· RR . Chi-Square -> Study : Cohort's Study -> Study : Cross - Sectional \rightarrow Imp : Strength of association -> Imp: Wether there's association or not (doesn't tell strength of association) $RR = \frac{a}{a+b} \left| \frac{c}{c+d} \right|$ $\chi^2 = n ((ab - cd) - n/2)^2$ (categorical Variables) Risk among Kisk among non-Exposed (a+b)(a+c)(+d)(d+b) Exposed $1.2 \leq RR \leq 1.4 = Weak$ or P<0.05 => Vassociation RR >3 = High RR = 1 = no associationsRR < 1 = nog, associations χ^2 7 Critical 1.5 < RR < 2.9 = moderate June •AR • 0 R ---- How much of Risk is due to exposure. odd among discosed -> Study · Case - Control odd among non-d. -> Imp : Strength of association AR = 0 no association ·AR >0 + association $OR = \frac{a}{c} \left| \frac{b}{d} \right| = \frac{ad}{cb}$ "cross product x" AR <0 - association AR = Risk exposed - Risk non exposed Same as RR F1. Control = All population Risk - Risk non exposed X100%. AR = ->Applicable - 2. Selected Case = All cases 3. Rare disease Percentage Risk exposed