
Appendix E: Equating Figures & Additional Details

Figures E-1 through E-15 show the Item Characteristic Curves for the Anchor Items considered for removal from the equatings of the Spring 2006 operational tests.

Figures E-16 through E-44 show the TCC and SEM plots for the Spring 2006 operational tests Grades 3-10 Reading (E-16 through E-23), Mathematics (E-24 through E-31), Writing (E-32 through E-39), Grade 8 Science (E-40), and Grades 3 and 4 Spanish Reading and Writing (E-41 through E-44), compared to the previous year's plots. Note that CSAP Science tests for Grades 5 & 10 were newly administered in 2006, and therefore no comparison is available. Each figure included in this section displays four comparison curves: (A) test characteristic curves, (B) standard errors of measurement, (C) test information curves, and (D) cumulative frequency distributions for the calibration samples.

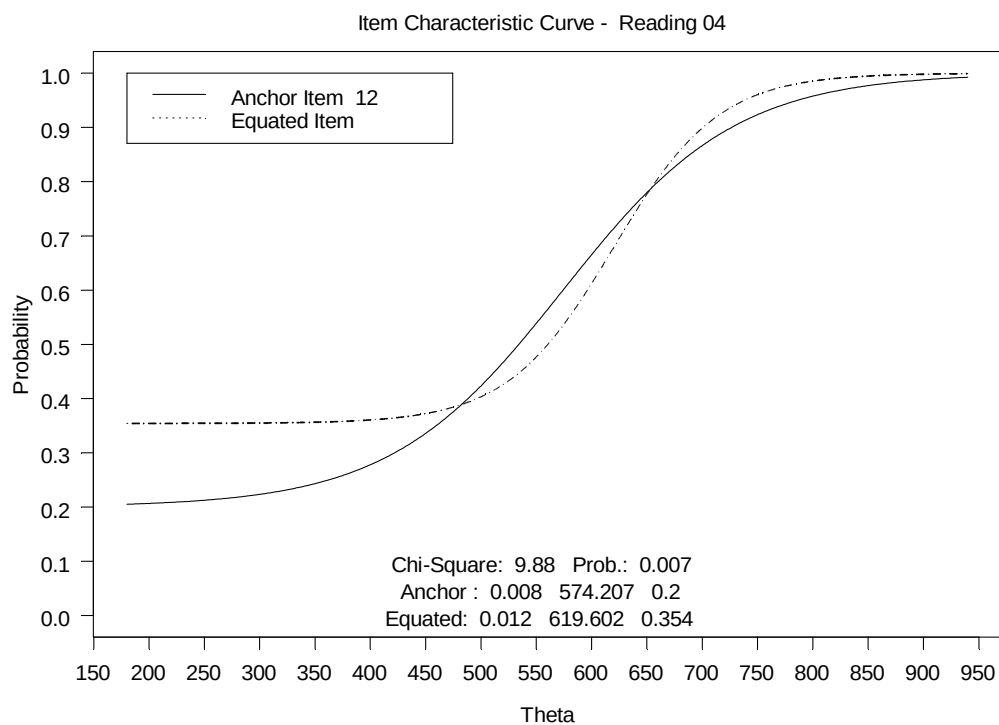
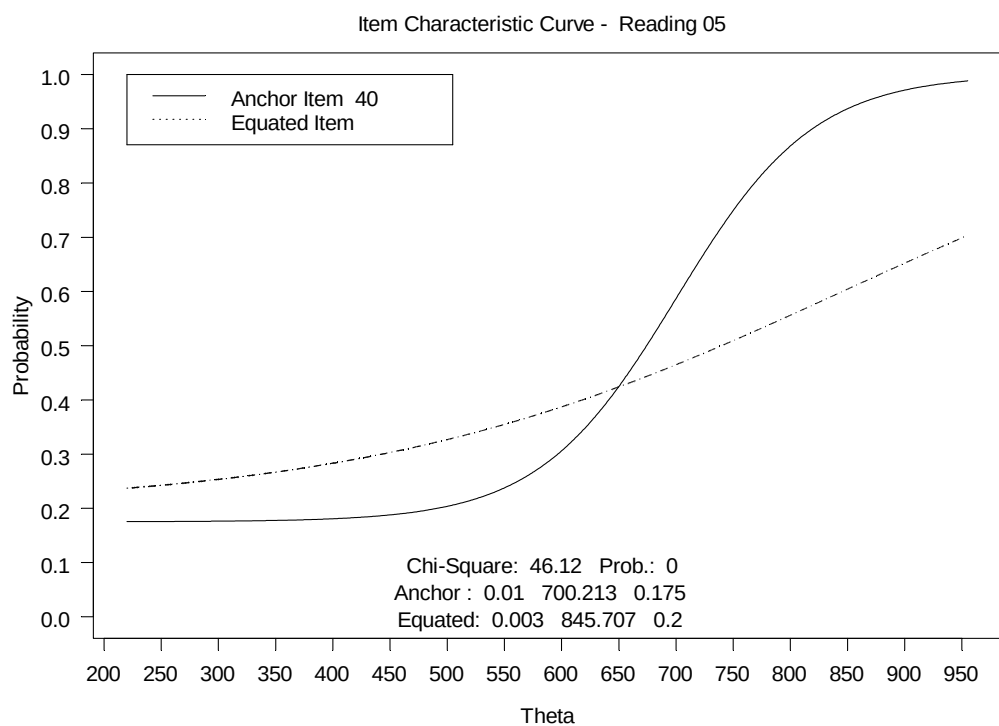
Figure E-1. Reading Grade 4 Item Characteristic Curve for Item #12**Figure E-2. Reading Grade 5 Item Characteristic Curve for Item #40**

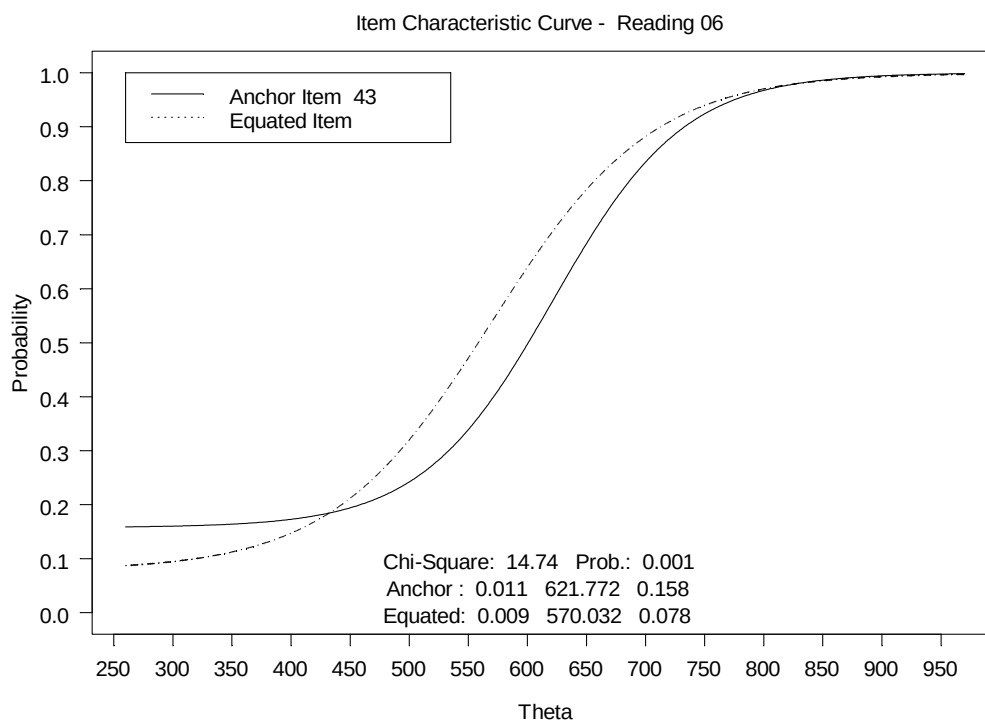
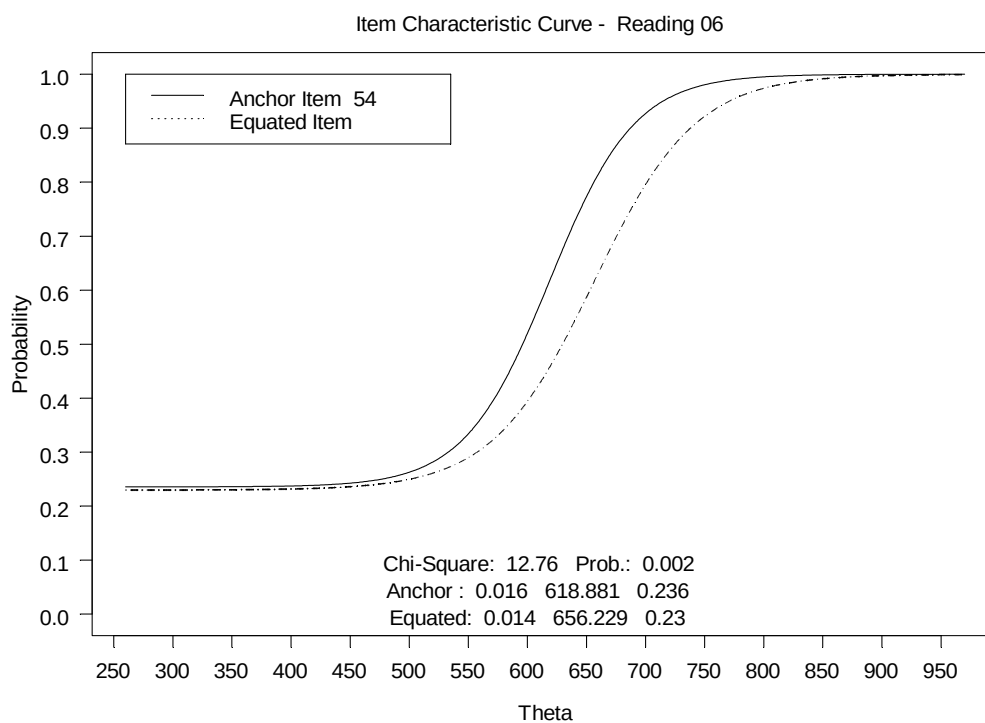
Figure E-3. Reading Grade 6 Item Characteristic Curve for Item #43**Figure E-4. Reading Grade 6 Item Characteristic Curve for Item #54**

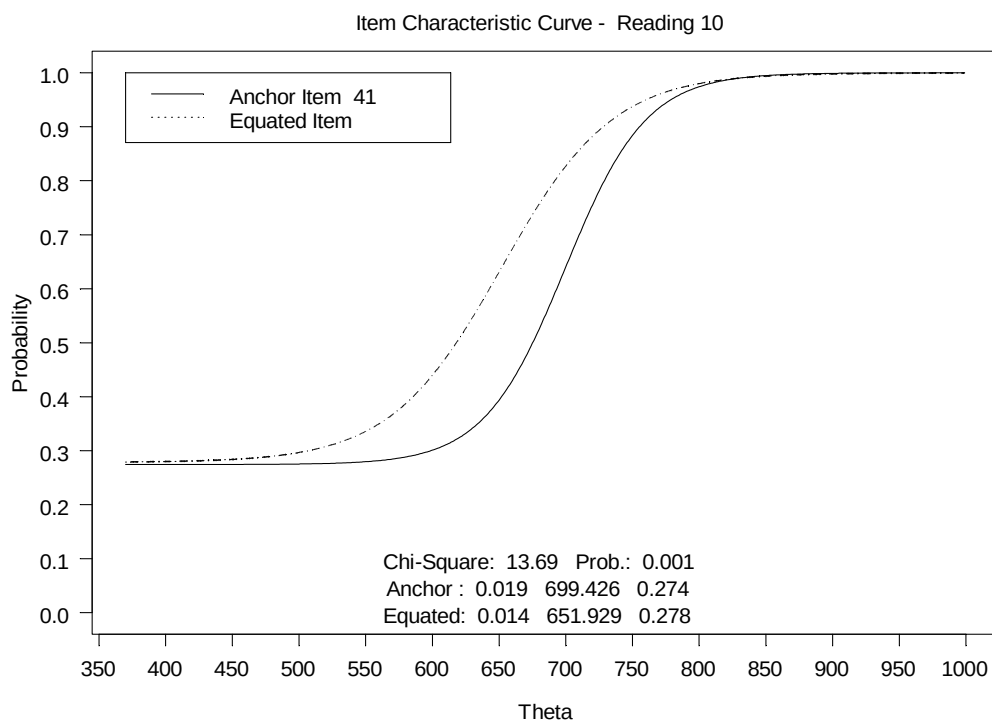
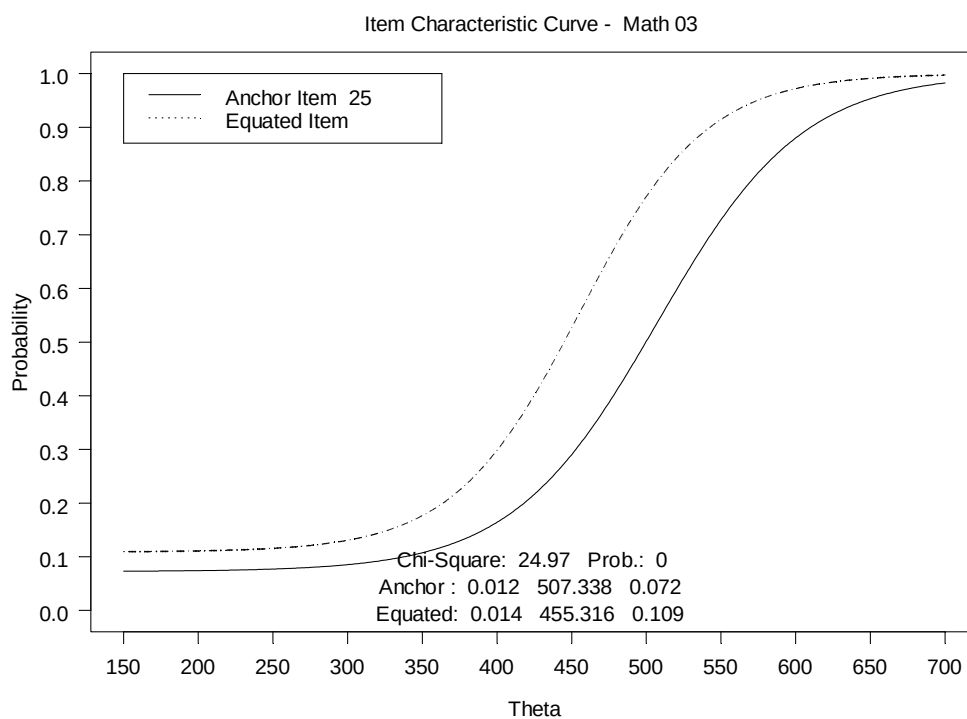
Figure E-5. Reading Grade 10 Item Characteristic Curve for Item #41**Figure E-6. Mathematics Grade 3 Item Item Characteristic Curve for Item #25**

