

Figures

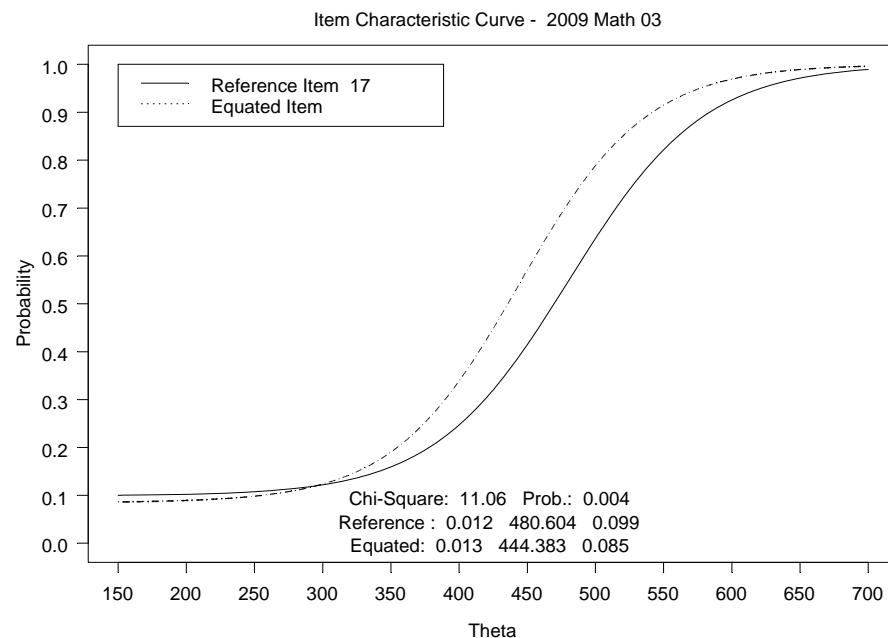
Figure 1. Item Characteristic Curves for Mathematics Grade 3 Anchor Item 17 Unanchored from the Equating of the Operational Test	493
Figure 2. Item Characteristic Curves for Reading Grade 4 Anchor Item 26, RWO 23 Unanchored from the Equating of the Operational Test	494
Figure 3. CSAP Grade 3 Reading Operational Tests	495
Figure 4. CSAP Grade 4 Reading Operational Tests	496
Figure 5. CSAP Grade 5 Reading Operational Tests	497
Figure 6. CSAP Grade 6 Reading Operational Tests	498
Figure 7. CSAP Grade 7 Reading Operational Tests	499
Figure 8. CSAP Grade 8 Reading Operational Tests	500
Figure 9. CSAP Grade 9 Reading Operational Tests	501
Figure 10. CSAP Grade 10 Reading Operational Tests	502
Figure 11. CSAP Grade 3 Writing Operational Tests	503
Figure 12. CSAP Grade 4 Writing Operational Tests	504
Figure 13. CSAP Grade 5 Writing Operational Tests	505
Figure 14. CSAP Grade 6 Writing Operational Tests	506
Figure 15. CSAP Grade 7 Writing Operational Tests	507
Figure 16. CSAP Grade 8 Writing Operational Tests	508
Figure 17. CSAP Grade 9 Writing Operational Tests	509
Figure 18. CSAP Grade 10 Writing Operational Tests	510
Figure 19. CSAP Grade 3 Mathematics Operational Tests	511
Figure 20. CSAP Grade 4 Mathematics Operational Tests	512
Figure 21. CSAP Grade 5 Mathematics Operational Tests	513
Figure 22. CSAP Grade 6 Mathematics Operational Tests	514
Figure 23. CSAP Grade 7 Mathematics Operational Tests	515
Figure 24. CSAP Grade 8 Mathematics Operational Tests	516
Figure 25. CSAP Grade 9 Mathematics Operational Tests	517
Figure 26. CSAP Grade 10 Mathematics Operational Tests	518
Figure 27. CSAP Grade 5 Science Operational Tests	519
Figure 28. CSAP Grade 8 Science Operational Tests	520
Figure 29. CSAP Grade 10 Science Operational Tests	521
Figure 30. CSAP Grade 3 Spanish Reading Operational Tests	522
Figure 31. CSAP Grade 4 Spanish Reading Operational Tests	523
Figure 32. CSAP Grade 3 Spanish Writing Operational Tests	524
Figure 33. CSAP Grade 4 Spanish Writing Operational Tests	525
Figure 34. Reading 3 Scale Score Distributions for the Total Population, Female, and Male Students	526
Figure 35. Spanish Reading 3 Scale Score Distributions for the Total Population, Female, and Male Students	527
Figure 36. Writing 3 Scale Score Distributions for the Total Population, Female, and Male Students	528
Figure 37. Spanish Writing 3 Scale Score Distributions for the Total Population, Female, and Male Students	529

Figure 38. Mathematics 3 Scale Score Distributions for the Total Population, Female, and Male Students	530
Figure 39. Reading 4 Scale Score Distributions for the Total Population, Female, and Male Students	531
Figure 40. Spanish Reading 4 Scale Score Distributions for the Total Population, Female, and Male Students	532
Figure 41. Writing 4 Scale Score Distributions for the Total Population, Female, and Male Students	533
Figure 42. Spanish Writing 4 Scale Score Distributions for the Total Population, Female, and Male Students	534
Figure 43. Mathematics 4 Scale Score Distributions for the Total Population, Female, and Male Students	535
Figure 44. Reading 5 Scale Score Distributions for the Total Population, Female, and Male Students	536
Figure 45. Writing 5 Scale Score Distributions for the Total Population, Female, and Male Students	537
Figure 46. Mathematics 5 Scale Score Distributions for the Total Population, Female, and Male Students	538
Figure 47. Science 5 Scale Score Distributions for the Total Population, Female, and Male Students	539
Figure 48. Reading 6 Scale Score Distributions for the Total Population, Female, and Male Students	540
Figure 49. Writing 6 Scale Score Distributions for the Total Population, Female, and Male Students	541
Figure 50. Mathematics 6 Scale Score Distributions for the Total Population, Female, and Male Students	542
Figure 51. Reading 7 Scale Score Distributions for the Total Population, Female, and Male Students	543
Figure 52. Writing 7 Scale Score Distributions for the Total Population, Female, and Male Students	544
Figure 53. Mathematics 7 Scale Score Distributions for the Total Population, Female, and Male Students	545
Figure 54. Reading 8 Scale Score Distributions for the Total Population, Female, and Male Students	546
Figure 55. Writing 8 Scale Score Distributions for the Total Population, Female, and Male Students	547
Figure 56. Mathematics 8 Scale Score Distributions for the Total Population, Female, and Male Students	548
Figure 57. Science 8 Scale Score Distributions for the Total Population, Female, and Male Students	549
Figure 58. Reading 9 Scale Score Distributions for the Total Population, Female, and Male Students	550
Figure 59. Writing 9 Scale Score Distributions for the Total Population, Female, and Male Students	551
Figure 60. Mathematics 9 Scale Score Distributions for the Total Population, Female, and Male Students	552

Figure 61. Reading 10 Scale Score Distributions for the Total Population, Female, and Male Students	553
Figure 62. Writing 10 Scale Score Distributions for the Total Population, Female, and Male Students	554
Figure 63. Mathematics 10 Scale Score Distributions for the Total Population, Female, and Male Students	555
Figure 64. Science 10 Scale Score Distributions for the Total Population, Female, and Male Students	556
Figure 65a. Eigenvalues for CSAP Reading Grade 3	557
Figure 65b. Proportion of Variance by Factor for CSAP Reading Grade 3.....	557
Figure 66a. Eigenvalues for CSAP Spanish Reading Grade 3.....	558
Figure 66b. Proportion of Variance by Factor for CSAP Spanish Reading Grade 3....	558
Figure 67a. Eigenvalues for CSAP Reading Grade 4	559
Figure 67b. Proportion of Variance by Factor for CSAP Reading Grade 4.....	559
Figure 68a. Eigenvalues for CSAP Spanish Reading Grade 4.....	560
Figure 68b. Proportion of Variance by Factor for CSAP Spanish Reading Grade 4....	560
Figure 69a. Eigenvalues for CSAP Reading Grade 5	561
Figure 69b. Proportion of Variance by Factor for CSAP Reading Grade 5.....	561
Figure 70a. Eigenvalues for CSAP Reading Grade 6	562
Figure 70b. Proportion of Variance by Factor for CSAP Reading Grade 6.....	562
Figure 71a. Eigenvalues for CSAP Reading Grade 7	563
Figure 71b. Proportion of Variance by Factor for CSAP Reading Grade 7.....	563
Figure 72a. Eigenvalues for CSAP Reading Grade 8	564
Figure 72b. Proportion of Variance by Factor for CSAP Reading Grade 8.....	564
Figure 73a. Eigenvalues for CSAP Reading Grade 9	565
Figure 73b. Proportion of Variance by Factor for CSAP Reading Grade 9.....	565
Figure 74a. Eigenvalues for CSAP Reading Grade 10	566
Figure 74b. Proportion of Variance by Factor for CSAP Reading Grade 10.....	566
Figure 75a. Eigenvalues for CSAP Writing Grade 3.....	567
Figure 75b. Proportion of Variance by Factor for CSAP Writing Grade 3.....	567
Figure 76a. Eigenvalues for CSAP Spanish Writing Grade 3.....	568
Figure 76b. Proportion of Variance by Factor for CSAP Spanish Writing Grade 3.....	568
Figure 77a. Eigenvalues for CSAP Writing Grade 4.....	569
Figure 77b. Proportion of Variance by Factor for CSAP Writing Grade 4.....	569
Figure 78a. Eigenvalues for CSAP Spanish Writing Grade 4	570
Figure 78b. Proportion of Variance by Factor for CSAP Spanish Writing Grade 4.....	570
Figure 79a. Eigenvalues for CSAP Writing Grade 5.....	571
Figure 79b. Proportion of Variance by Factor for CSAP Writing Grade 5.....	571
Figure 80a. Eigenvalues for CSAP Writing Grade 6.....	572
Figure 80b. Proportion of Variance by Factor for CSAP Writing Grade 6.....	572
Figure 81a. Eigenvalues for CSAP Writing Grade 7	573
Figure 81b. Proportion of Variance by Factor for CSAP Writing Grade 7	573
Figure 82a. Eigenvalues for CSAP Writing Grade 8.....	574
Figure 82b. Proportion of Variance by Factor for CSAP Writing Grade 8.....	574
Figure 83a. Eigenvalues for CSAP Writing Grade 9.....	575
Figure 83b. Proportion of Variance by Factor for CSAP Writing Grade 9.....	575

Figure 84a. Eigenvalues for CSAP Writing Grade 10.....	576
Figure 84b. Proportion of Variance by Factor for CSAP Writing Grade 10.....	576
Figure 85a. Eigenvalues for CSAP Mathematics Grade 3.....	577
Figure 85b. Proportion of Variance by Factor for CSAP Mathematics Grade 3.....	577
Figure 86a. Eigenvalues for CSAP Mathematics Grade 4.....	578
Figure 86b. Proportion of Variance by Factor for CSAP Mathematics Grade 4.....	578
Figure 87a. Eigenvalues for CSAP Mathematics Grade 5.....	579
Figure 87b. Proportion of Variance by Factor for CSAP Mathematics Grade 5.....	579
Figure 88a. Eigenvalues for CSAP Mathematics Grade 6.....	580
Figure 88b. Proportion of Variance by Factor for CSAP Mathematics Grade 6.....	580
Figure 89a. Eigenvalues for CSAP Mathematics Grade 7.....	581
Figure 89b. Proportion of Variance by Factor for CSAP Mathematics Grade 7.....	581
Figure 90a. Eigenvalues for CSAP Mathematics Grade 8.....	582
Figure 90b. Proportion of Variance by Factor for CSAP Mathematics Grade 8.....	582
Figure 91a. Eigenvalues for CSAP Mathematics Grade 9.....	583
Figure 91b. Proportion of Variance by Factor for CSAP Mathematics Grade 9.....	583
Figure 92a. Eigenvalues for CSAP Mathematics Grade 10.....	584
Figure 92b. Proportion of Variance by Factor for CSAP Mathematics Grade 10.....	584
Figure 93a. Eigenvalues for CSAP Science Grade 5	585
Figure 93b. Proportion of Variance by Factor for CSAP Science Grade 5	585
Figure 94a. Eigenvalues for CSAP Science Grade 8	586
Figure 94b. Proportion of Variance by Factor for CSAP Science Grade 8	586
Figure 95a. Eigenvalues for CSAP Science Grade 10	587
Figure 95b. Proportion of Variance by Factor for CSAP Science Grade 10	587
Figure 96. Median Scale Scores by Year for Writing Subcontent Areas: Grade 4	588
Figure 97. Median Scale Scores by Year for Writing Subcontent Areas: Grade 5	588
Figure 98. Median Scale Scores by Year for Writing Subcontent Areas: Grade 6	589
Figure 99. Median Scale Scores by Year for Writing Subcontent Areas: Grade 7	589
Figure 100. Median Scale Scores by Year for Writing Subcontent Areas: Grade 8	590
Figure 101. Median Scale Scores by Year for Writing Subcontent Areas: Grade 9	590
Figure 102. Median Scale Scores by Year for Writing Subcontent Areas: Grade 10 ..	591

**Figure 1. Item Characteristic Curves for Mathematics Grade 3 Anchor Item 17
Unanchored from the Equating of the Operational Test**



**Figure 2. Item Characteristic Curves for Reading Grade 4 Anchor Item 26, RWO 23
Unanchored from the Equating of the Operational Test**

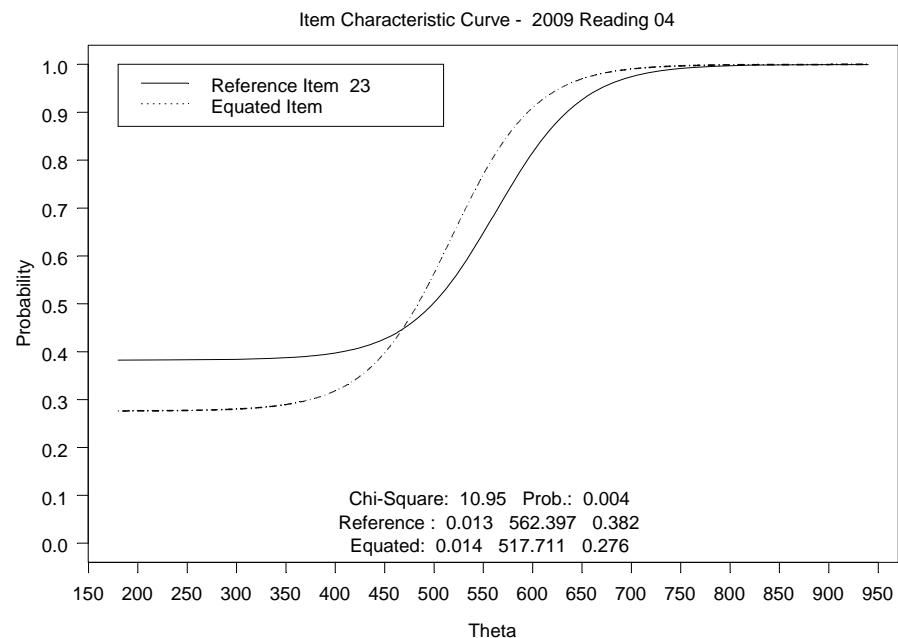


Figure 3. CSAP Grade 3 Reading Operational Tests (Blue=2008, Pink=2009) (A) test characteristic curves, (B) standard errors of measurement, (C) test information function, and (D) cumulative frequency distributions based on census data.

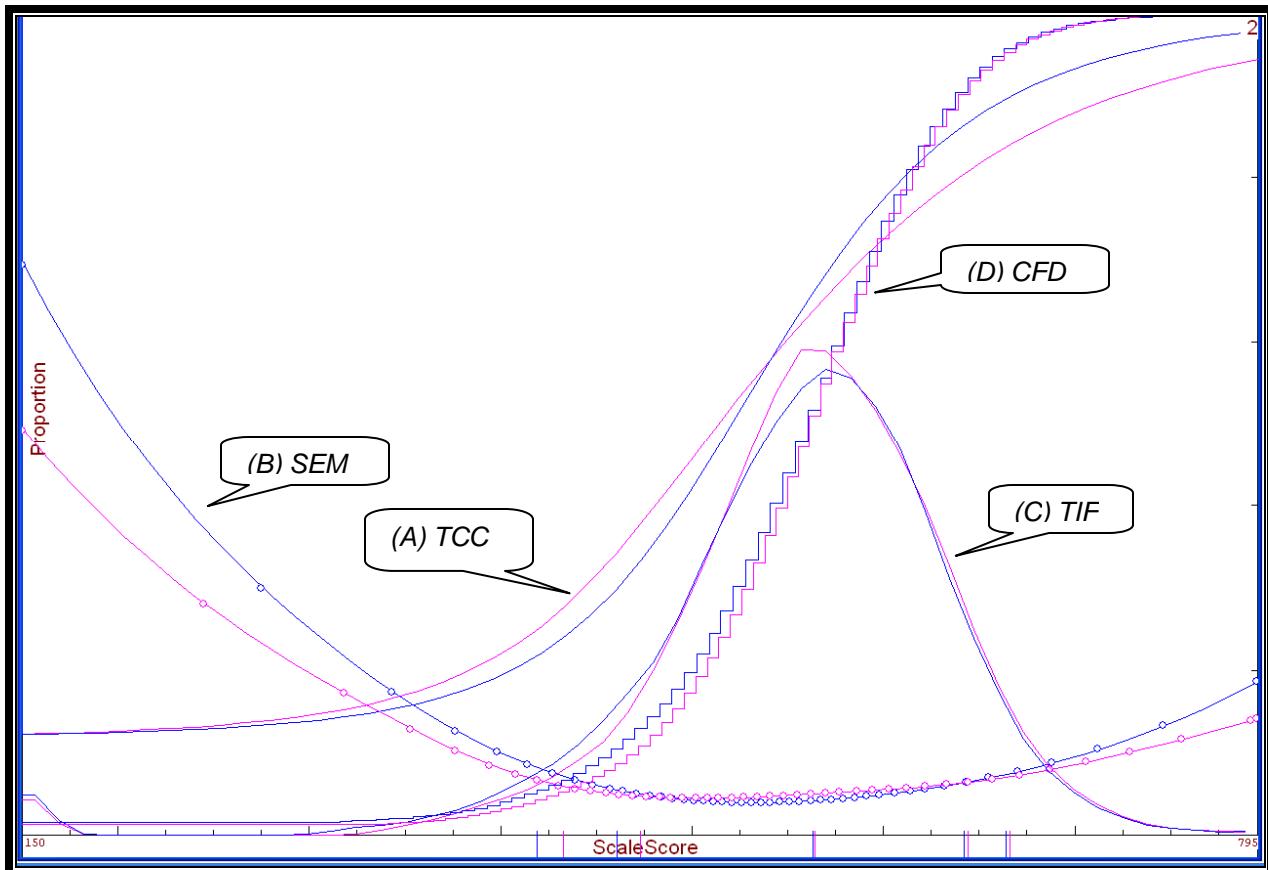


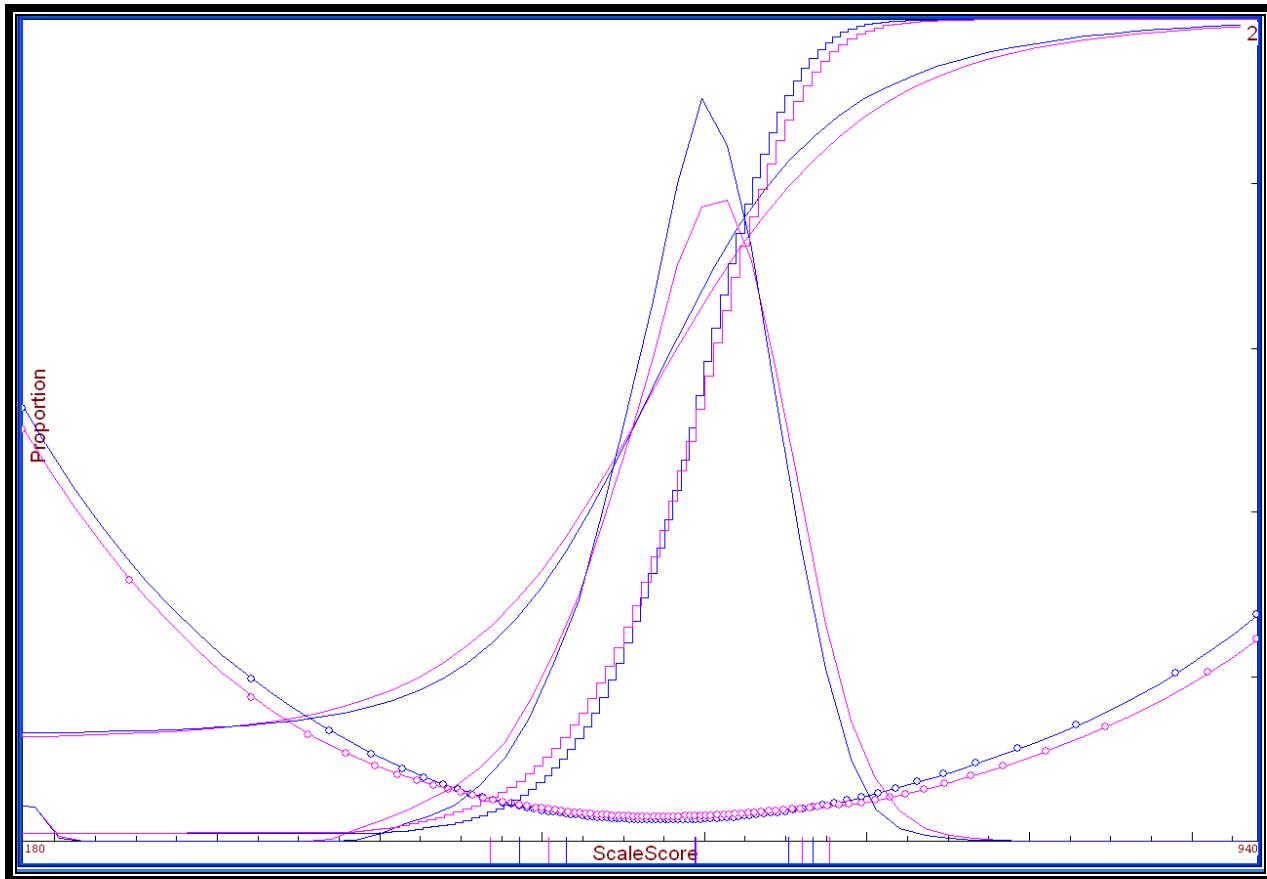
Figure 4. CSAP Grade 4 Reading Operational Tests (Blue=2008, Pink=2009)

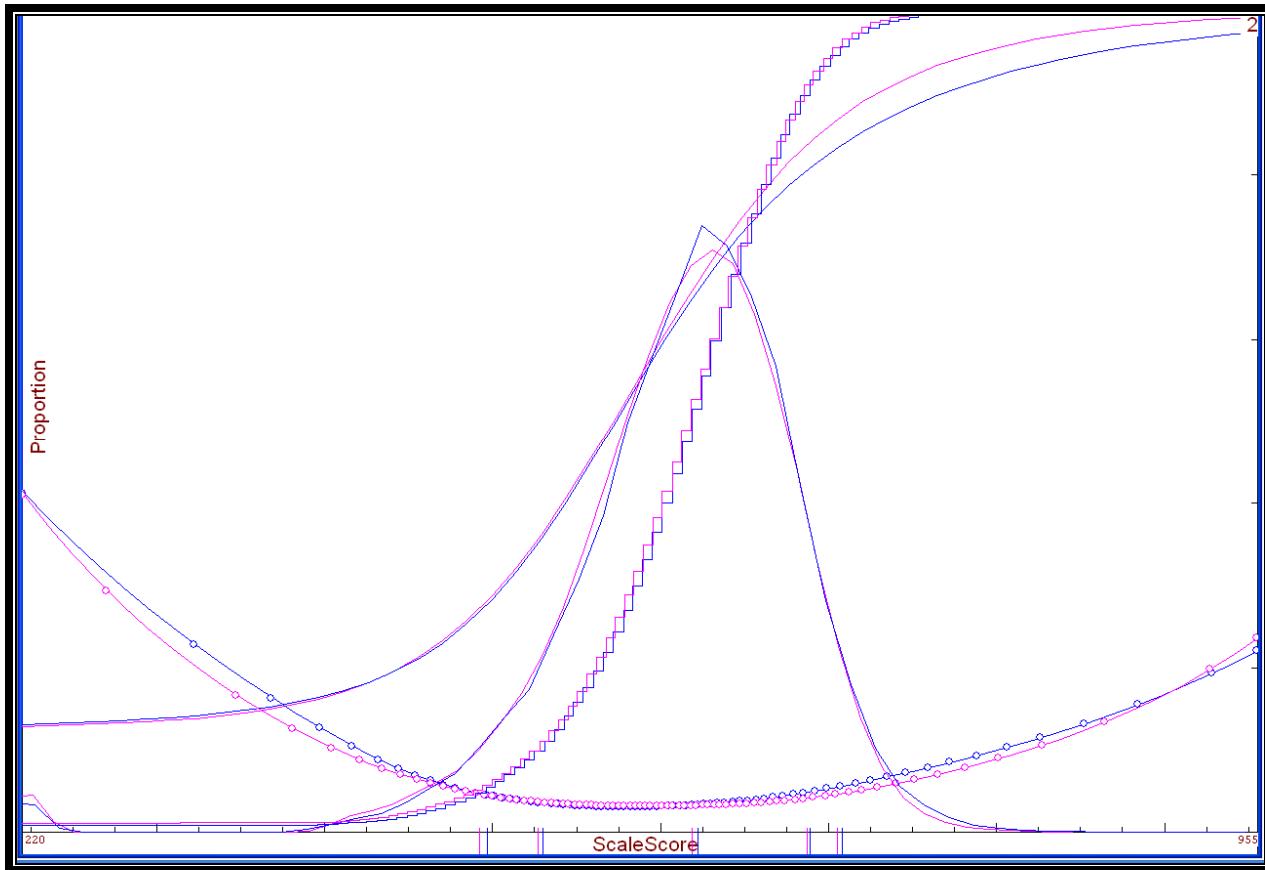
Figure 5. CSAP Grade 5 Reading Operational Tests (Blue=2008, Pink=2009)

