

Table 7.3 Calculations for sample size determination in EXCEL

M_0	M_1	p_1	p_2	N	$p_{1-0.5}$	$0.5N(N-1)(p_2-0.5)$	$N(N+1)(2N+1)/24$
0	0.1	0.53983	0.55623	1141.7342	0.03983	36618.36868	124189277.00525
0	0.2	0.57926	0.61135	291.6422	0.07926	4719.26188	2077783.91705
0	0.3	0.61791	0.66431	134.2614	0.11791	1469.93485	203943.03149
0	0.4	0.65542	0.71420	79.2155	0.15542	663.56652	42211.37566
0	0.5	0.69146	0.76025	53.8075	0.19146	369.74250	13346.32363
0	0.6	0.72575	0.80193	40.0681	0.22575	236.31632	5562.95473
0	0.7	0.75804	0.83890	31.8487	0.25804	166.48314	2820.22992
0	0.8	0.78814	0.87105	26.5805	0.28814	126.14664	1654.40382
0	0.9	0.81594	0.89845	23.0355	0.31594	101.12744	1085.90868
0	1.0	0.84134	0.92135	20.5657	0.34134	84.77195	778.57707