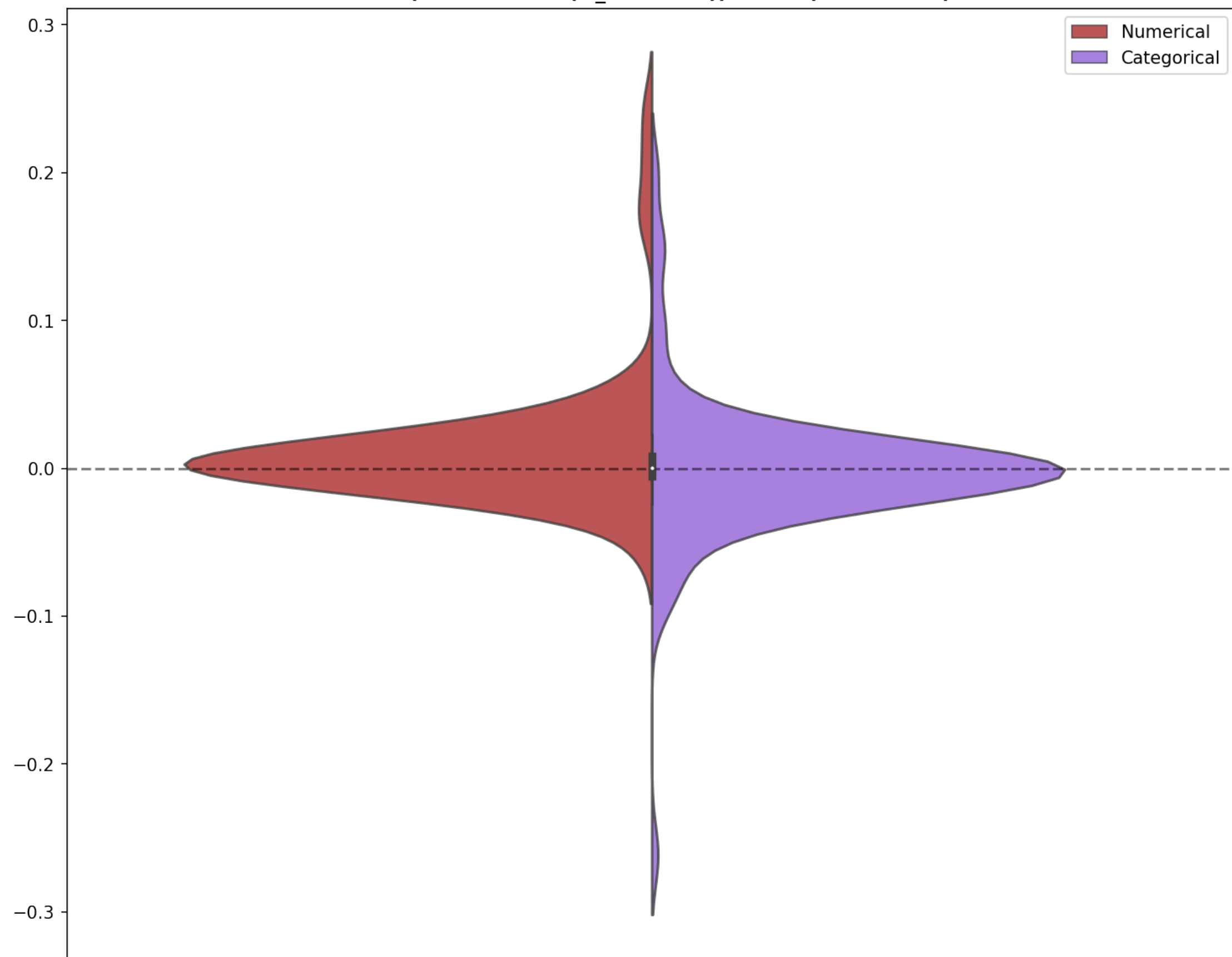


Numerical wins/tie/loss: 69/0/18 p_value: 0.0

Categorical wins/tie/loss: 56/4/32 p_value: 0.0638

87 Numerical Datasets 92 Categorical Datasets

ROC (TabPFN CPU (N_ens = 32)) - ROC (AutoGluon)



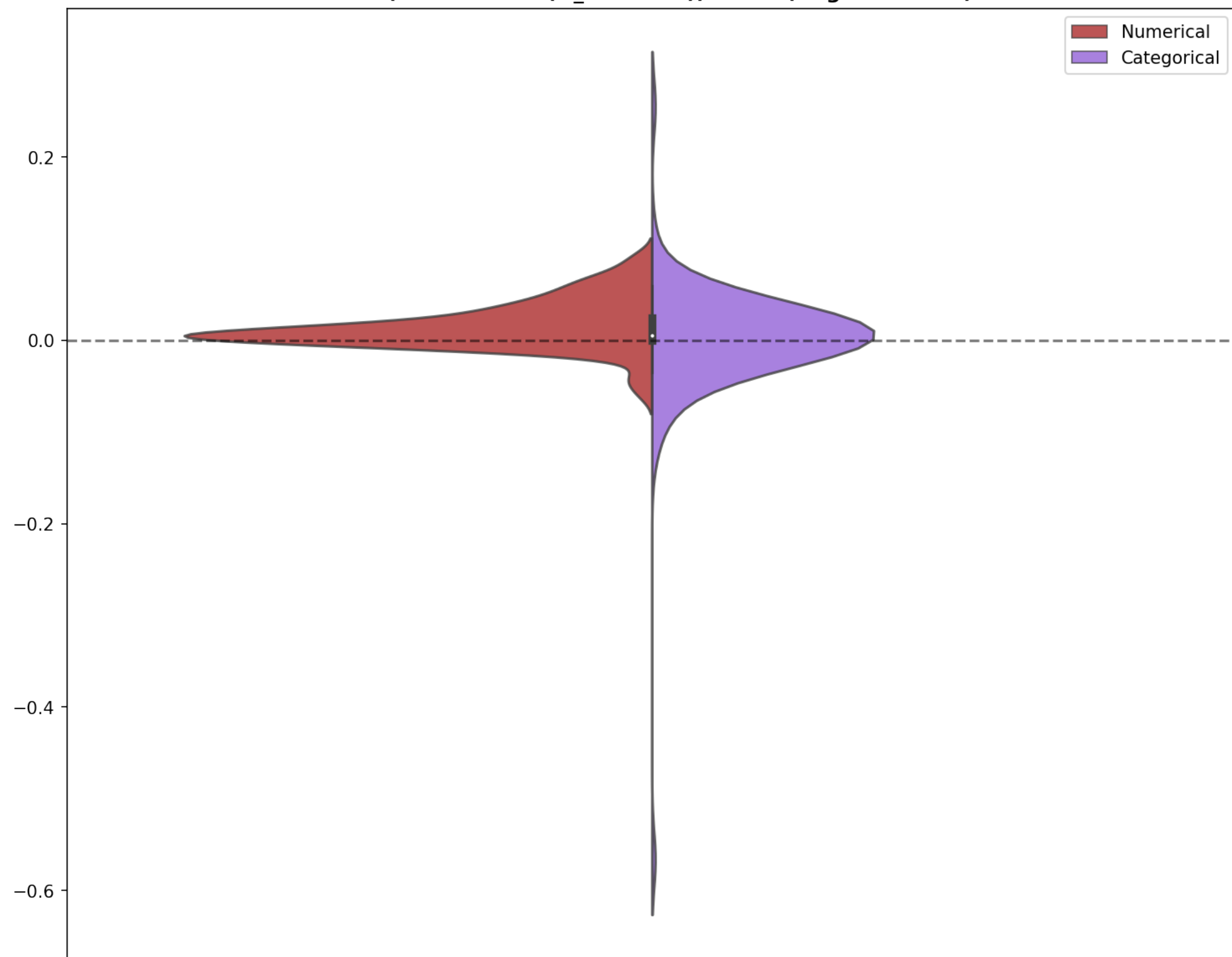
Numerical wins/tie/loss: 52/1/34 p_value: 0.0045

