Gier2015: false posistive rate with different levels of replication 0.60 Beta-Binom 0.55 -Binom 0.50-0.45 -0.40 **talse bositive** 0.30-0.25-0.20-0.15 -0.10 0.05 -0.00 1 12 13 14 15 16 1 10 20 21 22 24 25 26 21 28 28 35 34 35 34 35 level of replication (Nr)