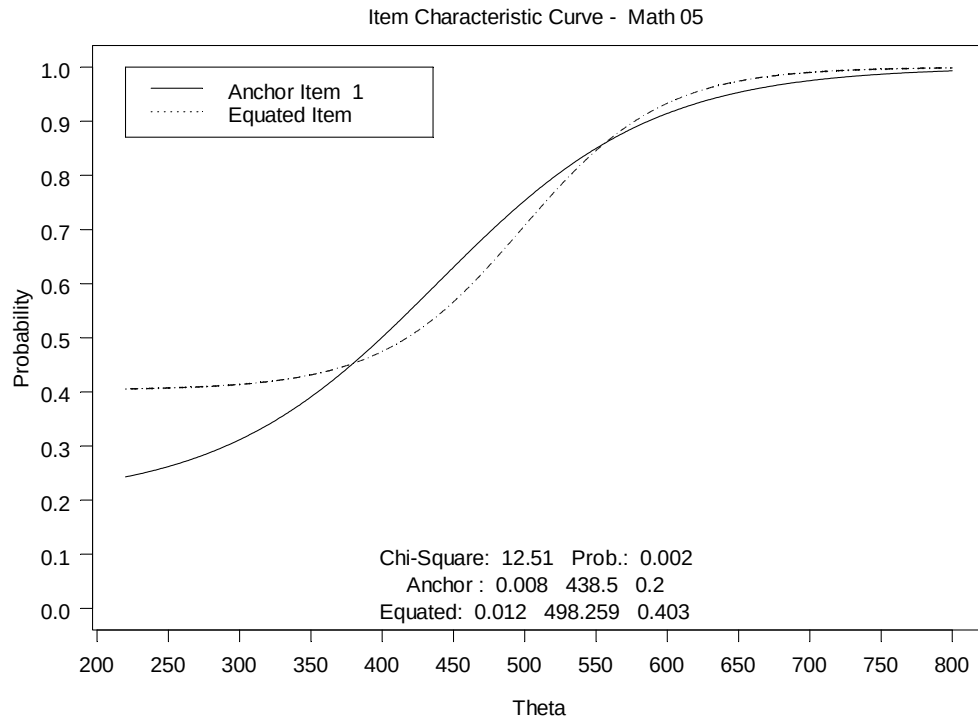
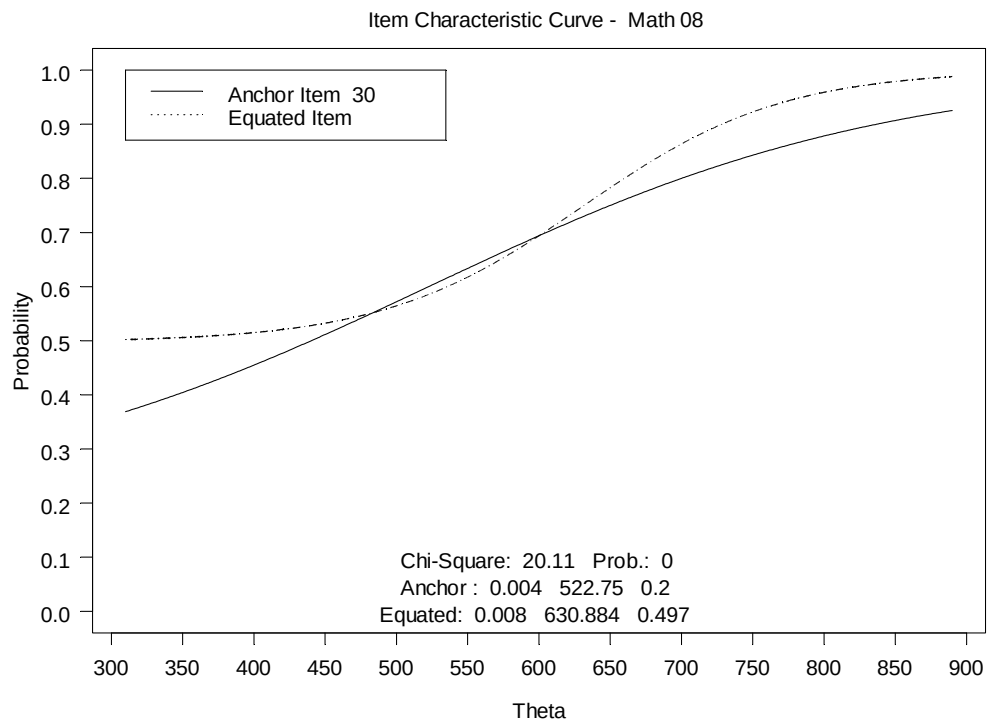
Figure E-7. Mathematics Grade 5 Item Characteristic Curve for Item #1**Figure E-8. Mathematics Grade 8 Item Characteristic Curve for Item #30**

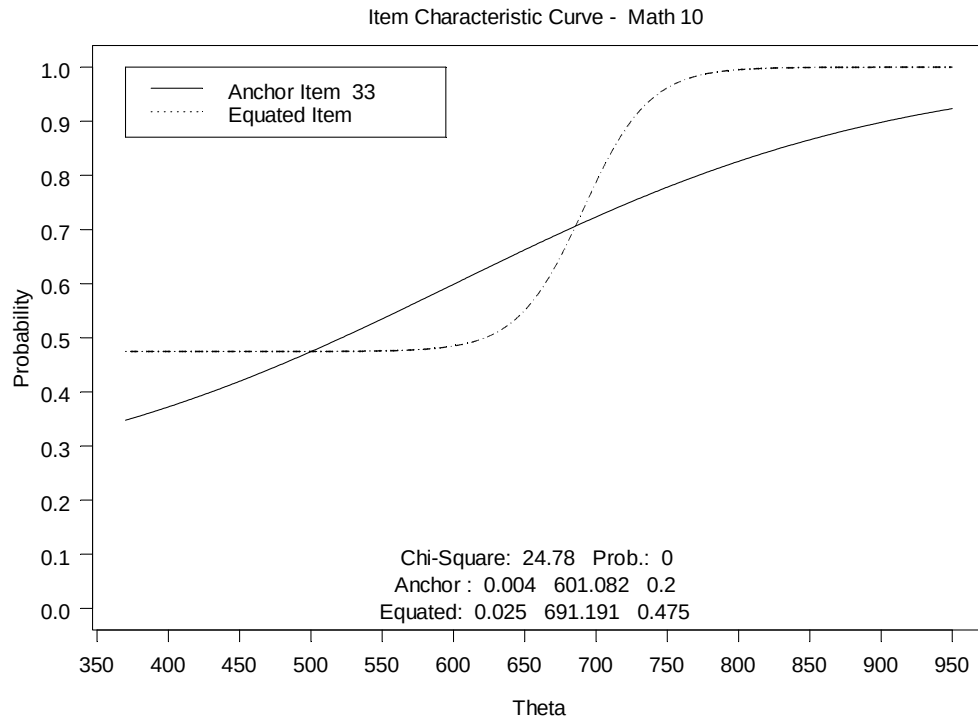
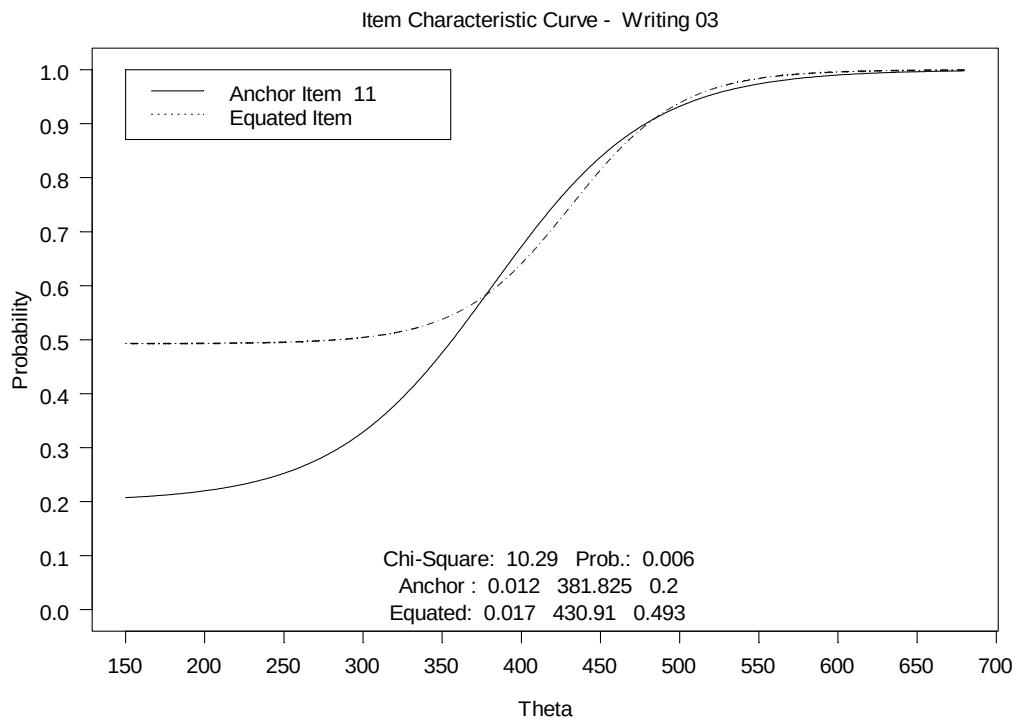
Figure E-9. Mathematics Grade 10 Item Characteristic Curve for Item #33**Figure E-10. Writing Grade 3 Item Characteristic Curve for Item #11**

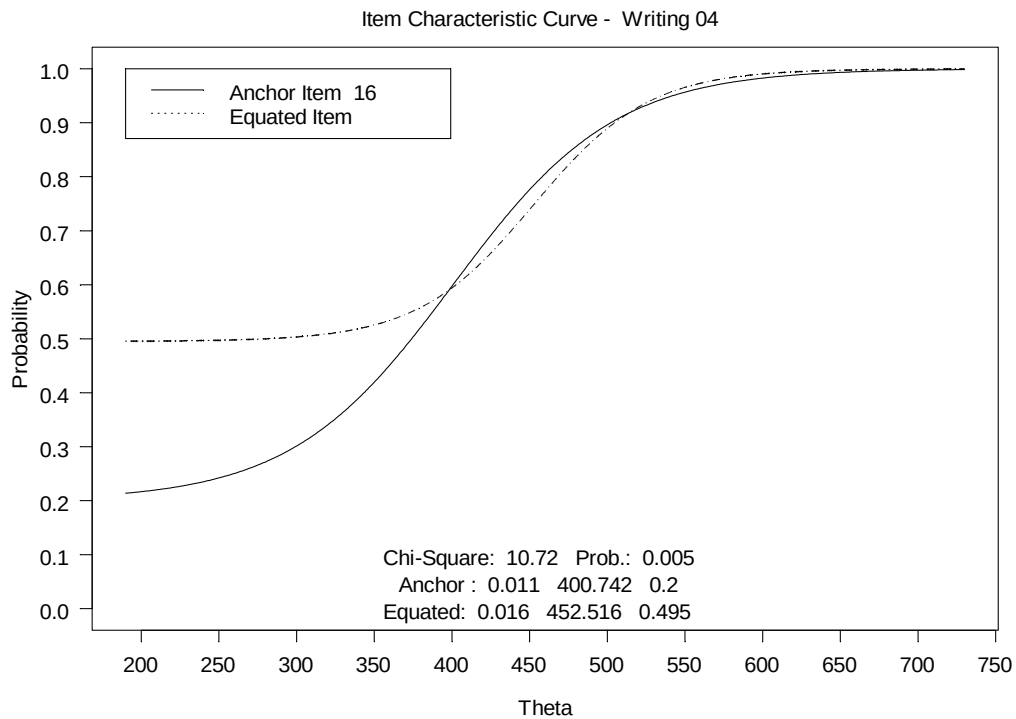
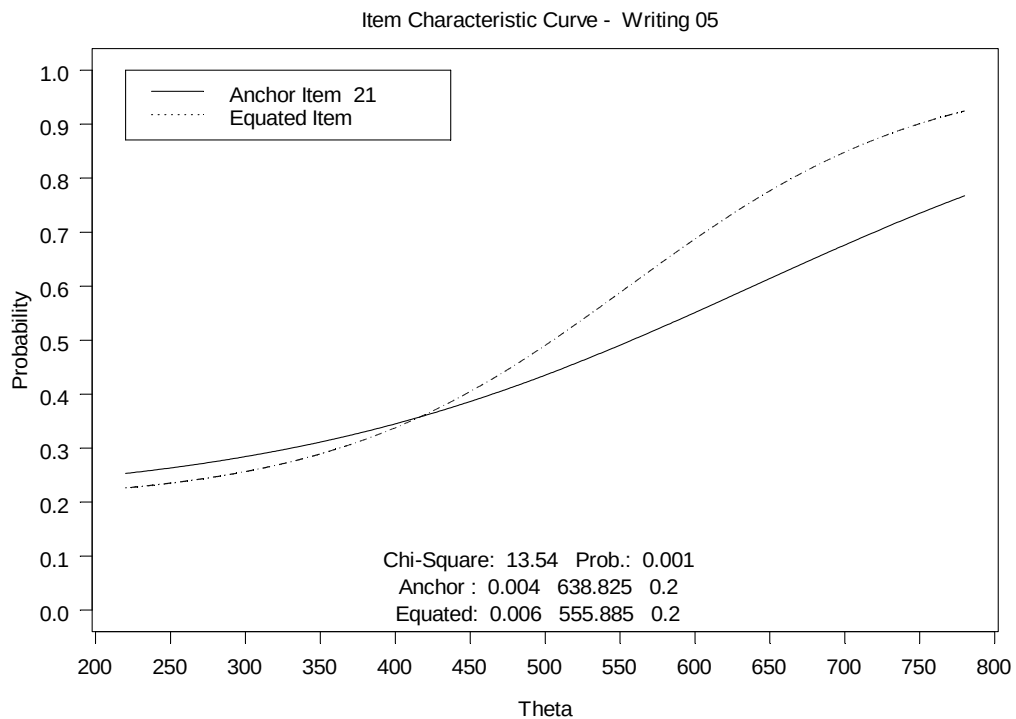
Figure E-11. Writing Grade 4 Item Characteristic Curve for Item #16**Figure E-12. Writing Grade 5 Item Characteristic Curve for Item #21**

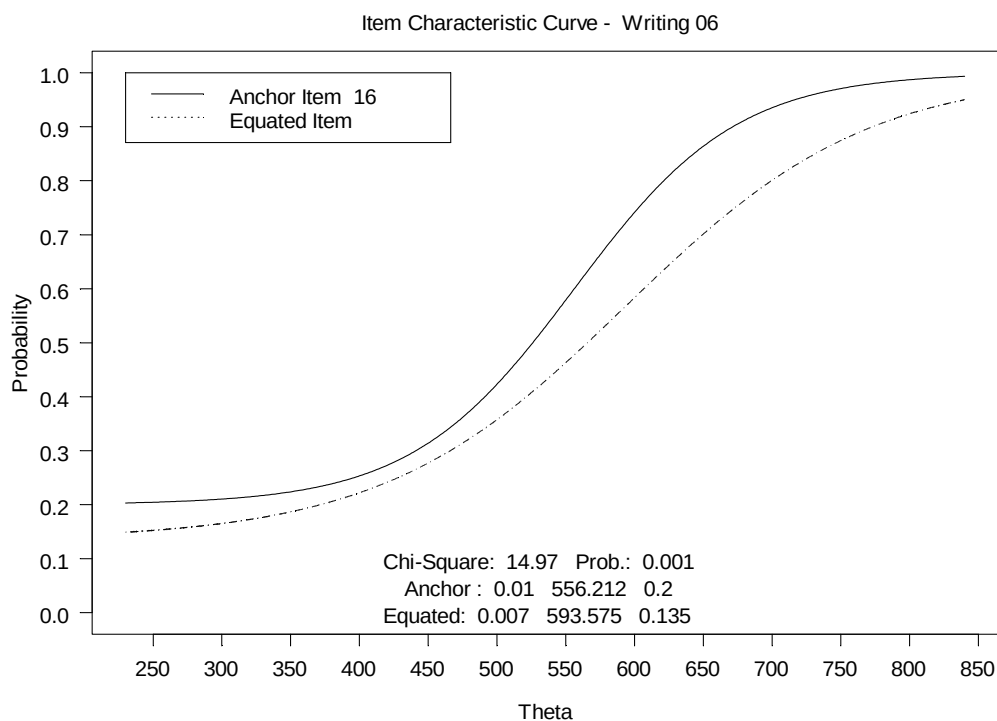
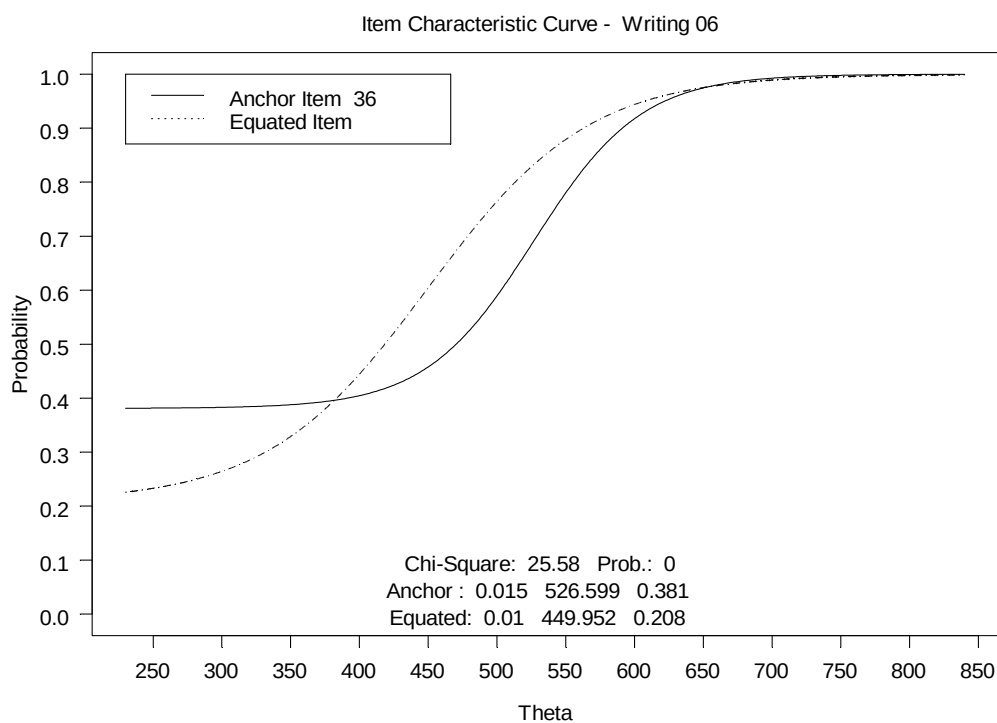
Figure E-13. Writing Grade 6 Item Characteristic Curve for Item #16**Figure E-14. Writing Grade 6 Item Characteristic Curve for Item #36**

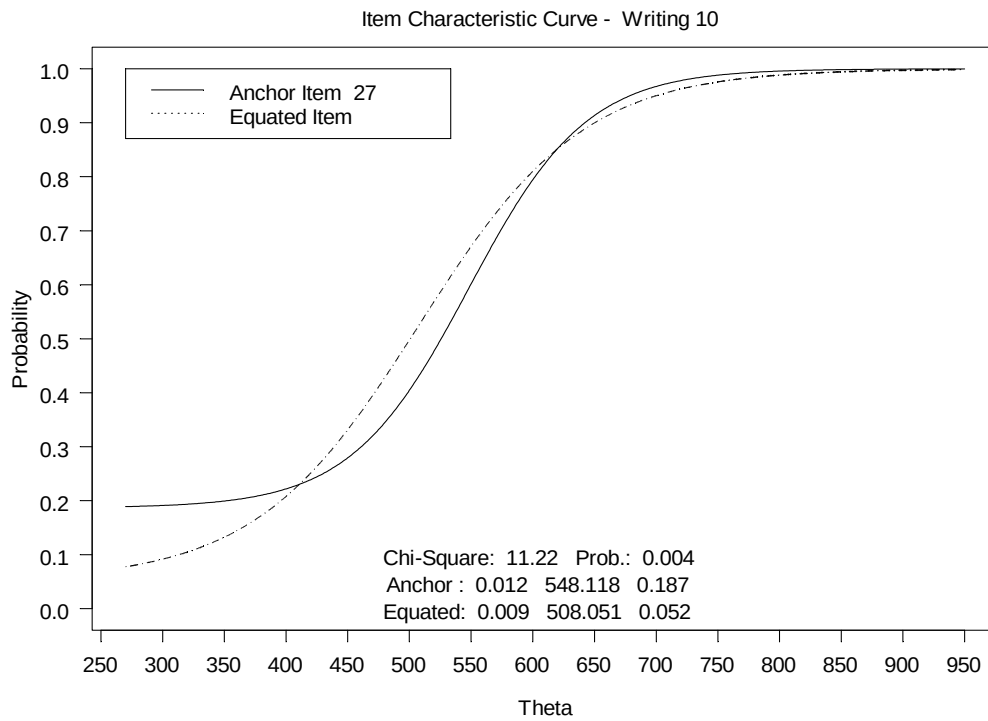
Figure E-15. Writing Grade 10 Item Characteristic Curve for Item #27

Figure E-16. CSAP Grade 3 Reading Operational Tests (Blue=2006, Pink=2005) (A) test characteristic curves, (B) standard errors of measurement, (C) test information function, and (D) cumulative frequency distributions for the calibration samples.

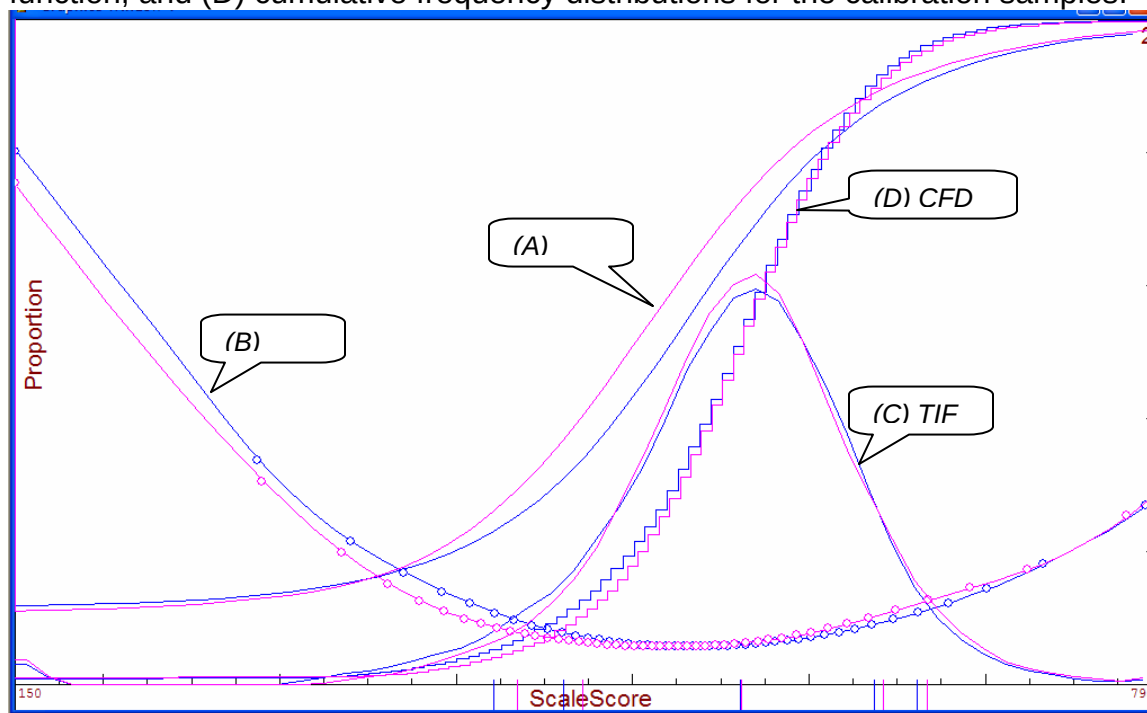


Figure E-17. CSAP Grade 4 Reading Operational Tests (Blue=2006, Pink=2005)

