Homogeneity of Variance Influential Observations Reference line should be flat and horizonta Points should be inside the contour lines residual 1.5 1.0 0.5 Std. 0.50 10 30 40 Fitted values Leverage (h_{ii}) Normality of Residuals Normality of Random Effects (subject Dots should fall along the line Dots should be plotted along the line Sample RE Standard Normal Distribution Quant Theoretical Quantiles