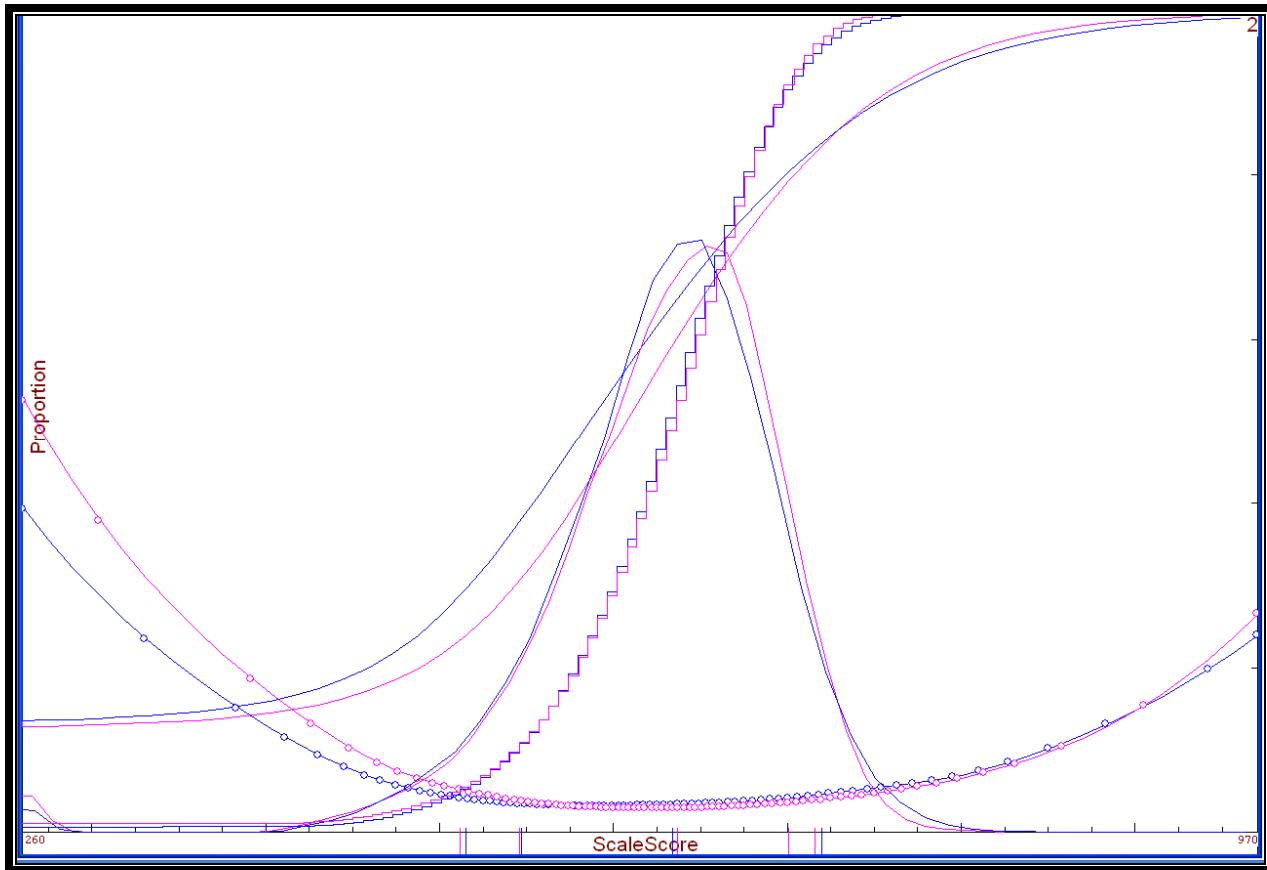
Figure 6. CSAP Grade 6 Reading Operational Tests (Blue=2008, Pink=2009)

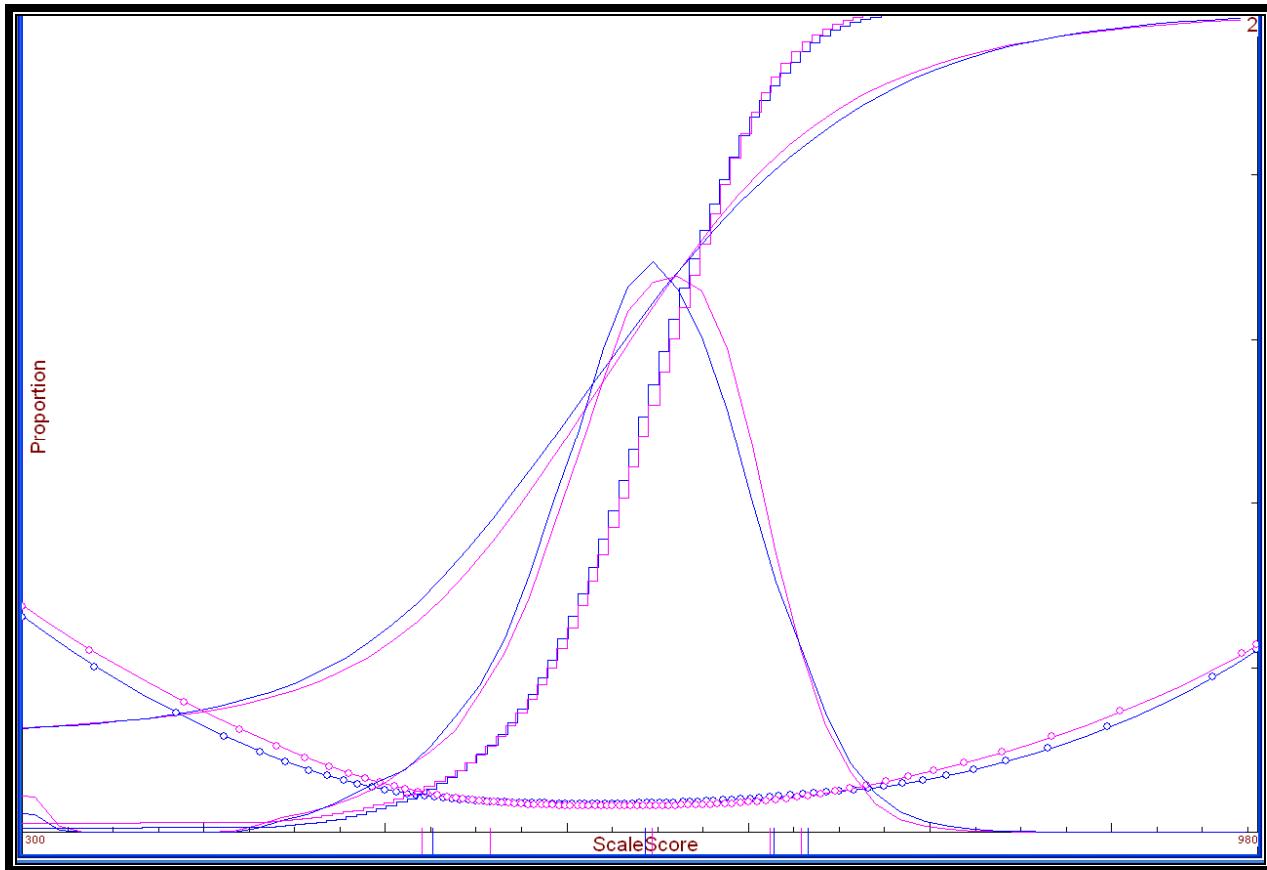
Figure 7. CSAP Grade 7 Reading Operational Tests (Blue=2008, Pink=2009)

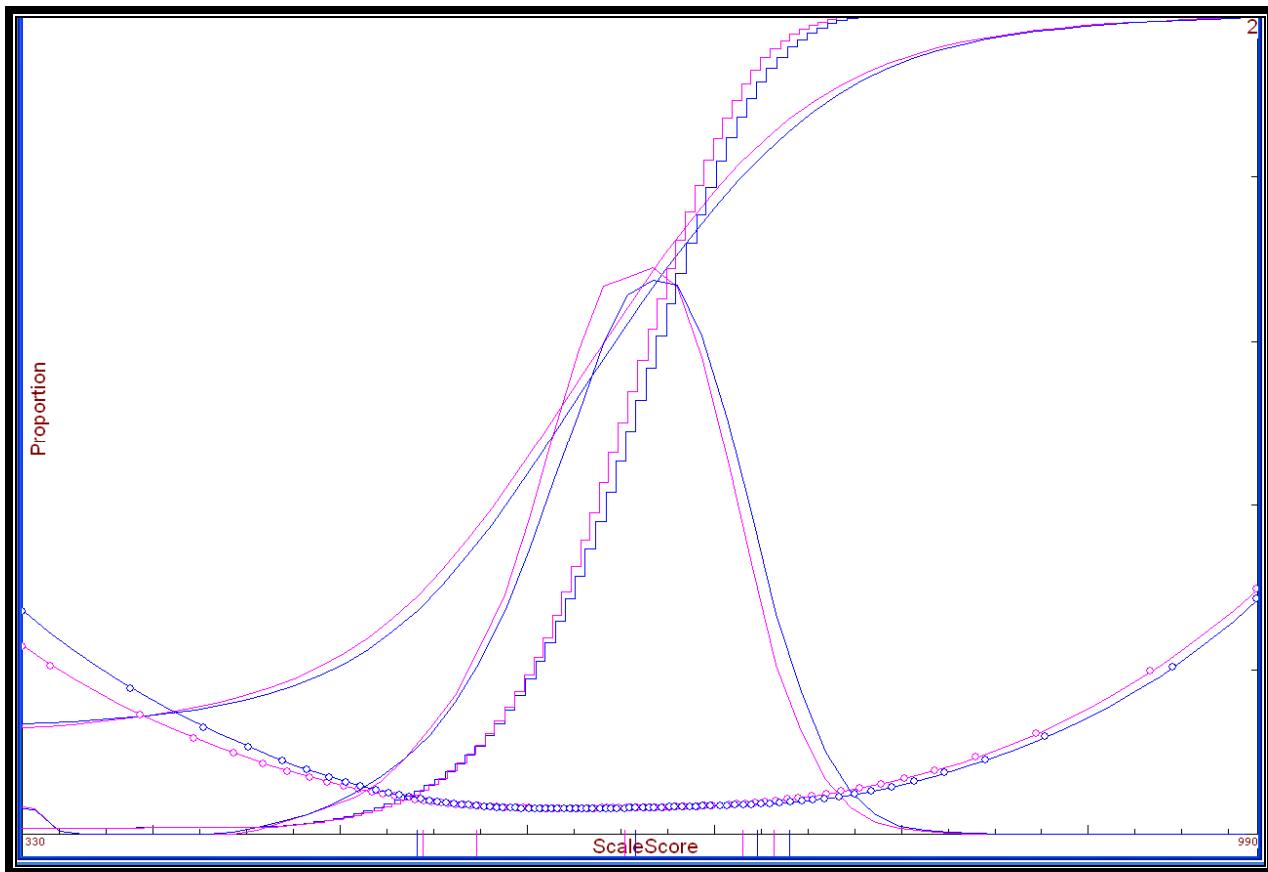
Figure 8. CSAP Grade 8 Reading Operational Tests (Blue=2008, Pink=2009)

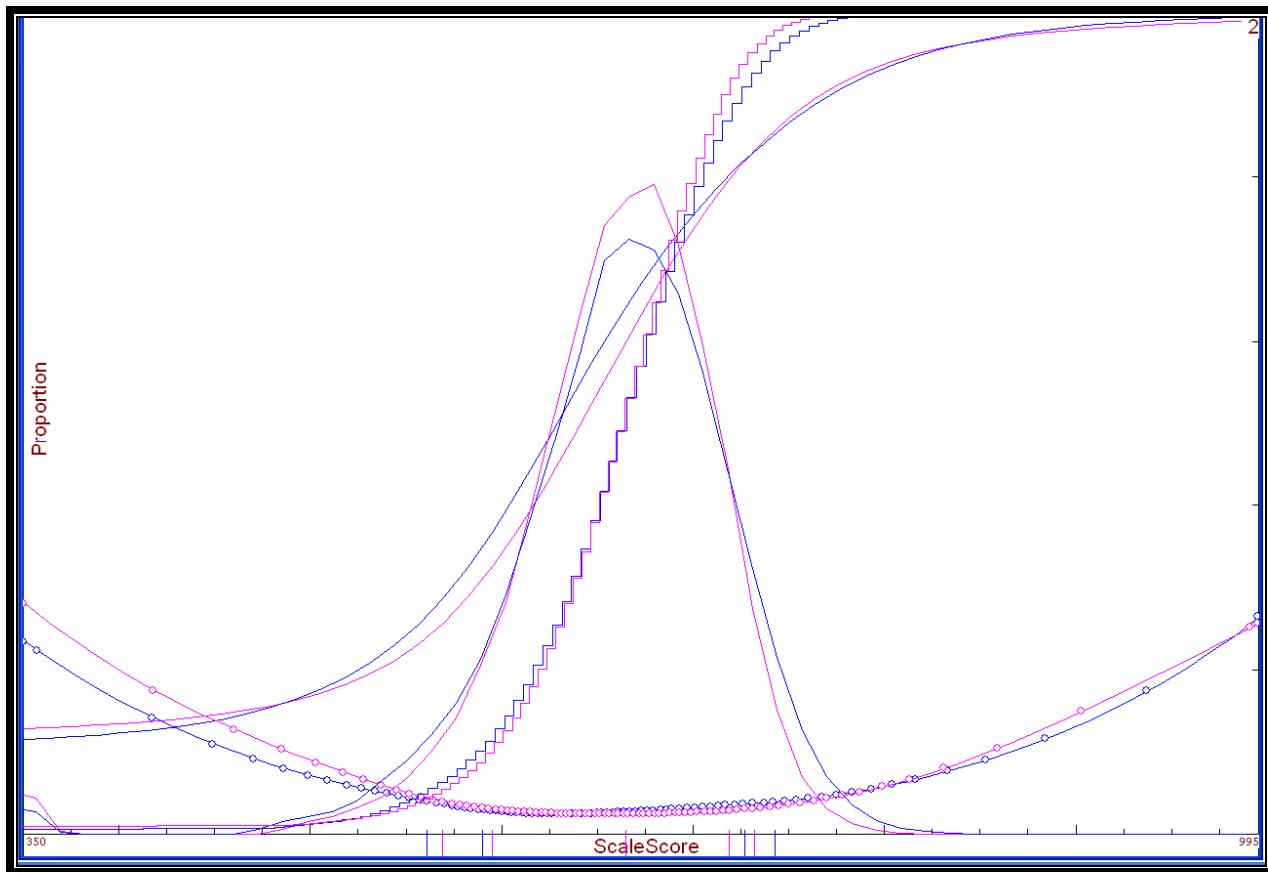
Figure 9. CSAP Grade 9 Reading Operational Tests (Blue=2008, Pink=2009)

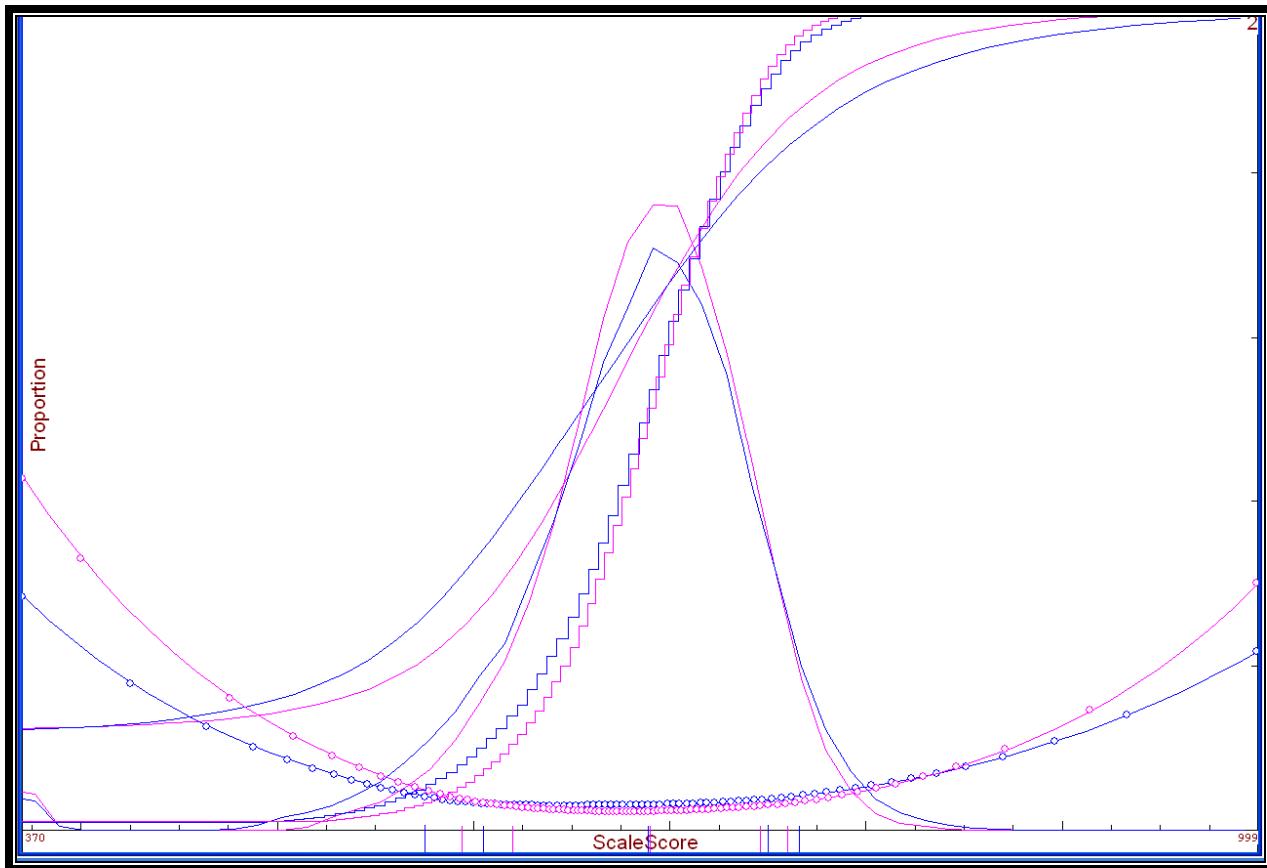
Figure 10. CSAP Grade 10 Reading Operational Tests (Blue=2008, Pink=2009)

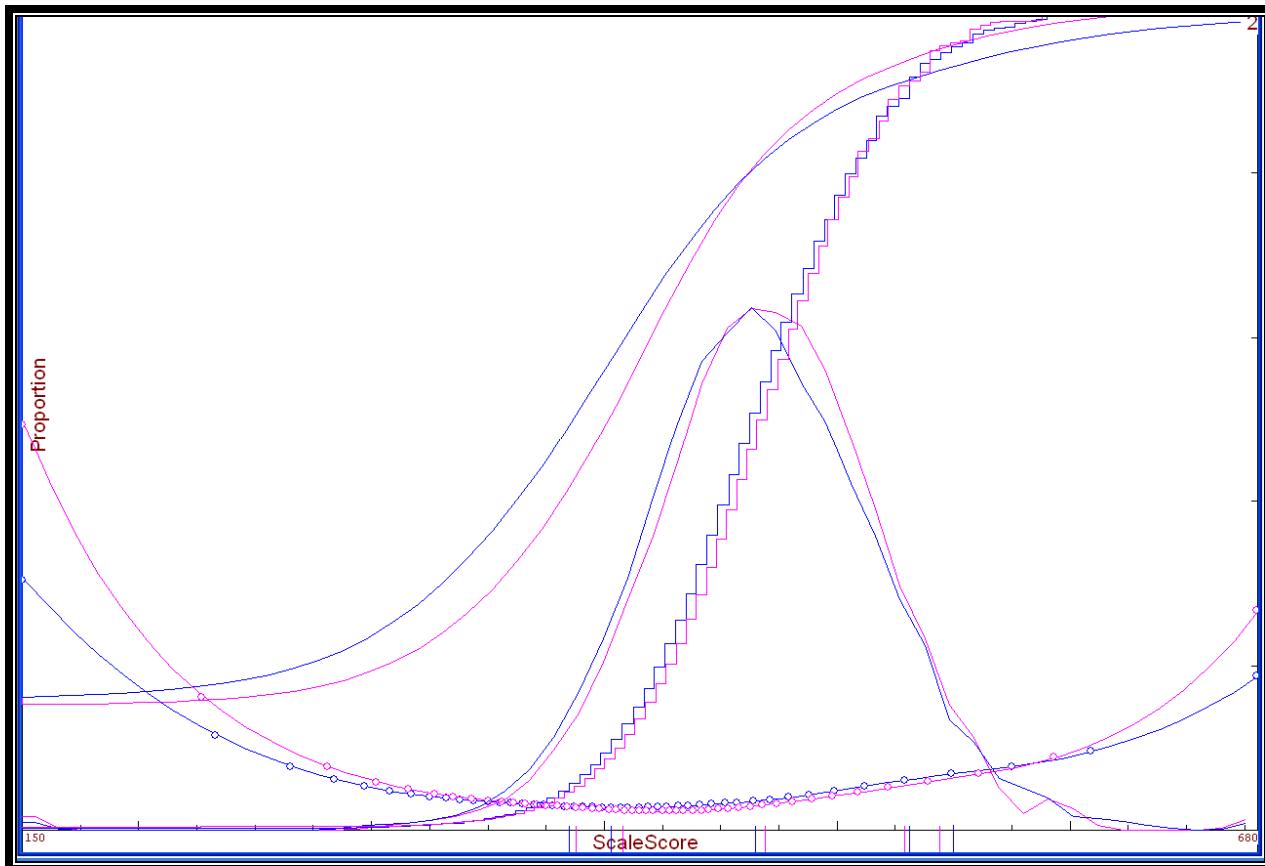
Figure 11. CSAP Grade 3 Writing Operational Tests (Blue=2008, Pink=2009)

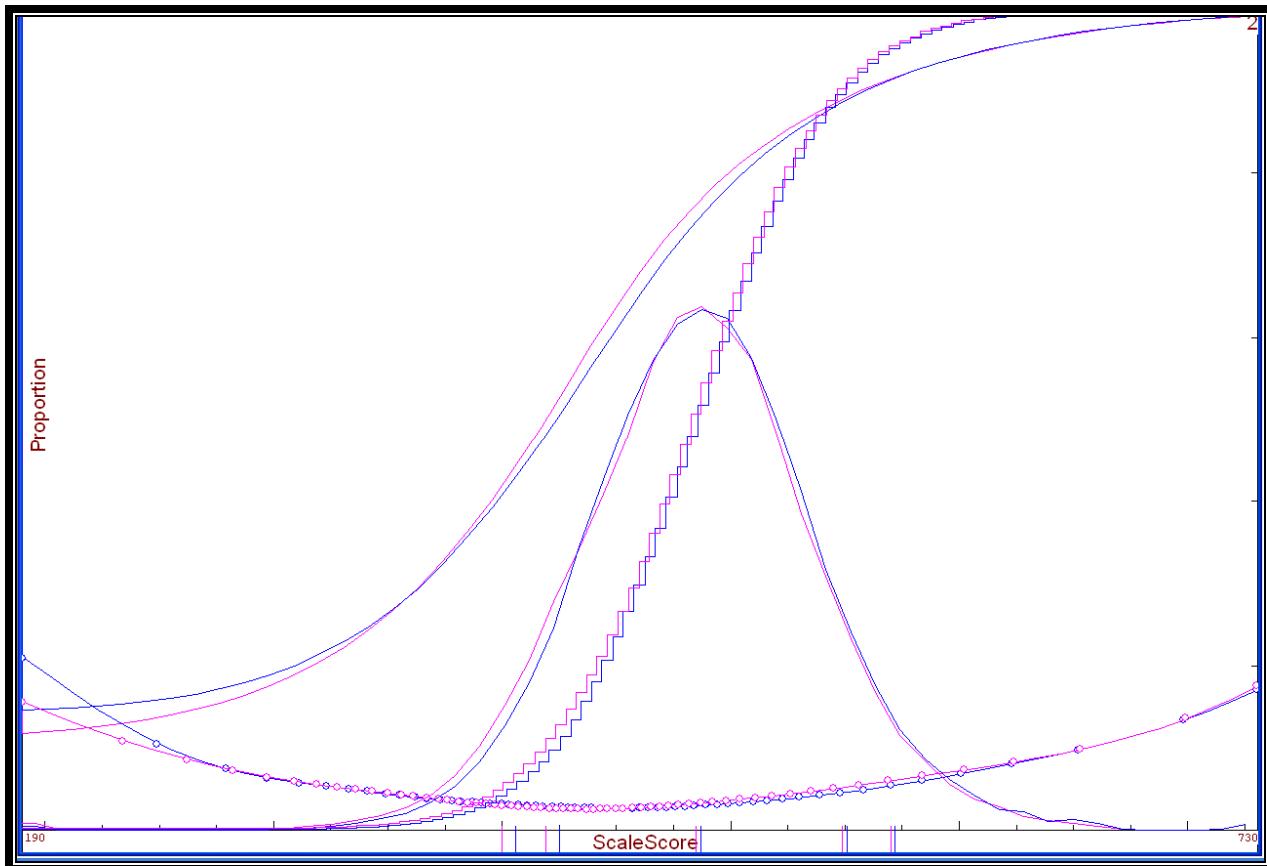
Figure 12. CSAP Grade 4 Writing Operational Tests (Blue=2008, Pink=2009)

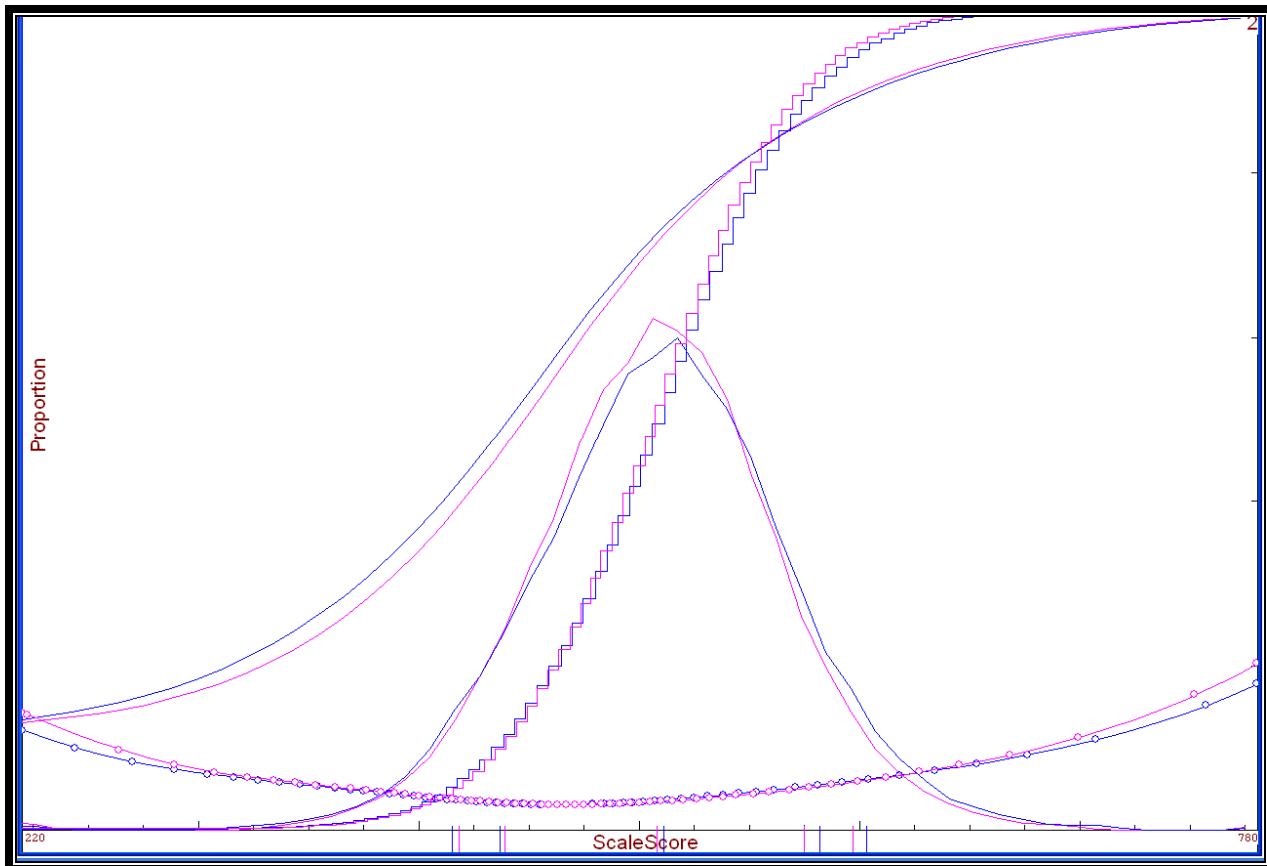
Figure 13. CSAP Grade 5 Writing Operational Tests (Blue=2008, Pink=2009)