Categorical wins/tie/loss: 41/3/48 p_value: 0.2334

87 Numerical Datasets 92 Categorical Datasets

ROC (TabPFN CPU (N_ens = 32)) - ROC (Reg. Cocktails)

Numerical
Categorical

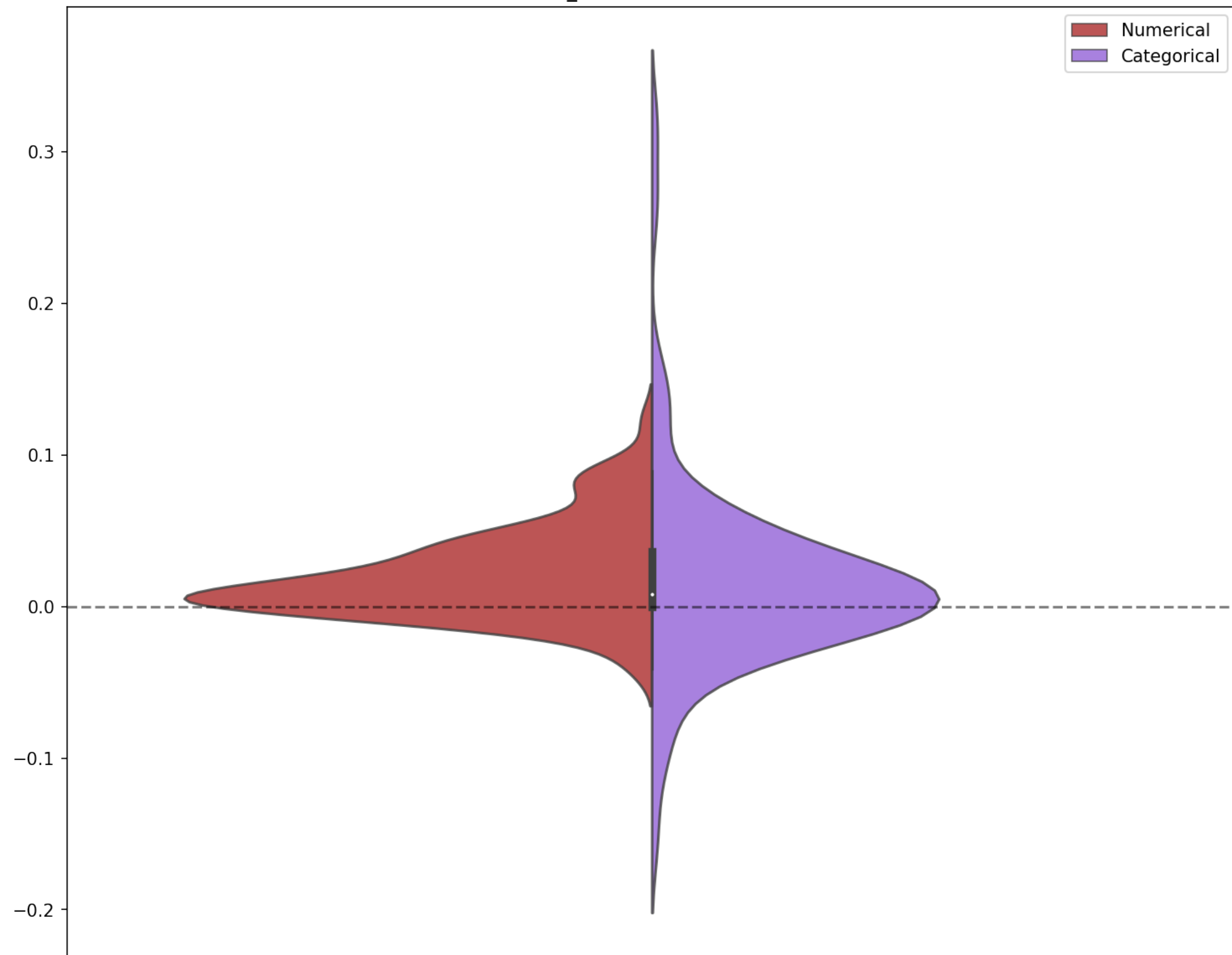


Numerical wins/tie/loss: 72/1/14 p_value: 0.0

Categorical wins/tie/loss: 54/2/33 p_value: 0.0173

87 Numerical Datasets 92 Categorical Datasets

ROC (TabPFN CPU (N_ens = 32)) - ROC (tuned GP (RBF))