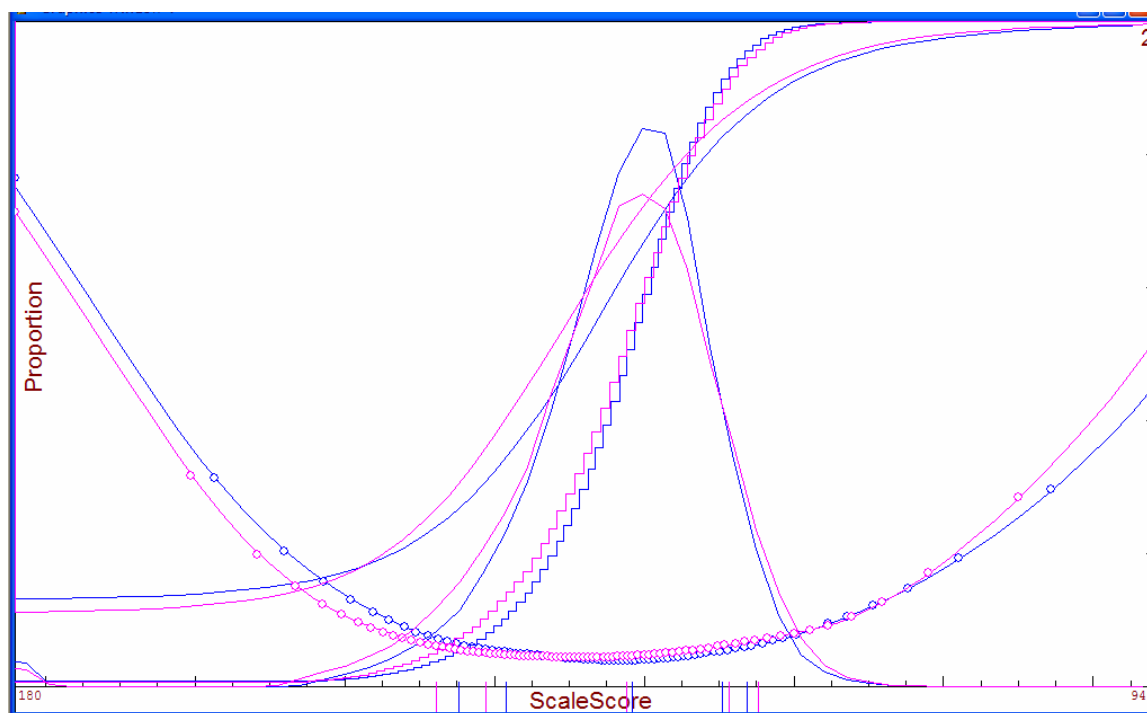


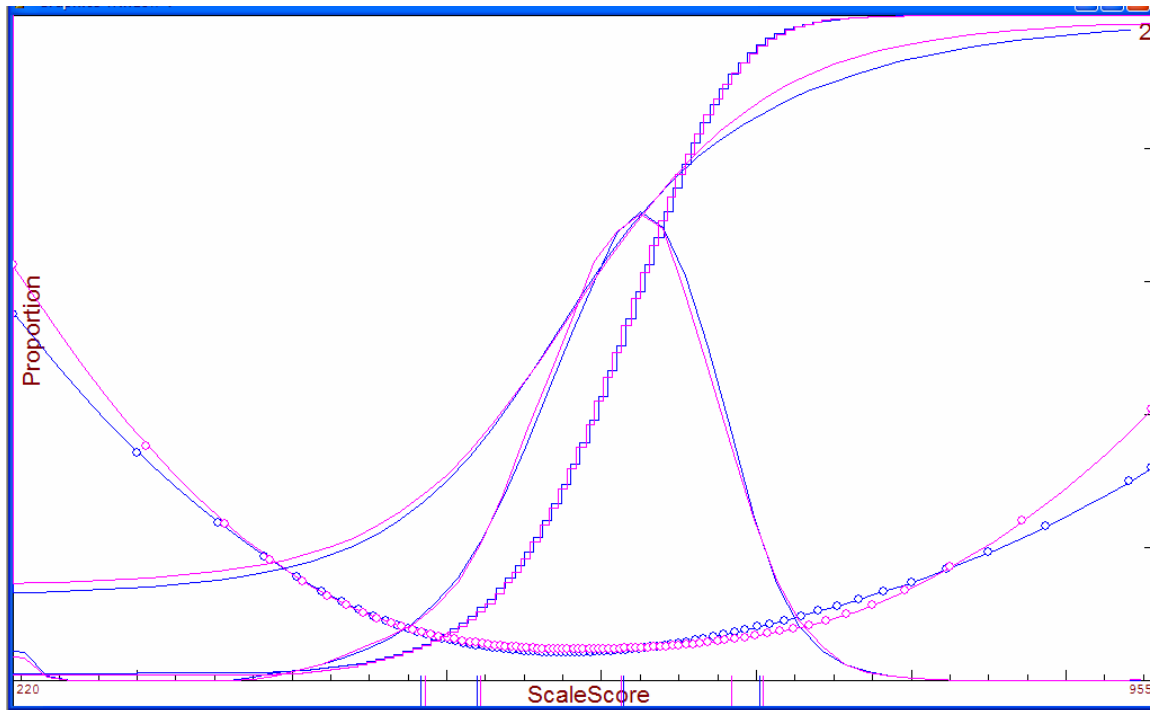
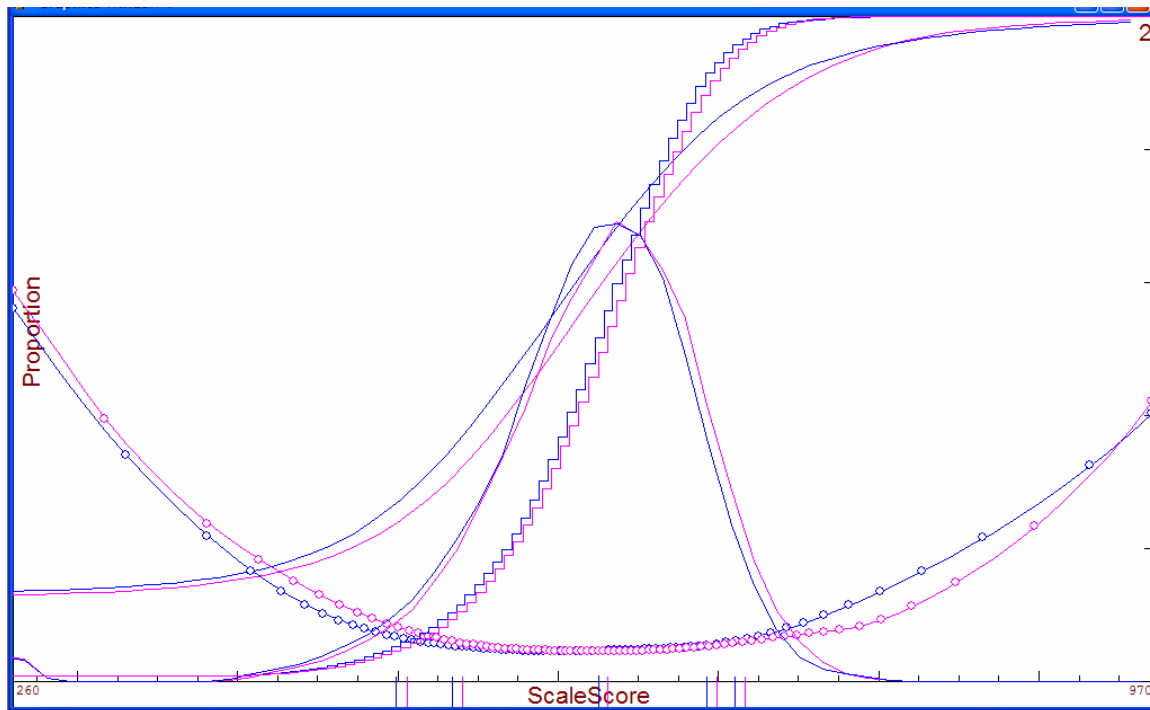
Figure E-18. CSAP Grade 5 Reading Operational Tests (Blue=2006, Pink=2005)**Figure E-19. CSAP Grade 6 Reading Operational Tests (Blue=2006, Pink=2005)**

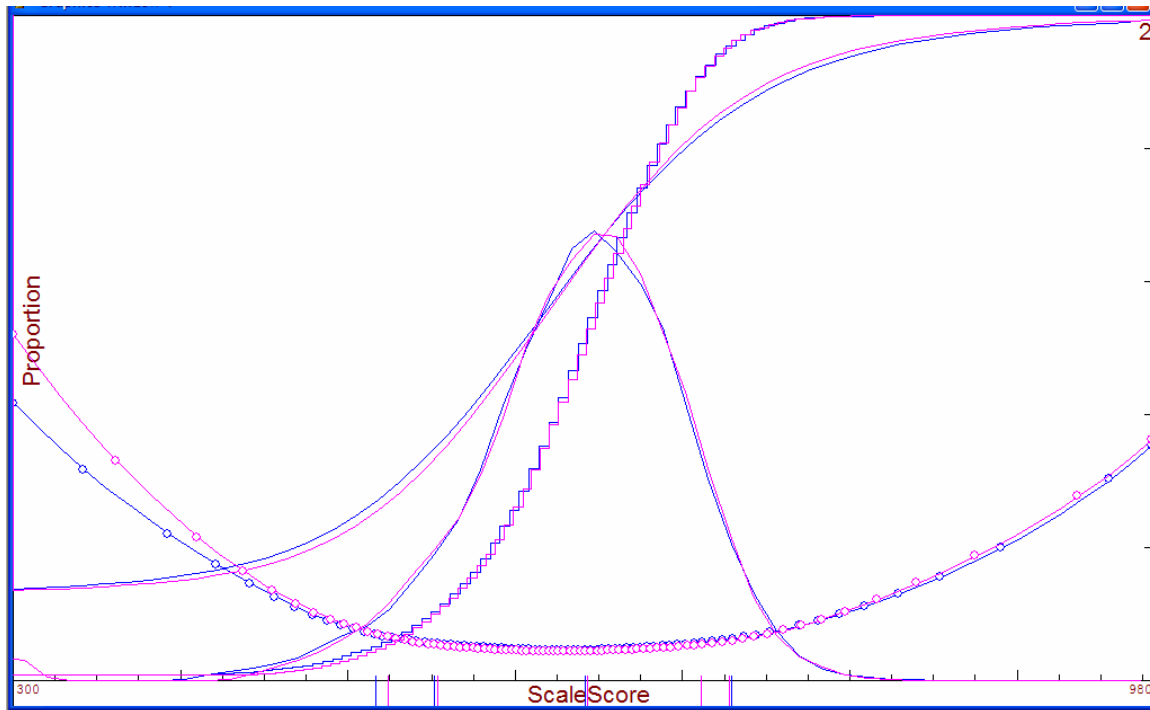
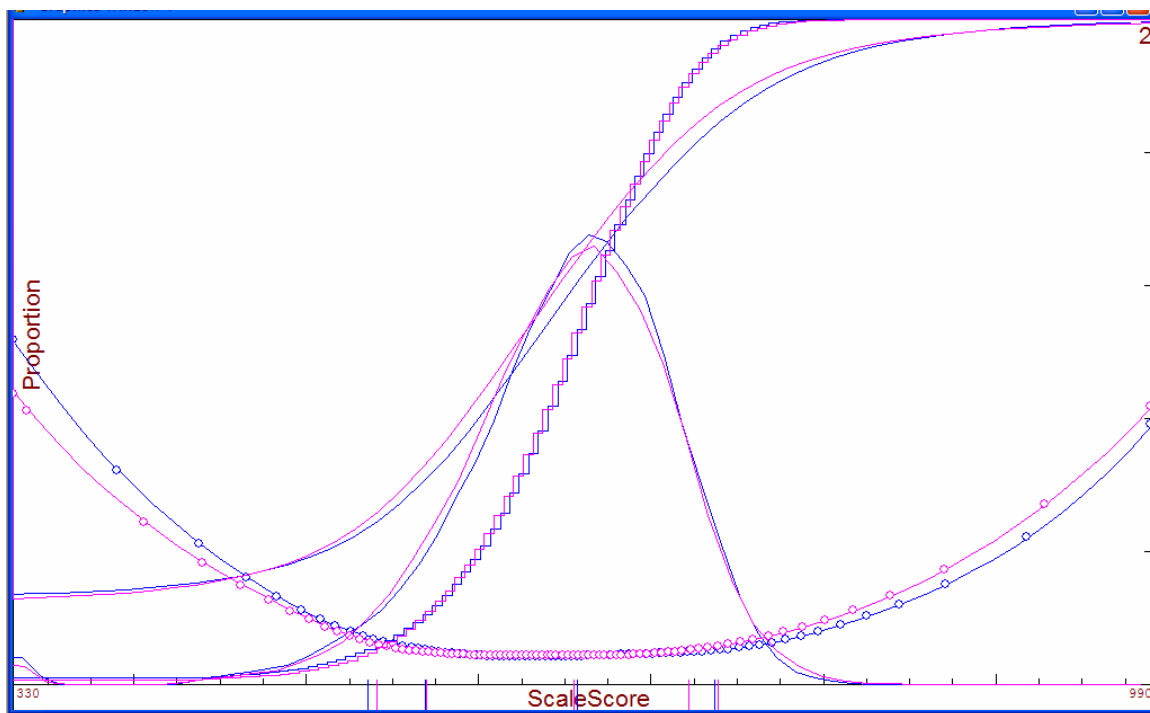
Figure E-20. CSAP Grade 7 Reading Operational Tests (Blue=2006, Pink=2005)**Figure E-21. CSAP Grade 8 Reading Operational Tests (Blue=2006, Pink=2005)**

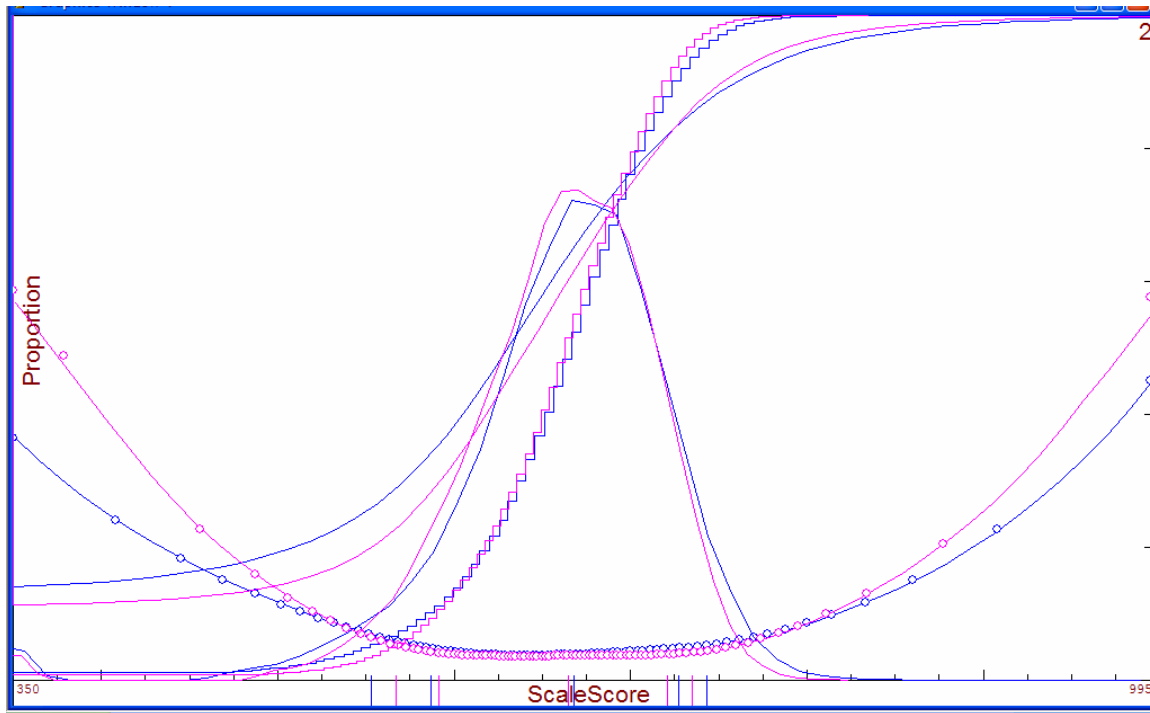
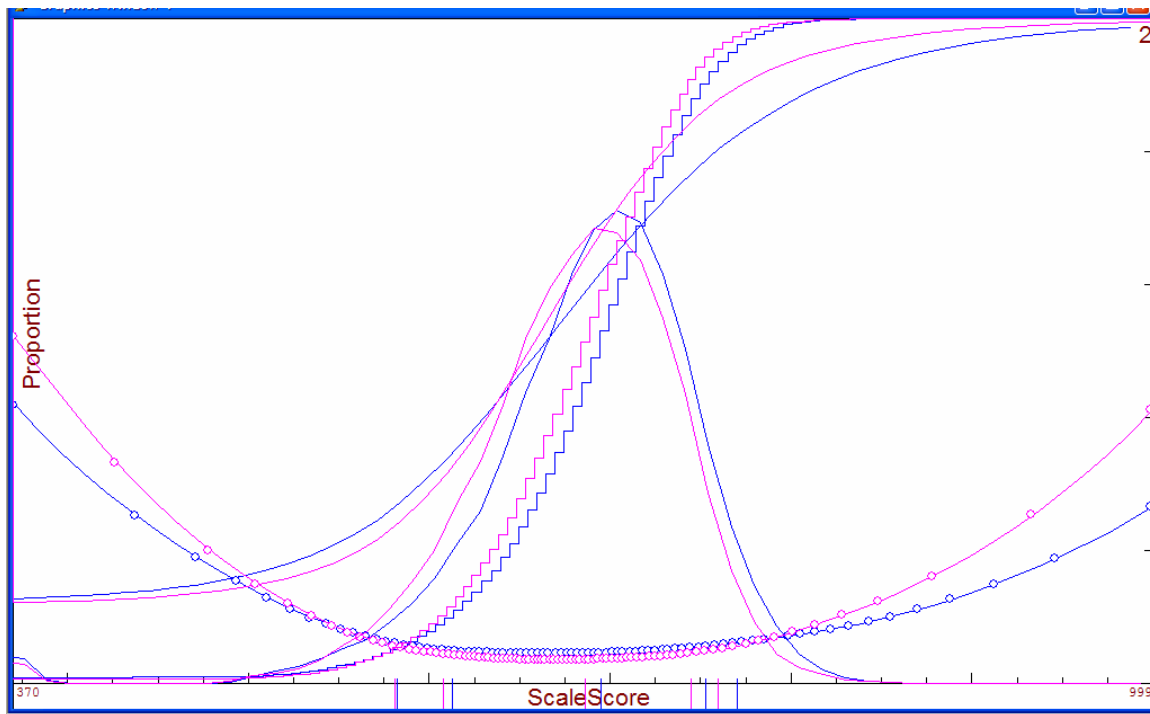
Figure E-22. CSAP Grade 9 Reading Operational Tests (Blue=2006, Pink=2005)**Figure E-23. CSAP Grade 10 Reading Operational Tests (Blue=2006, Pink=2005)**

Figure E-24. CSAP Grade 3 Mathematics Operational Tests (Blue=2006, Pink=2005)
(A) test characteristic curves, (B) standard errors of measurement, (C) test information function, and (D) cumulative frequency distributions for the calibration samples.

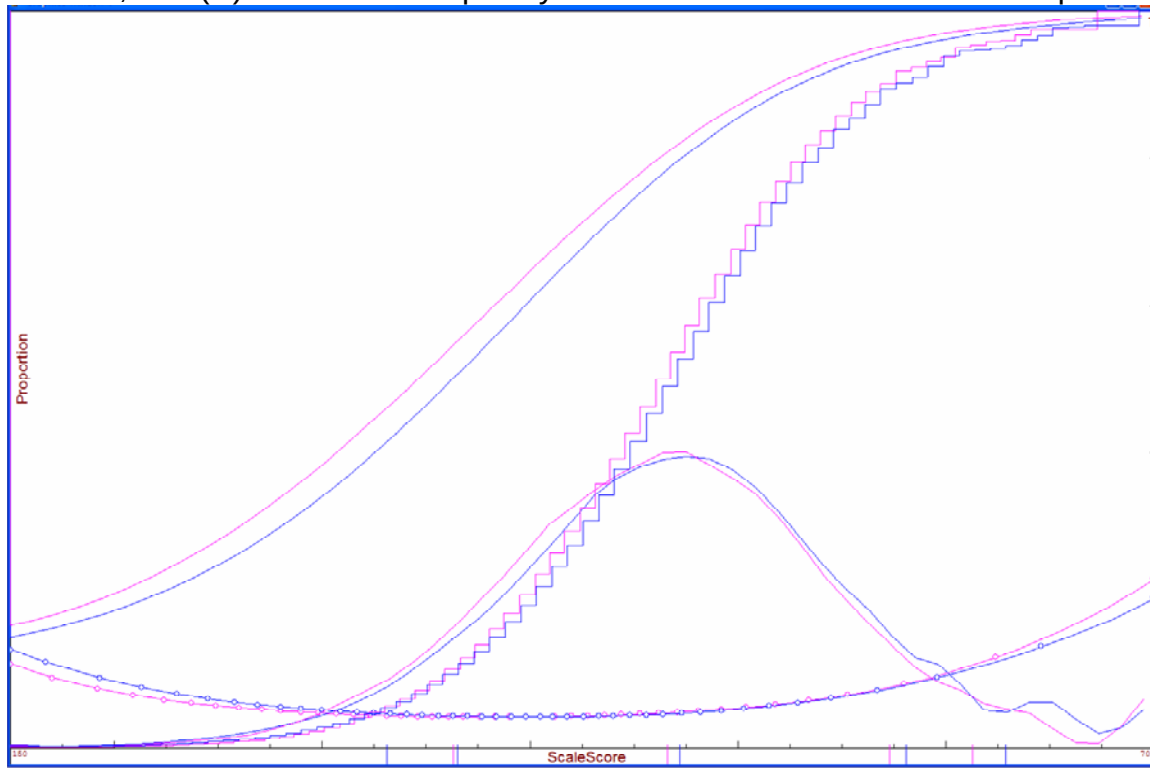


Figure E-25. CSAP Grade 4 Mathematics Operational Tests (Blue=2006, Pink=2005)

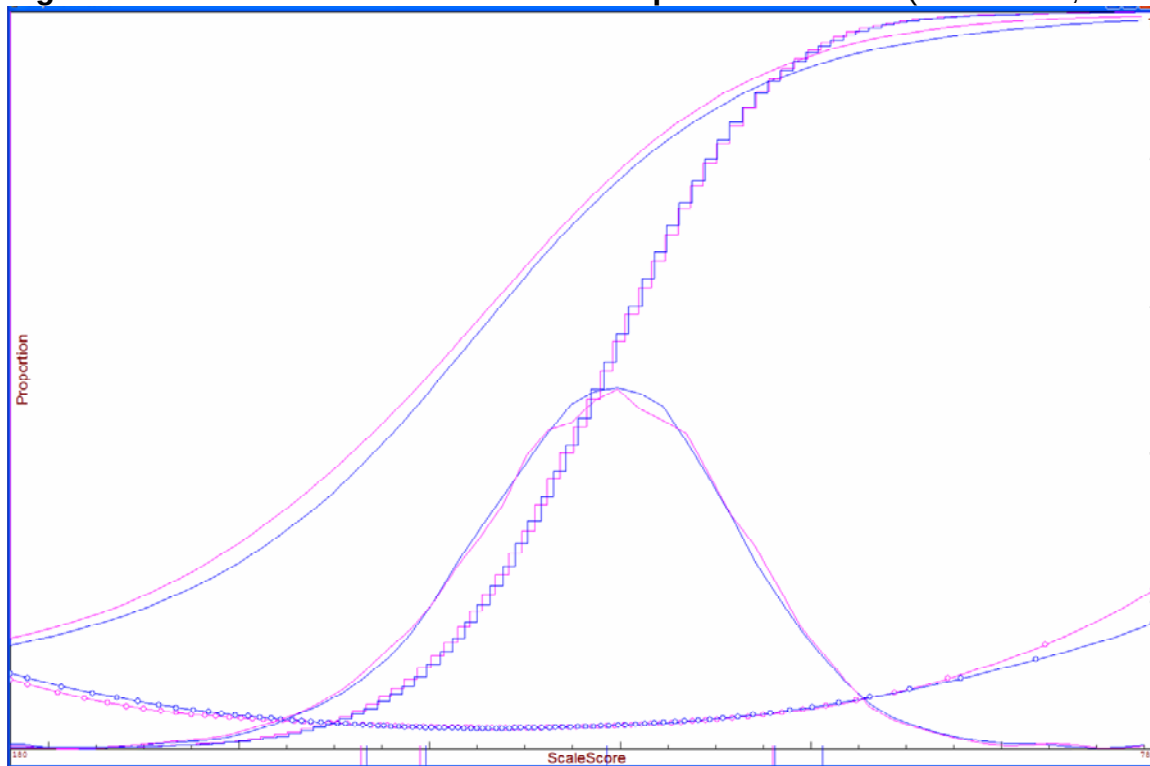


Figure E-26. CSAP Grade 5 Mathematics Operational Tests
(Blue=2006, Pink=2005)

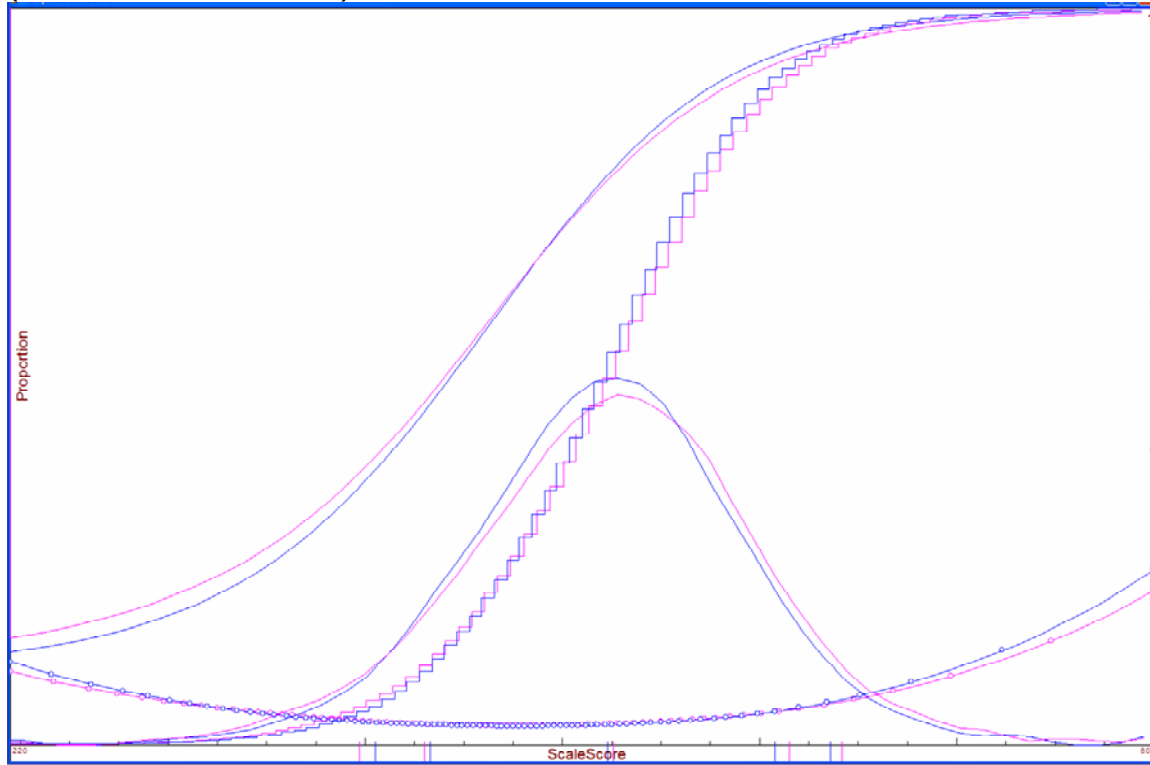


Figure E-27. CSAP Grade 6 Mathematics Operational Tests
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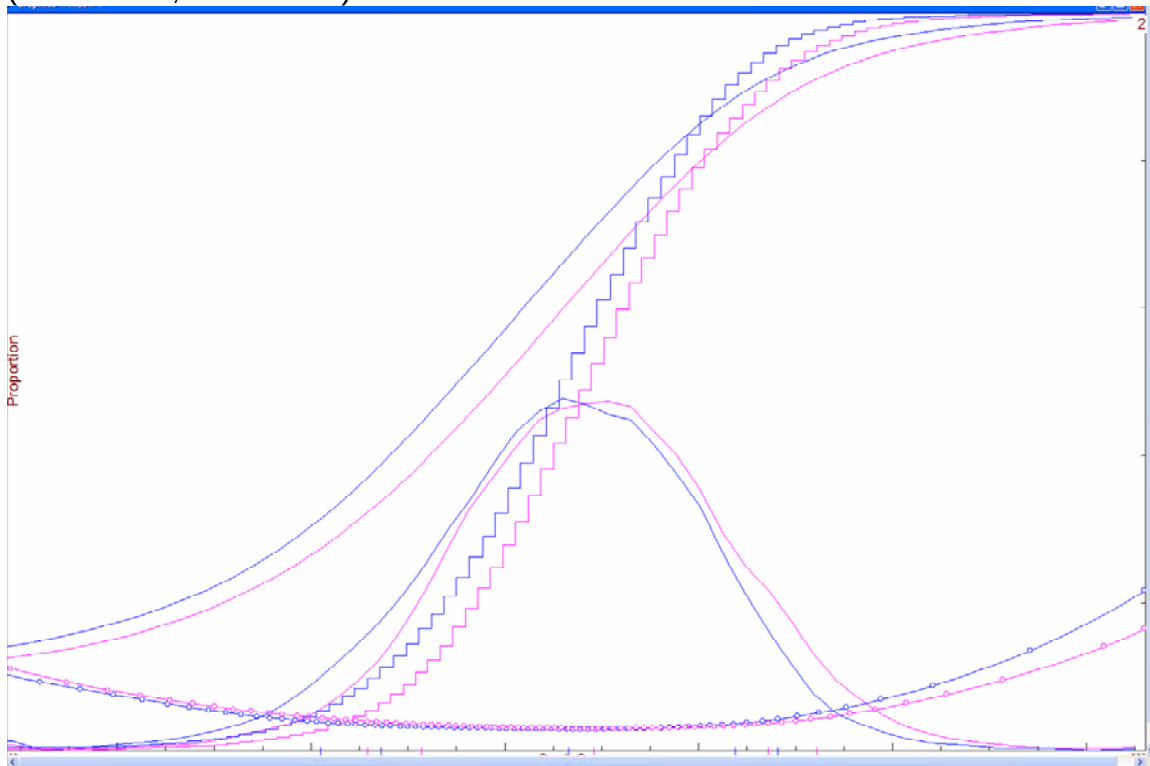


Figure E-28. CSAP Grade 7 Mathematics Operational Tests
(Blue=2006, Pink=2005)