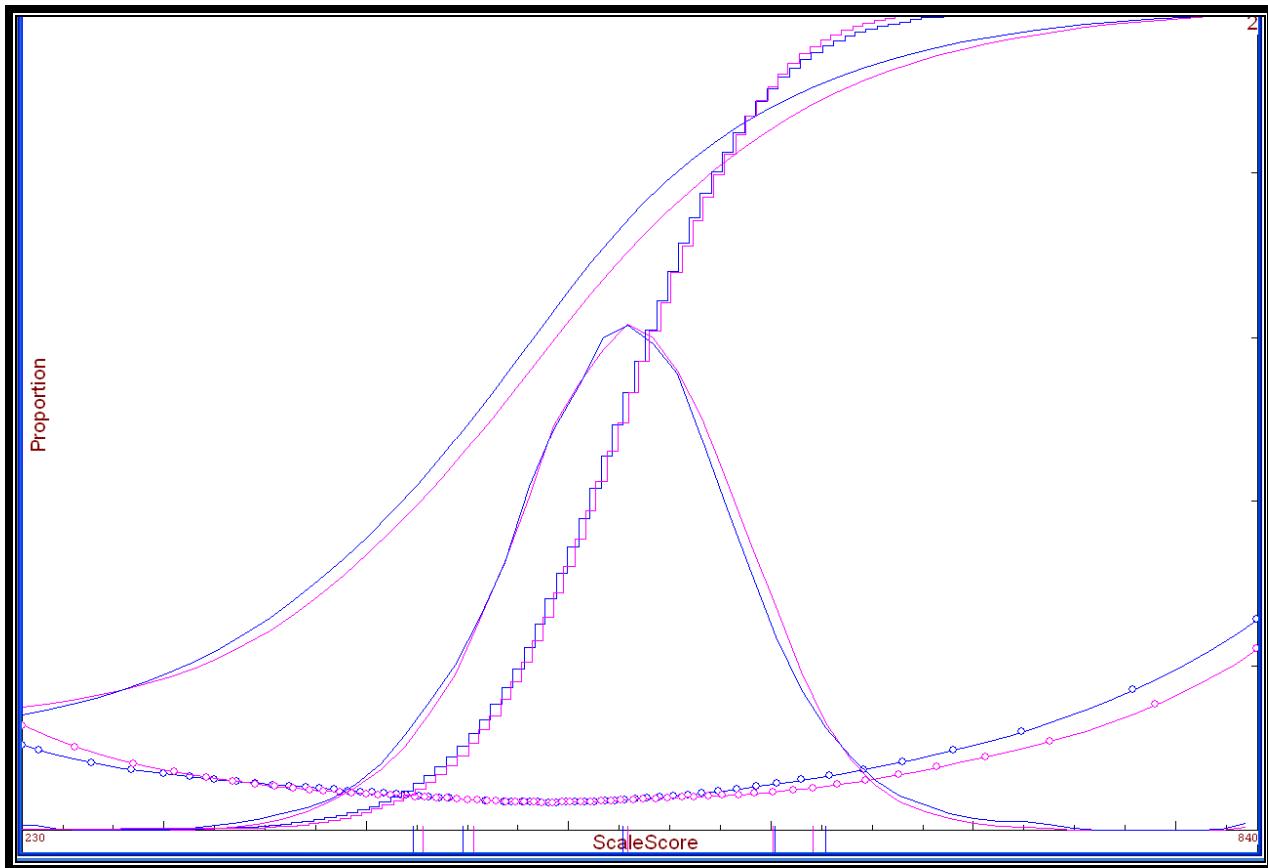
Figure 14. CSAP Grade 6 Writing Operational Tests (Blue=2008, Pink=2009)

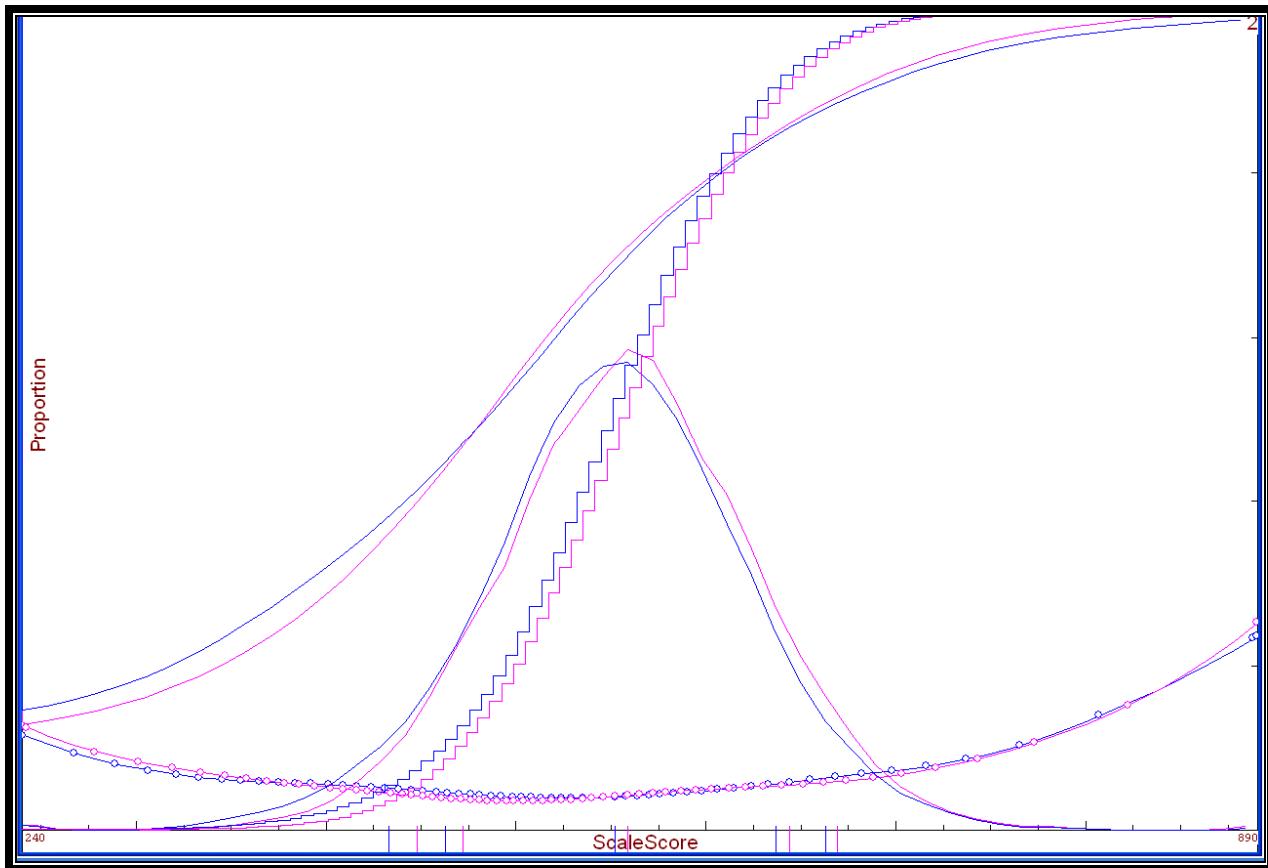
Figure 15. CSAP Grade 7 Writing Operational Tests (Blue=2008, Pink=2009)

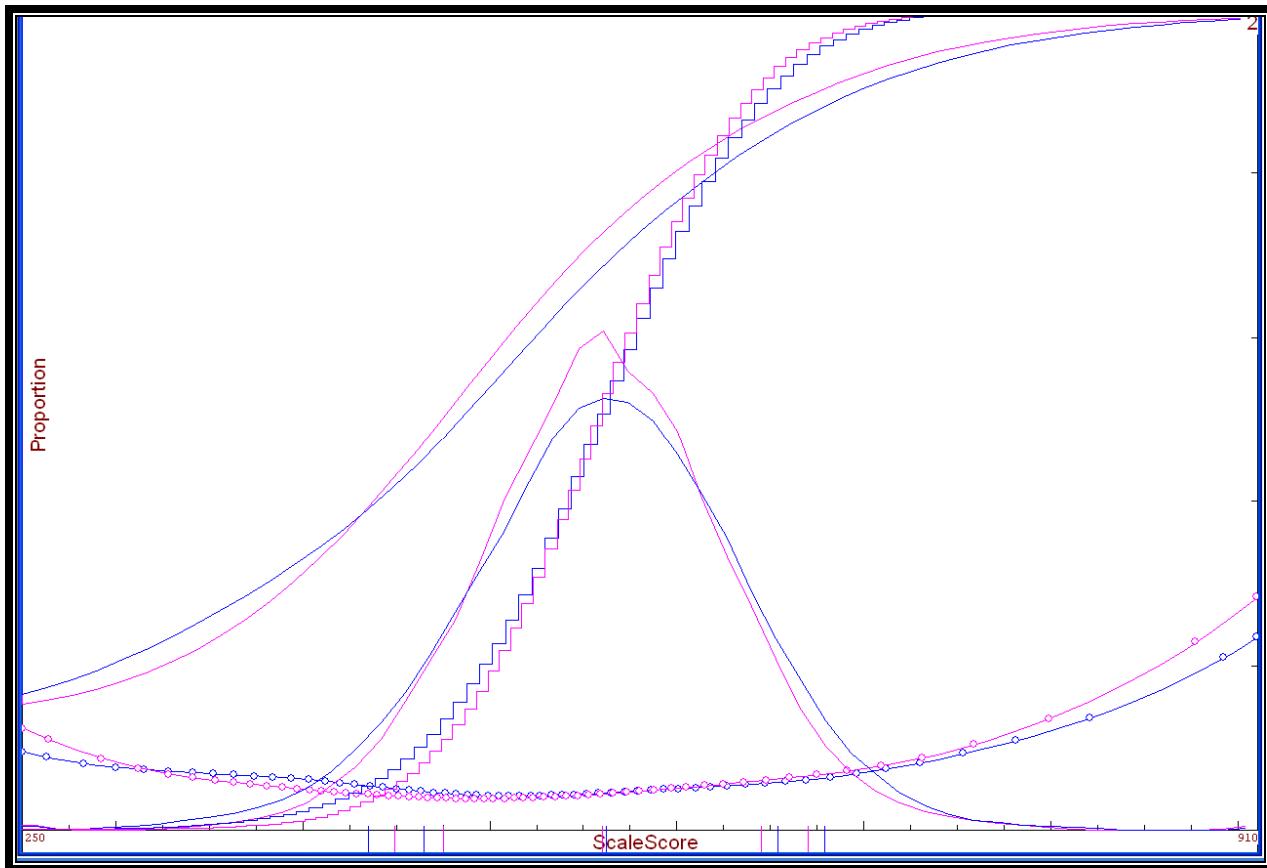
Figure 16. CSAP Grade 8 Writing Operational Tests (Blue=2008, Pink=2009)

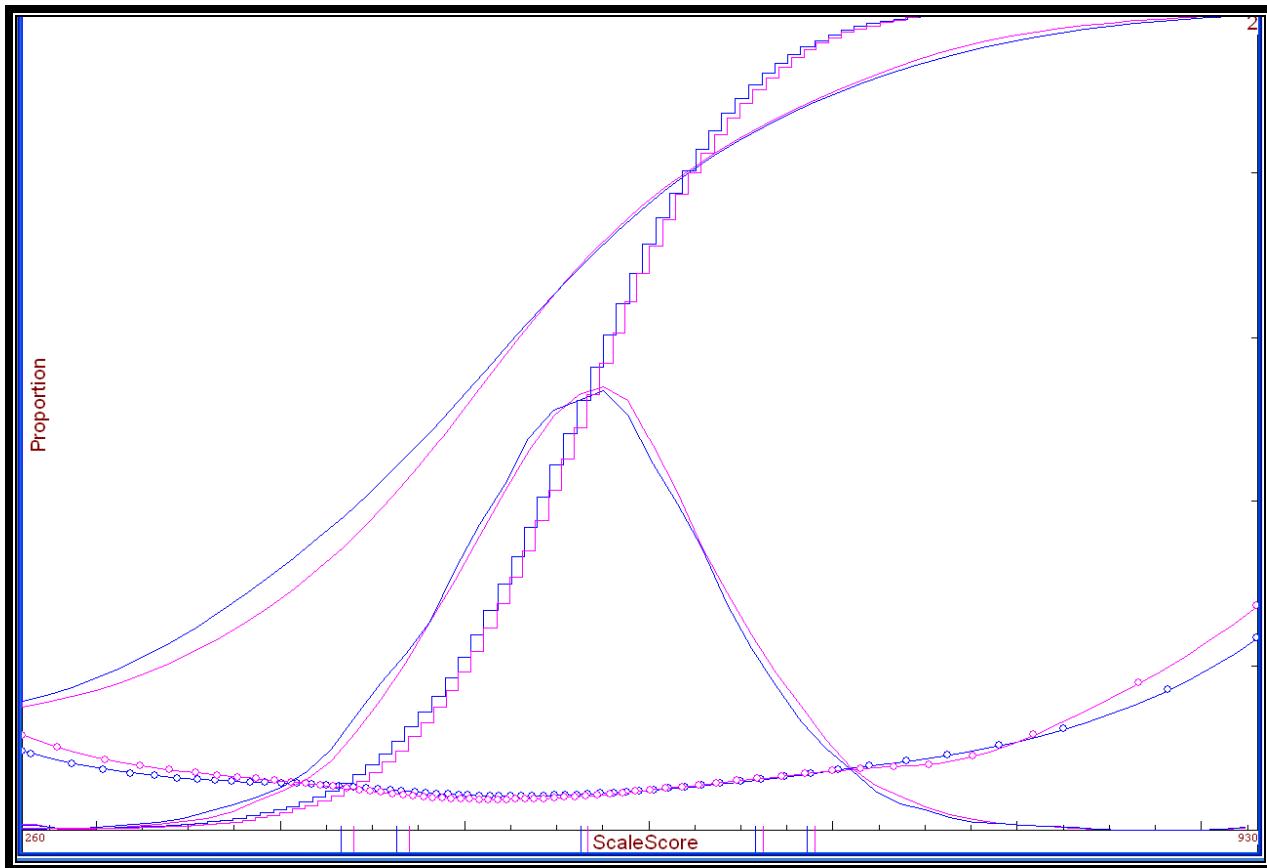
Figure 17. CSAP Grade 9 Writing Operational Tests (Blue=2008, Pink=2009)

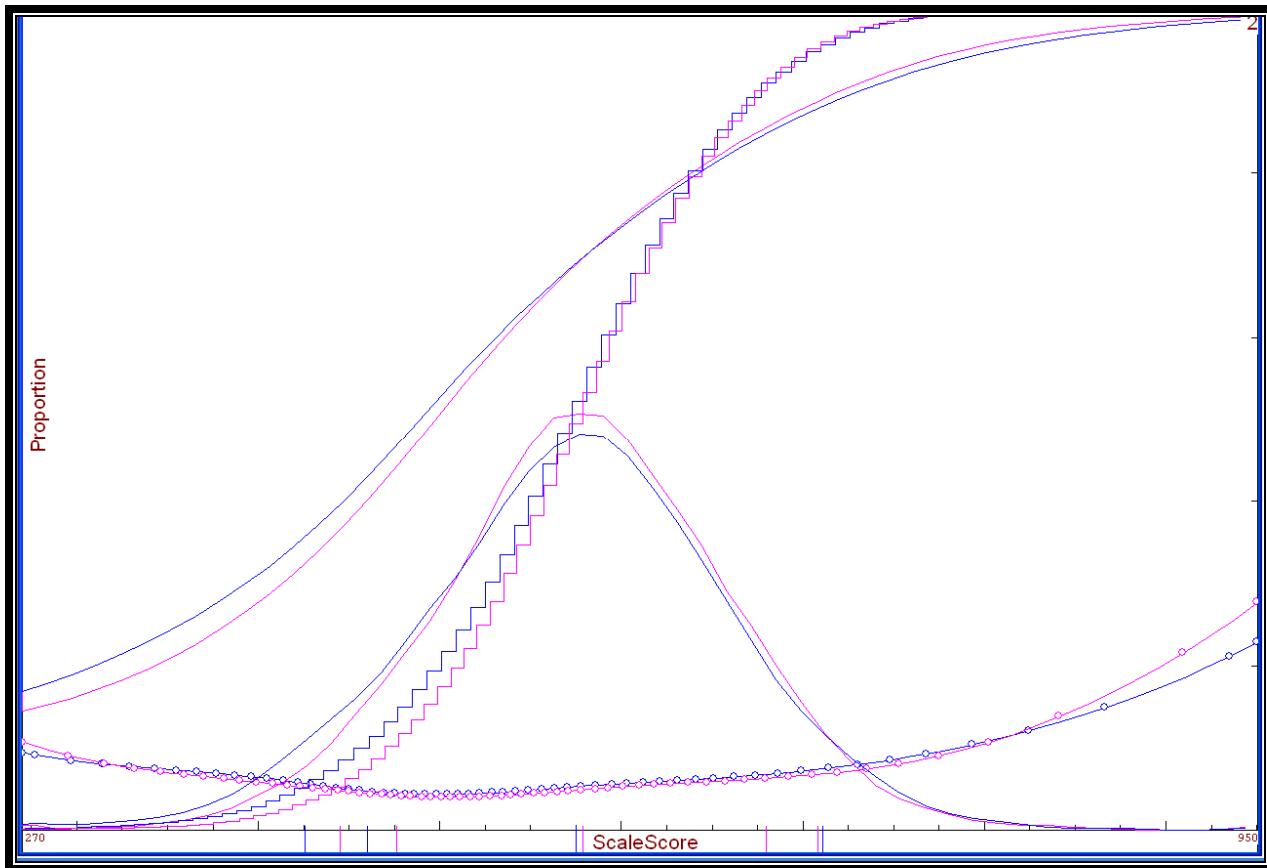
Figure 18. CSAP Grade 10 Writing Operational Tests (Blue=2008, Pink=2009)

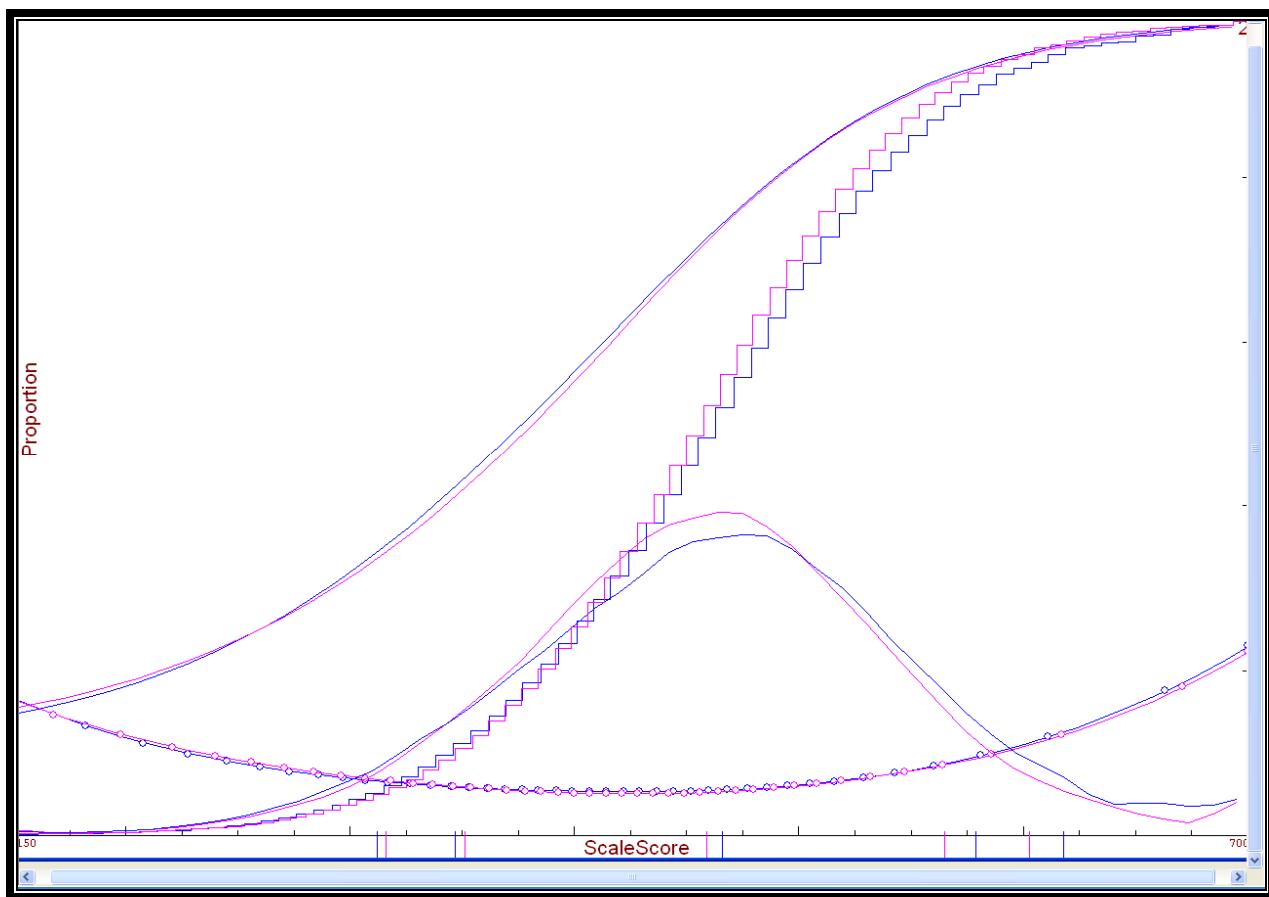
Figure 19. CSAP Grade 3 Mathematics Operational Tests (Blue=2008, Pink=2009)

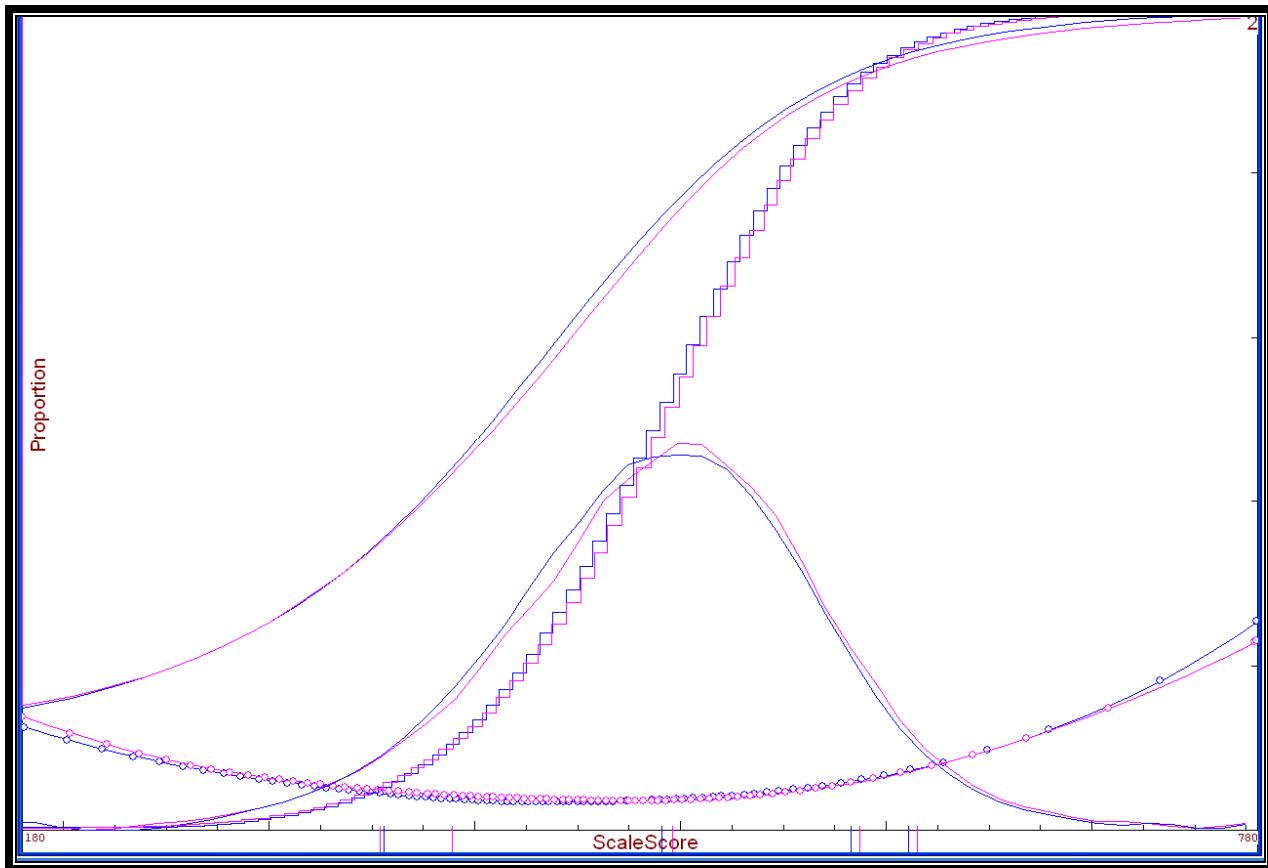
Figure 20. CSAP Grade 4 Mathematics Operational Tests (Blue=2008, Pink=2009)

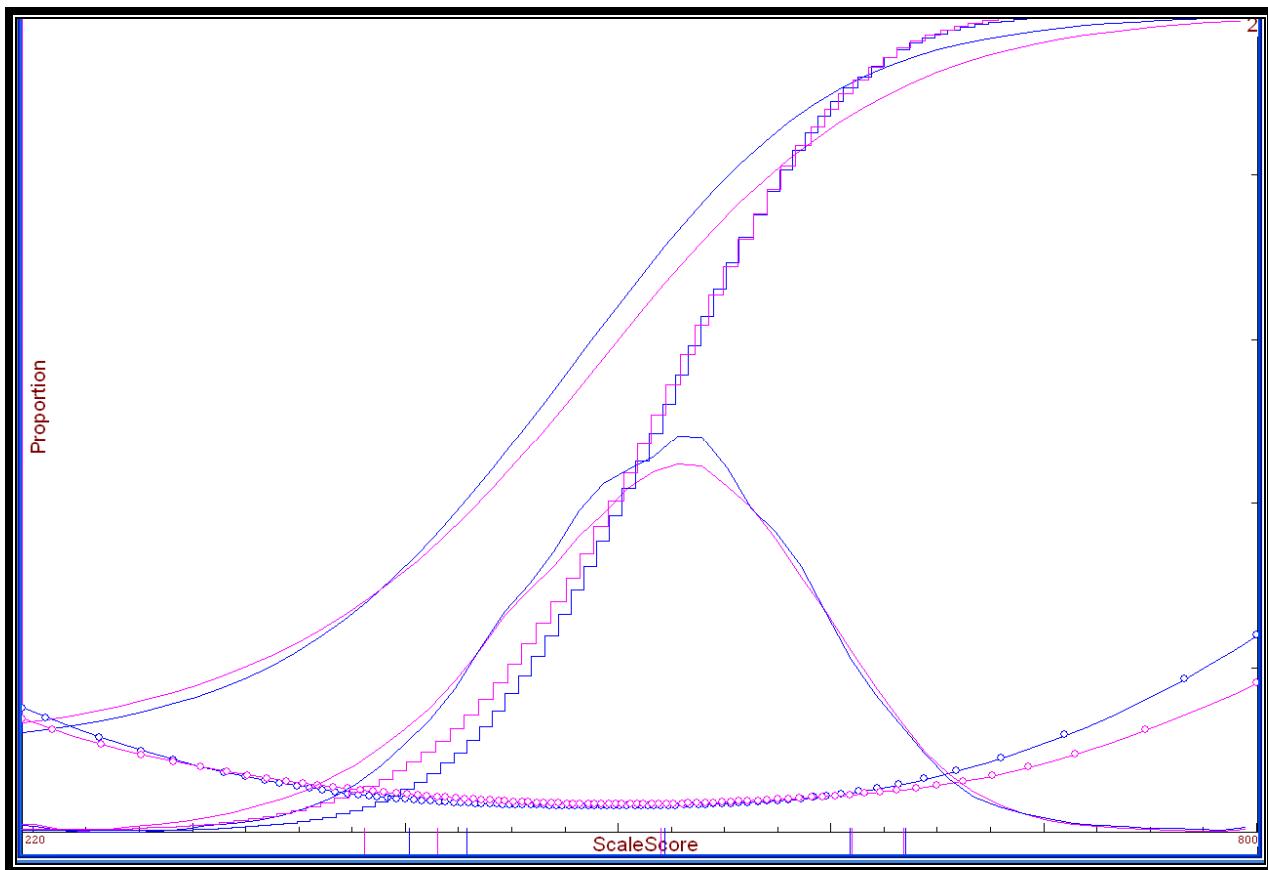
Figure 21. CSAP Grade 5 Mathematics Operational Tests (Blue=2008, Pink=2009)

