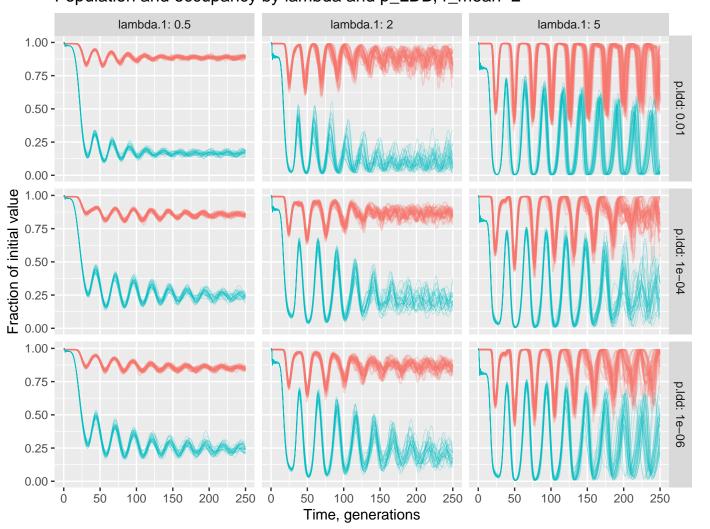Population and occupancy by lambda and p_LDD, r_mean=2