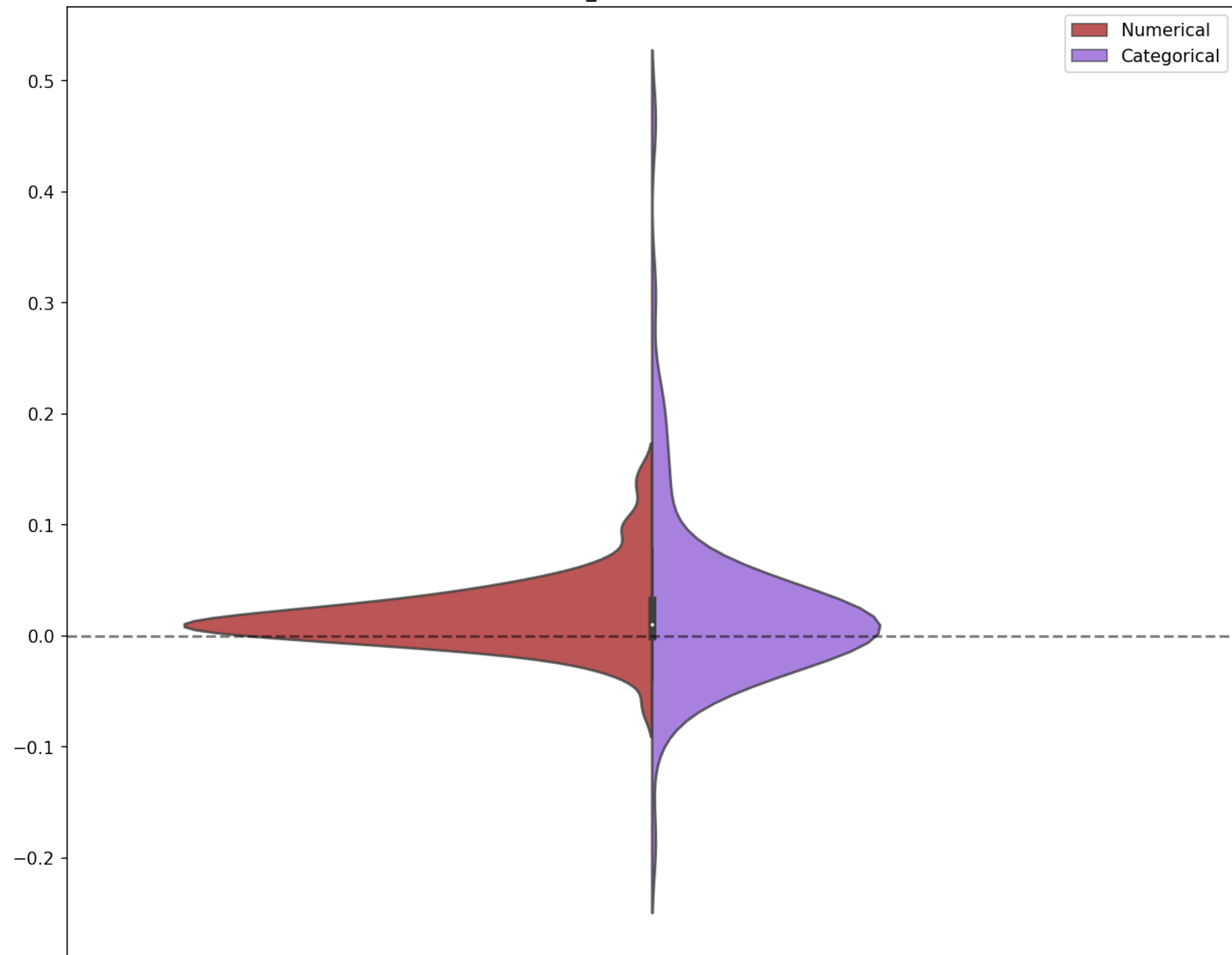


Numerical wins/tie/loss: 70/1/16 p_value: 0.0

Categorical wins/tie/loss: 59/3/30 p_value: 0.0046

87 Numerical Datasets 92 Categorical Datasets

ROC (TabPFN CPU (N_ens = 32)) - ROC (tuned LGBM)



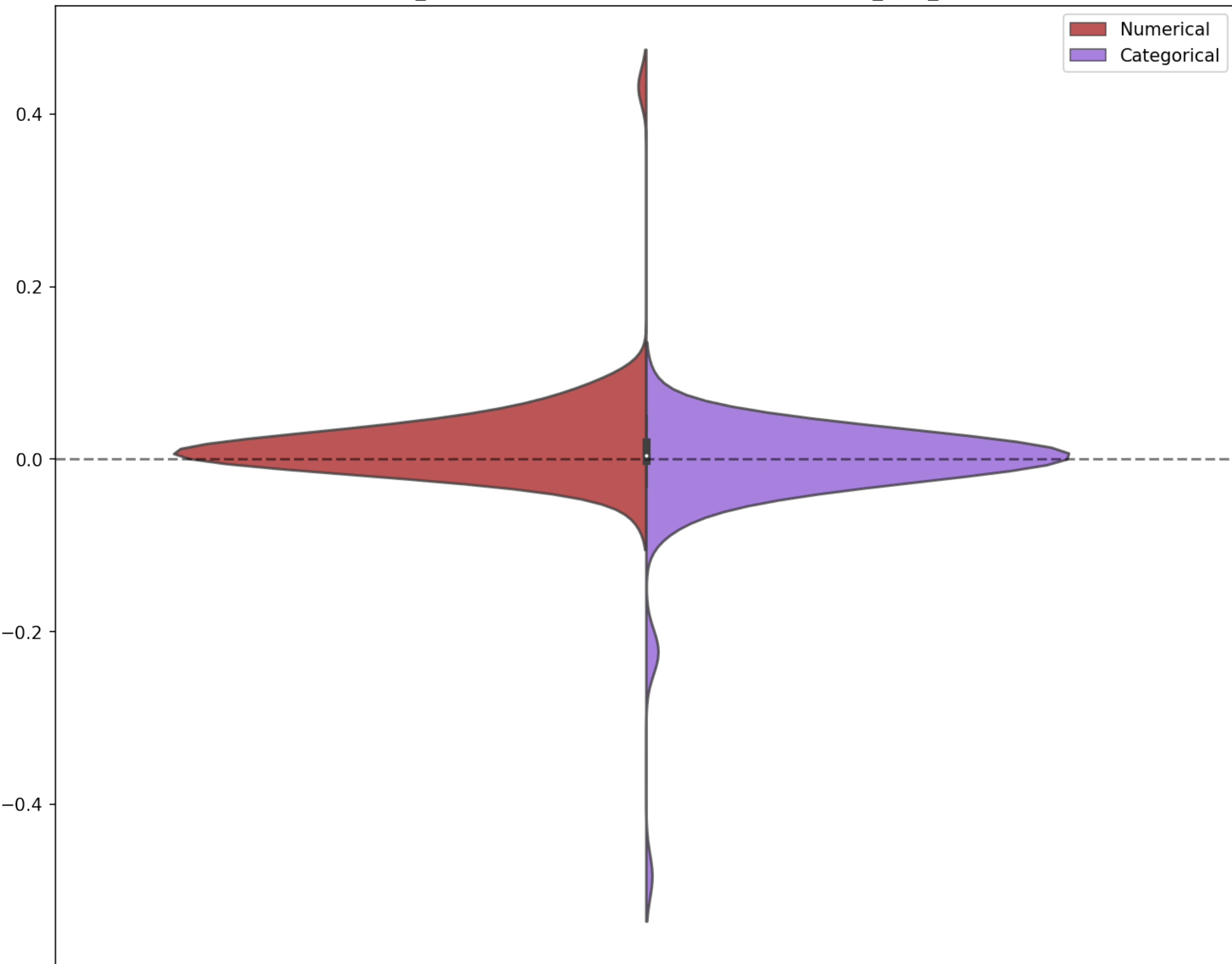
Numerical wins/tie/loss: 76/0/11 p_value: 0.0

Categorical wins/tie/loss: 60/3/29 p_value: 0.0004

87 Numerical Datasets 92 Categorical Datasets

ROC (TabPFN CPU (N_ens = 32)) - ROC (Naive AutoML (max_hpo_iterations=10))

Numerical
Categorical

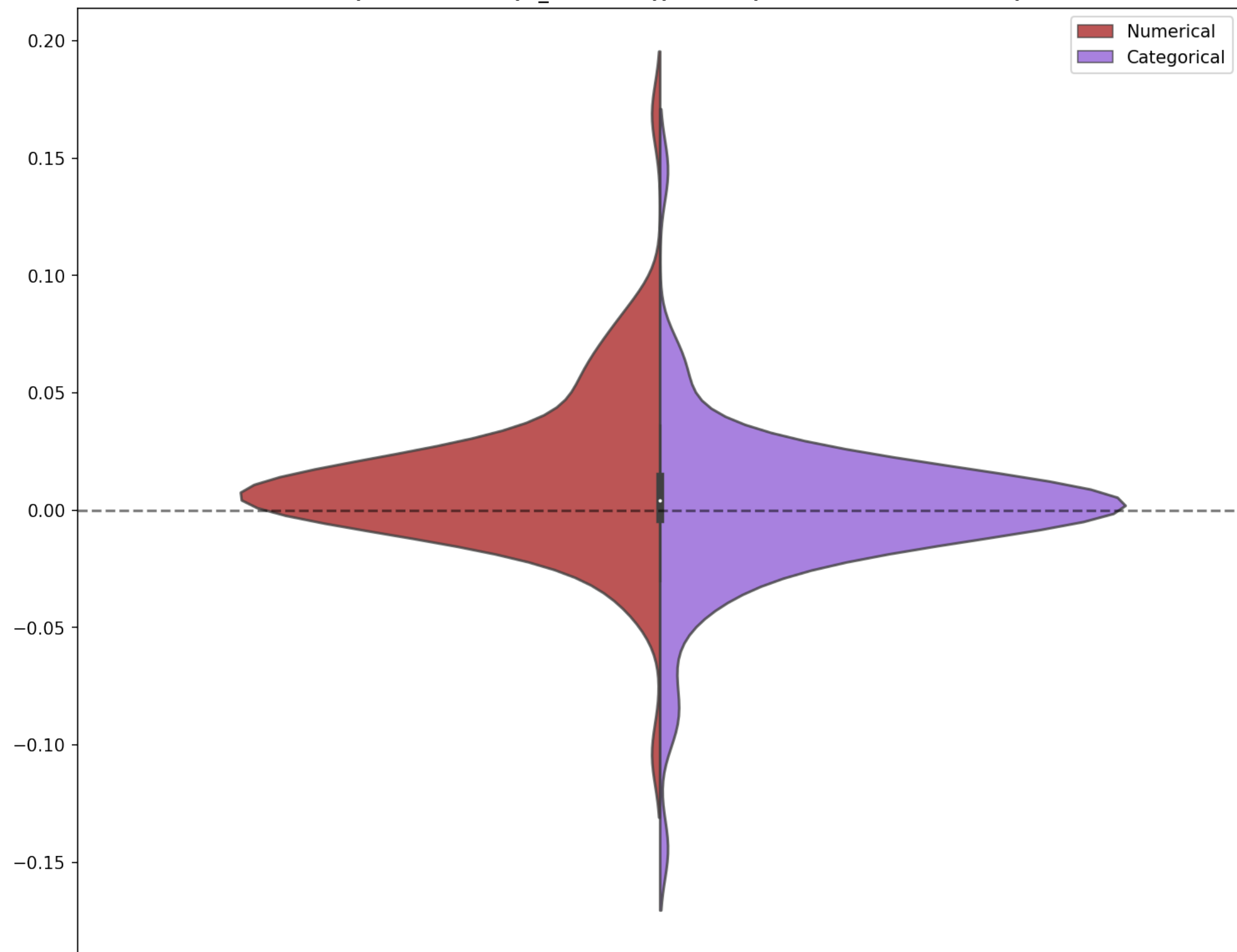


Numerical wins/tie/loss: 69/1/16 p_value: 0.0

Categorical wins/tie/loss: 53/2/37 p_value: 0.3293

87 Numerical Datasets 92 Categorical Datasets

ROC (TabPFN CPU (N_ens = 32)) - ROC (tuned Random Forest)