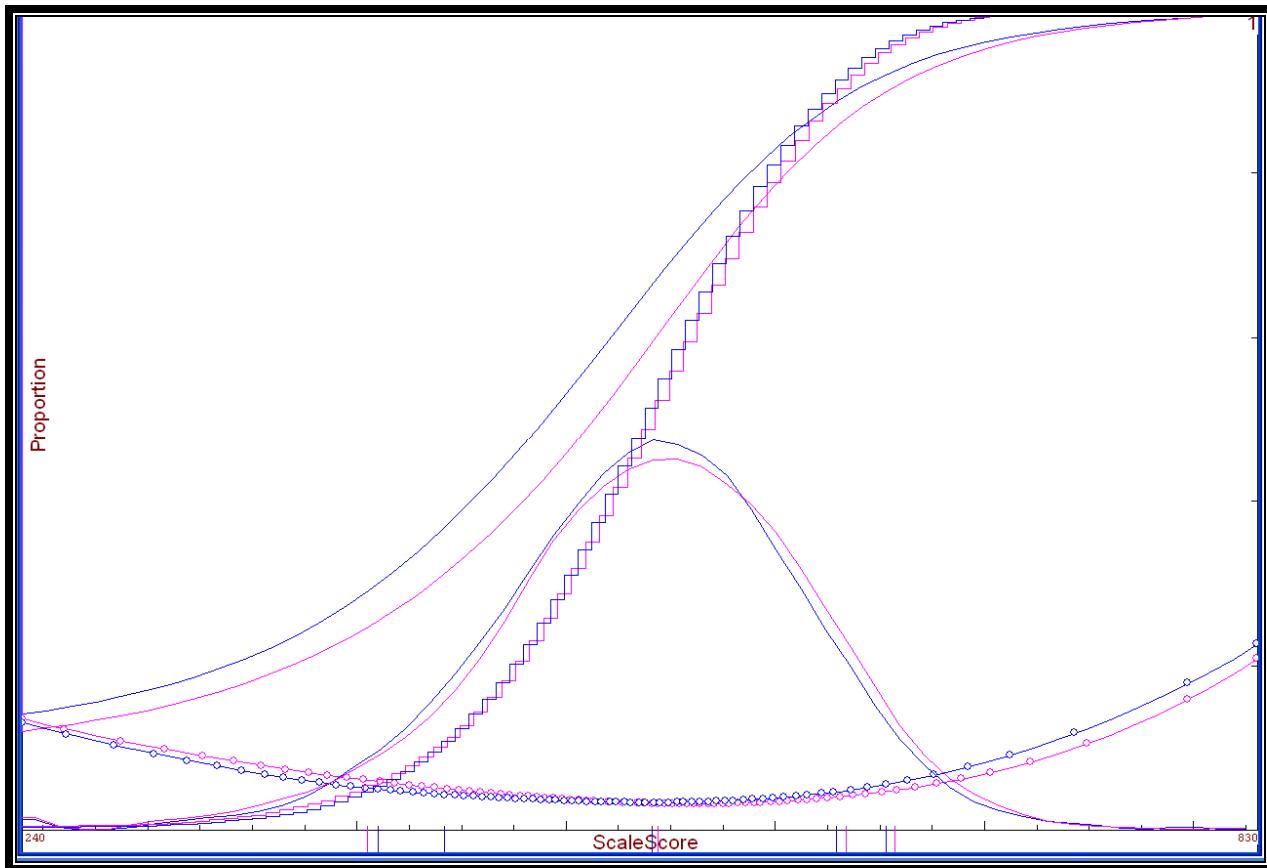
Figure 22. CSAP Grade 6 Mathematics Operational Tests (Blue=2008, Pink=2009)

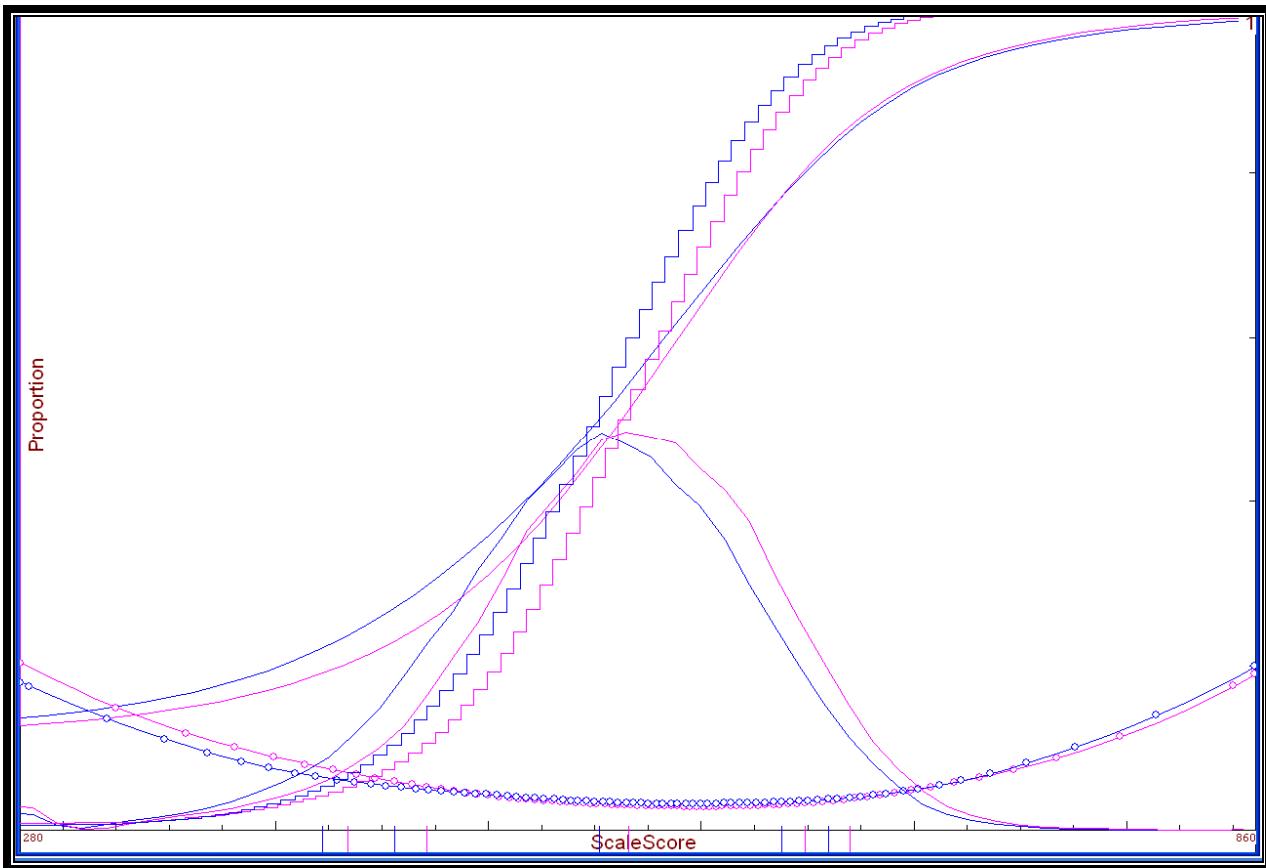
Figure 23. CSAP Grade 7 Mathematics Operational Tests (Blue=2008, Pink=2009)

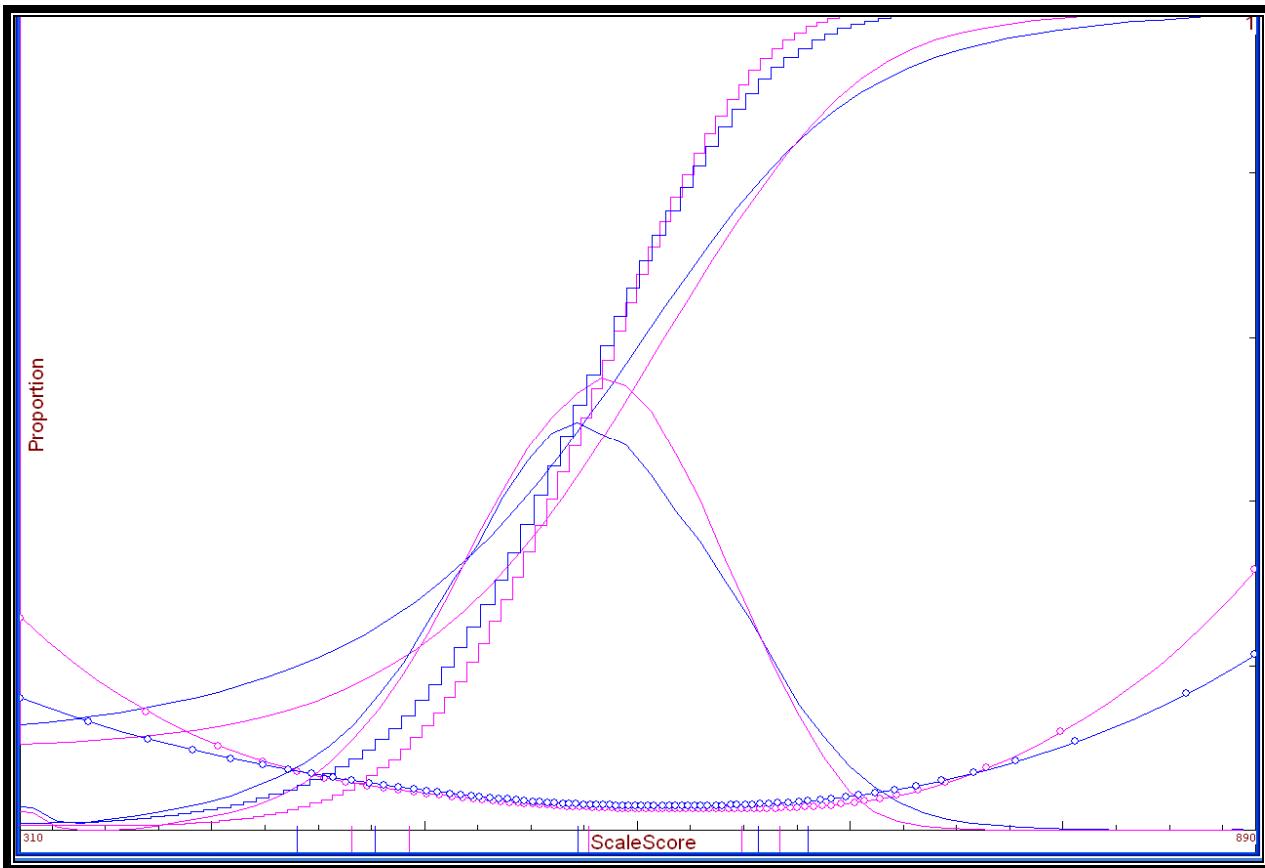
Figure 24. CSAP Grade 8 Mathematics Operational Tests (Blue=2008, Pink=2009)

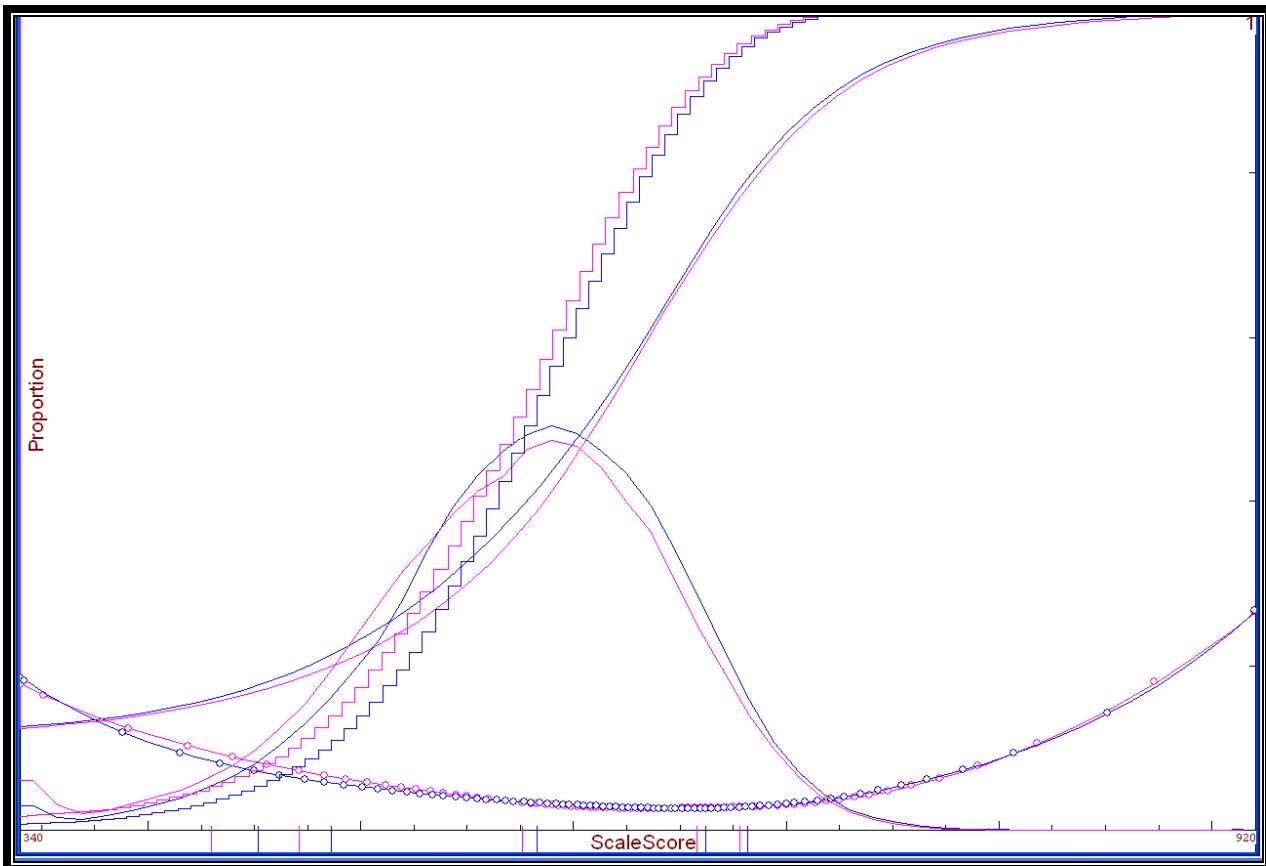
Figure 25. CSAP Grade 9 Mathematics Operational Tests (Blue=2008, Pink=2009)

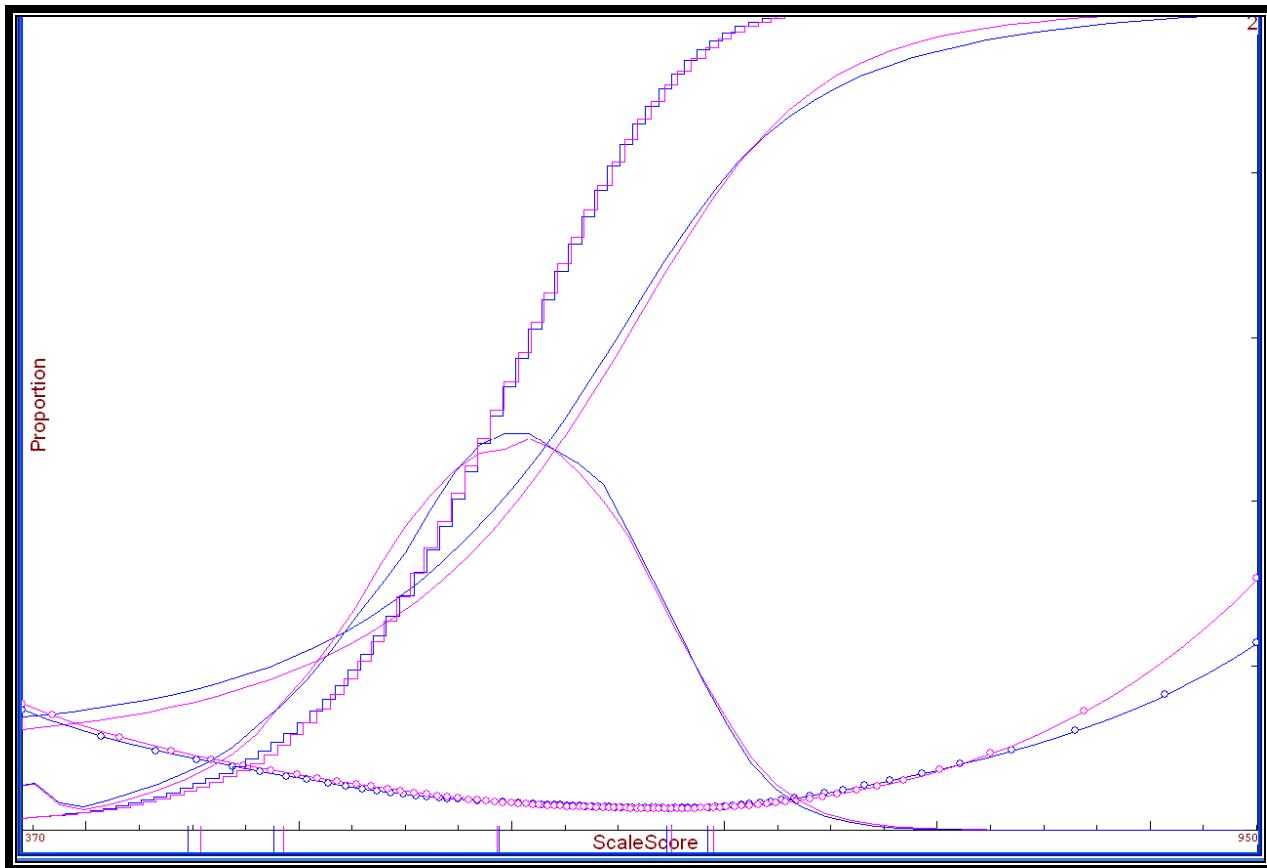
Figure 26. CSAP Grade 10 Mathematics Operational Tests (Blue=2008, Pink=2009)

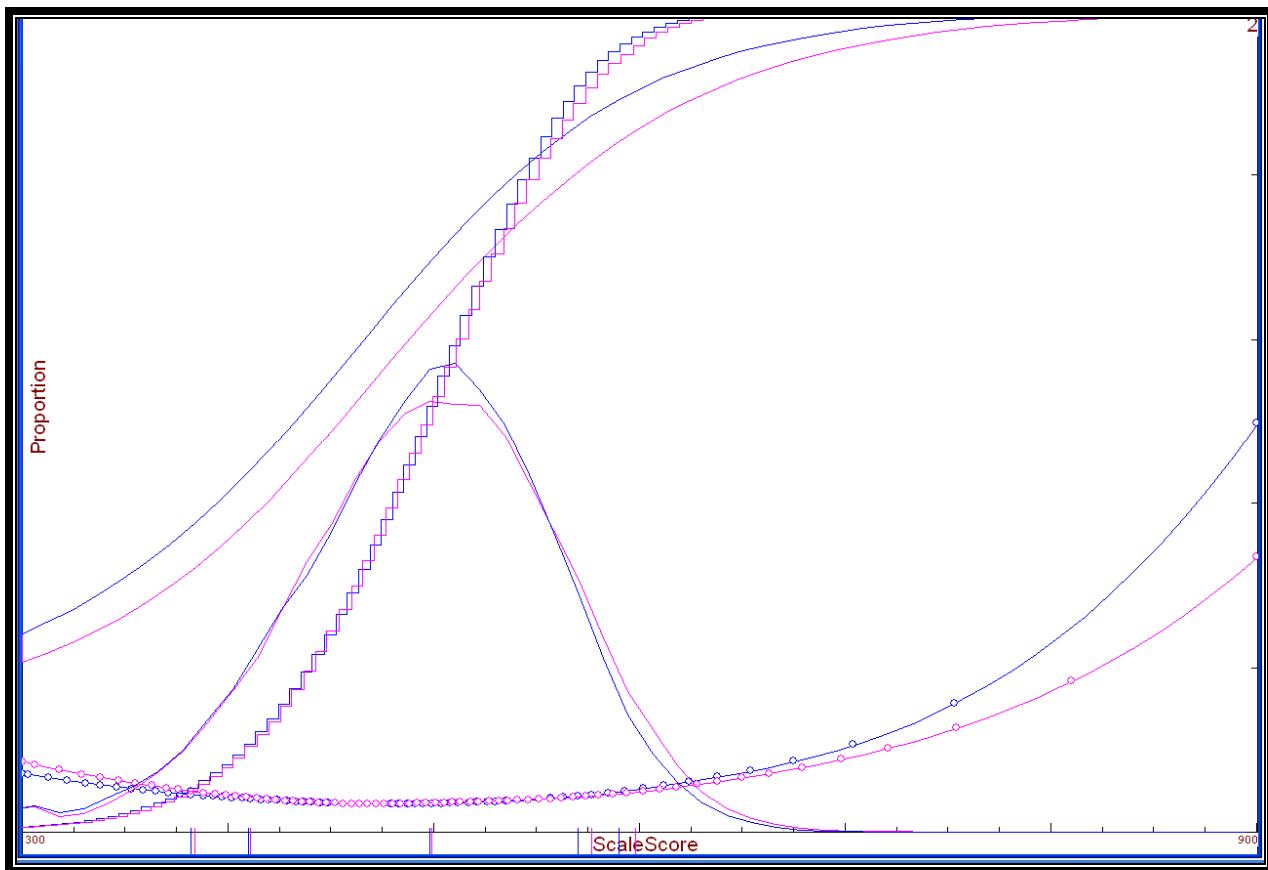
Figure 27. CSAP Grade 5 Science Operational Tests (Blue=2008, Pink=2009)

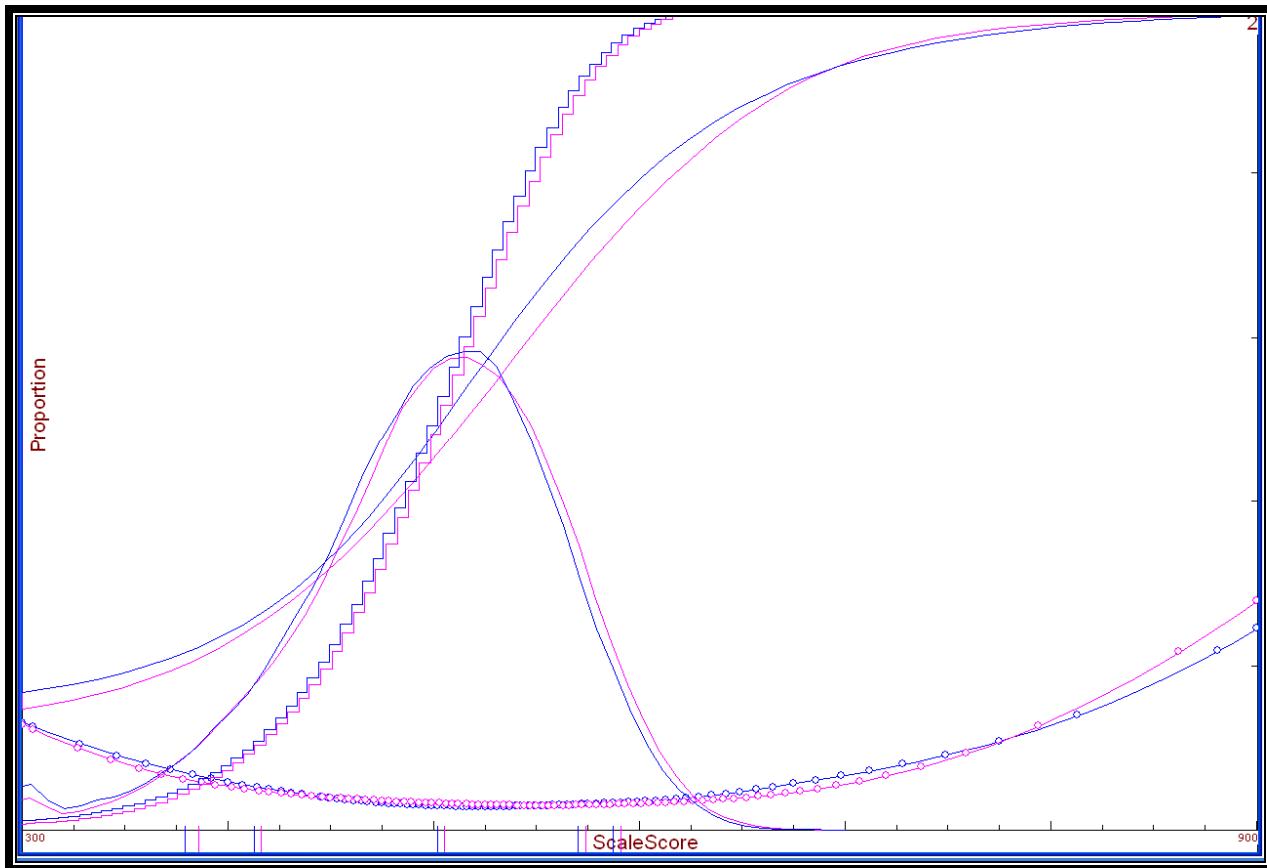
Figure 28. CSAP Grade 8 Science Operational Tests (Blue=2008, Pink=2009)

