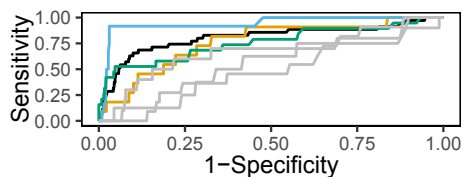
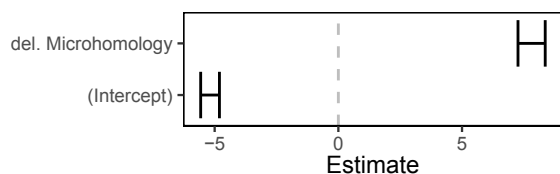


Figure 4

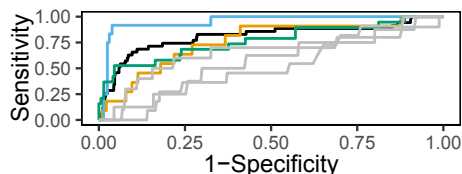
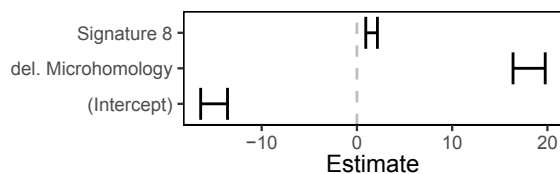
a

BRCA2, Breast cancer: WT: 786, LOF: 35



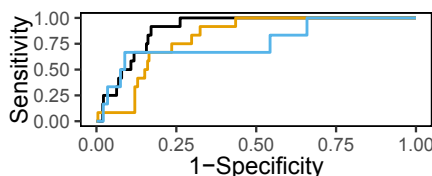
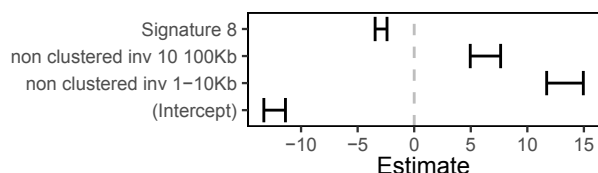
— Breast, AUC=0.81
— Ovary, AUC=0.76
— Pancreas, AUC=0.94
— Prostate, AUC=0.76

BRCA2, Pancreas cancer: WT: 363, LOF: 12



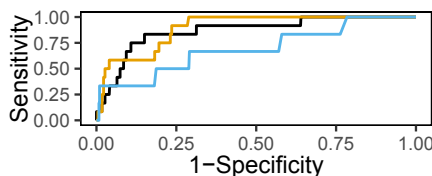
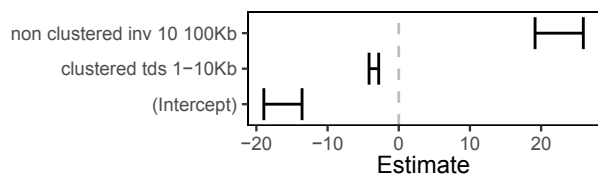
— Breast, AUC=0.81
— Ovary, AUC=0.76
— Pancreas, AUC=0.95
— Prostate, AUC=0.77

BRCA1, Breast cancer: WT: 825, LOF: 12



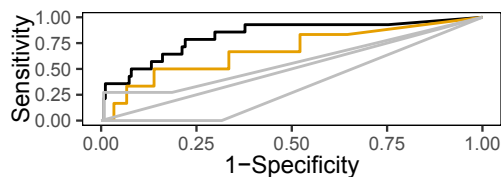
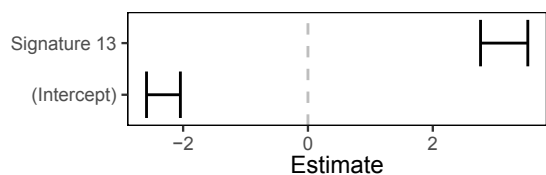
— Breast, AUC=0.9
— Ovary, AUC=0.81
— Prostate, AUC=0.76

BRCA1, Ovary cancer: WT: 225, LOF: 12



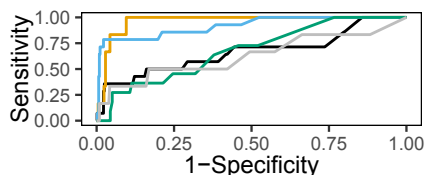
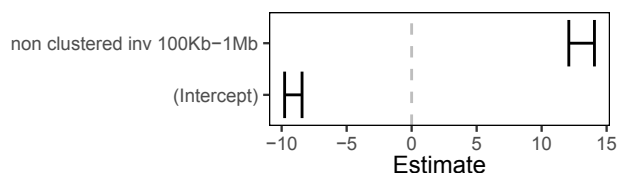
— Breast, AUC=0.87
— Ovary, AUC=0.89
— Prostate, AUC=0.69

CDK12, Breast cancer: WT: 721, LOF: 14



— Breast, AUC=0.82
— Ovary, AUC=0.68

CDK12, Prostate cancer: WT: 450, LOF: 14



— Breast, AUC=0.67
— Ovary, AUC=0.96
— Prostate, AUC=0.92
— Skin, AUC=0.68