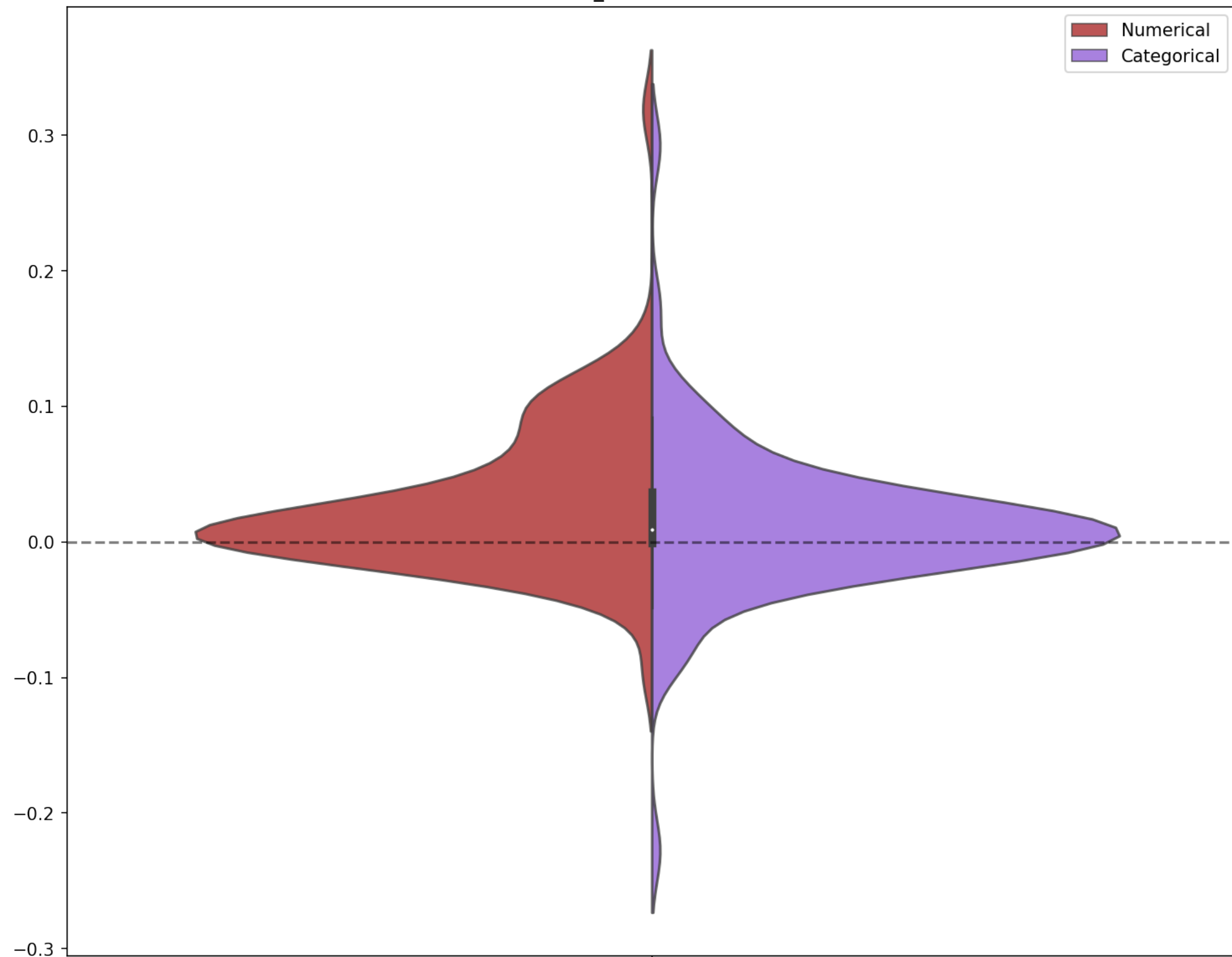


Numerical wins/tie/loss: 69/0/18 p_value: 0.0

Categorical wins/tie/loss: 52/1/39 p_value: 0.347

87 Numerical Datasets 92 Categorical Datasets

ROC (TabPFN CPU (N_ens = 32)) - ROC (tuned SVM)

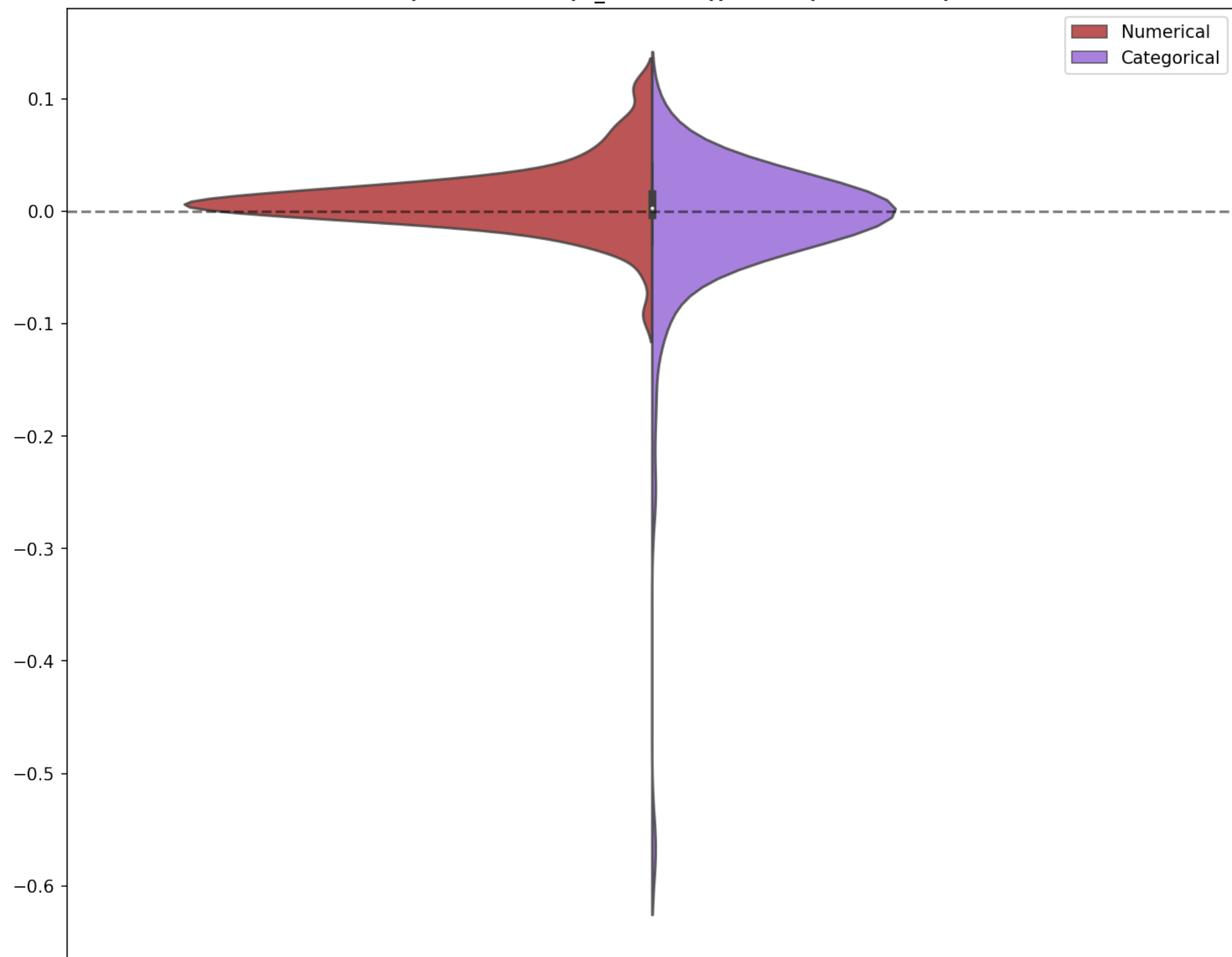


Numerical wins/tie/loss: 65/2/20 p_value: 0.0

Categorical wins/tie/loss: 58/3/31 p_value: 0.0017

87 Numerical Datasets 92 Categorical Datasets

ROC (TabPFN CPU (N_ens = 32)) - ROC (tuned XGB)