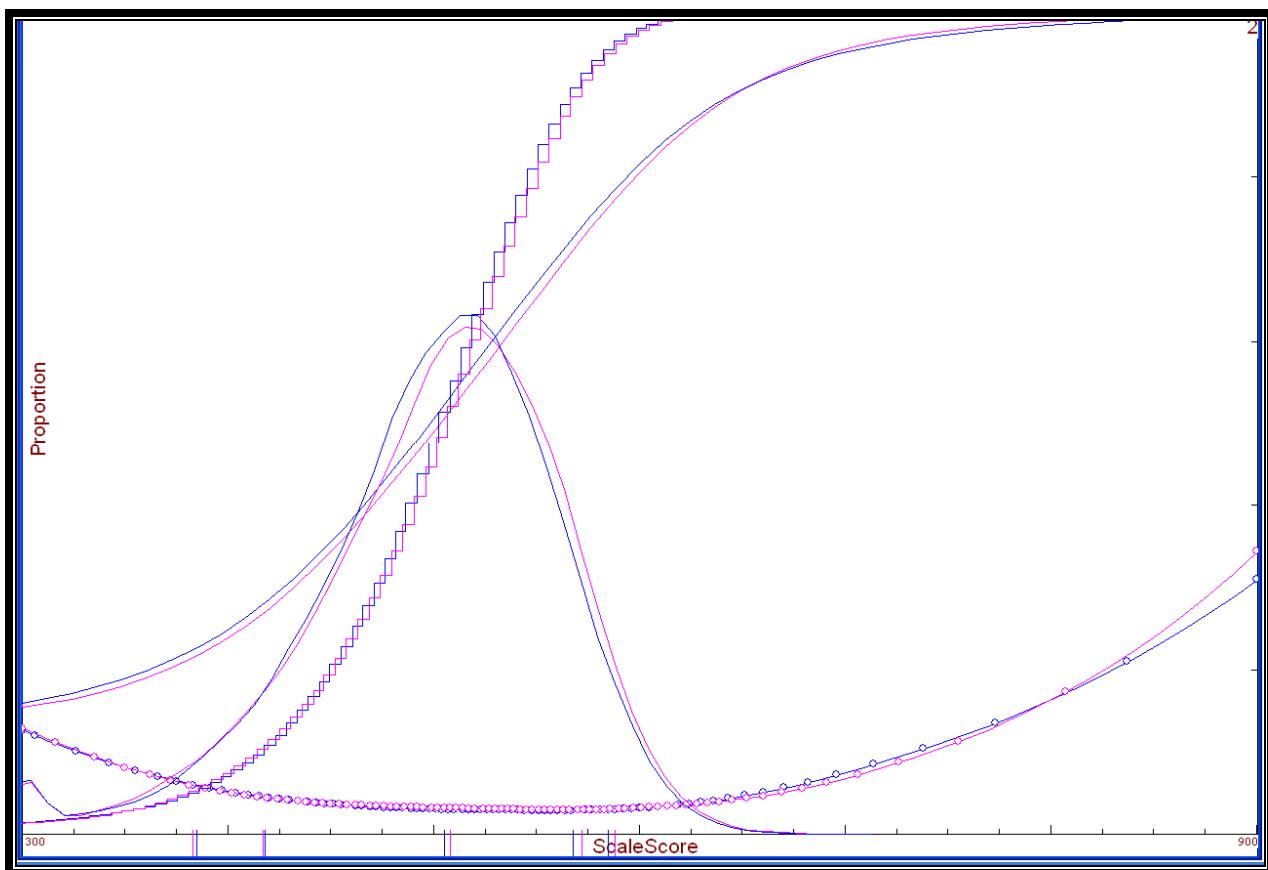
Figure 29. CSAP Grade 10 Science Operational Tests (Blue=2008, Pink=2009)

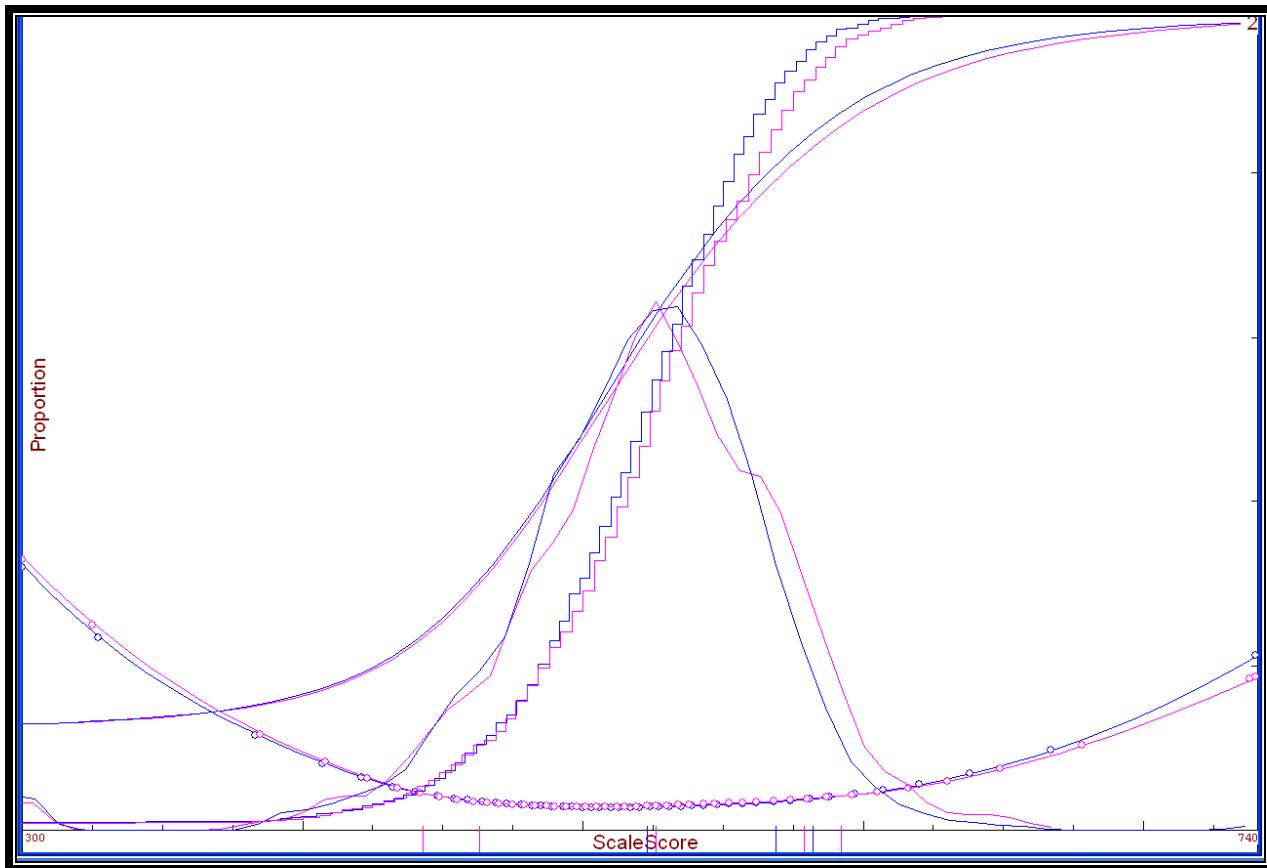
Figure 30. CSAP Grade 3 Spanish Reading Operational Tests (Blue=2008, Pink=2009)

Figure 31. CSAP Grade 4 Spanish Reading Operational Tests

Note: As this content was preequated, final transformed parameters were used and no graphical frequency distribution information is available. 2008 and 2009 parameters and curves are identical.

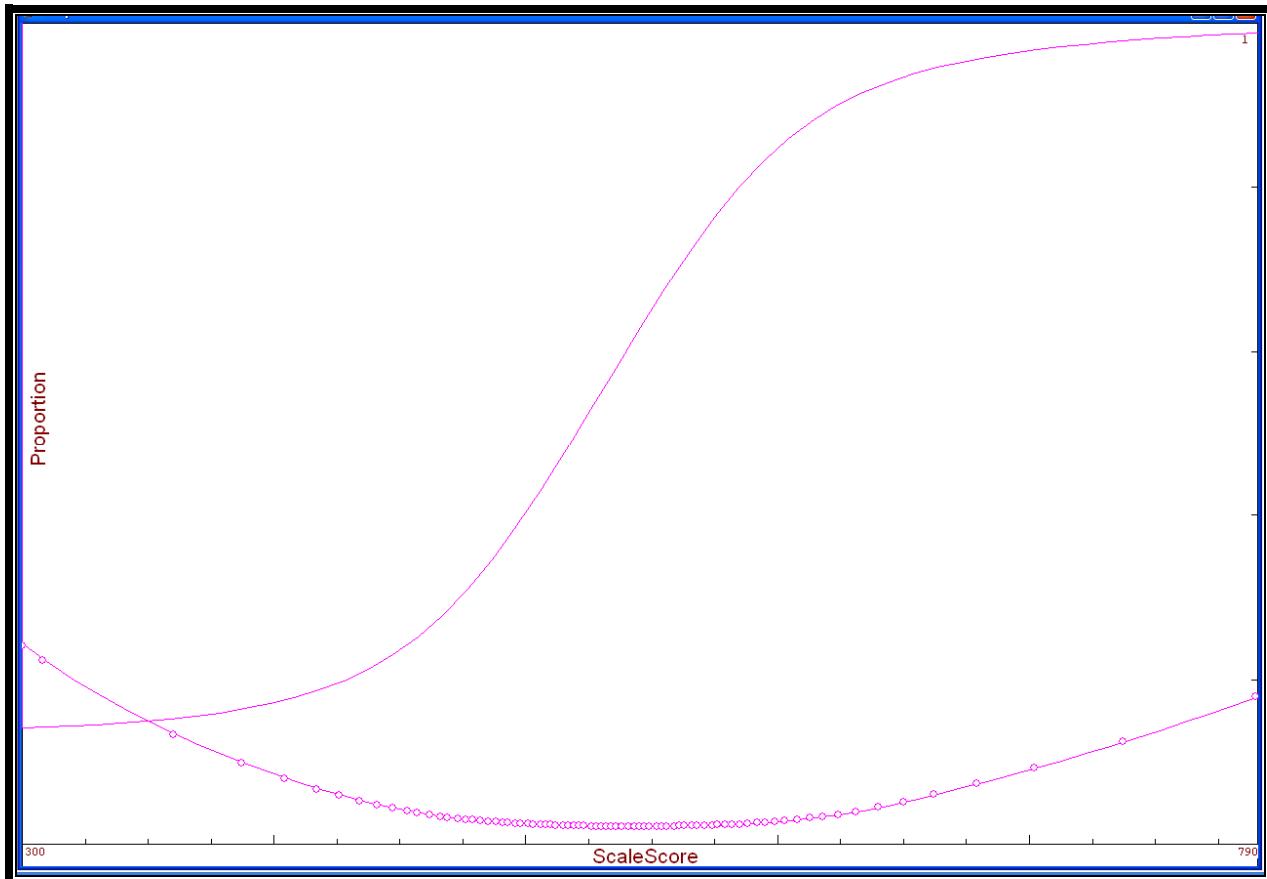


Figure 32. CSAP Grade 3 Spanish Writing Operational Tests

Note: As this content was preequated, final transformed parameters were used and no graphical frequency distribution information is available. 2008 and 2009 parameters and curves are identical.

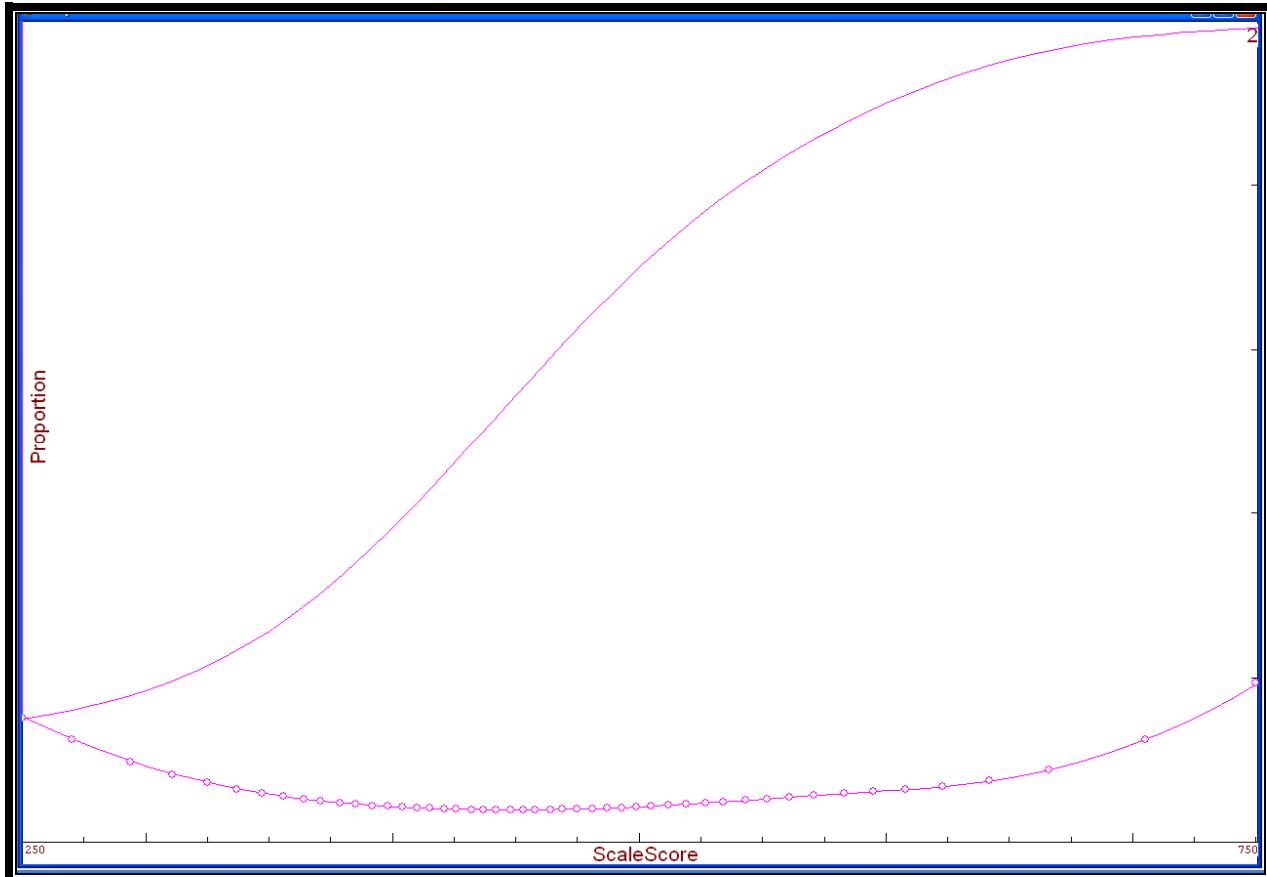


Figure 33. CSAP Grade 4 Spanish Writing Operational Tests

Note: As this content was preequated, final transformed parameters were used and no graphical frequency distribution information is available. 2008 and 2009 parameters and curves are identical.

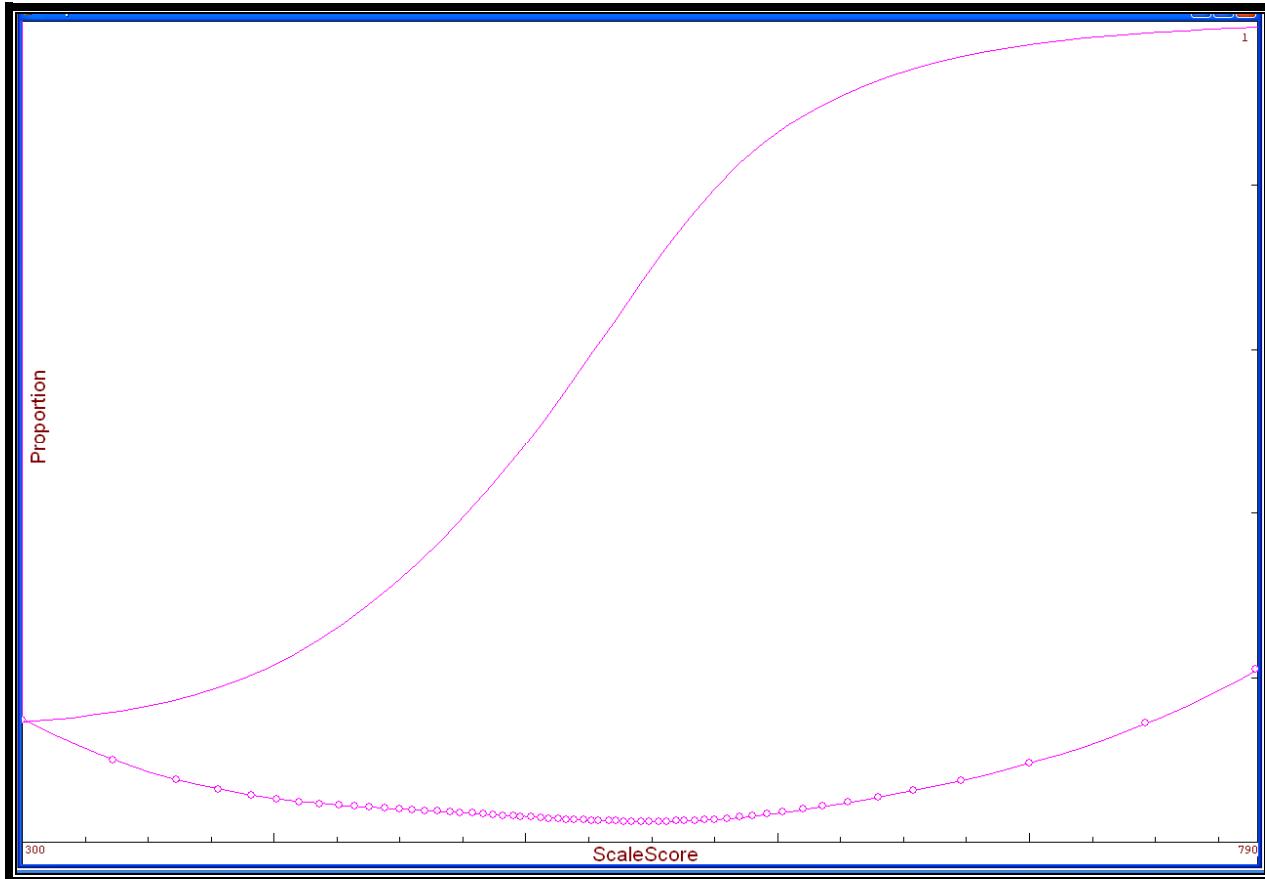
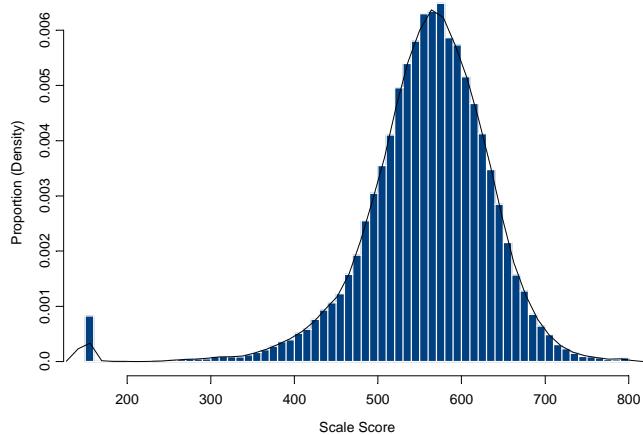
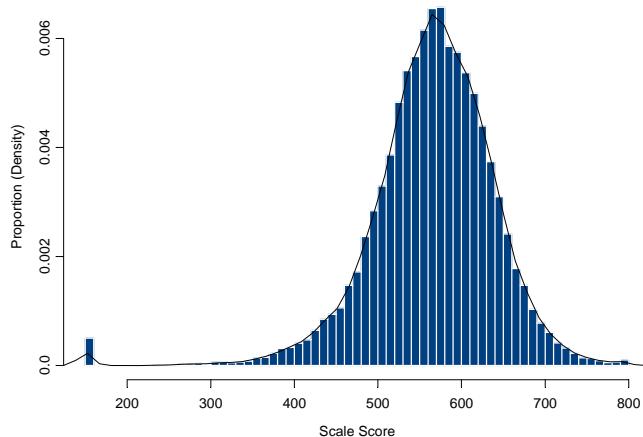


Figure 34. Reading 3 Scale Score Distributions for the Total Population, Female, and Male Students

2009 Reading 3 Scale Score Distribution (Total)



2009 Reading 3 Scale Score Distribution (Female)



2009 Reading 3 Scale Score Distribution (Male)

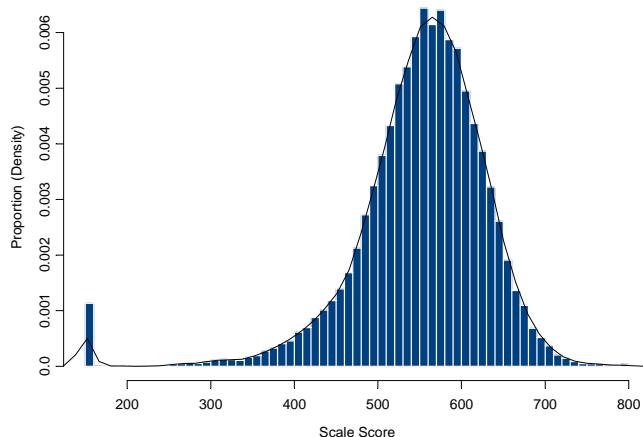


Figure 35. Spanish Reading 3 Scale Score Distributions for the Total Population, Female, and Male Students

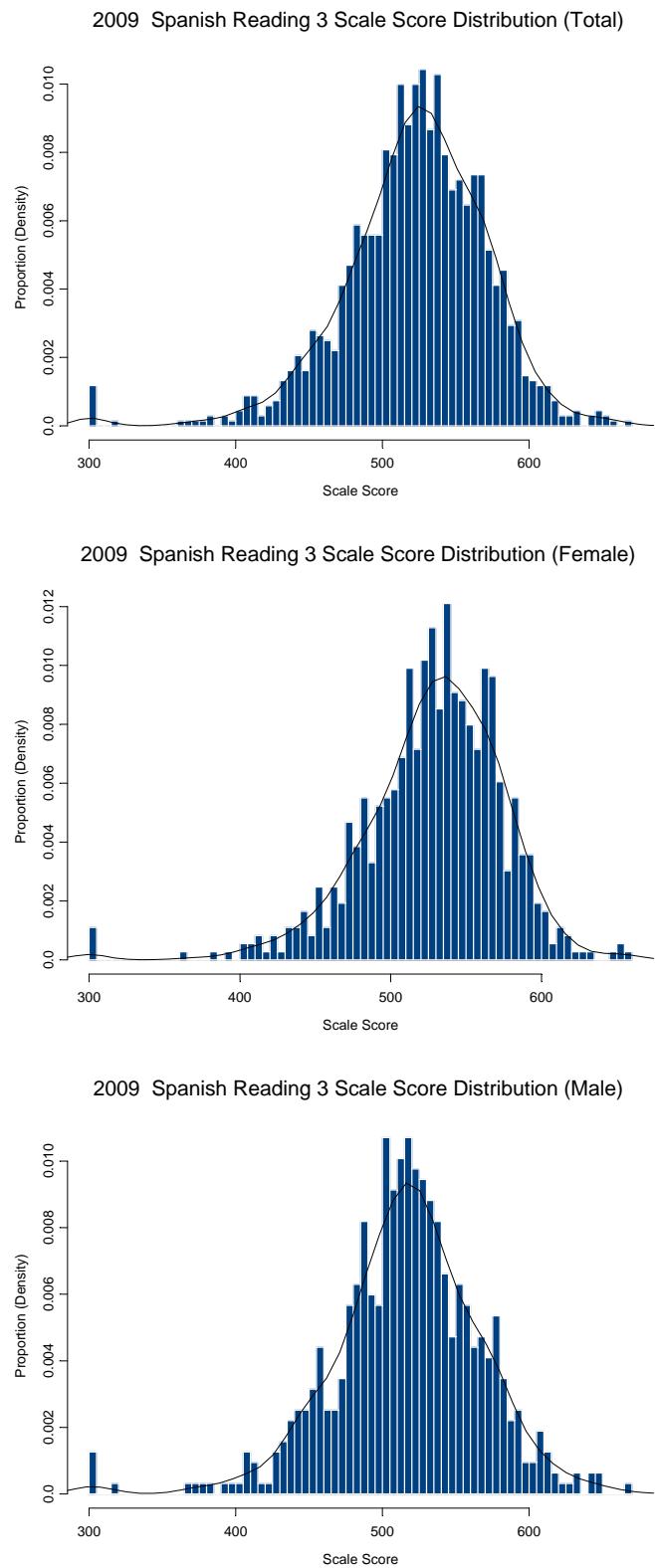


Figure 36. Writing 3 Scale Score Distributions for the Total Population, Female, and Male Students

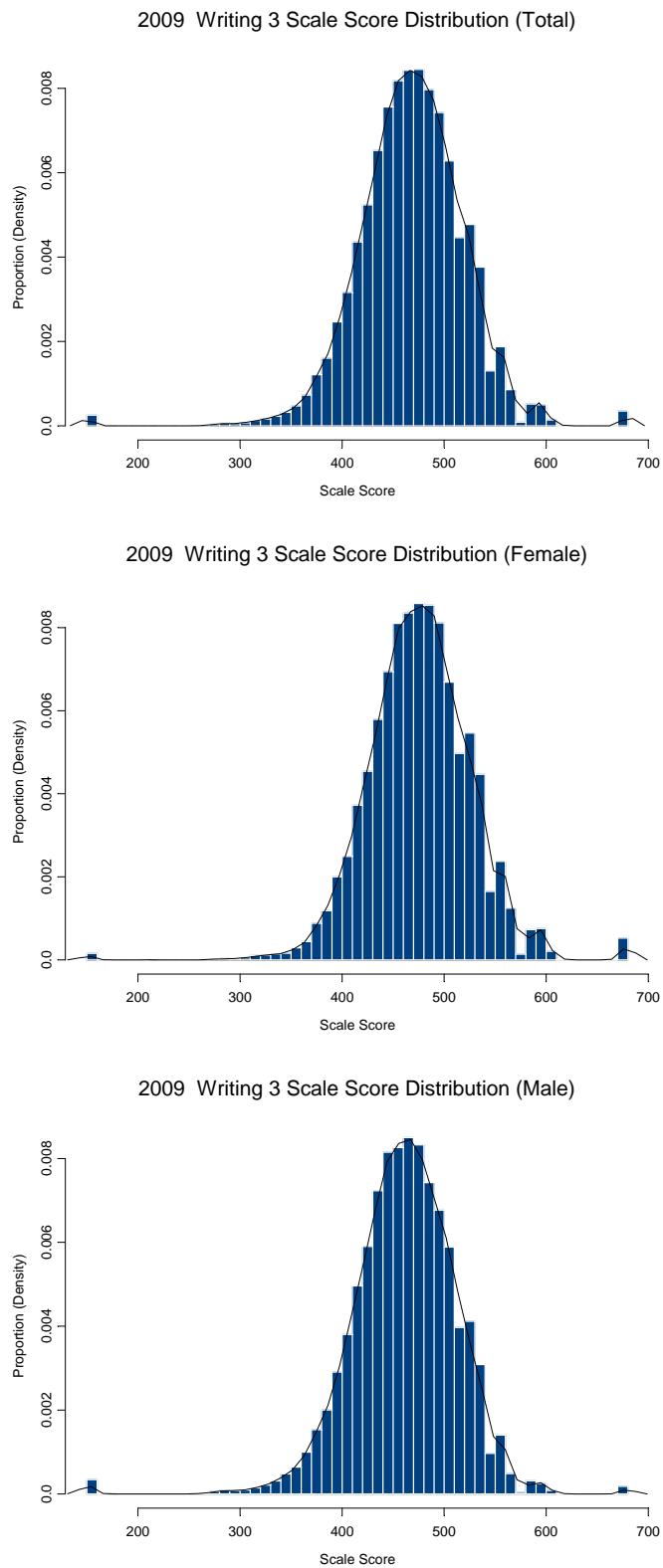


Figure 37. Spanish Writing 3 Scale Score Distributions for the Total Population, Female, and Male Students

