1) Statistical Rodel is based on the decomposition of the phenotype yi Into different components Il First dep: general l'environnel yi = gi + ei a Second skep: olecomposition of quetic pour 9 = 1 + breeding value + dominance + interaction = le + breeding value + rest Insert into yi: yi = M + breeding value + et D third step: Envilonment into known fixed part and unknown random part yz = (1+xc. b + ui + ei\* a Matrix-vector: 4 = X.b + 24 + E