

Considering the general form also, ant = an + pn(Rn-on) ant = porko + an (1-po) QnH = pnRn + (1-pn) [pn-1 Rn-1 + (1-pn-1) an-1] Qn+ = Bnkn+ (1-Bn) Bn-1 kn-1 + (1-Bn) (1-Bn-1) Qn-1 OnH = BARA + (1-BA)BA-1 RA-1 + ----+ (1- pn) (1- pn-1) ... (1- p2) BI RI + (1-Bn) (1-Bn-1) ... (1-B2)(1-B1) Q1 B1 = X | 01 = 1 1-B1=0, hence the coefficient of a is zero making and independent of a QnH = \(\int \text{RiBiTi (1-Bi)} \) classmate