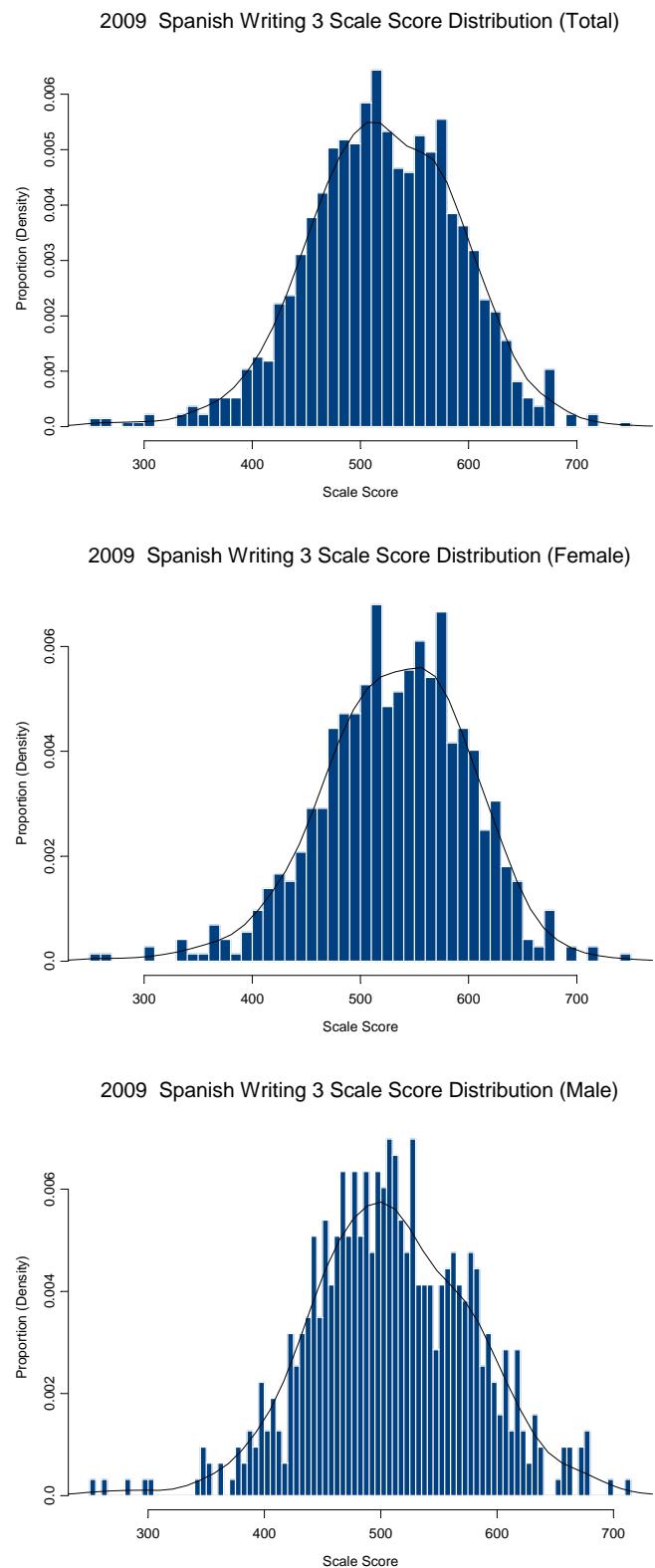


Figure 38. Mathematics 3 Scale Score Distributions for the Total Population, Female, and Male Students

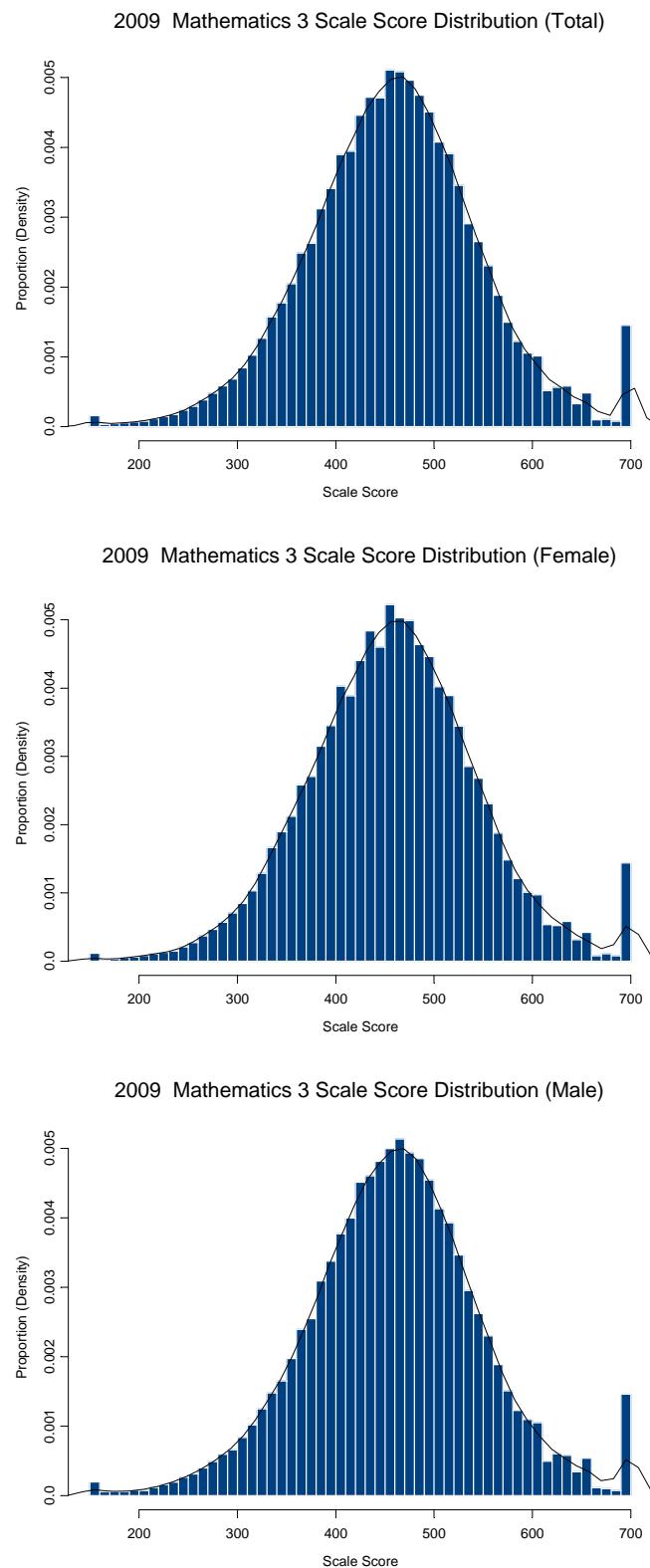
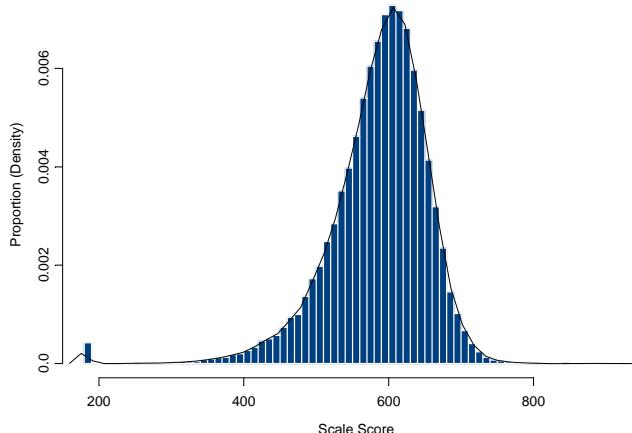
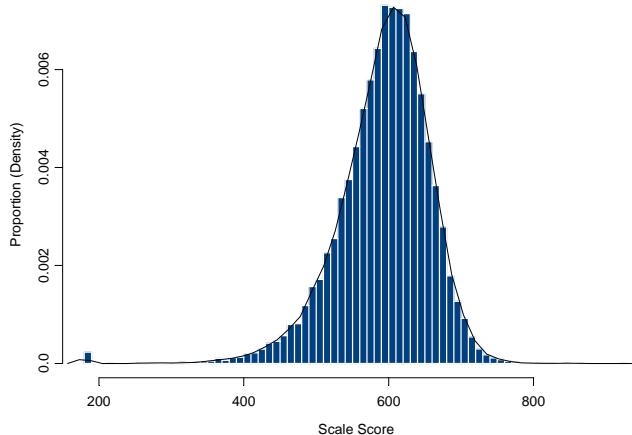


Figure 39. Reading 4 Scale Score Distributions for the Total Population, Female, and Male Students

2009 Reading 4 Scale Score Distribution (Total)



2009 Reading 4 Scale Score Distribution (Female)



2009 Reading 4 Scale Score Distribution (Male)

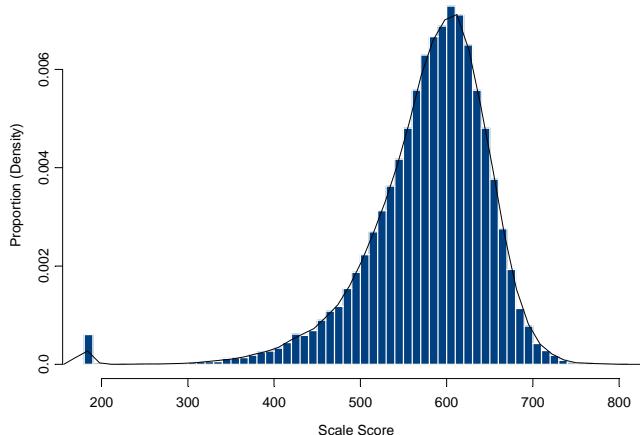


Figure 40. Spanish Reading 4 Scale Score Distributions for the Total Population, Female, and Male Students

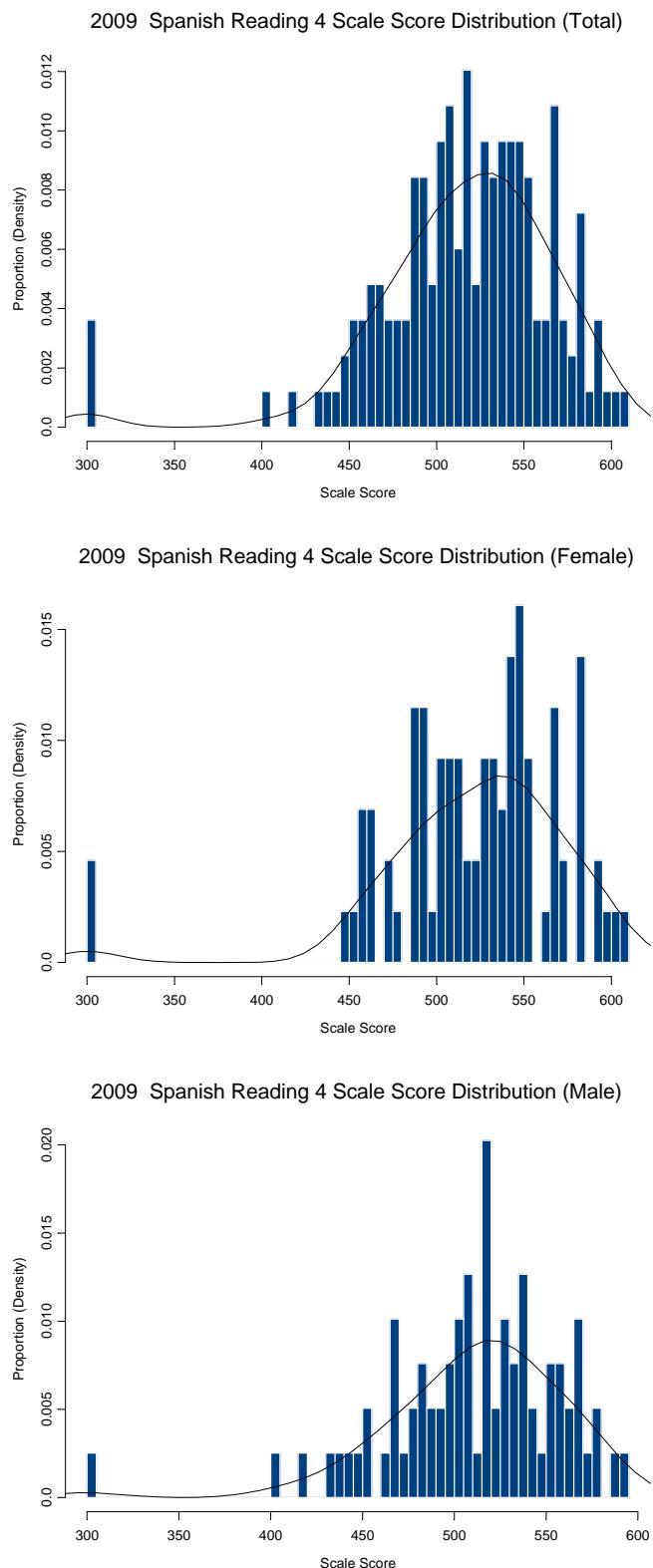


Figure 41. Writing 4 Scale Score Distributions for the Total Population, Female, and Male Students

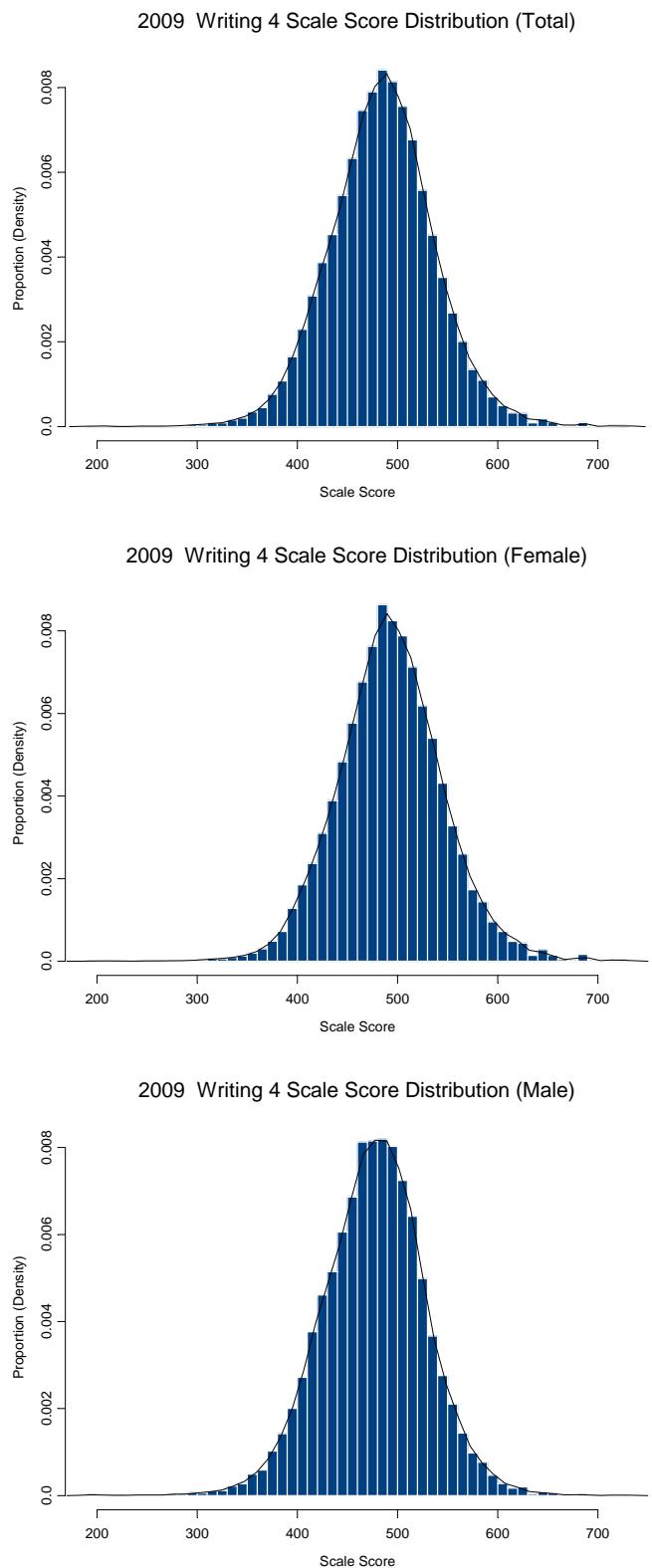


Figure 42. Spanish Writing 4 Scale Score Distributions for the Total Population, Female, and Male Students

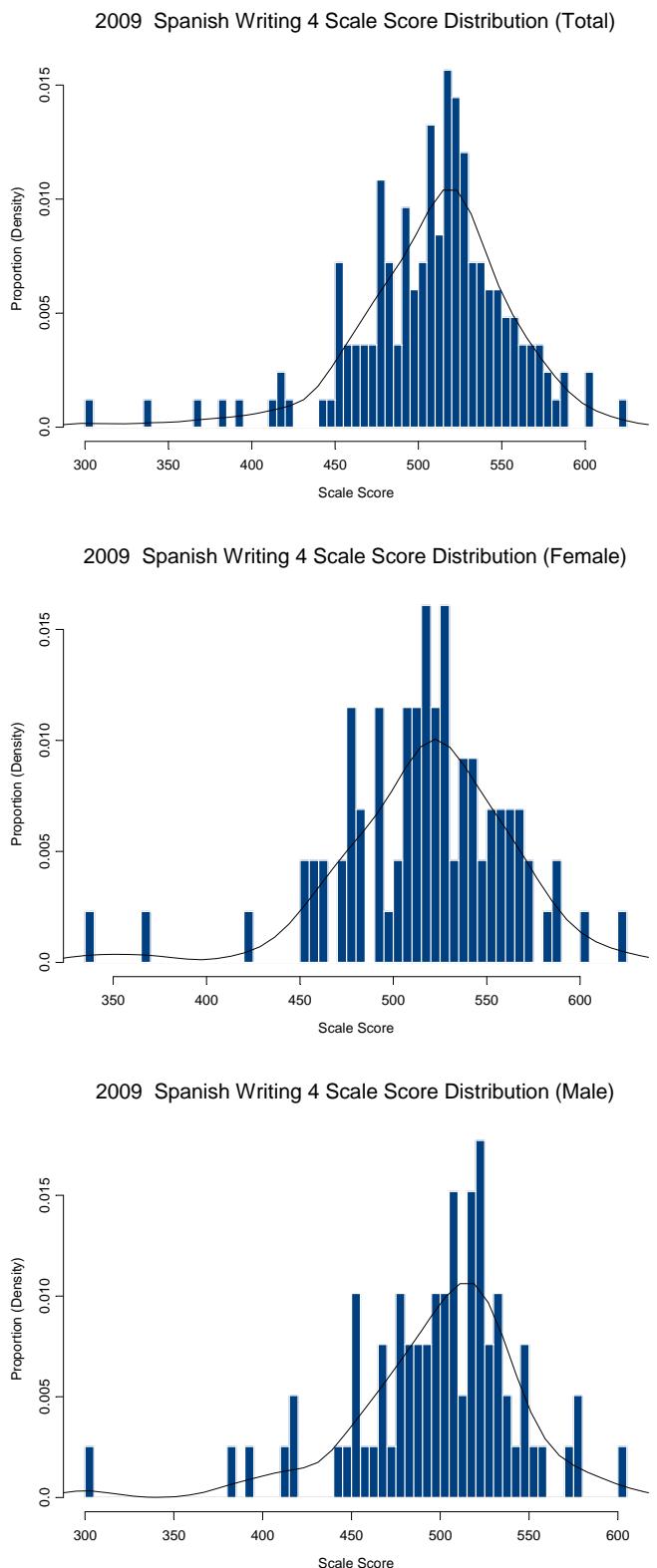


Figure 43. Mathematics 4 Scale Score Distributions for the Total Population, Female, and Male Students

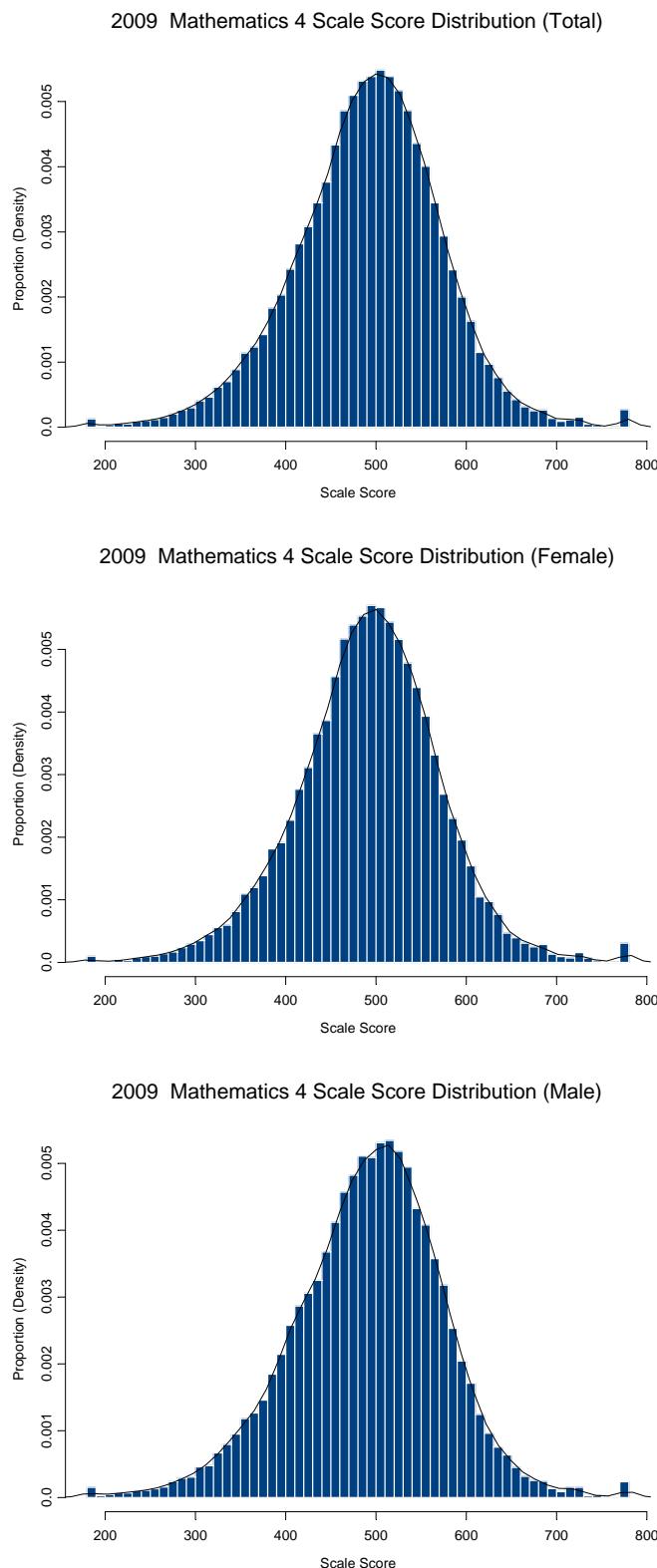
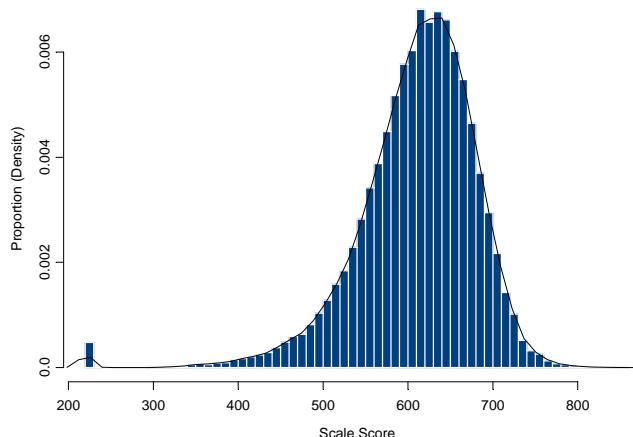
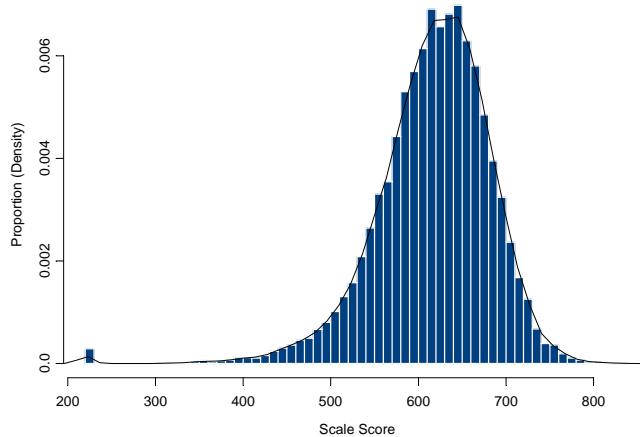


Figure 44. Reading 5 Scale Score Distributions for the Total Population, Female, and Male Students

2009 Reading 5 Scale Score Distribution (Total)



2009 Reading 5 Scale Score Distribution (Female)



2009 Reading 5 Scale Score Distribution (Male)

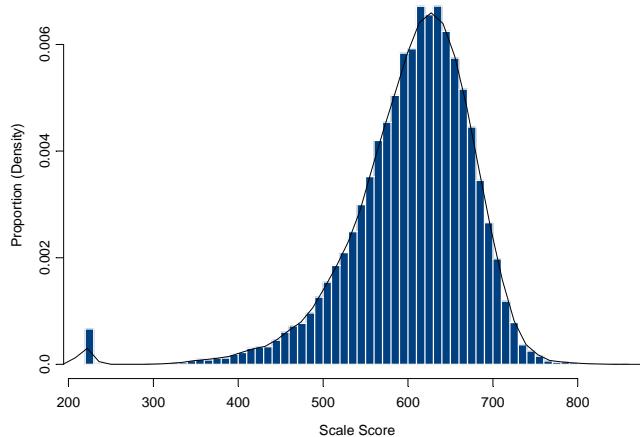


Figure 45. Writing 5 Scale Score Distributions for the Total Population, Female, and Male Students

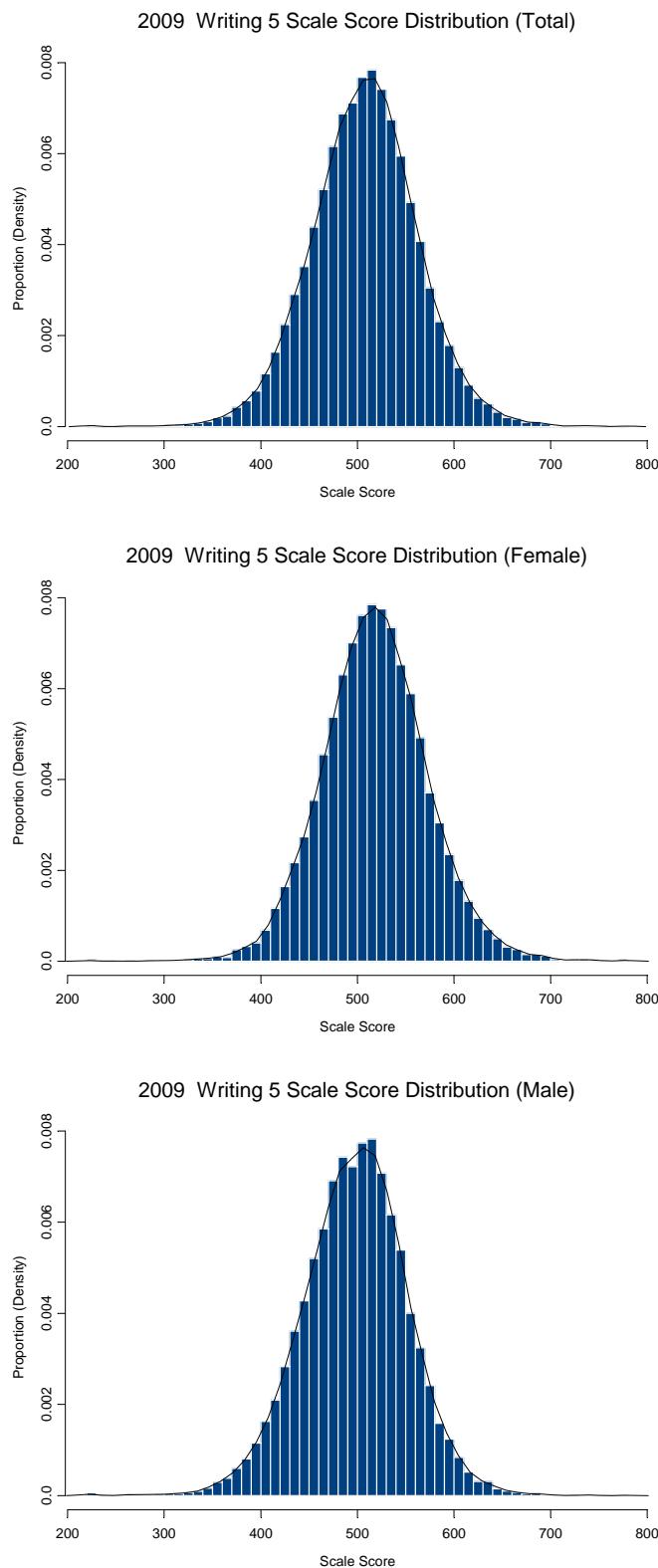


Figure 46. Mathematics 5 Scale Score Distributions for the Total Population, Female, and Male Students

