subpop. deviation is the slope as a function of k/nk/n 0.0 0.2 0.4 0.6 8.0 1.0 0.03 0.02 0.01 0.00 -0.010.00 0.18 0.30 0.51 0.56 0.62 0.67 0.72 0.41 0.79 S_{i_k} (the subscript on S is i_k)