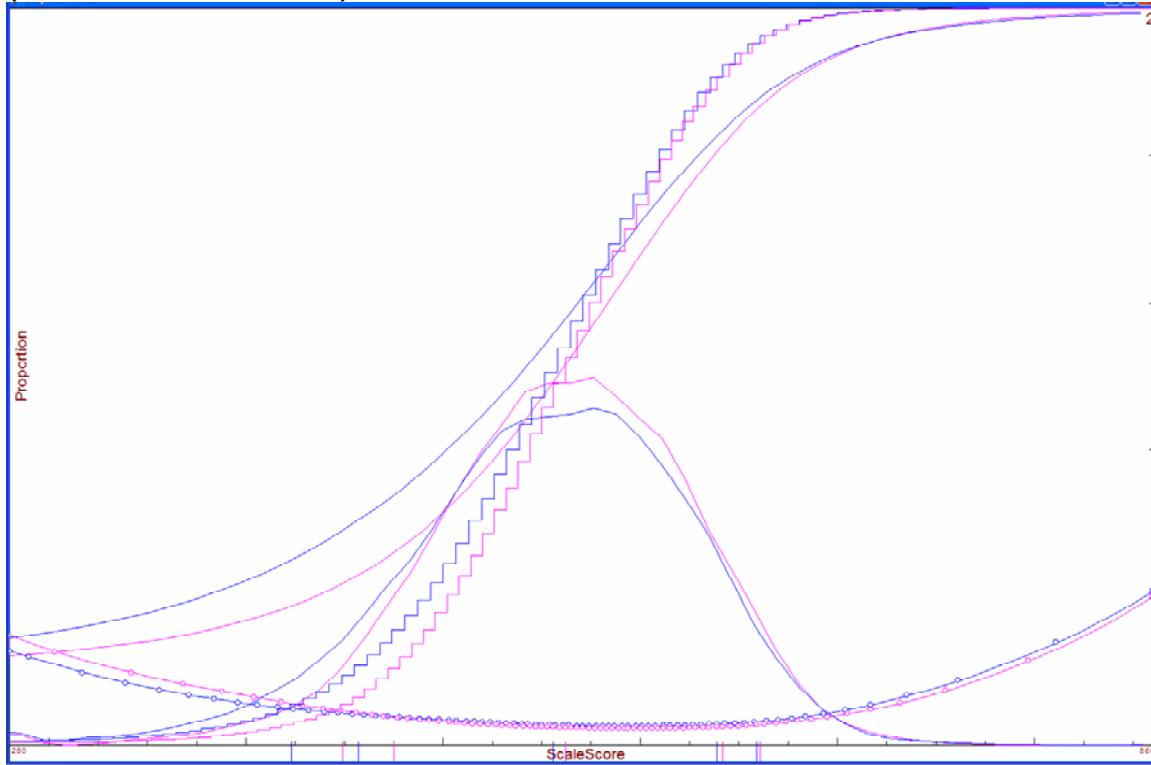


Figure E-29. CSAP Grade 8 Mathematics Operational Tests
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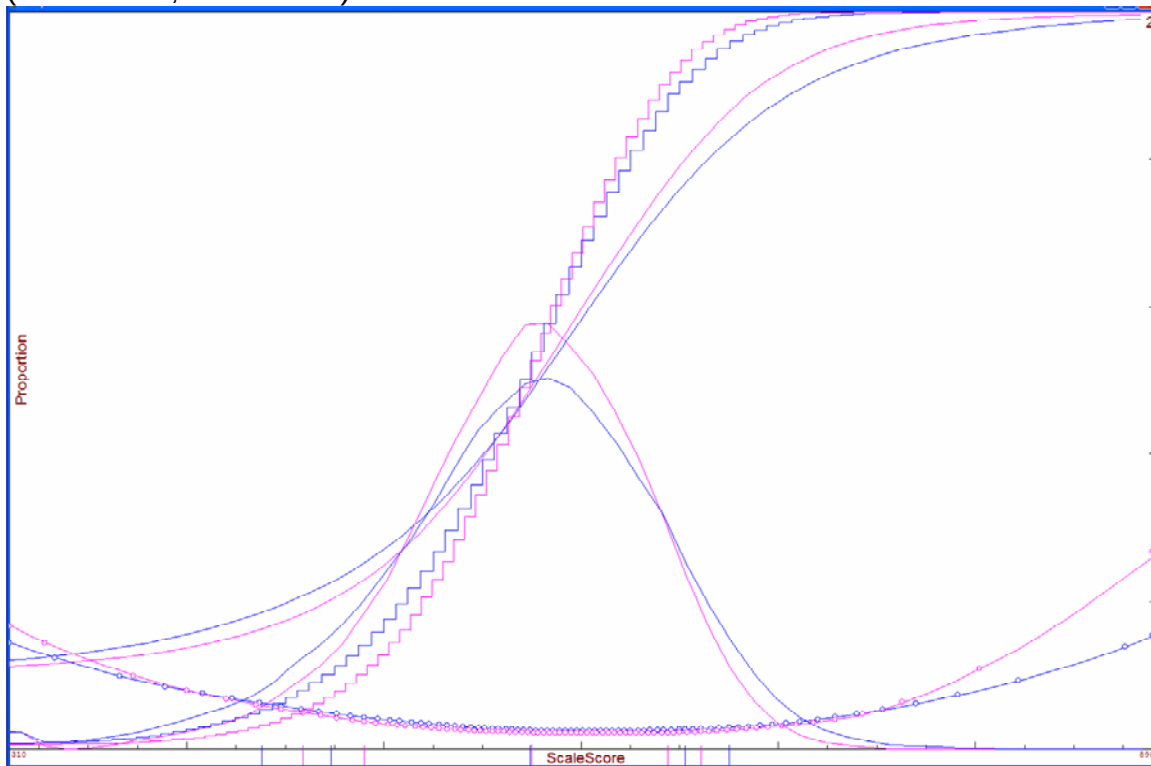


Figure E-30. CSAP Grade 9 Mathematics Operational Tests
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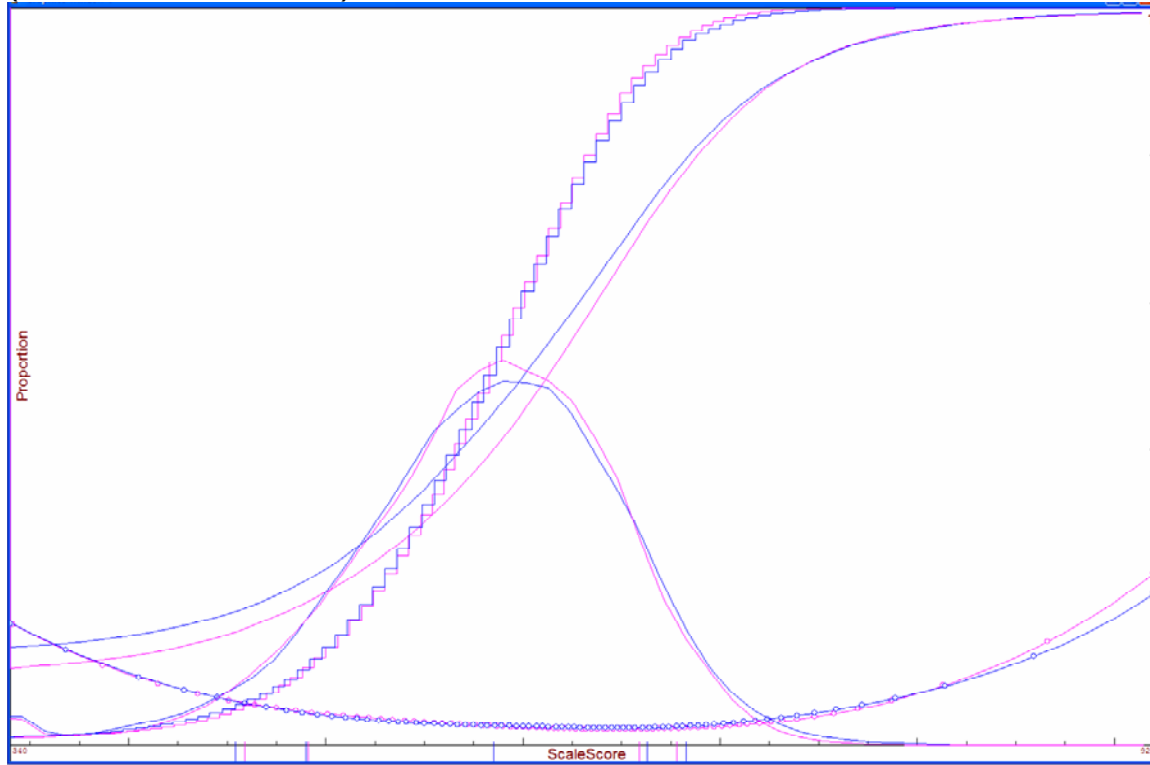


Figure E-31. CSAP Grade 10 Mathematics Operational Tests
(Blue=2006, Pink=2005)

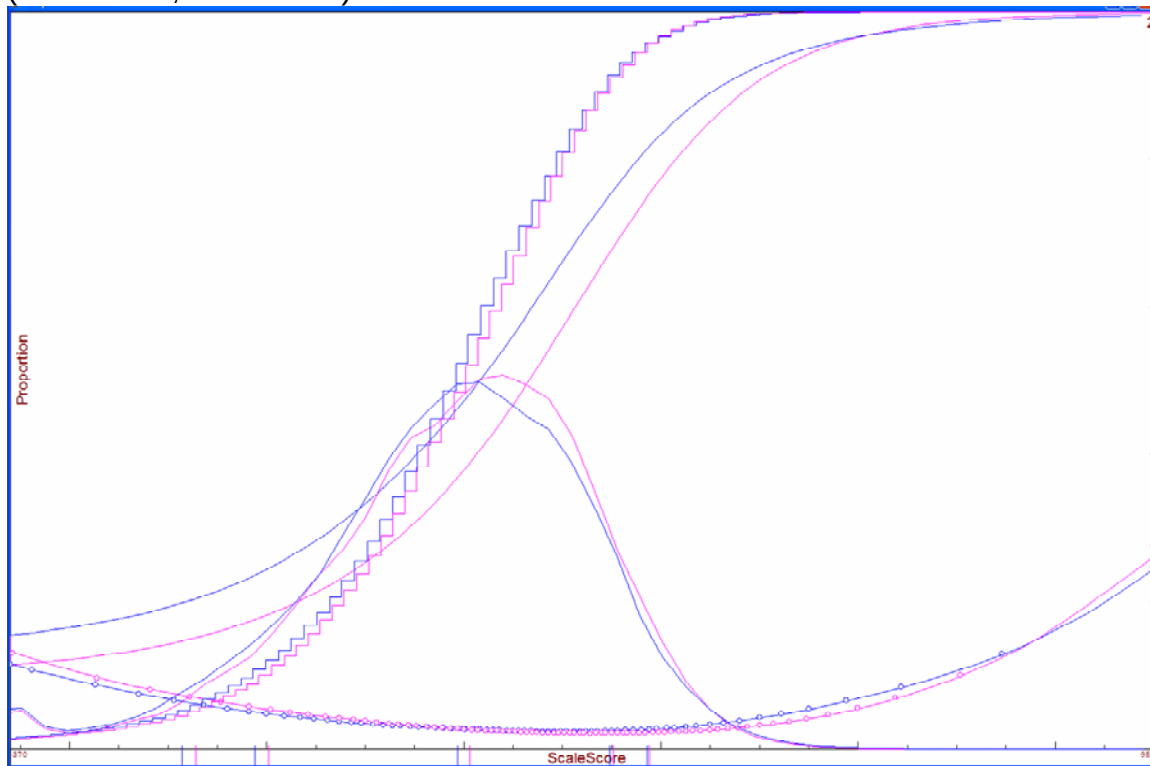


Figure E-32. CSAP Grade 3 Writing Operational Tests (Blue=2006, Pink=2005) (A) test characteristic curves, (B) standard errors of measurement, (C) test information function, and (D) cumulative frequency distributions for the calibration samples.

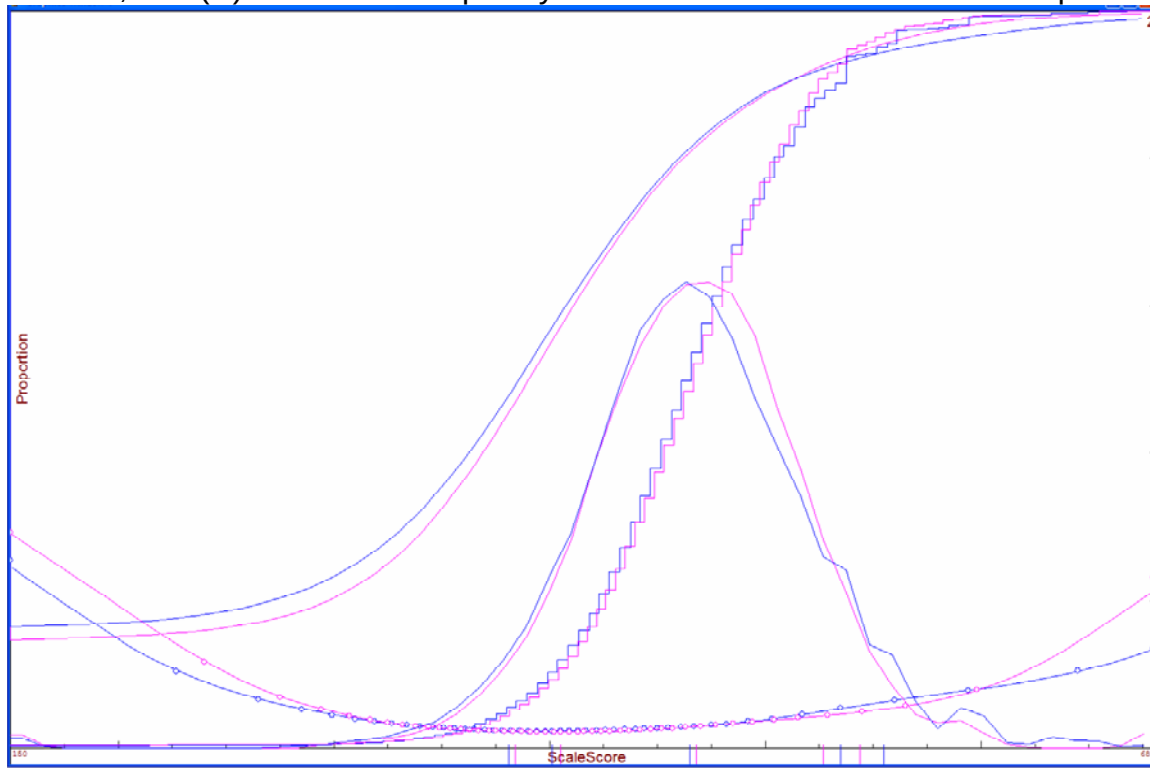


Figure E-33. CSAP Grade 4 Writing Operational Tests (Blue=2006, Pink=2005)

