For two to many loci there is an additional comp Vijkl ... = M + BVij + BVze + BV. + - - + & Breedig + Dij + Dec + ---+ + Tijel + --+ ) Epistasis quantifies · Problem: We don't know the quartilies number of loci that interactions interactions are important for a between between alleles at given trait. different loci the same · Solution: Collect the effects for all loci into three different cumulative effects: · Cumulative Effect: U: for the sum of all breeding values from any number of d: sum of all olominauce 1: epistosis effects Genetic Model: