

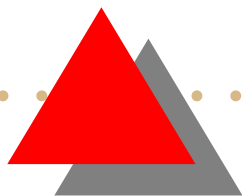
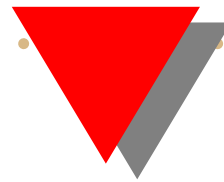
Machines

(STATS660.2: Case studies in linear mixed models)

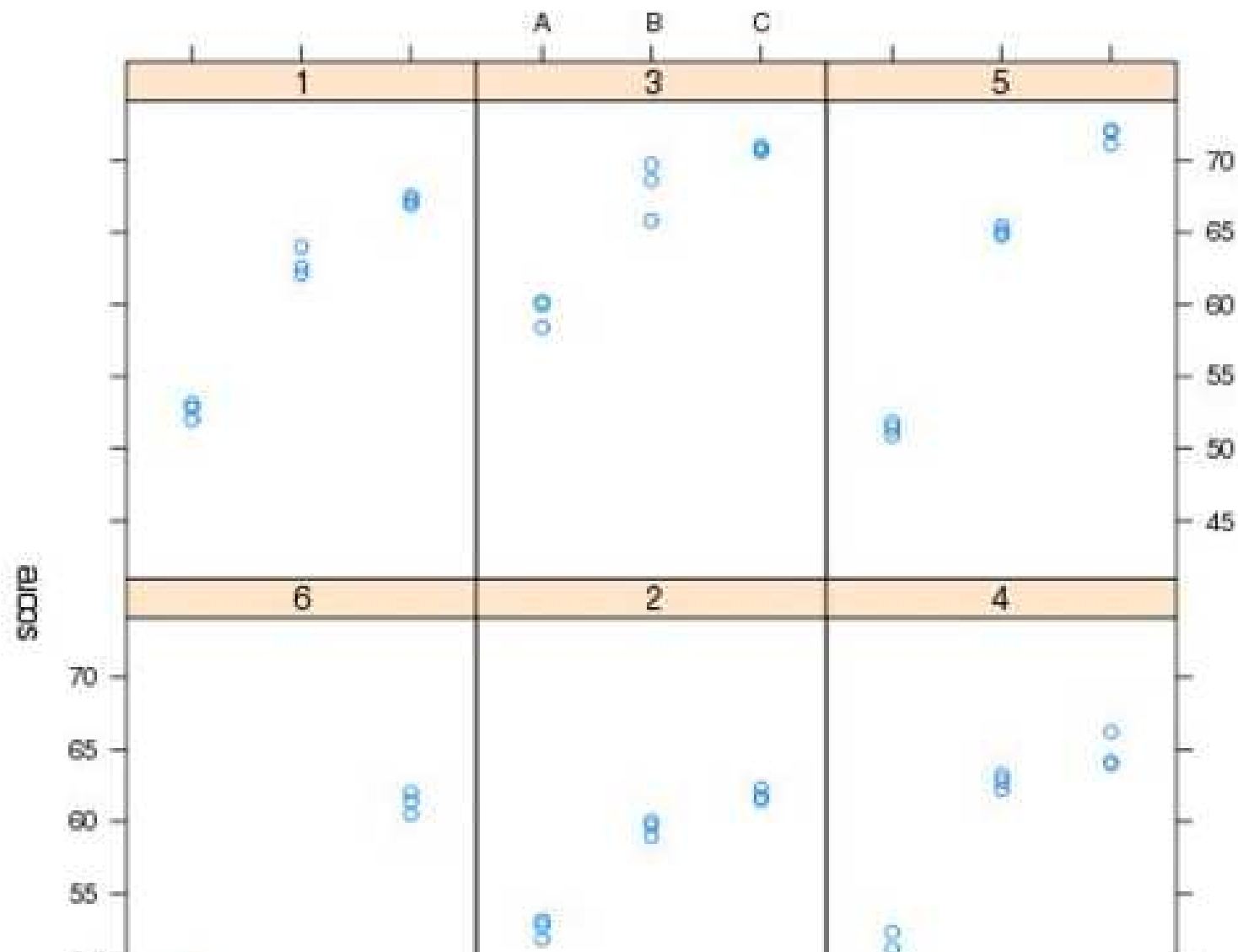
Anonymous



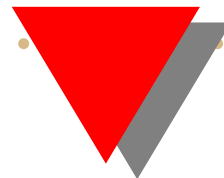
Discussion



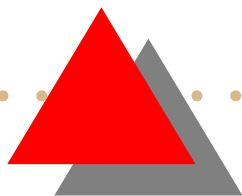
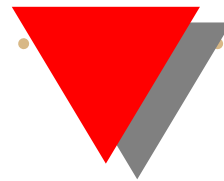
The data




The model and hypothesis

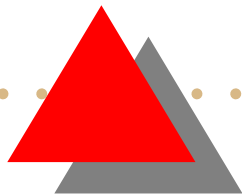


Matrix formulation

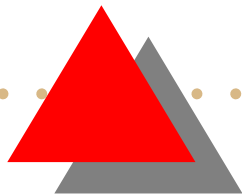
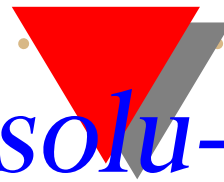




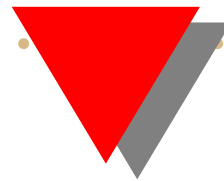
*Anova tables, tests and estimates
of variance components*



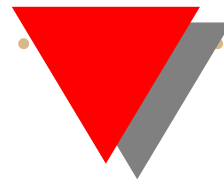
Estimating equations and solutions



REML estimates



LRT of hypothesis



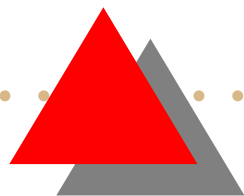


Estimates with all effects fixed

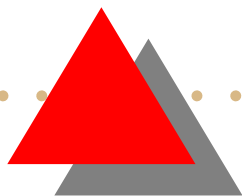
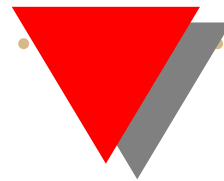




The SS-formulas in the ANOVA tables



SS computed by 'hand'

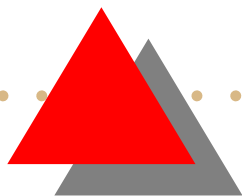




Maximum likelihood estimates



Compare variance and SS estimates



Compare variance and SS estimates