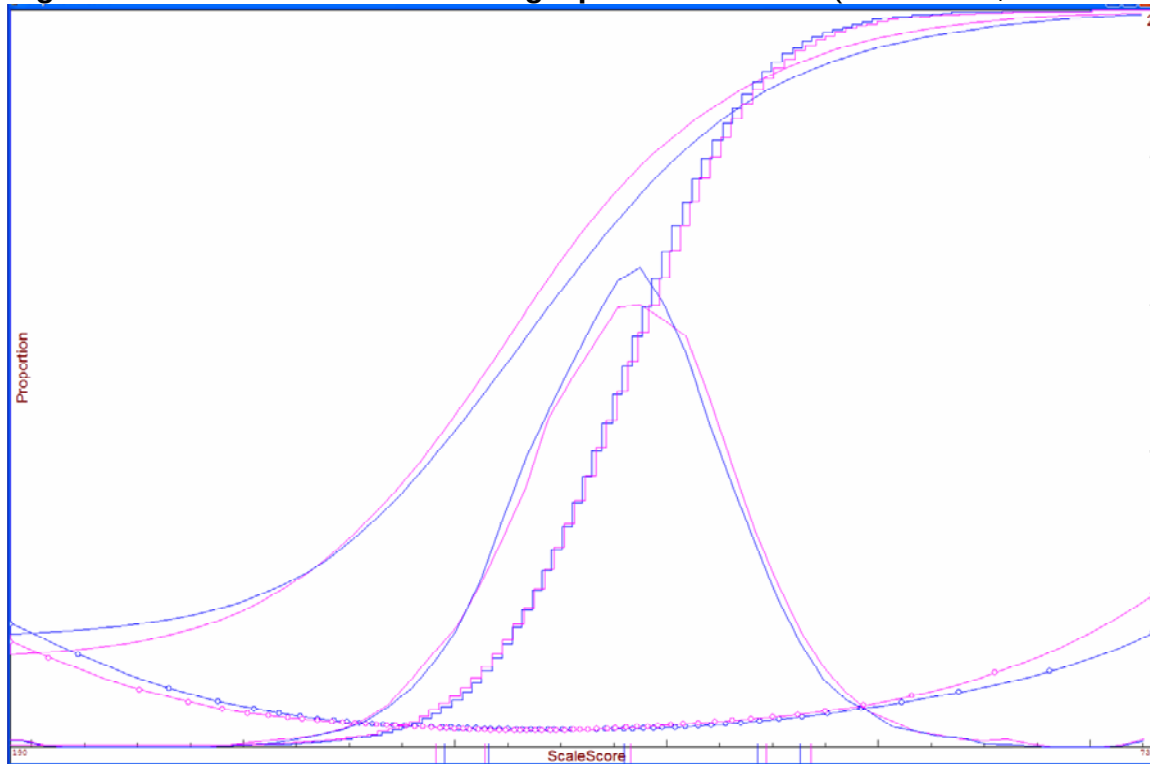


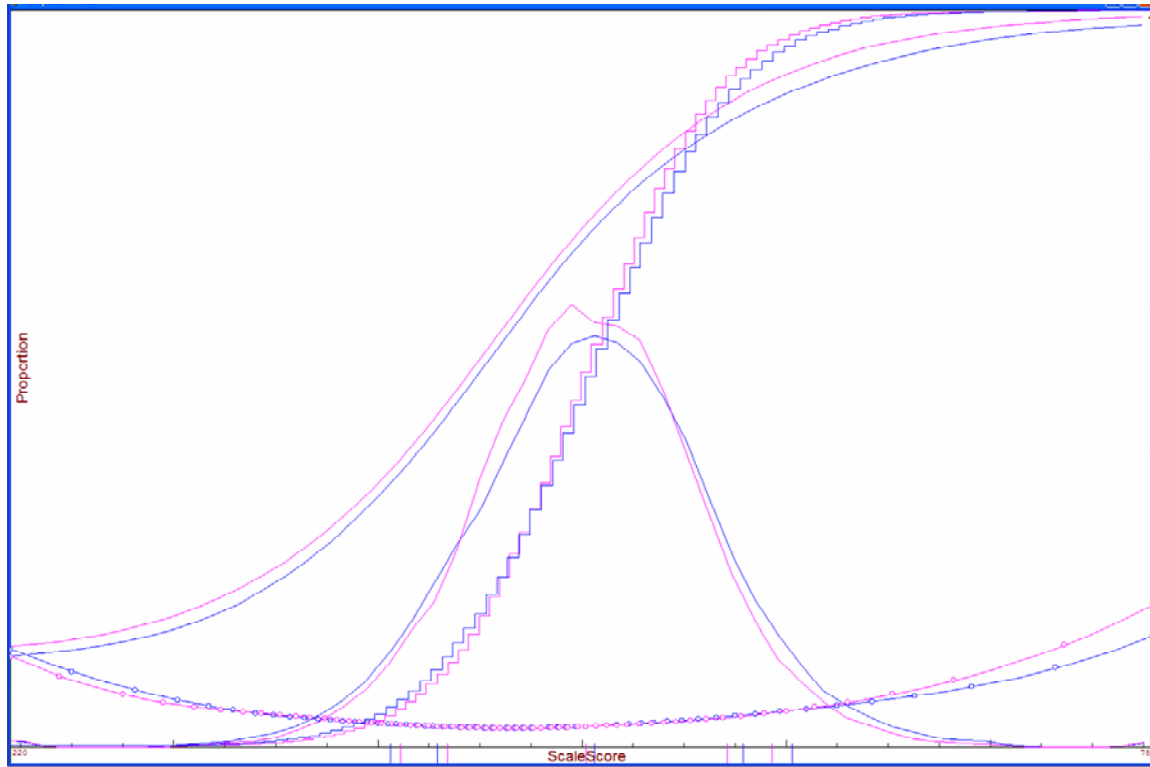
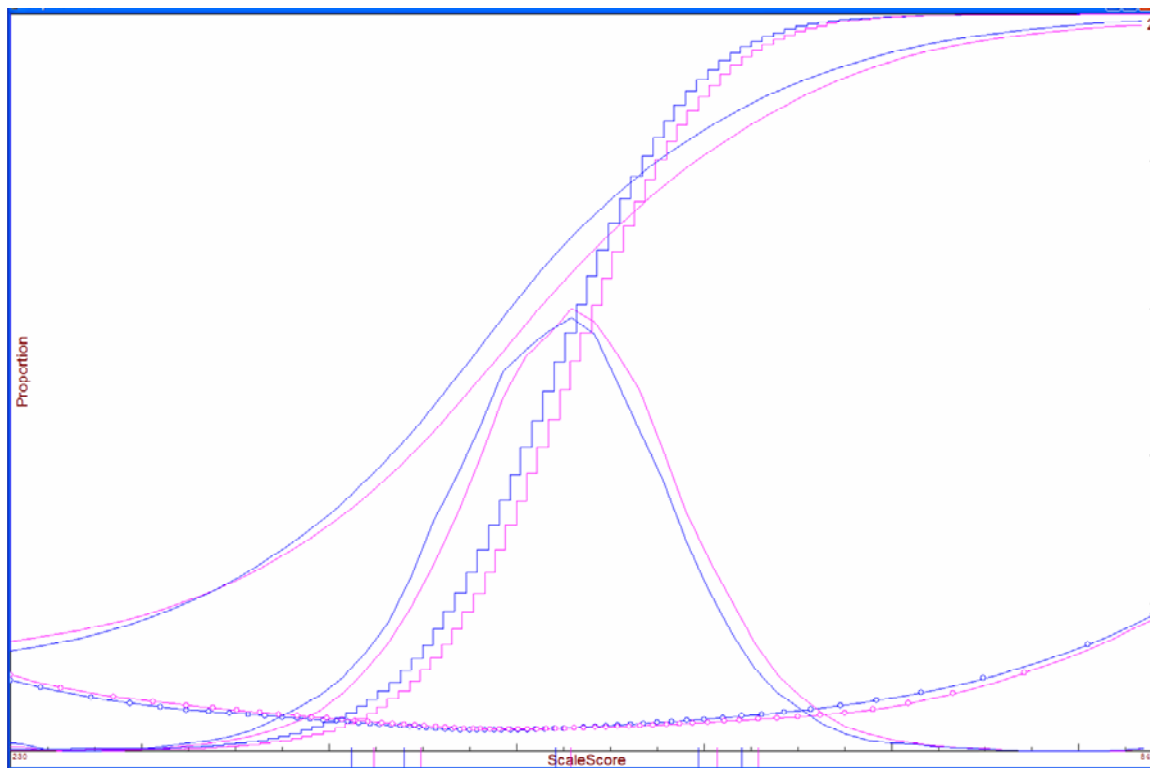
Figure E-34. CSAP Grade 5 Writing Operational Tests (Blue=2006, Pink=2005)**Figure E-35. CSAP Grade 6 Writing Operational Tests (Blue=2006, Pink=2005)**

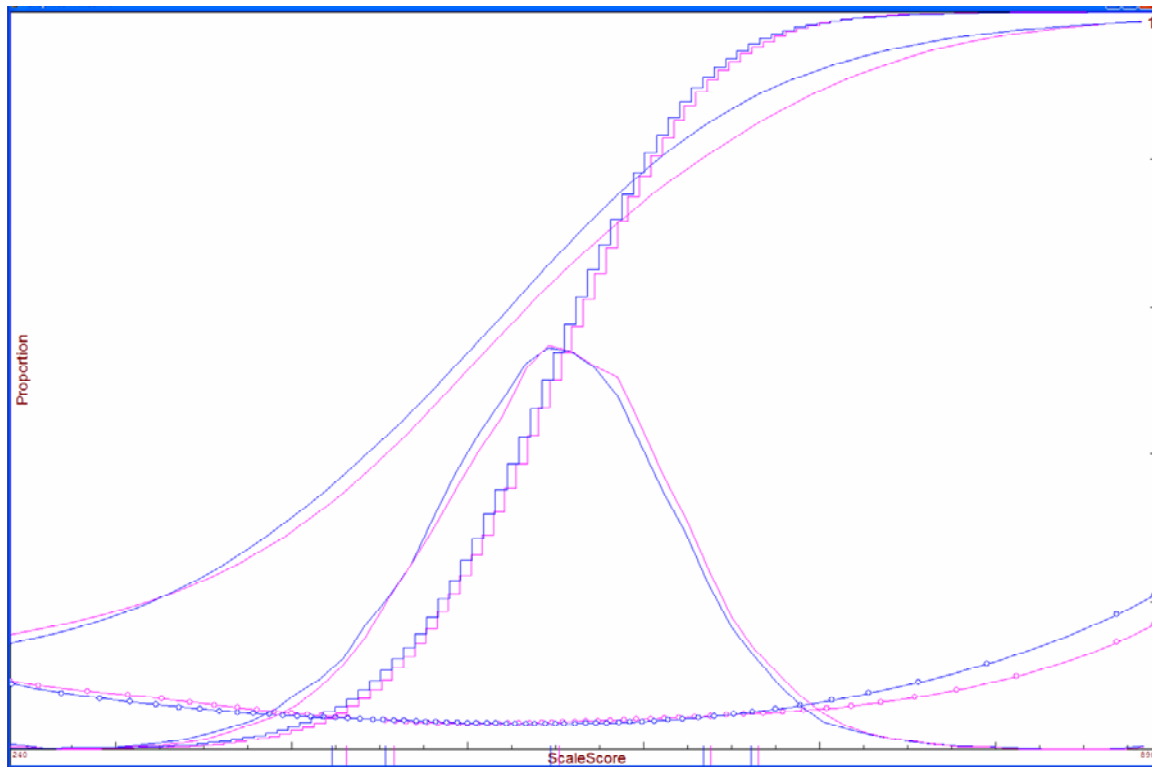
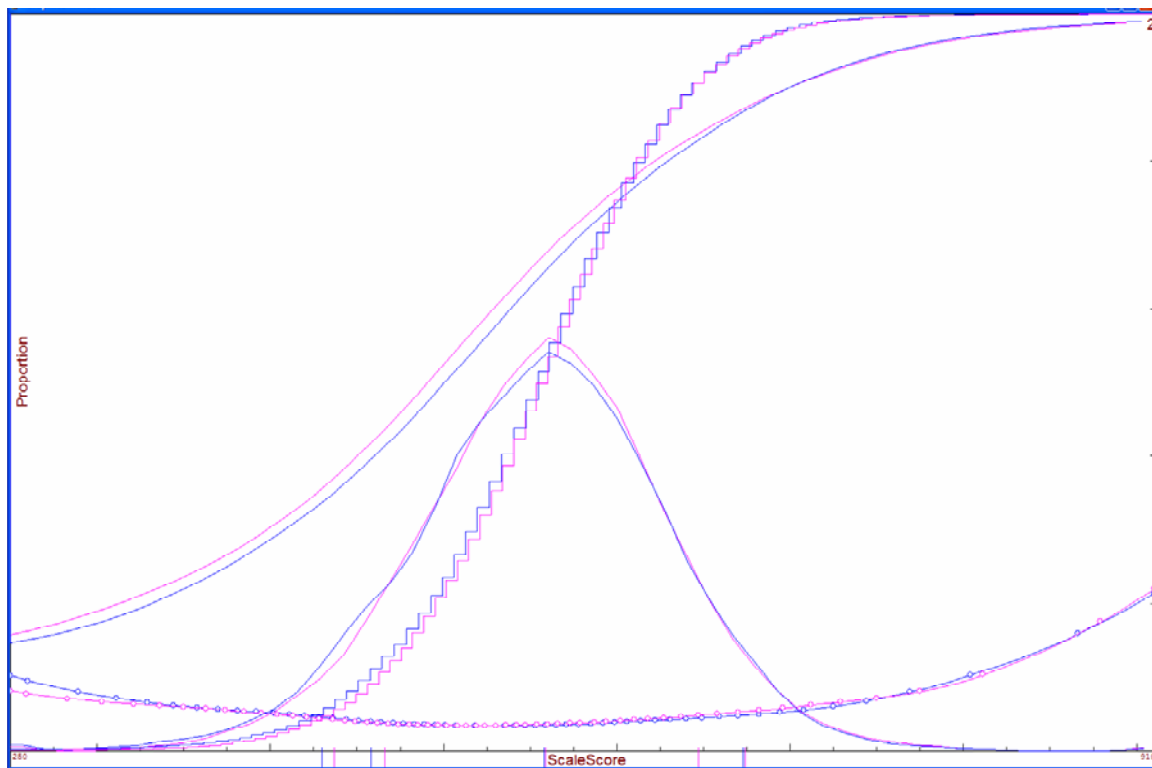
Figure E-36. CSAP Grade 7 Writing Operational Tests (Blue=2006, Pink=2005)**Figure E-37. CSAP Grade 8 Writing Operational Tests (Blue=2006, Pink=2005)**

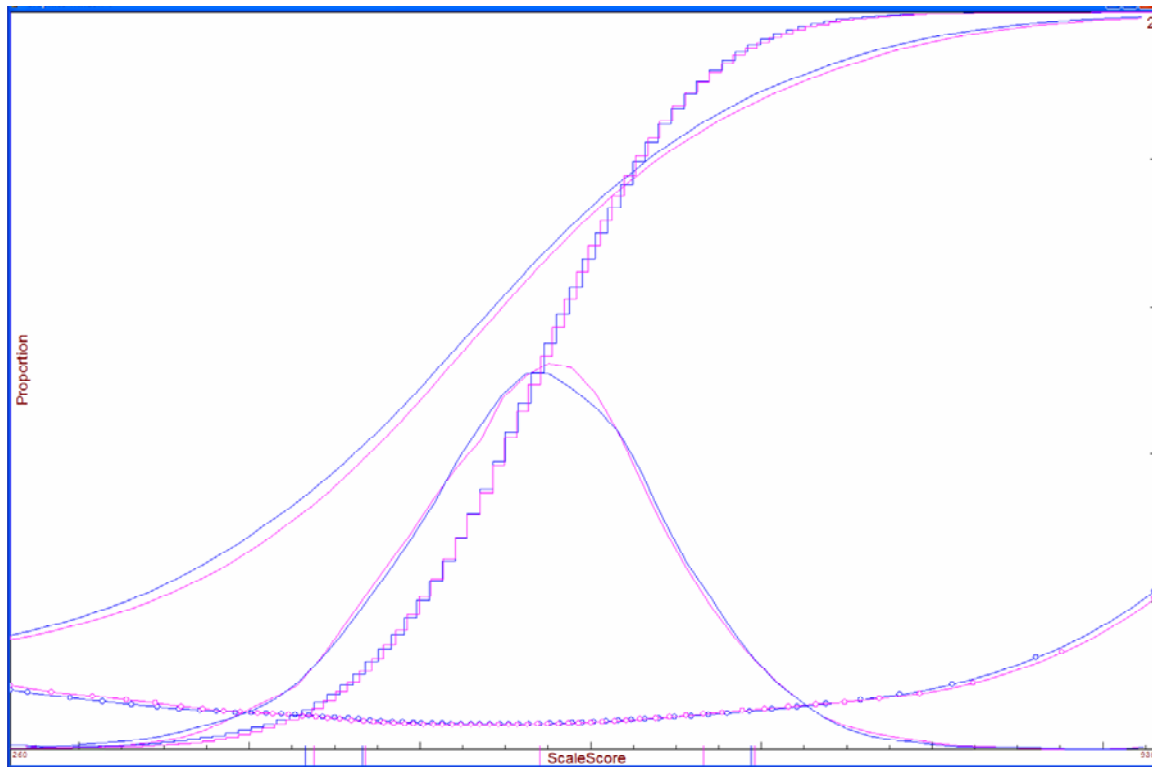
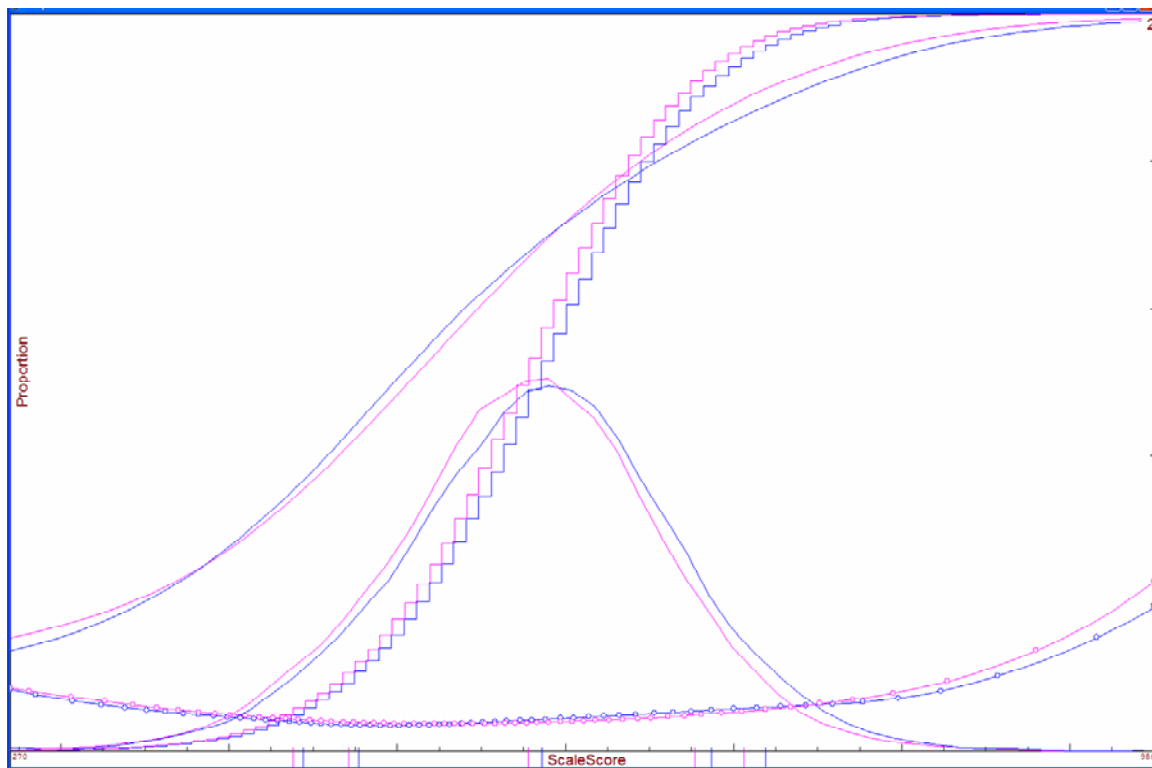
Figure E-38. CSAP Grade 9 Writing Operational Tests (Blue=2006, Pink=2005)**Figure E-39. CSAP Grade 10 Writing Operational Tests (Blue=2006, Pink=2005)**