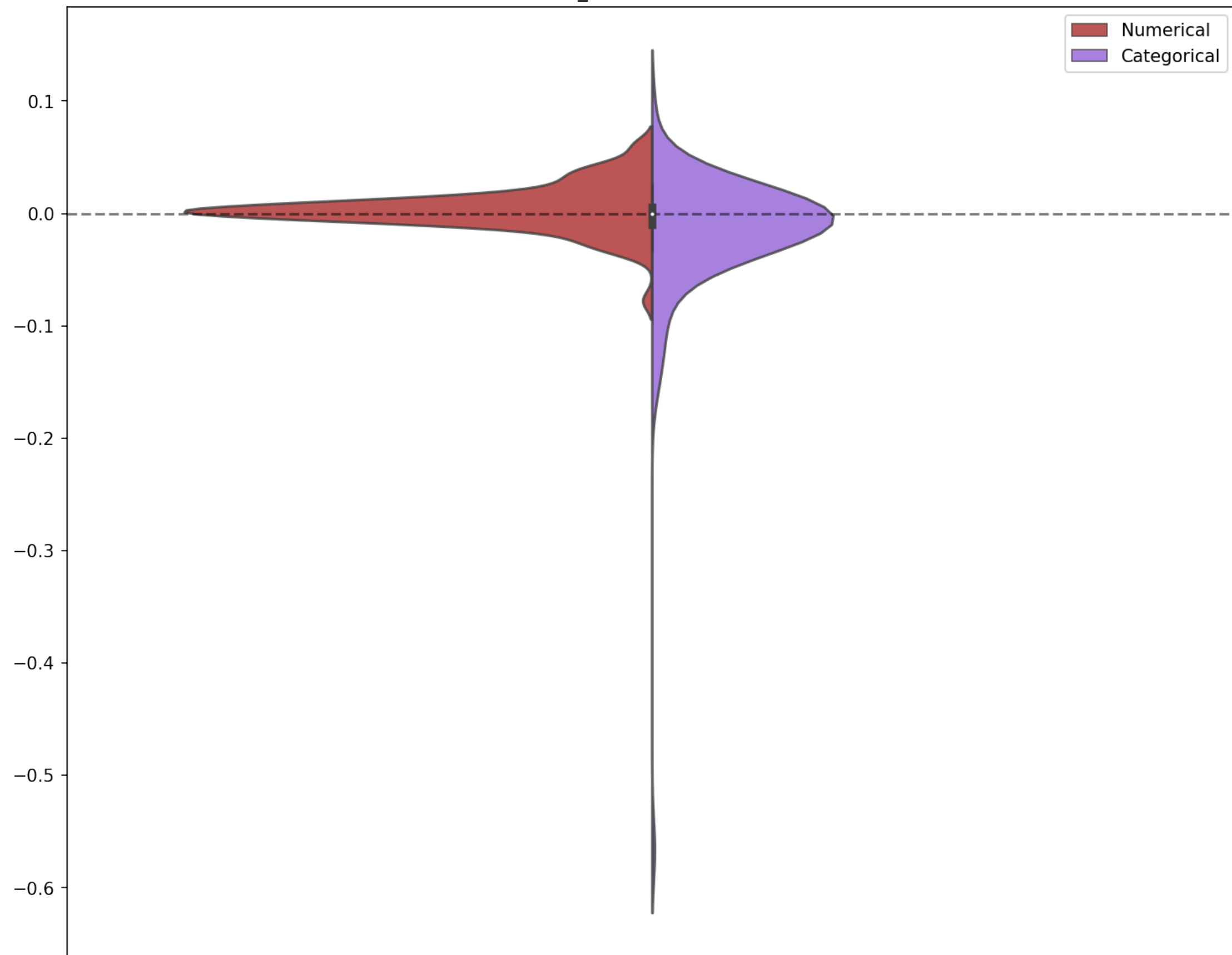


Numerical wins/tie/loss: 68/0/19 p_value: 0.0

Categorical wins/tie/loss: 46/4/42 p_value: 0.6515

87 Numerical Datasets 92 Categorical Datasets

ROC (TabPFN CPU (N_ens = 32)) - ROC (AutoSklearn2)

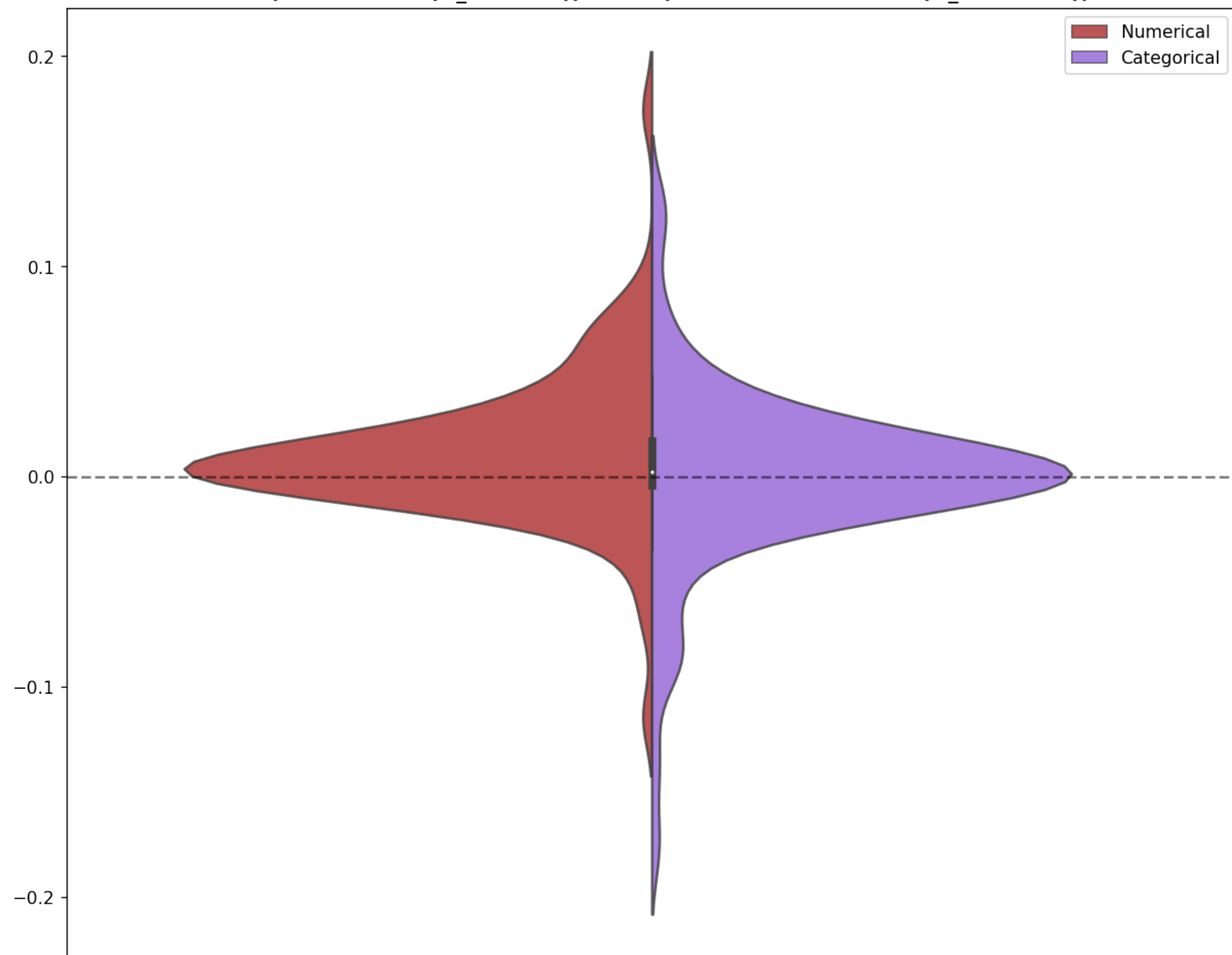


Numerical wins/tie/loss: 56/1/30 p_value: 0.0072

Categorical wins/tie/loss: 27/3/59 p_value: 0.0001

87 Numerical Datasets 92 Categorical Datasets

ROC (TabPFN CPU (N_ens = 1)) - ROC (default Rand. Forest (N_est = 100))



