0416 Meeting

1. MULTILOG: items with extreme parameters; some values even can’t be displayed; should we keep these items in the DIF analysis? Will they influence results?
2. If the item is only bad for one sample, then keep it, and expect it to be a DIF item. In non-DIF analysis, should delete the item.
3. If the item is bad for both samples, delete it.
4. By good items, we are talking about items with an equals at least 0.3 if the a given by MULTILOG is really a instead of 1.7\*a, otherwise a should be at least 0.5. The a parameters are what we need to specifically pay attention to.
5. It’s true that extreme values could potentially influence the estimation of other items, but the influence we are expecting is probably small.
6. MULTILOG syntax
7. NGROUP should equal to 2 instead of 1 when doing DIF analysis. NG=1 assumes the two groups come from the same population and have the same theta distribution.
8. NG=2 assumes that the two groups come from different populations (e.g. US and CHN samples) and therefore have different theta distribution.
9. >EQUAL AJ, BK is the only way to do linking.
10. No specification for the number of groups in GGUM.
11. When using NG=1, values may not differ drastically.