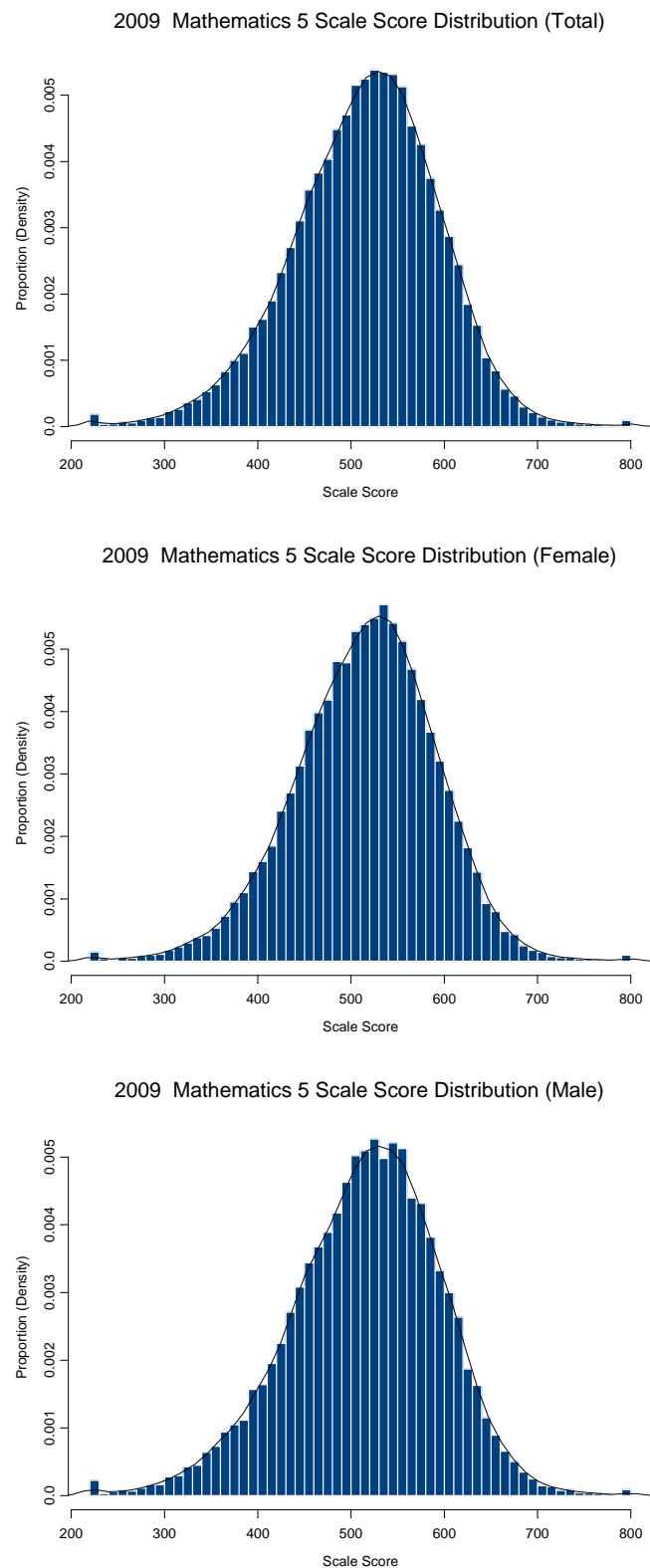


Figure 47. Science 5 Scale Score Distributions for the Total Population, Female, and Male Students

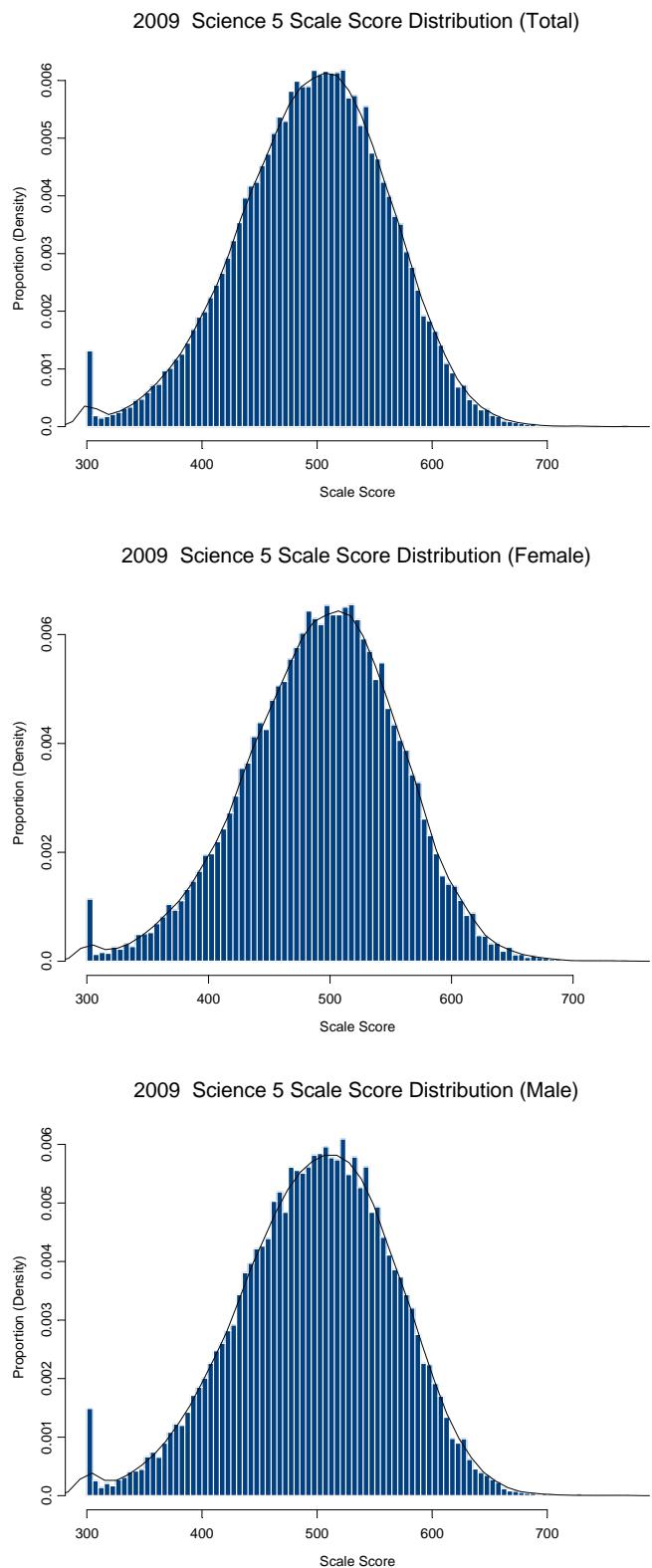
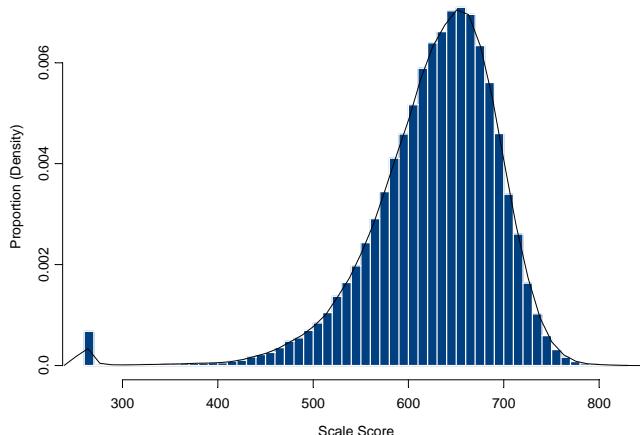
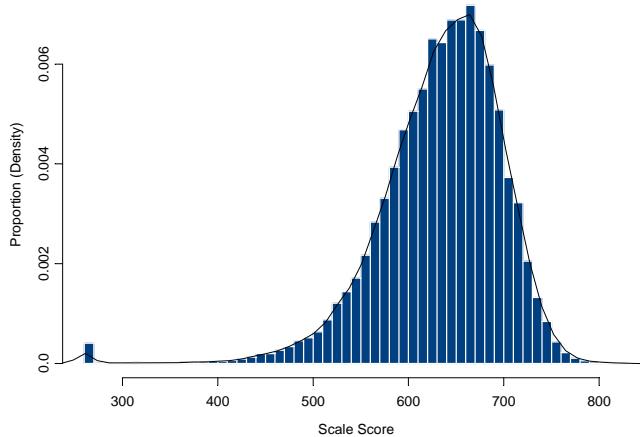


Figure 48. Reading 6 Scale Score Distributions for the Total Population, Female, and Male Students

2009 Reading 6 Scale Score Distribution (Total)



2009 Reading 6 Scale Score Distribution (Female)



2009 Reading 6 Scale Score Distribution (Male)

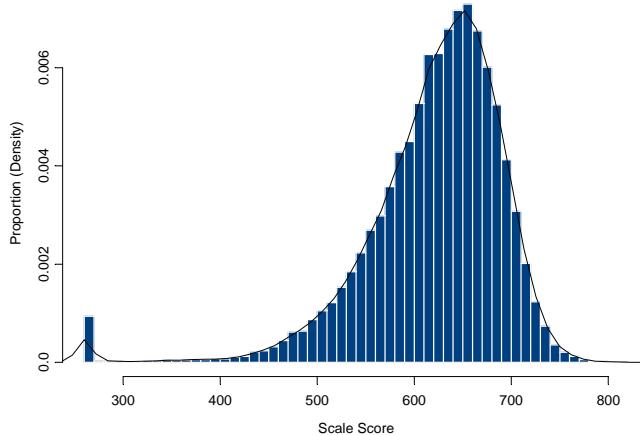
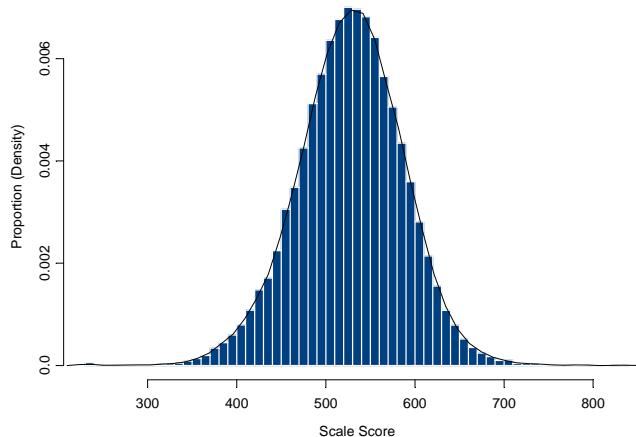
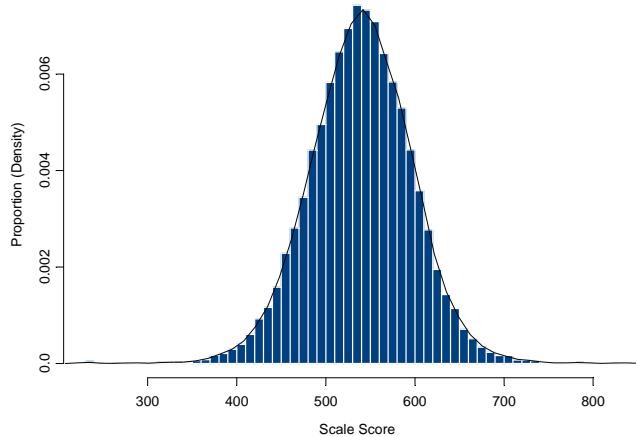


Figure 49. Writing 6 Scale Score Distributions for the Total Population, Female, and Male Students

2009 Writing 6 Scale Score Distribution (Total)



2009 Writing 6 Scale Score Distribution (Female)



2009 Writing 6 Scale Score Distribution (Male)

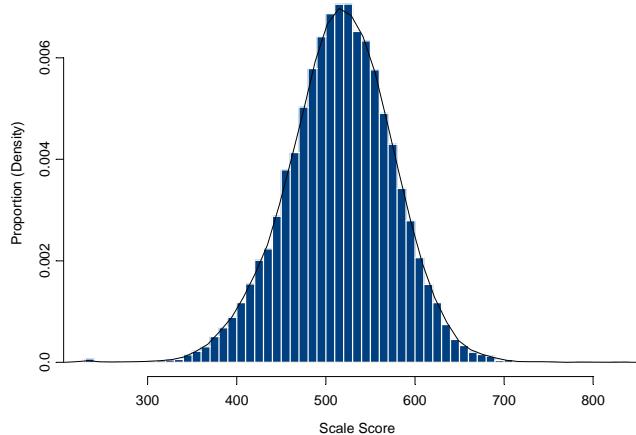


Figure 50. Mathematics 6 Scale Score Distributions for the Total Population, Female, and Male Students

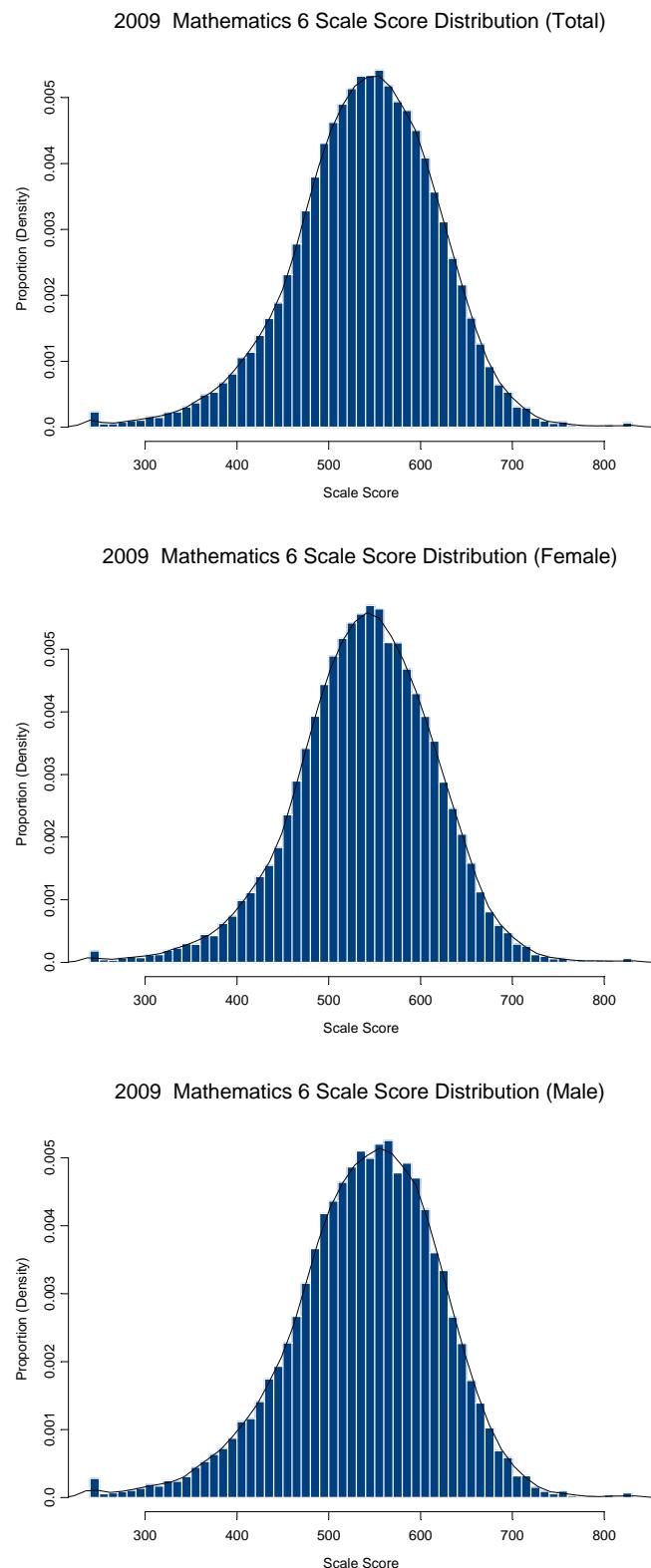
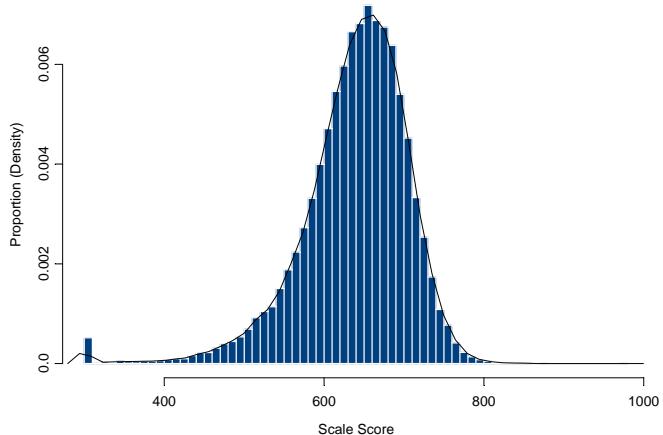
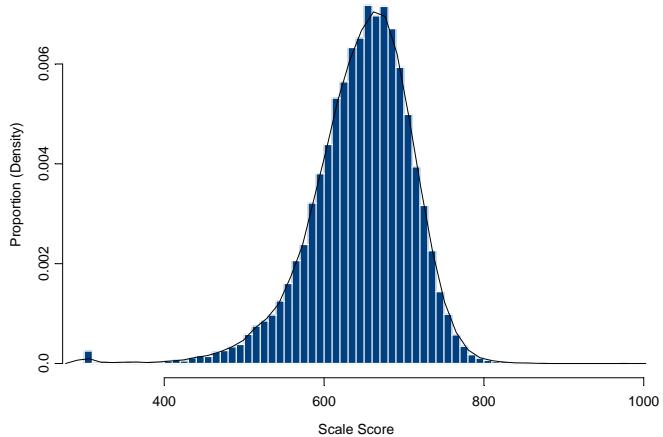


Figure 51. Reading 7 Scale Score Distributions for the Total Population, Female, and Male Students

2009 Reading 7 Scale Score Distribution (Total)



2009 Reading 7 Scale Score Distribution (Female)



2009 Reading 7 Scale Score Distribution (Male)

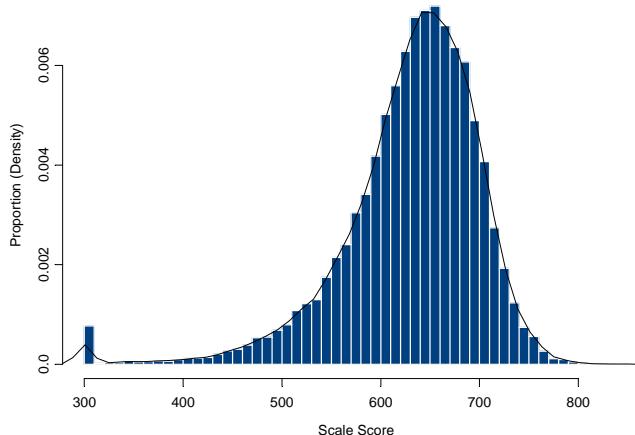


Figure 52. Writing 7 Scale Score Distributions for the Total Population, Female, and Male Students

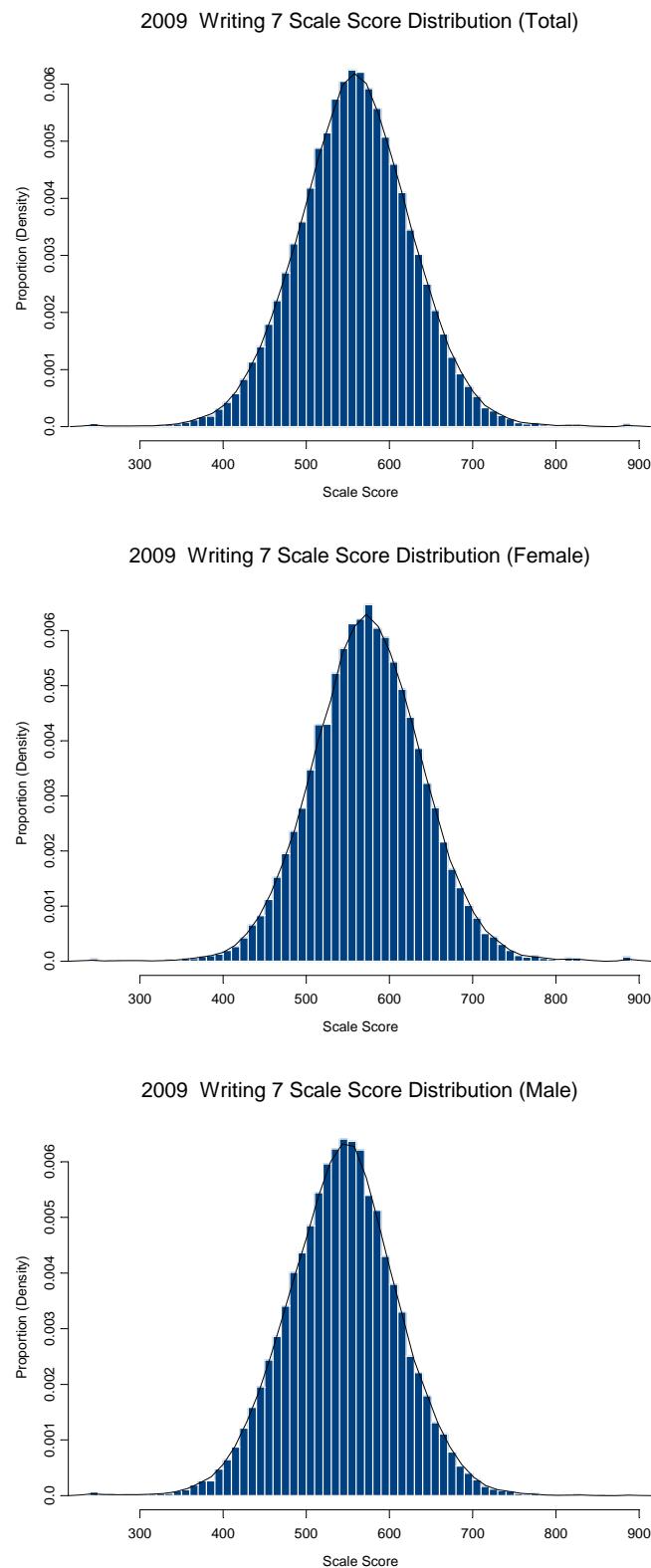


Figure 53. Mathematics 7 Scale Score Distributions for the Total Population, Female, and Male Students

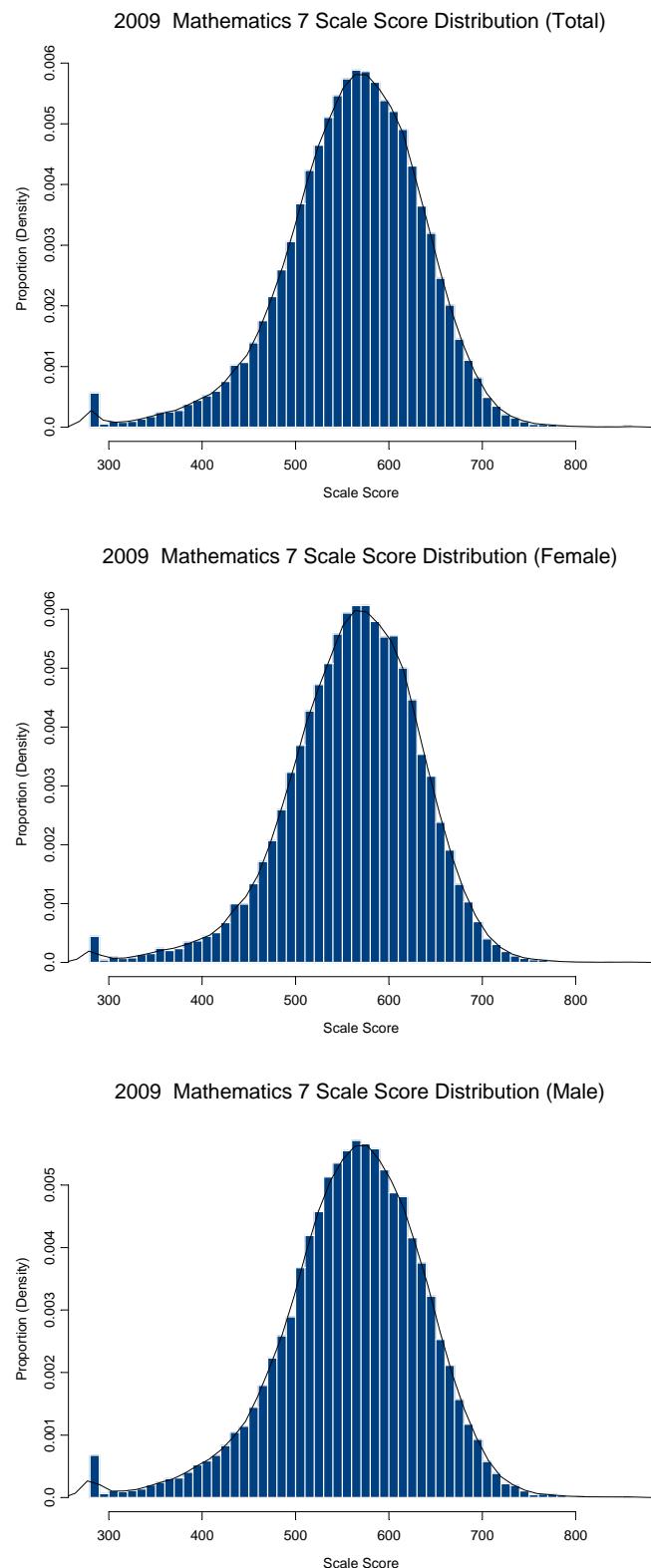
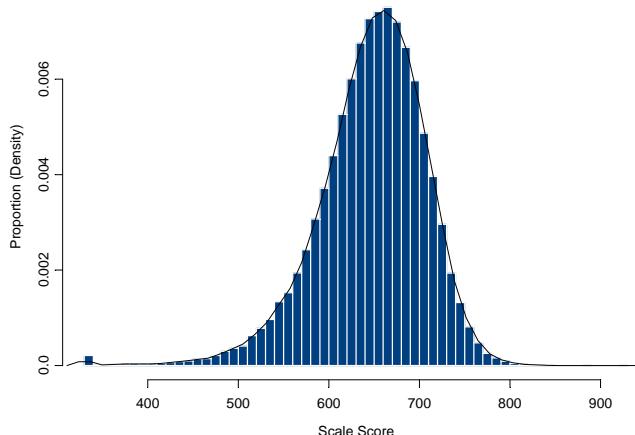
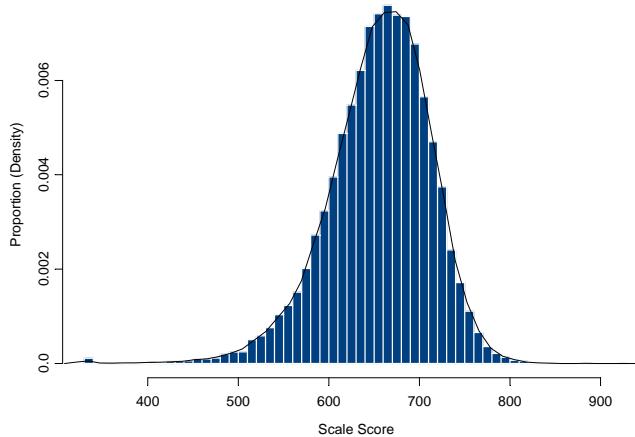