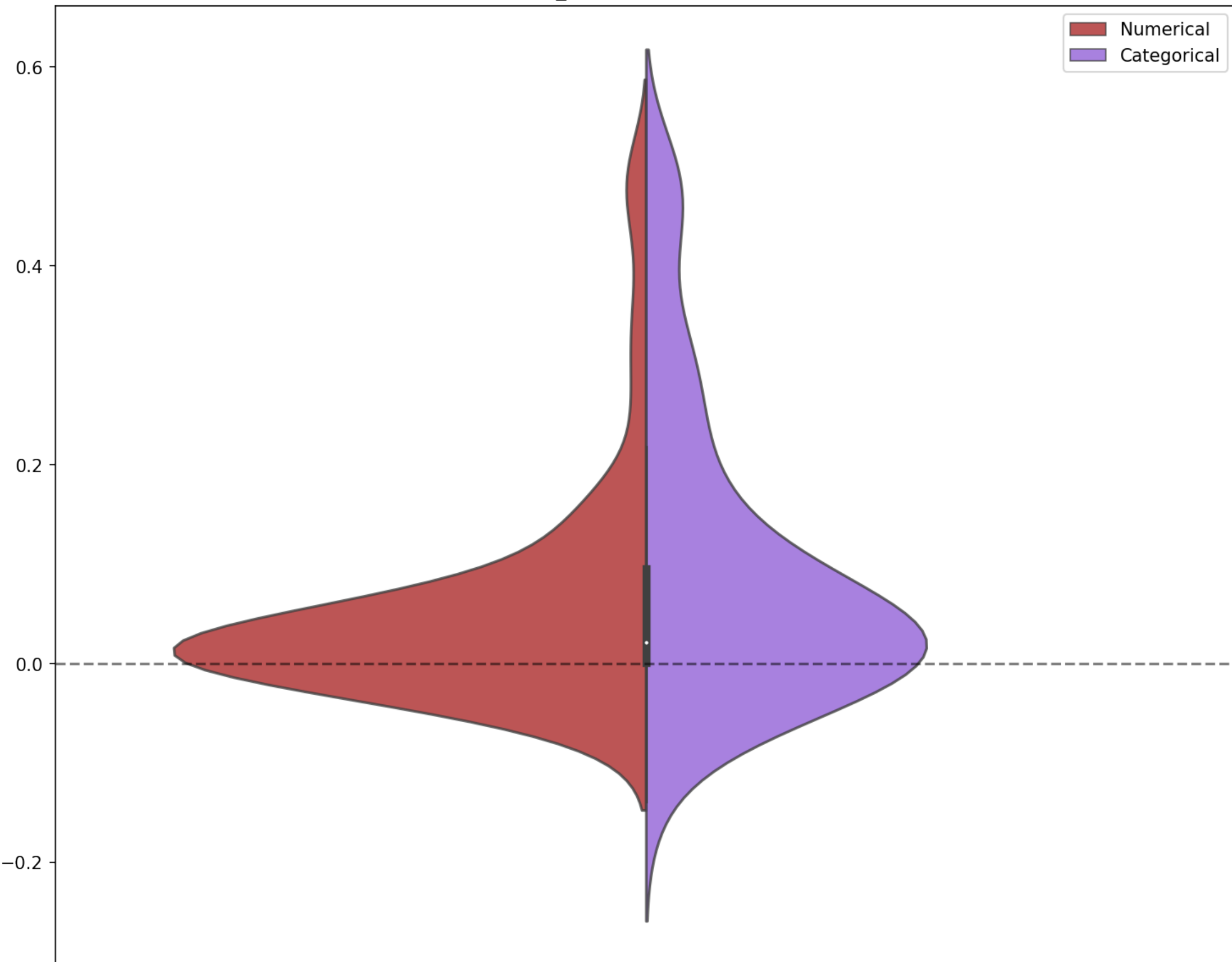
Numerical wins/tie/loss: 58/0/29 p_value: 0.0002

Categorical wins/tie/loss: 53/1/38 p_value: 0.3778

87 Numerical Datasets 92 Categorical Datasets

ROC (TabPFN CPU (N_ens = 1)) - ROC (default GP (RBF))

