

Analyzing Educational Attainment Data

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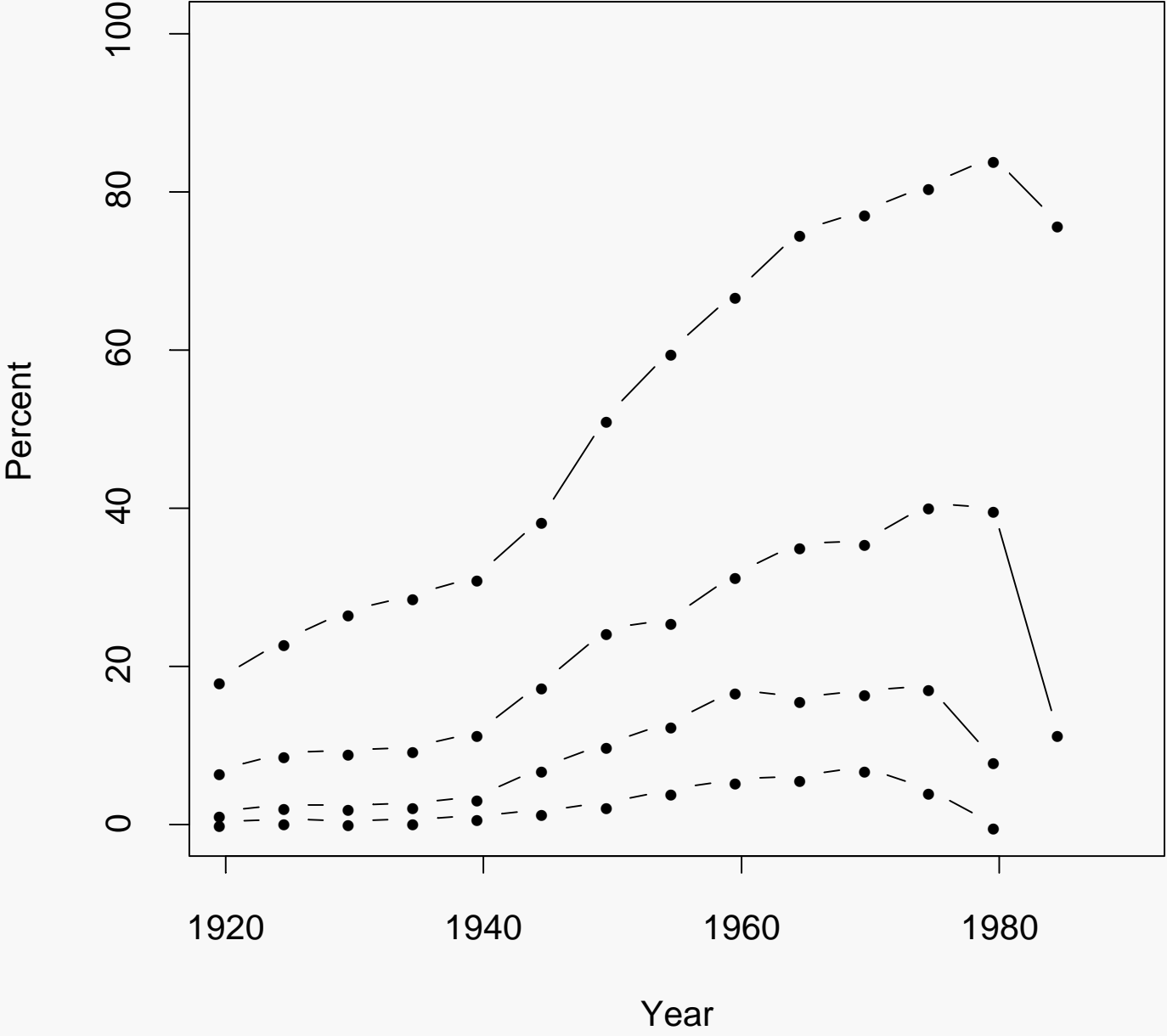
We Can Be Brief Because ...

