Matrix Approach vs Analytical Solutions Eq1: All neutral (Analytical) Eq2: APC advantage (Analytical) 10^{-2} Eq3: APC & KRAS advantage (Analytical) All neutral (Matrix) APC advantage (Matrix) APC & KRAS advantage (Matrix) 10^{-4} Reported lifetime risk (0.6%) Probability of malignancy 10^{-6} 10^{-8} 10-10 10^{-12} 30 20 40 50 60 70 80

Age (years)