1. The R code is not very missing-friendly – can’t find a way to code missing values. Should they be discarded? (Get rid of the cases; 10% of the responses to be missing per person; item-mean an person-mean imputation – grand mean + row mean + column mean; Dan on missing values)
2. ACH: 4; AUS: 0
3. CCH: 10; CUS: 0
4. ECH: 10; EUS: 0
5. NCH: 8; NUS: 0
6. OCH: 7; OUS: 0
7. Some items have 0 frequencies for option 1. These items were included in the dominance model DIF analysis, but not GGUM DIF analysis, because GGUM2004 wouldn’t run with these items. The R package will also report error if these items are included. Shall I get rid of them? (collapse the category)
8. Items 11 and 19 for ACH
9. Item 10 for OCH and Item 12 for OUS
10. Will FlexMirt be able to do this analysis? A software program may have more tolerance for missing values and items with 0-frequency option?
11. MLG and Mplus yielded different threshold estimates but similar alpha estimates. MLG: marginal maximum likelihood. Mplus: maximum likelihood? (plot the threshold and see if they are on the same line)
12. The R package was for identifying the source of misfit, and Mord is for assessing the overall model fit, based on Maydeu-Olivares’ paper *Why Should We Assess the Goodness-of-Fit of IRT Models?*.