- Everything we have learned about literacy data applies to educational attainment data as well
- We need to pay close attention to the *definition of categories*
- Where *progressive* we will want to use *progression ratios* as well as proportions at each attainment level

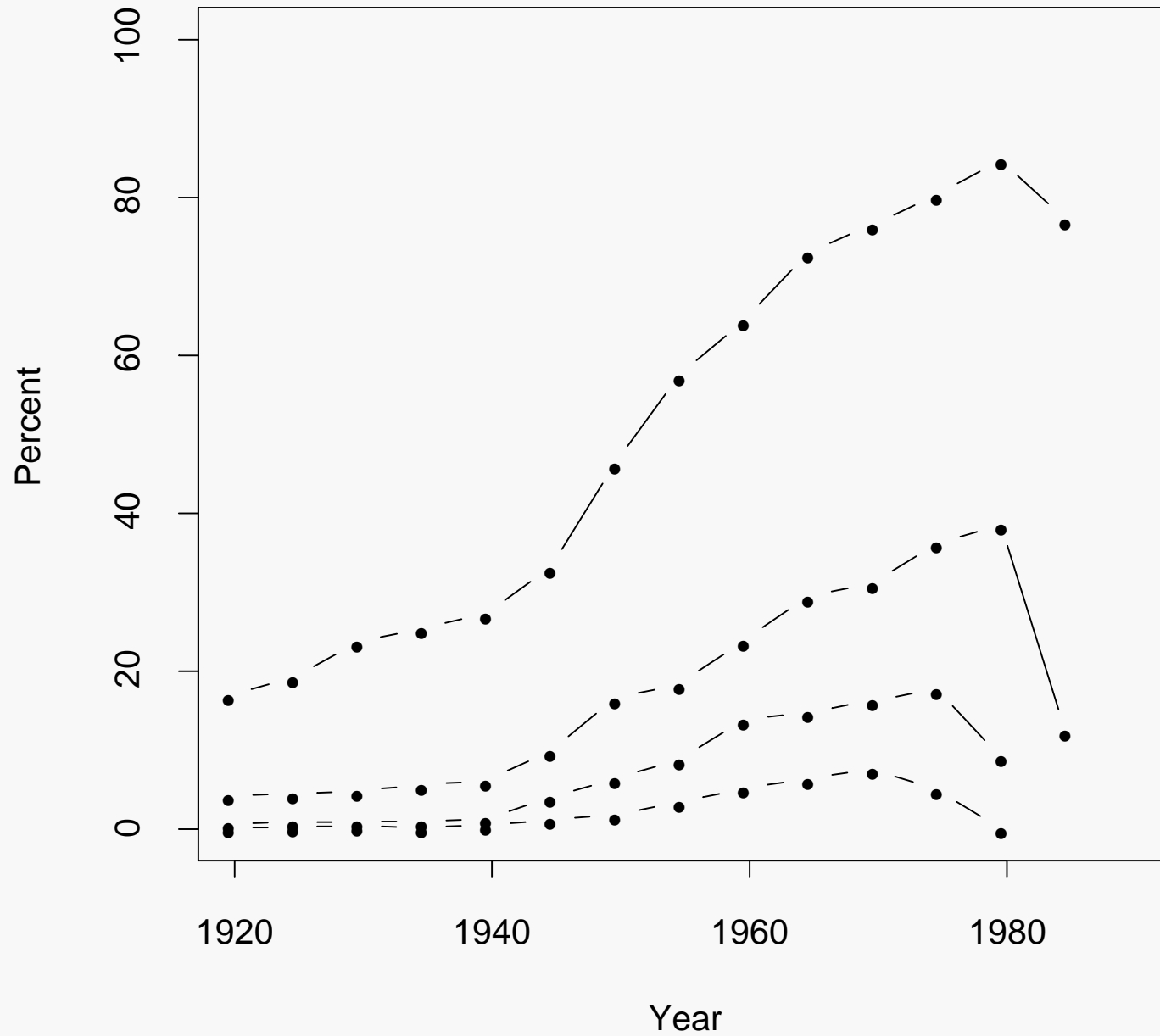
Educational Attainment Data for Myanmar, 1991

- See **Resources** for data in both text file and spreadsheet form
- See Resources for the notes ‘Analyzing Educational Attainment Data’
- The following plots illustrate time-plotting of educational attainment data for both sexes and by sex

