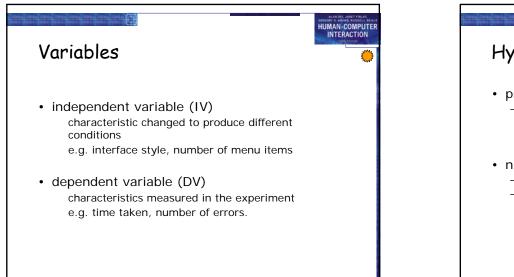


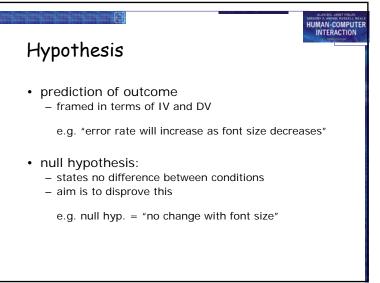


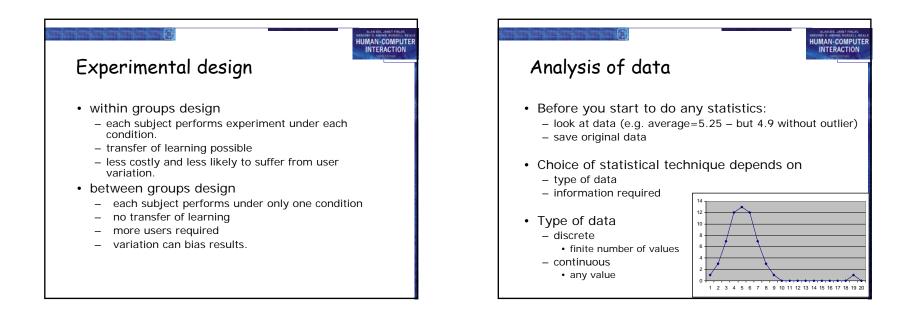
- Subjects
 - who representative, sufficient sample
 not the programmer friend, boss, etc.
 - huge variability in effectiveness (e.g., programmers)

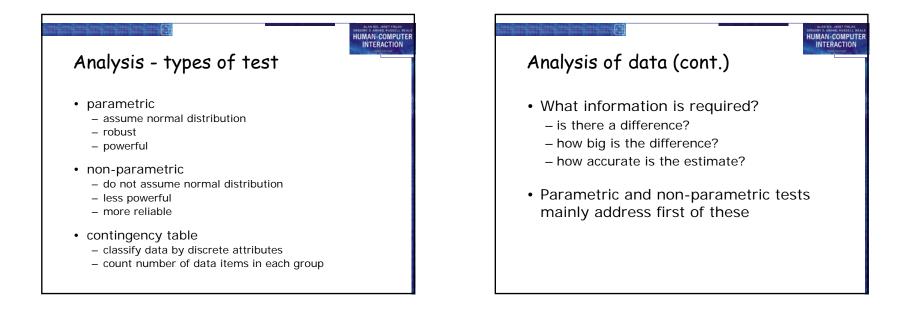
HUMAN-COMPUTER

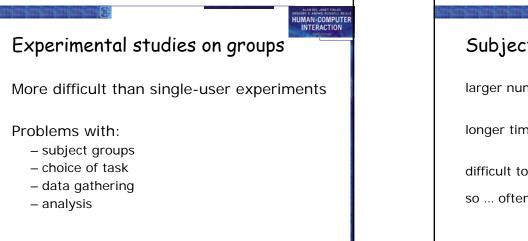
- Variables
 - things to modify and measure
- Hypothesis
 - what you'd like to show
- Experimental design
 - how you are going to do it

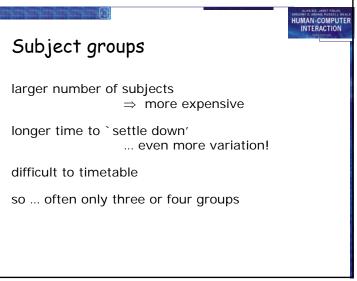




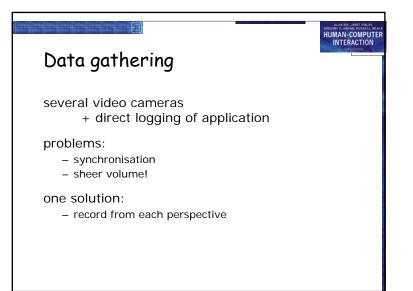


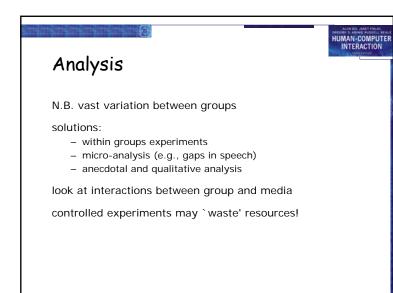












Field studies Experiments dominated by group formation Field studies more realistic: distributed cognition ⇒ work studied in context real action is *situated action* physical and social environment both crucial Contrast: psychology – controlled experiment sociology and anthropology – open study and rich data