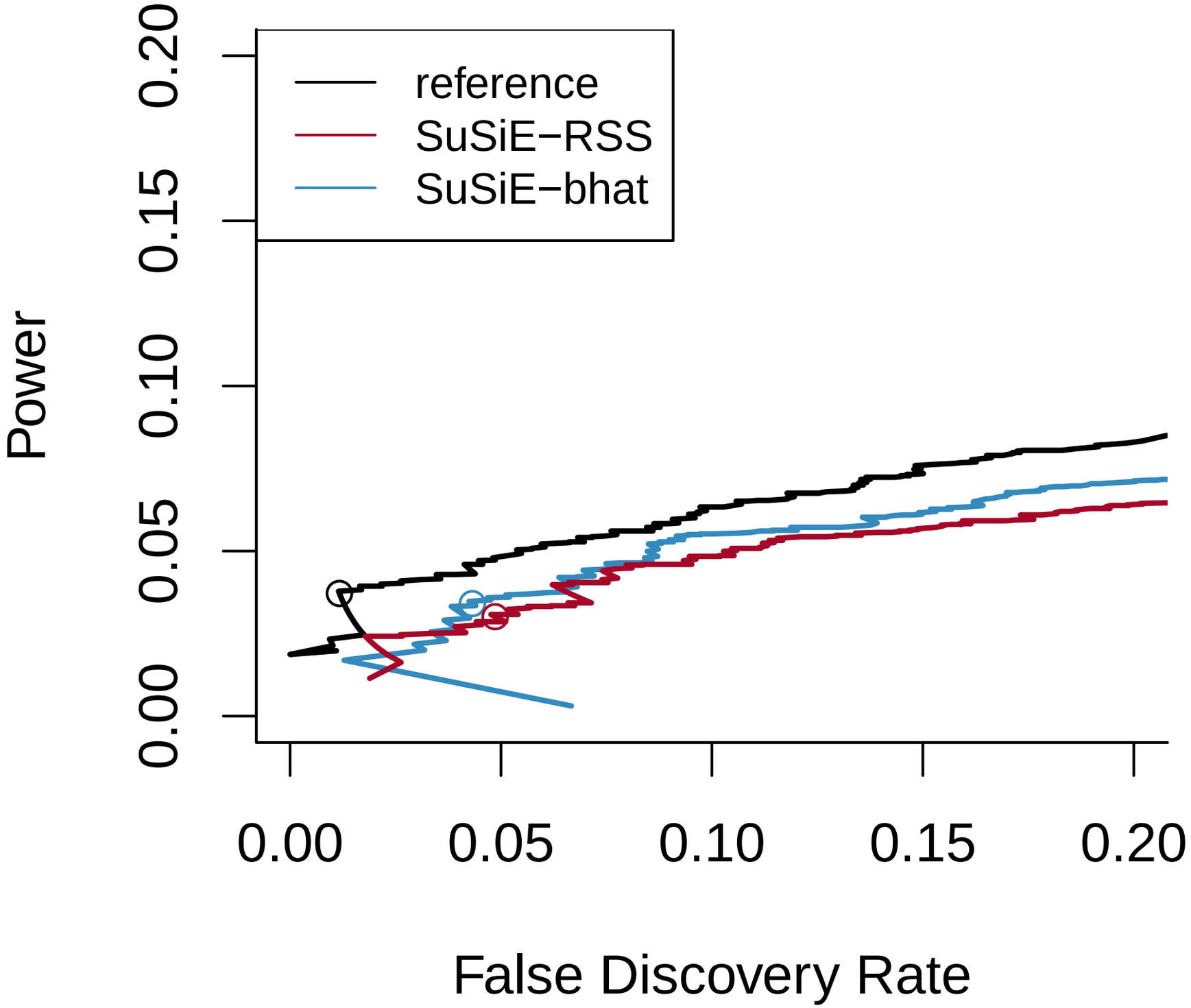# 1 ~ 5 effect variables