Figure E-40. CSAP Grade 8 Science Operational Tests (Blue=2006, Pink=2005) (A) test characteristic curves, (B) standard errors of measurement, (C) test information function, and (D) cumulative frequency distributions for the calibration samples.

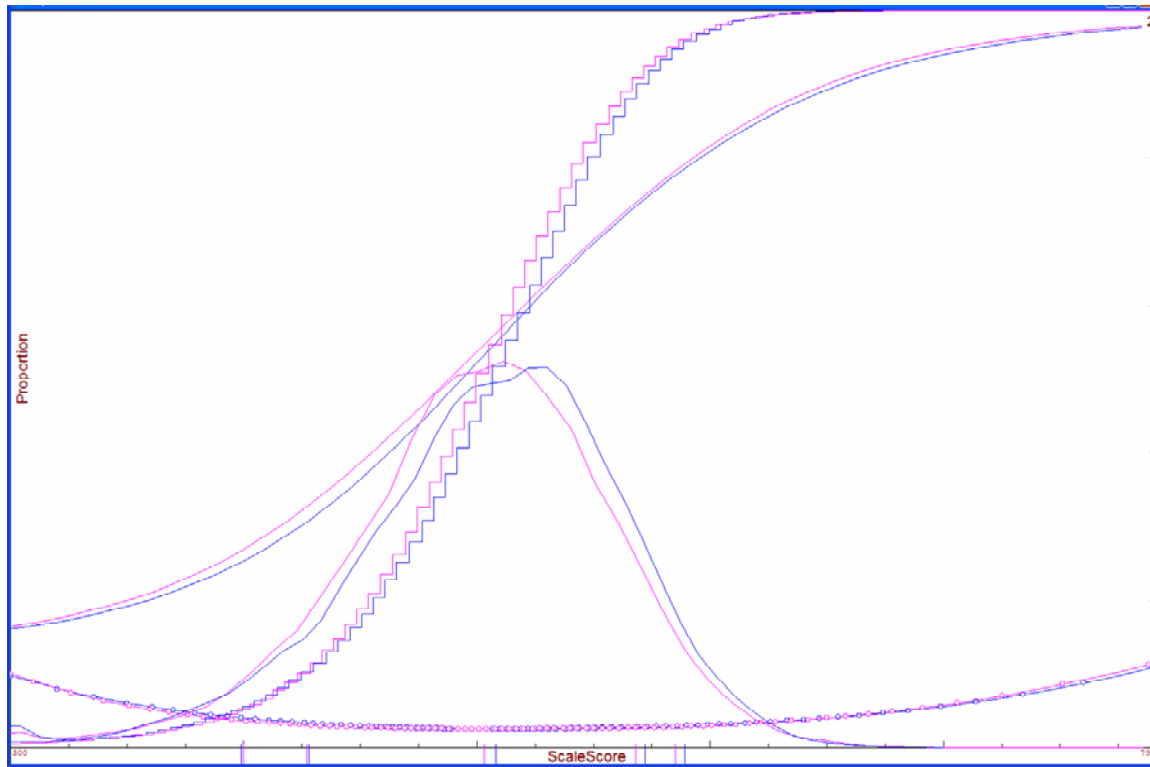


Figure E-41. CSAP Grade 3 Spanish Reading Operational Tests (Blue=2006, Pink=2005) (A) test characteristic curves, (B) standard errors of measurement, (C) test information function, and (D) cumulative frequency distributions for the calibration samples. (note: C&D will be added for the final version)

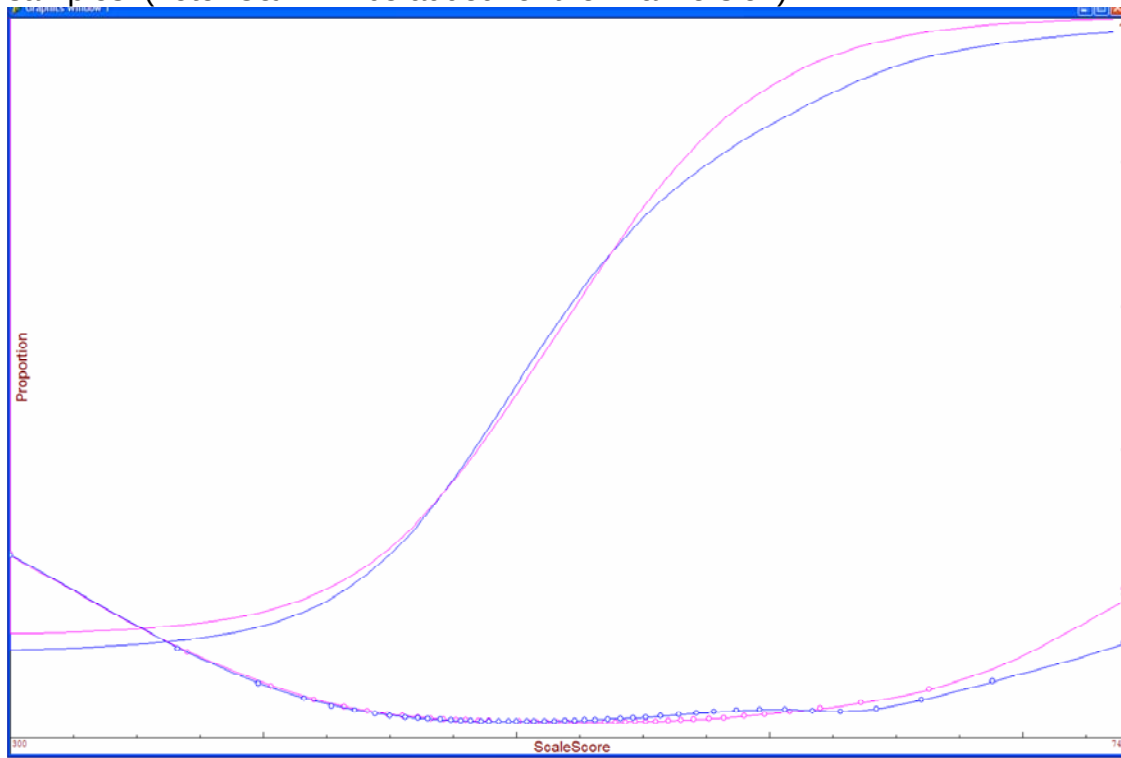


Figure E-42. CSAP Grade 3 Spanish Writing Operational Tests (Blue=2005, Pink=2006 – note colors are reversed for this plot)

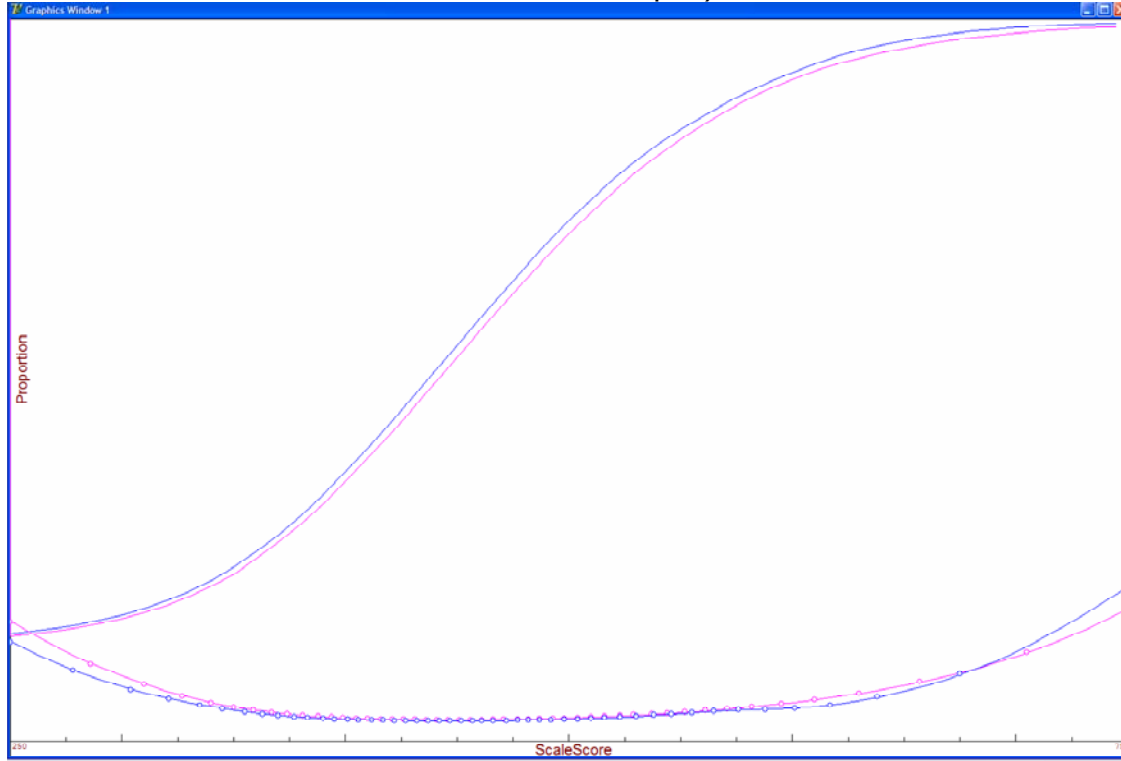


Figure E-43. CSAP Grade 4 Spanish Reading Operational Tests (Blue=2006, Pink=2005)

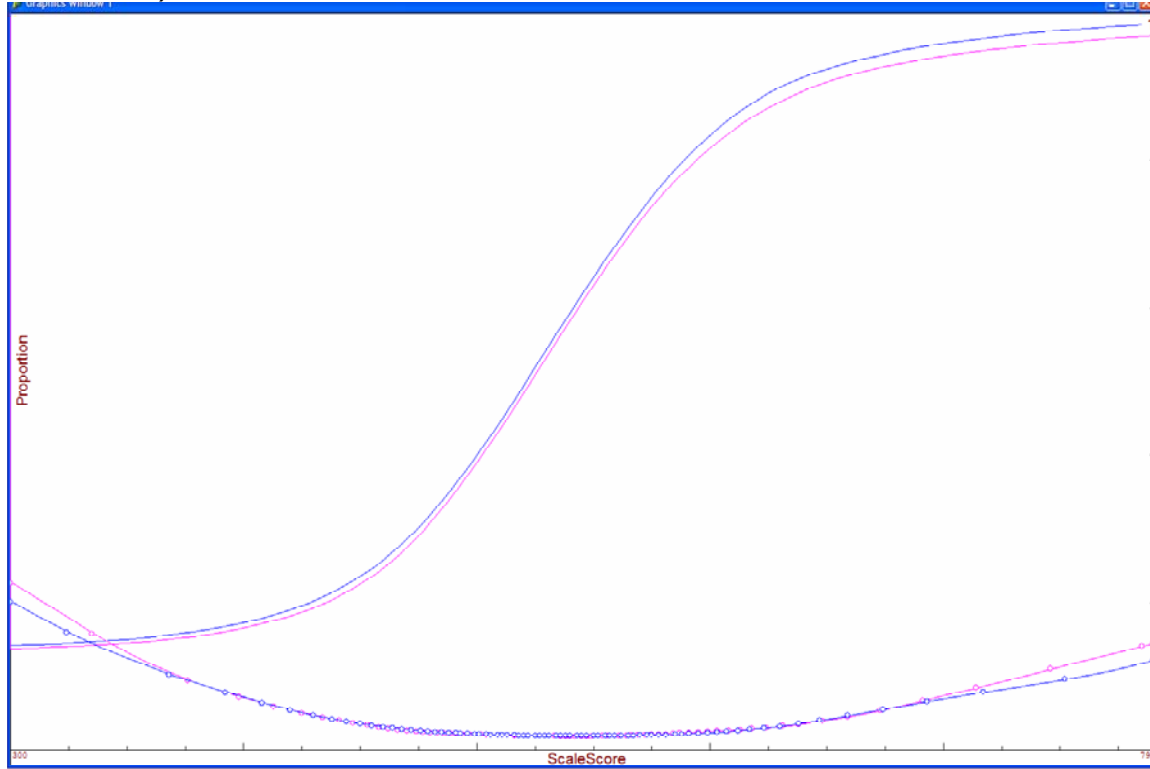


Figure E-44. CSAP Grade 4 Spanish Writing Operational Tests (Blue=2006, Pink=2005)