Numerical
Categorical

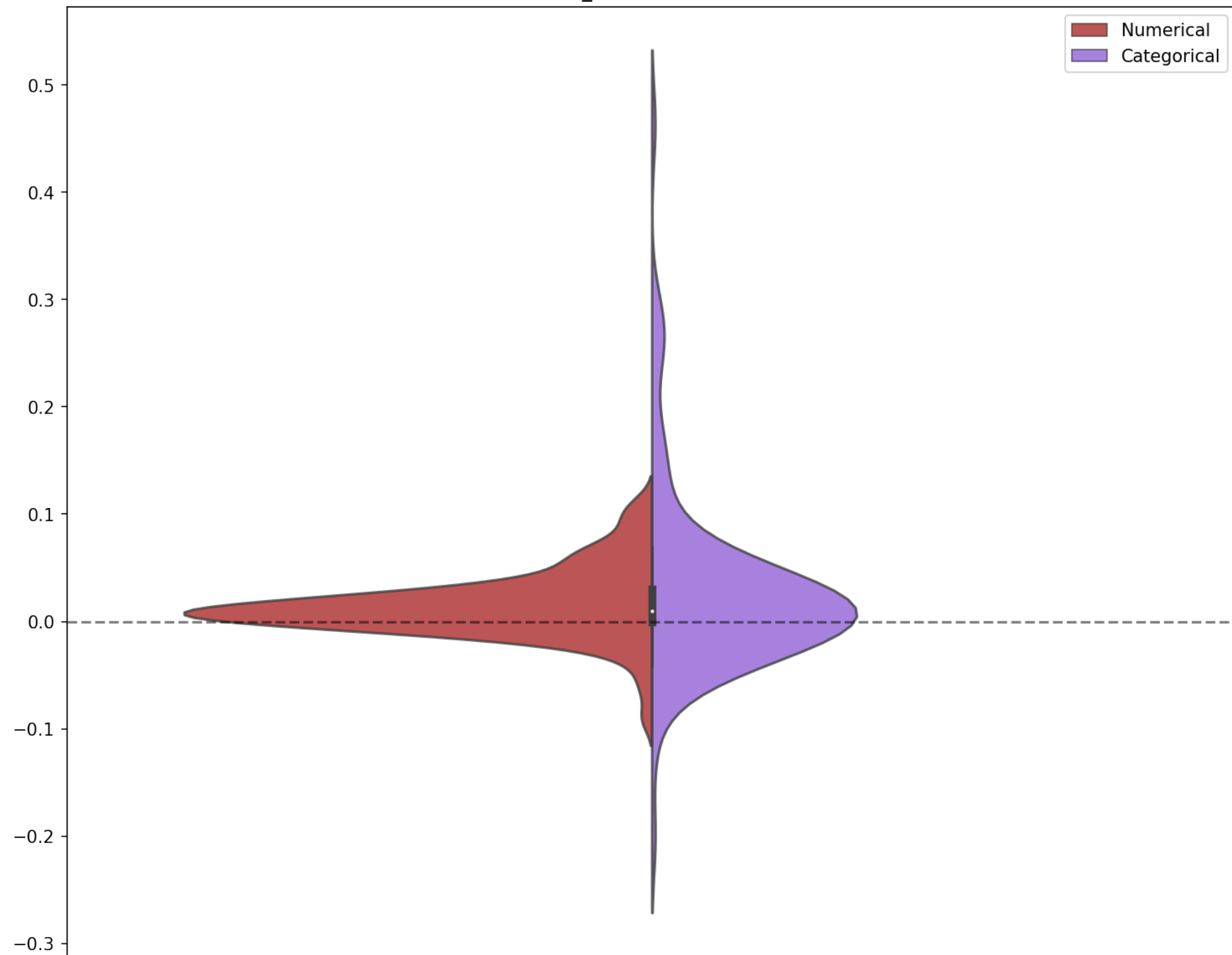


Numerical wins/tie/loss: 69/1/17 p_value: 0.0

Categorical wins/tie/loss: 72/0/20 p_value: 0.0

87 Numerical Datasets 92 Categorical Datasets

ROC (TabPFN CPU (N_ens= 1)) - ROC (default LGBM)

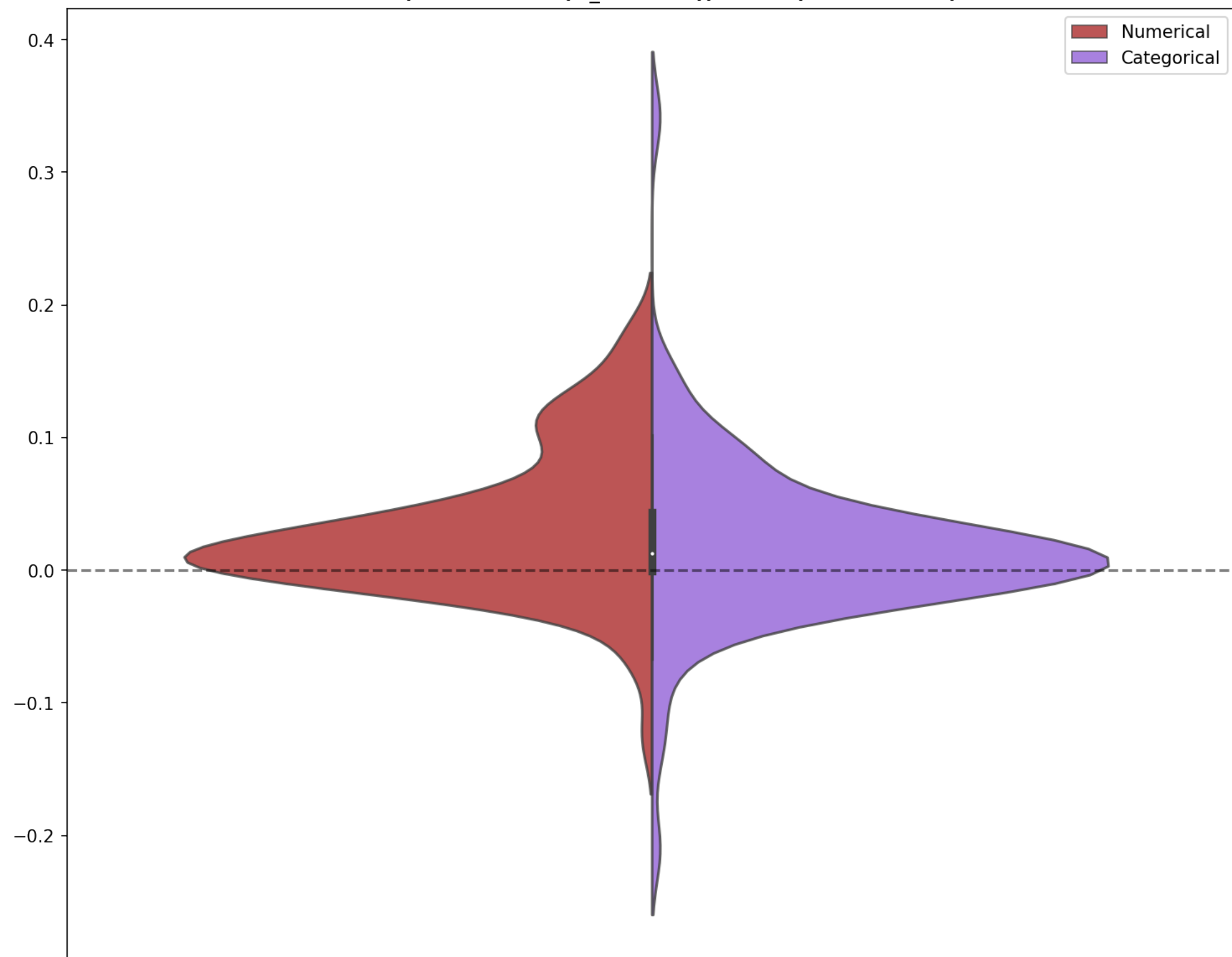


Numerical wins/tie/loss: 70/0/17 p_value: 0.0

Categorical wins/tie/loss: 62/3/27 p_value: 0.0007

87 Numerical Datasets 92 Categorical Datasets

ROC (TabPFN CPU (N_ens = 1)) - ROC (default SVM)



Numerical wins/tie/loss: 66/1/20 p_value: 0.0

Categorical wins/tie/loss: 57/3/32 p_value: 0.0007

87 Numerical Datasets 92 Categorical Datasets