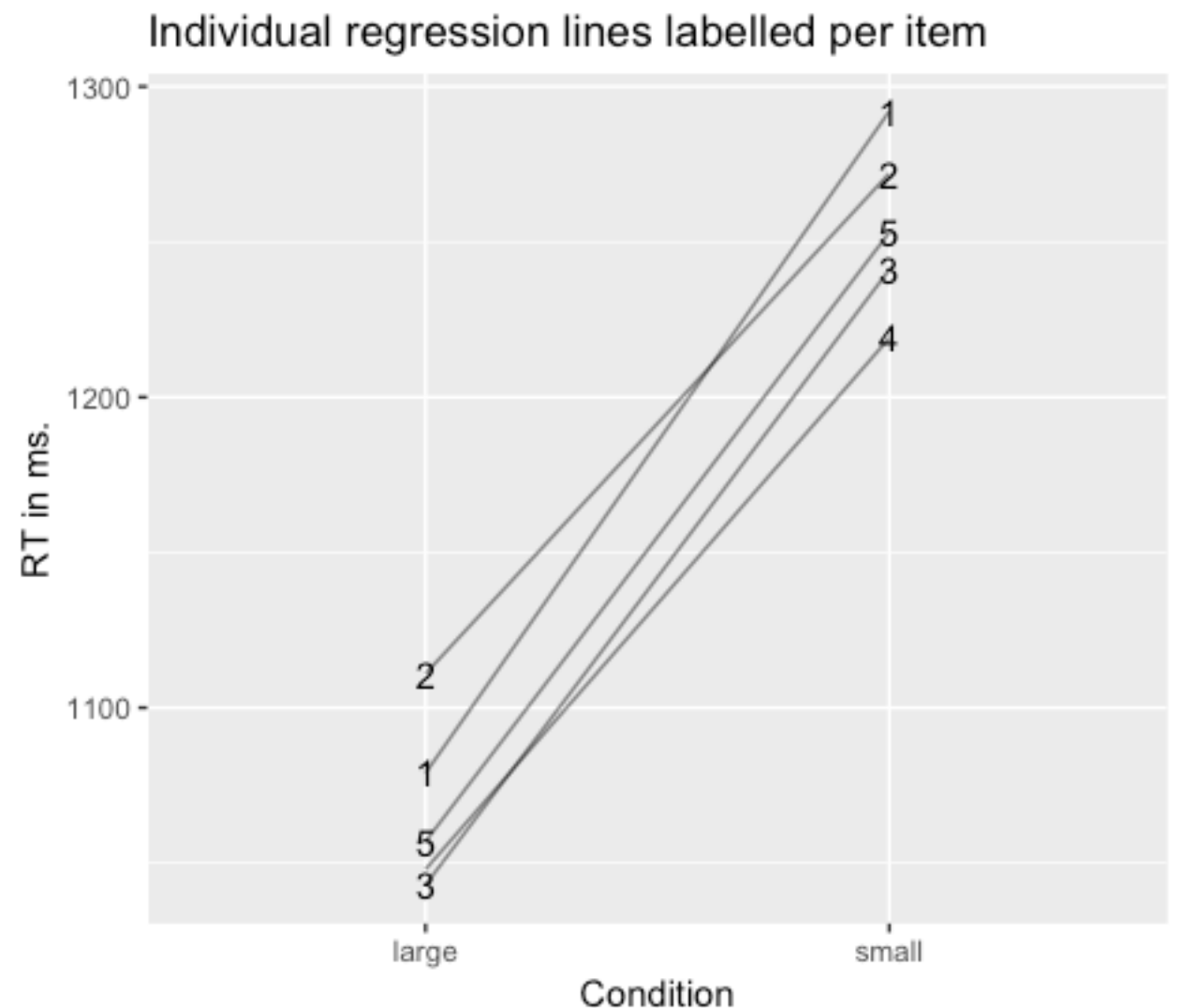
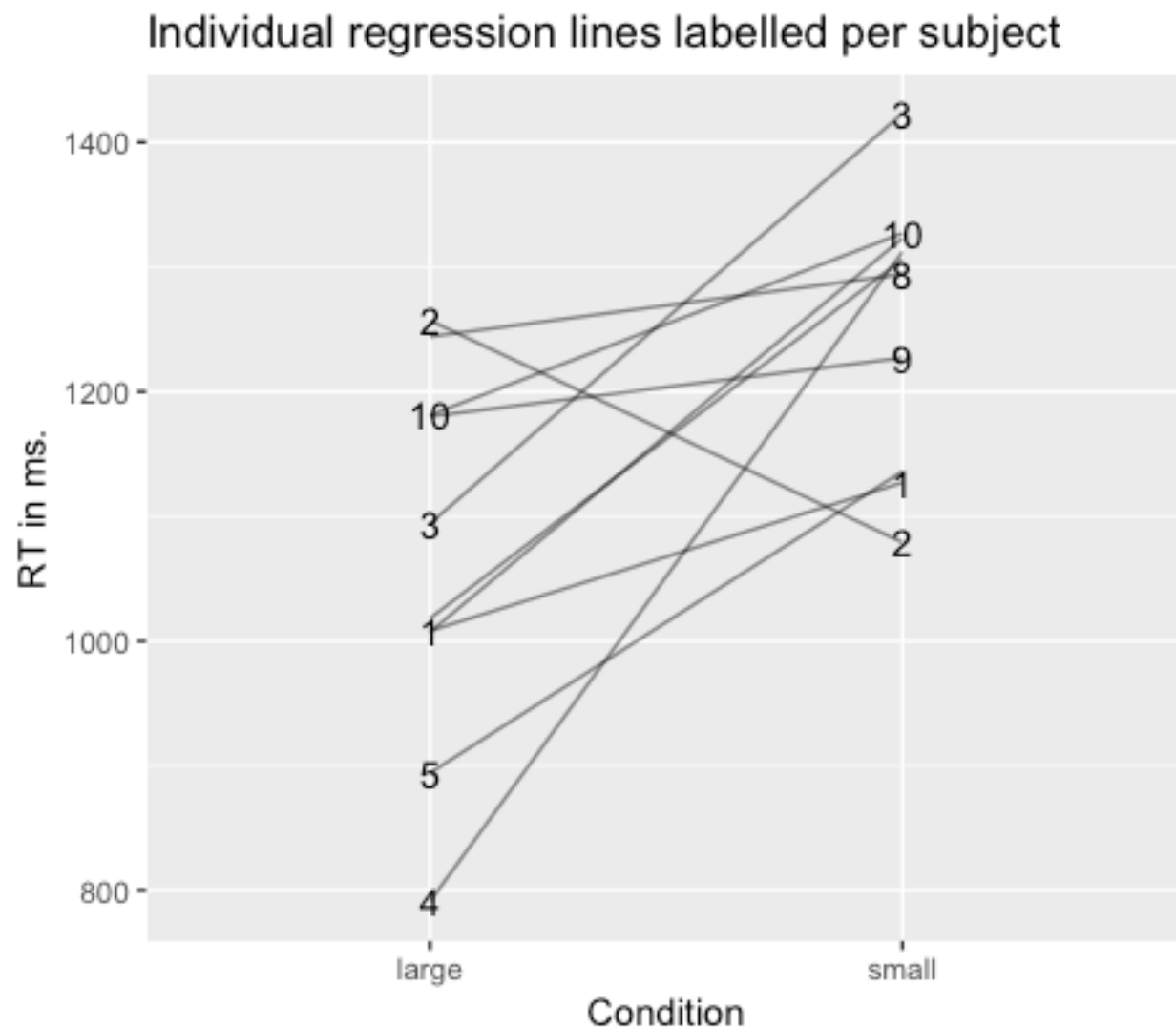


Plotting the slopes of our Condition factor



We see quite a lot of variability in our participants - incl. participant 2 who is going the other way (RT for Small targets is shorter than RT for Large targets)

Partial Pooling in LMMs

- LMMs use *partial pooling* to estimate the parameters of the model coefficients.
- Partial pooling takes account of the individual slopes and intercepts for each level of the random effect structure, but also the slope and intercept of the overall model (which ignores how things vary from one participant to the next).
- The following slides are adapted from Tristan Mahr's great blogpost: <https://www.tjmahr.com/plotting-partial-pooling-in-mixed-effects-models/>