#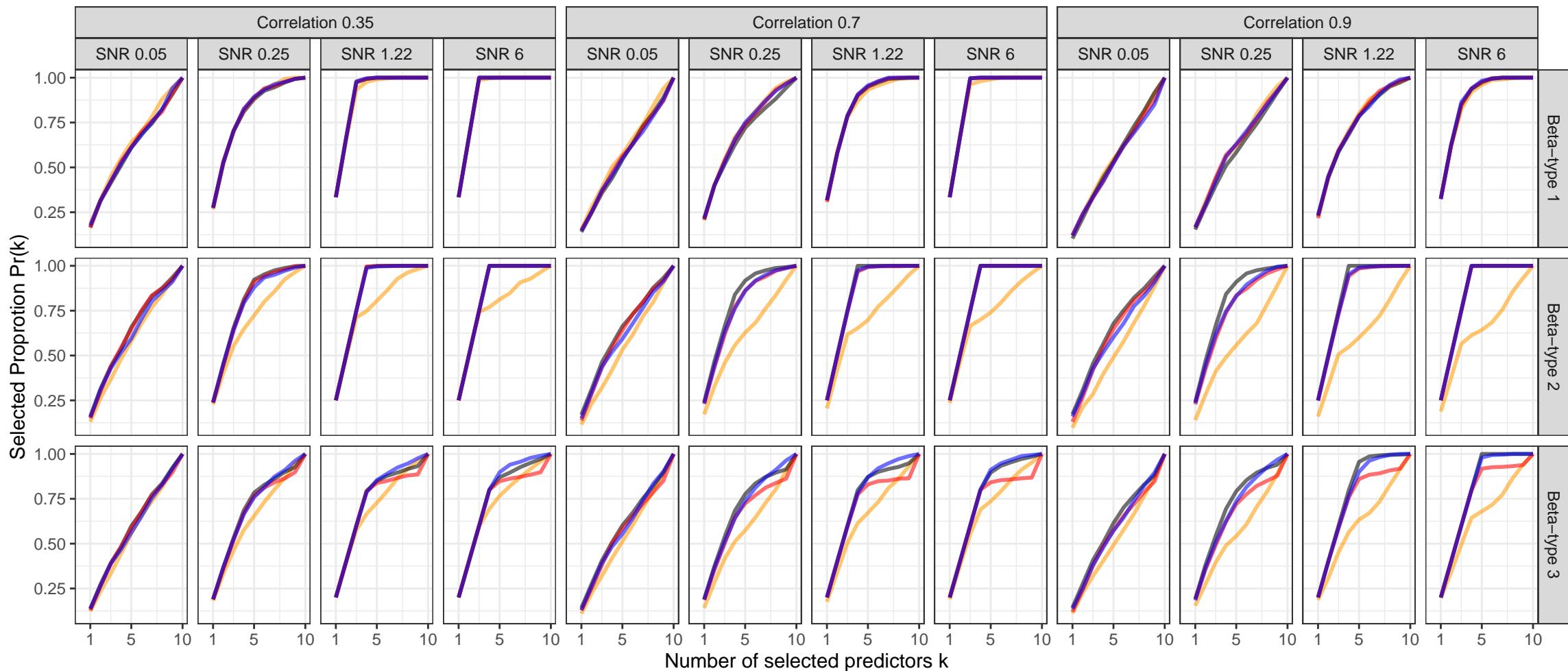 n=100, p=10