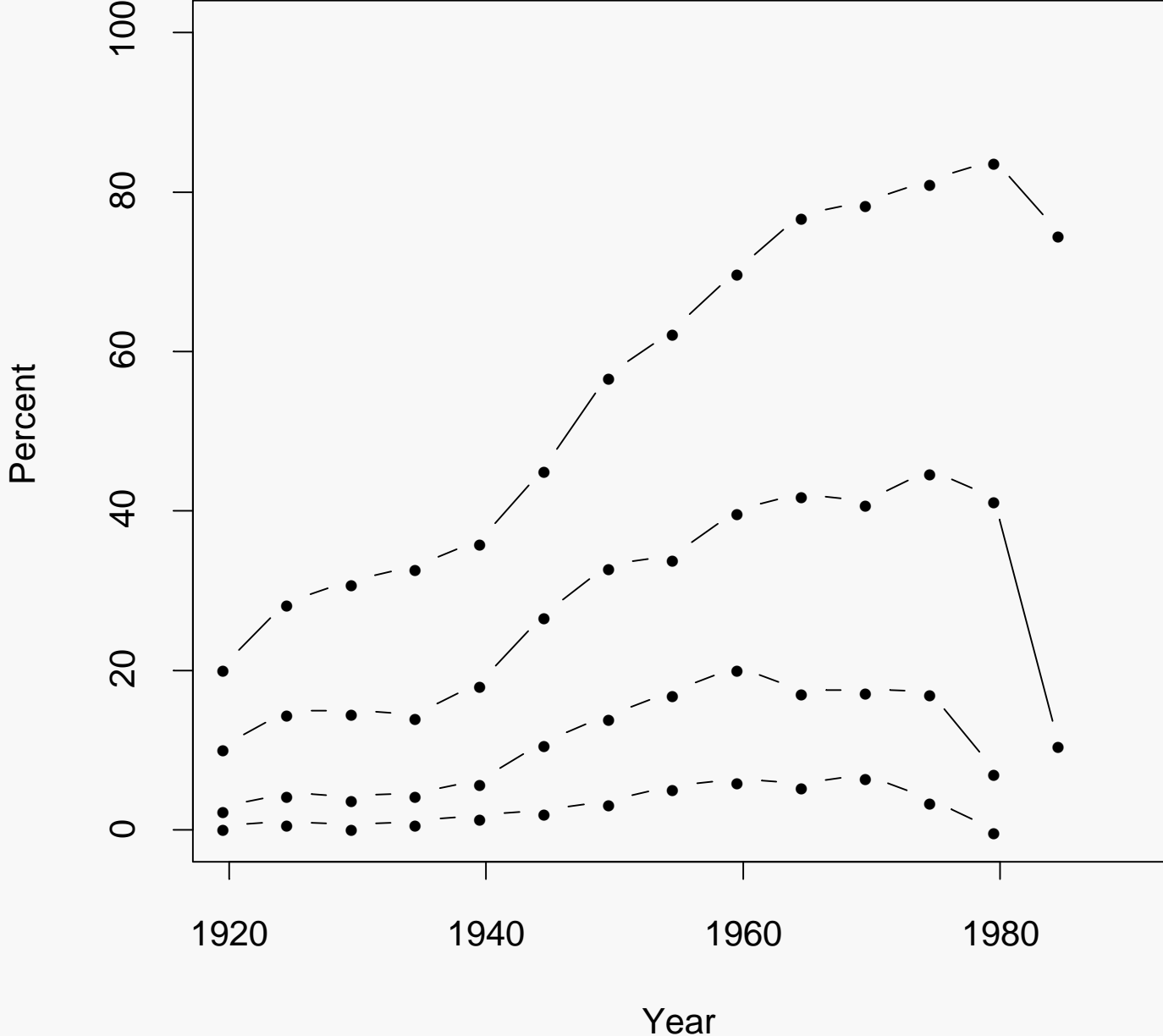
Educational Attainment: Both Sexes



Educational Attainment: Female



Educational Attainment: Male



What Do These Plots Do a Good Job of Showing?

- The long term historical increases in educational attainment for both males and females
- The level of education *circa* 1920 and the level *circa* 1990; but only for the first level
- The difference in proportions of population reaching different education levels over time

What Do These Plots *Not* Do A Good Job of Showing?

- Sex difference in educational attainment; for this we want a series of plots that juxtapose male and female trends
- Changing sex difference in educational attainment; has the gap been closing?
- Changes in attainment for higher levels, where proportions are lower; *scale change*

Questions?
Comments?
Discussion?