LME: yik = u+Bj + ui + ejk · estimate fixed effect (BLUE) BLUP: With and random effect at the some time from same data · Ui as conditional expectation of u given oy: 4, = E(41.14) Properties of Ui: Best linear predictor: var(ui-ui) ->minis Linear in observations U: unbiased E(u) = E(u)·P: Prediction (used for estimates of vanolum effects.) For fixed effects, the method is called BLUE, astinak