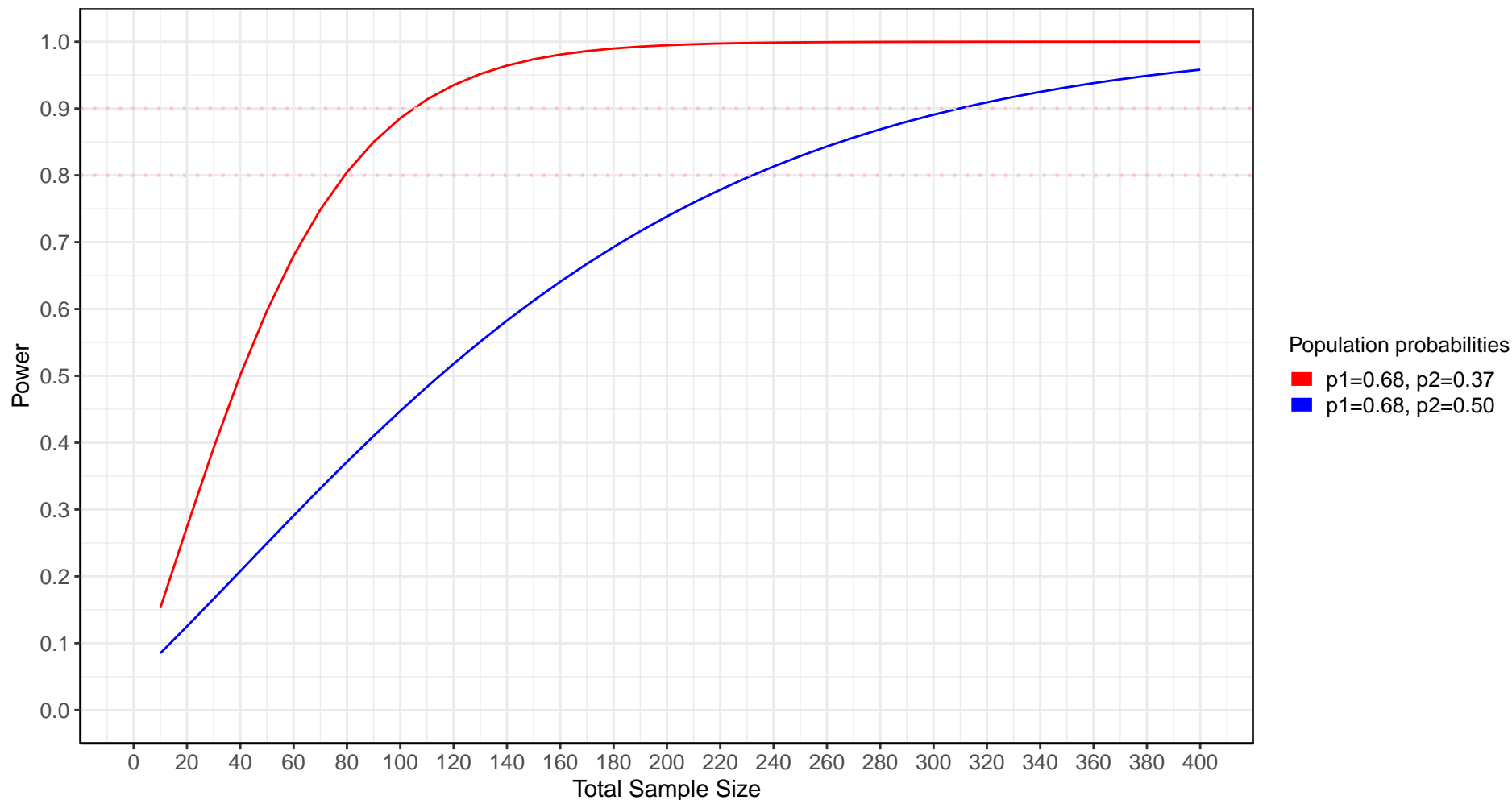


# Power (or sample size) for difference in two proportions ( $p_1$ , $p_2$ ) for evaluation of treatment effect, binary outcome measure.



– Alpha the type I assertion probability = 0.05 two sided. 1:1 randomisation.  
– Uses method of Fleiss, Tytun, and Ury (but without the continuity correction) to estimate the power (or the sample size to achieve a given power) of a two-sided test for the difference in two proportions.  
– Fleiss JL, Tytun A, Ury HK (1980): A simple approximation for calculating sample sizes for comparing independent proportions. Biometrics 36:343–6.  
– Final calculations will be performed using PASS/nQuery. ref: BINARY 2 ARMS POWER MINI.R