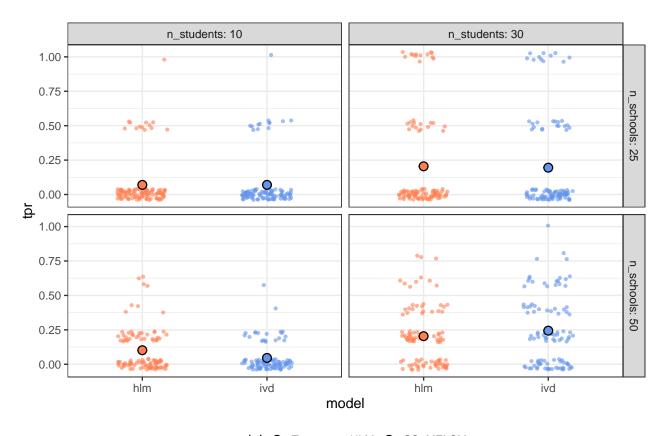
SS-MELSM vs Two-stage HLM

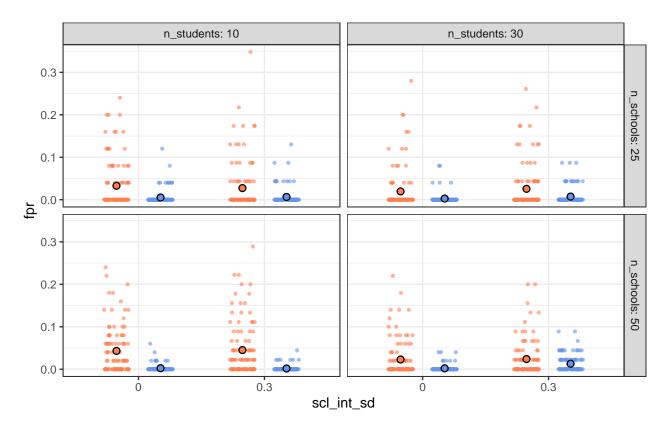
Small and unbalanced samples

Marwin Carmo

True Positive Rate

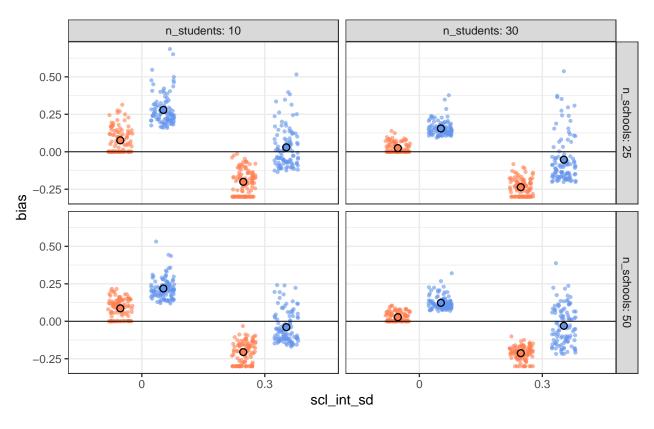


False Positive Rate



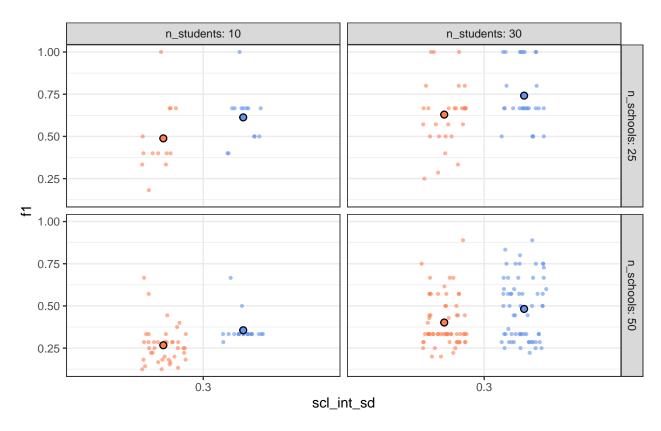
model • Two-stage HLM • SS-MELSM

Bias



model • Two-stage HLM • SS-MELSM

F1-score



model • Two-stage HLM • SS-MELSM