Figure 54. Reading 8 Scale Score Distributions for the Total Population, Female, and Male Students

2009 Reading 8 Scale Score Distribution (Total)



2009 Reading 8 Scale Score Distribution (Female)



2009 Reading 8 Scale Score Distribution (Male)

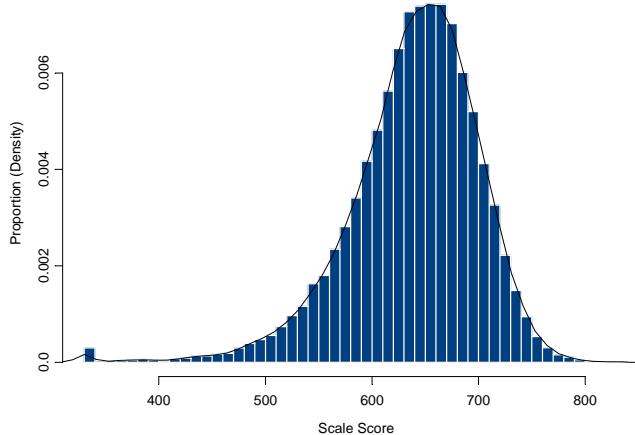


Figure 55. Writing 8 Scale Score Distributions for the Total Population, Female, and Male Students

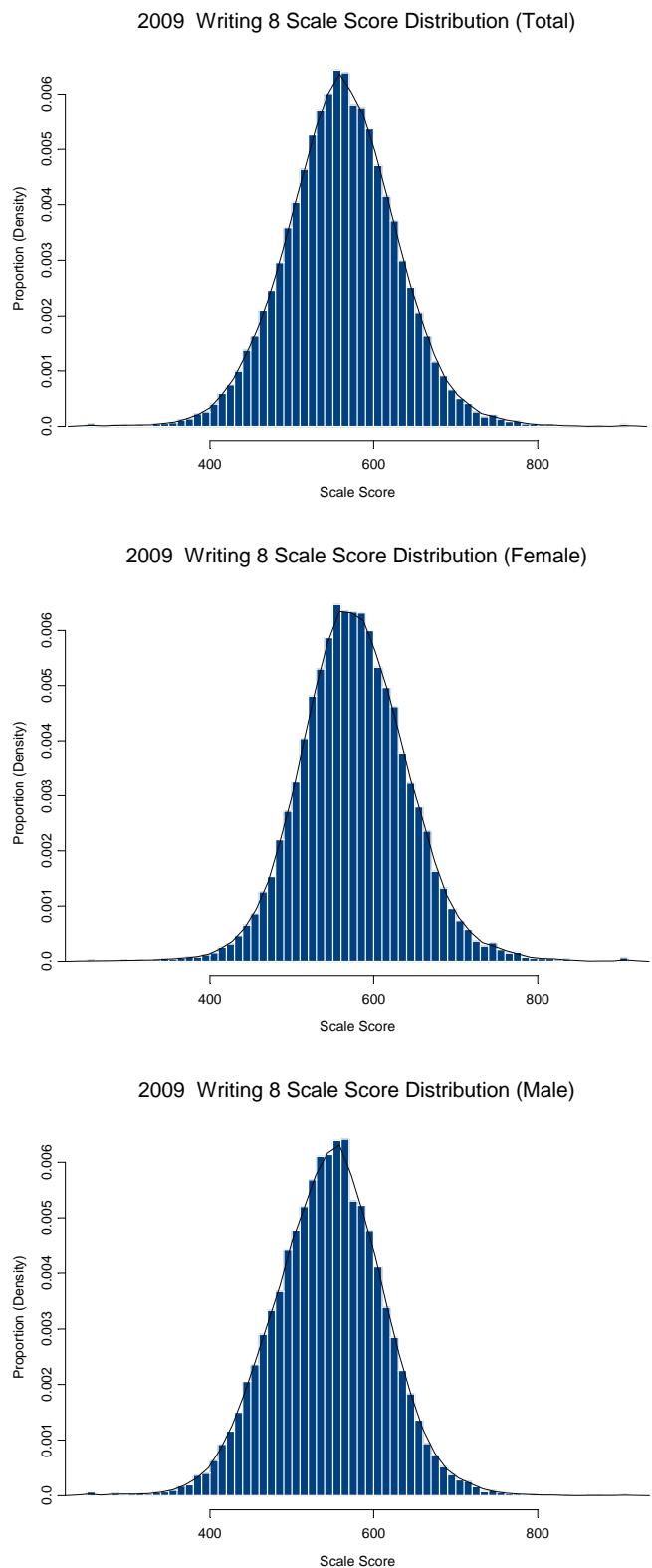


Figure 56. Mathematics 8 Scale Score Distributions for the Total Population, Female, and Male Students

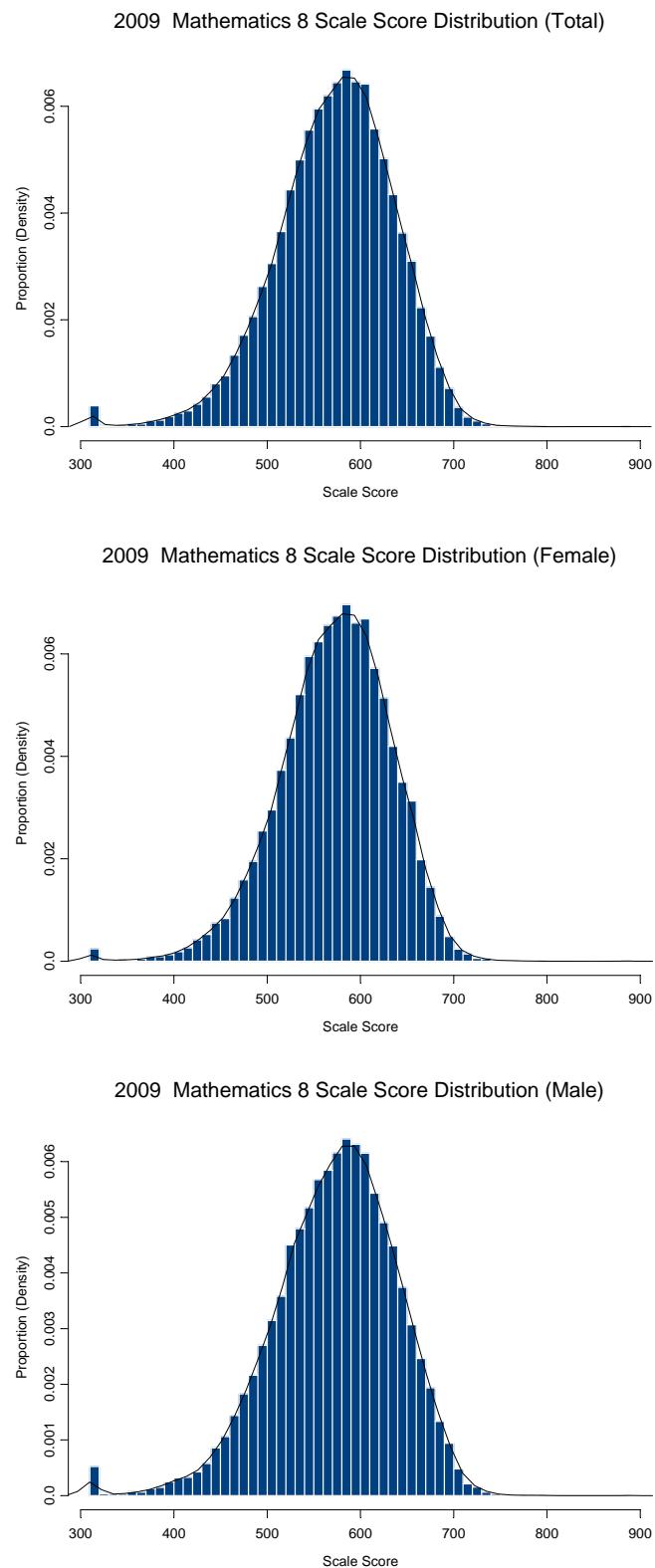
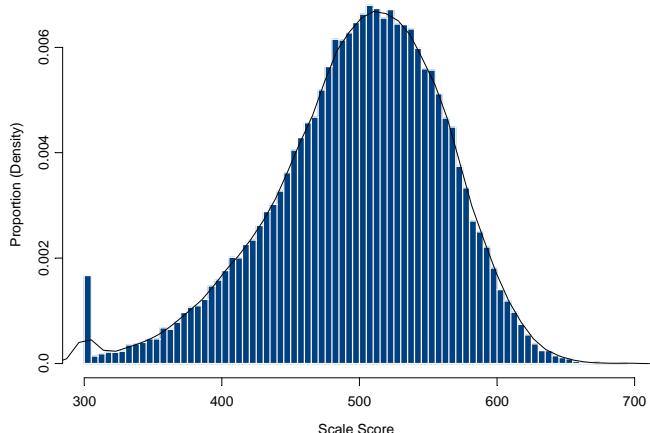
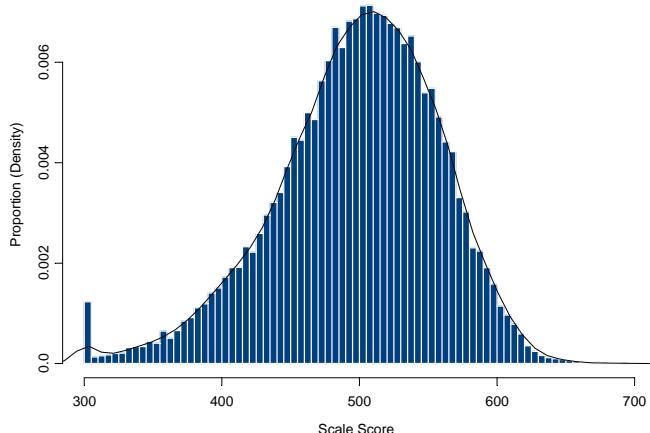


Figure 57. Science 8 Scale Score Distributions for the Total Population, Female, and Male Students

2009 Science 8 Scale Score Distribution (Total)



2009 Science 8 Scale Score Distribution (Female)



2009 Science 8 Scale Score Distribution (Male)

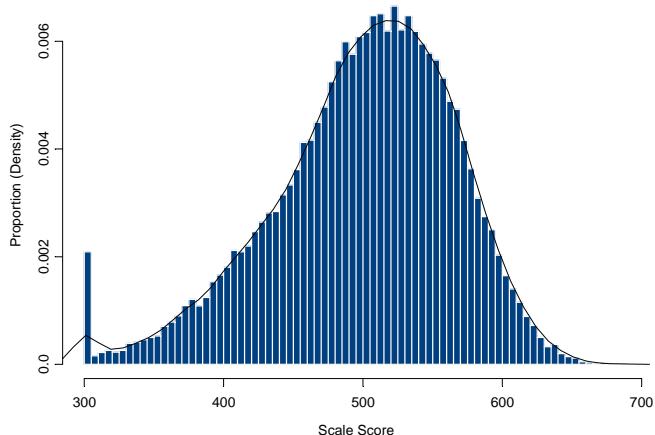
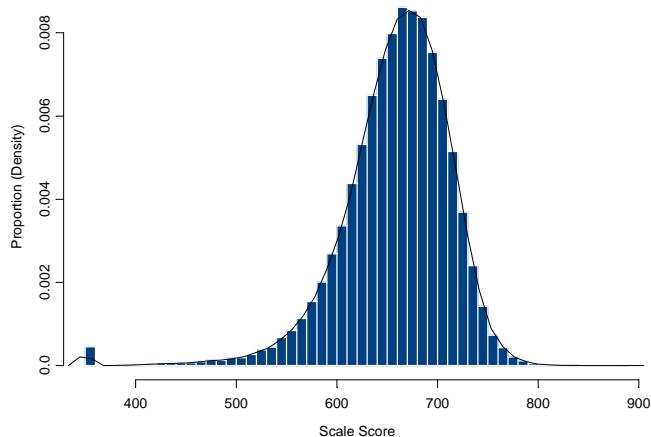
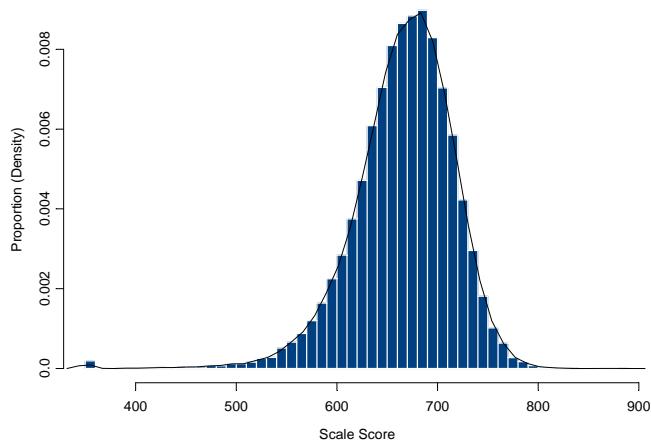


Figure 58. Reading 9 Scale Score Distributions for the Total Population, Female, and Male Students

2009 Reading 9 Scale Score Distribution (Total)



2009 Reading 9 Scale Score Distribution (Female)



2009 Reading 9 Scale Score Distribution (Male)

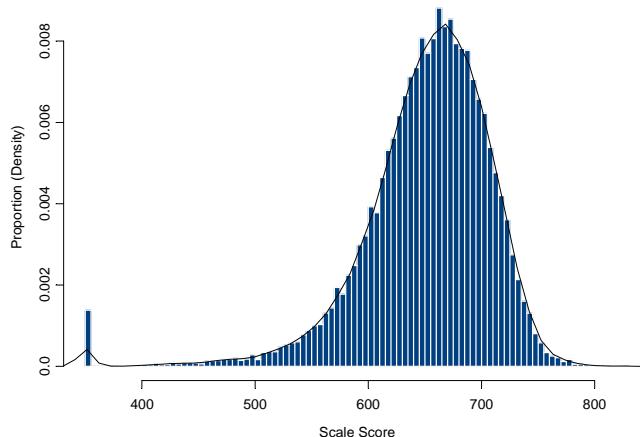
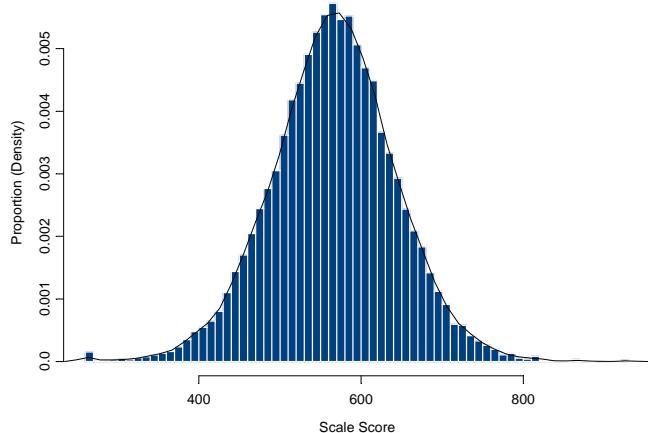
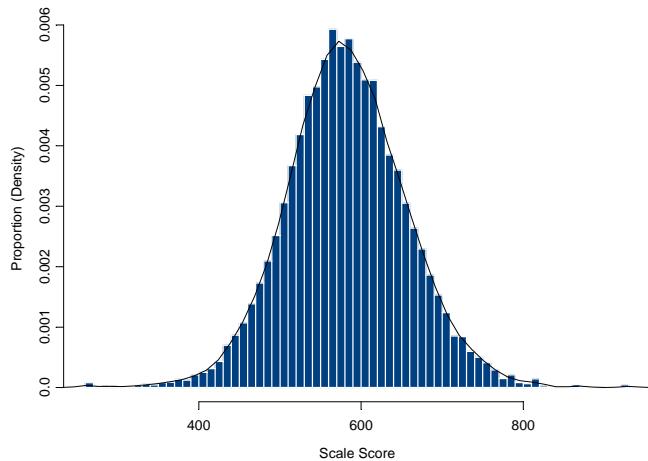


Figure 59. Writing 9 Scale Score Distributions for the Total Population, Female, and Male Students

2009 Writing 9 Scale Score Distribution (Total)



2009 Writing 9 Scale Score Distribution (Female)



2009 Writing 9 Scale Score Distribution (Male)

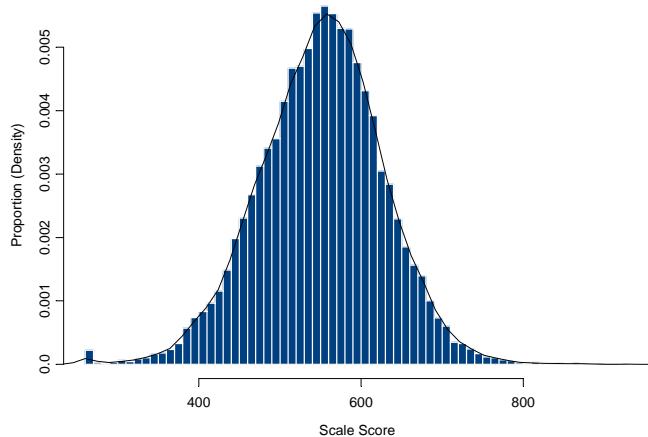


Figure 60. Mathematics 9 Scale Score Distributions for the Total Population, Female, and Male Students

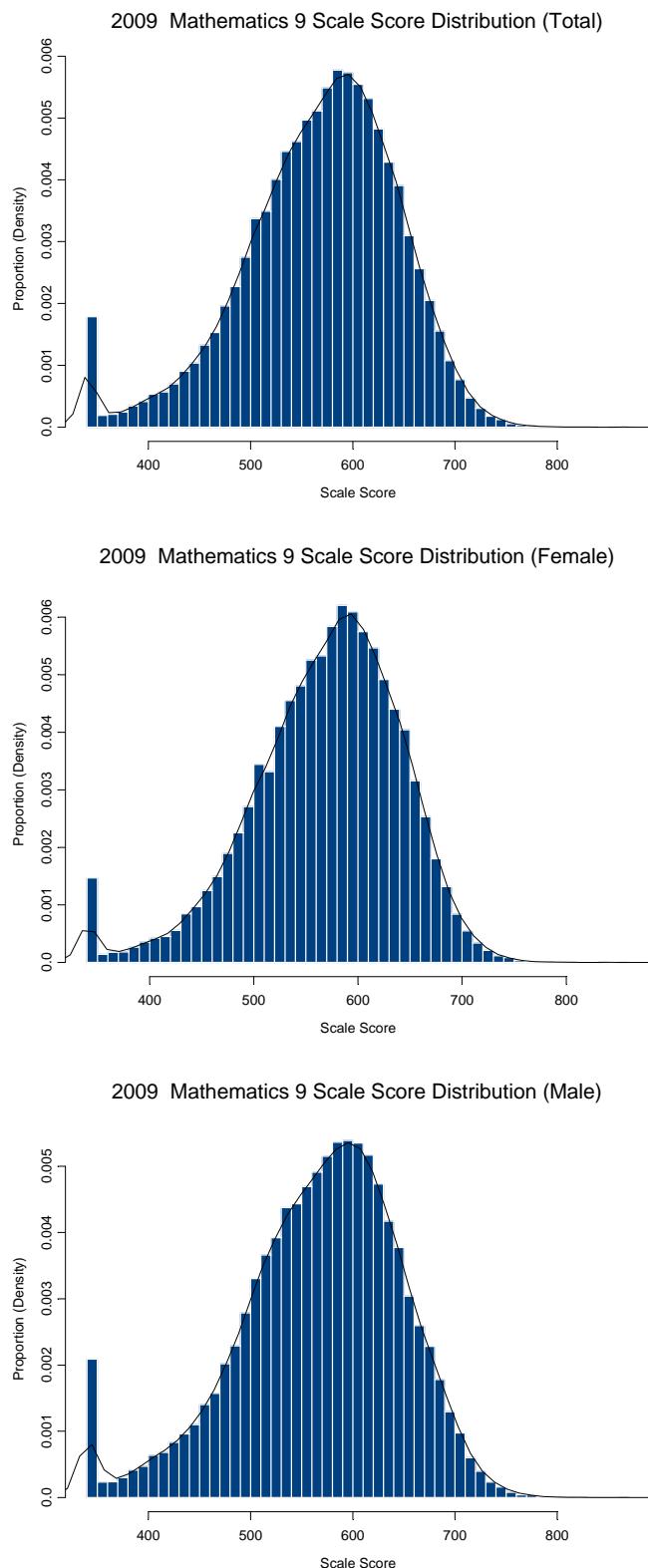
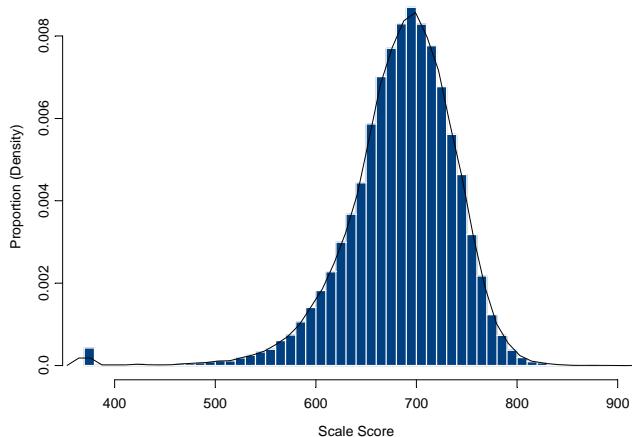
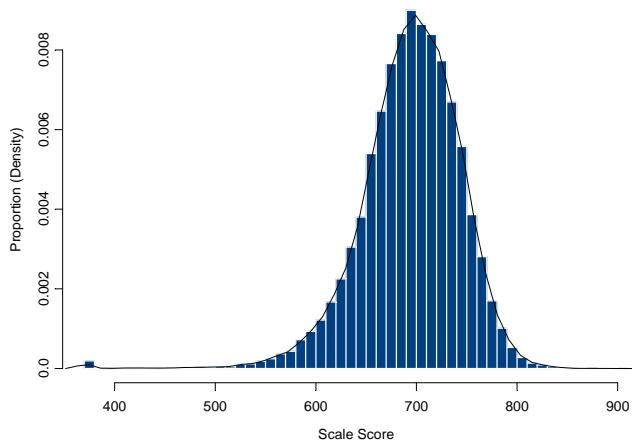


Figure 61. Reading 10 Scale Score Distributions for the Total Population, Female, and Male Students

2009 Reading 10 Scale Score Distribution (Total)



2009 Reading 10 Scale Score Distribution (Female)



2009 Reading 10 Scale Score Distribution (Male)

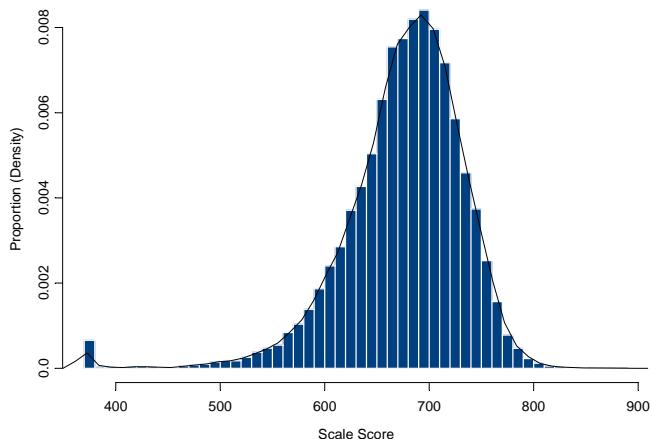
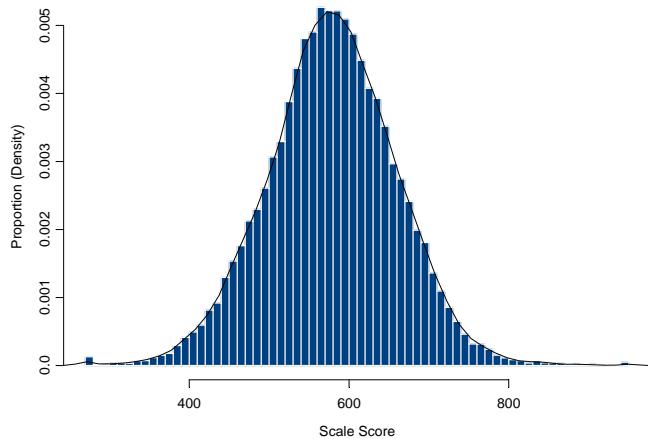
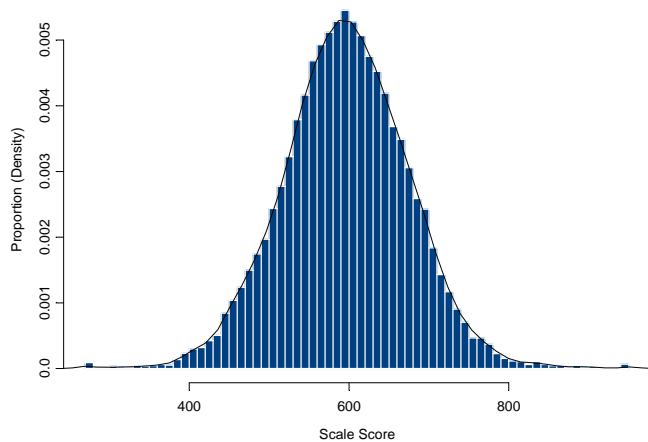


Figure 62. Writing 10 Scale Score Distributions for the Total Population, Female, and Male Students

2009 Writing 10 Scale Score Distribution (Total)



2009 Writing 10 Scale Score Distribution (Female)



2009 Writing 10 Scale Score Distribution (Male)

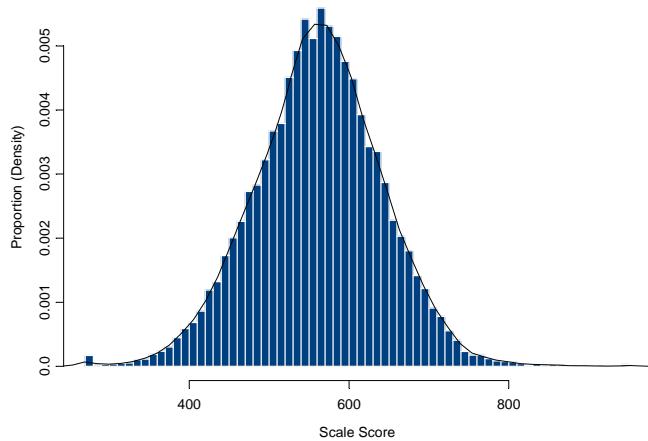


Figure 63. Mathematics 10 Scale Score Distributions for the Total Population, Female, and Male Students

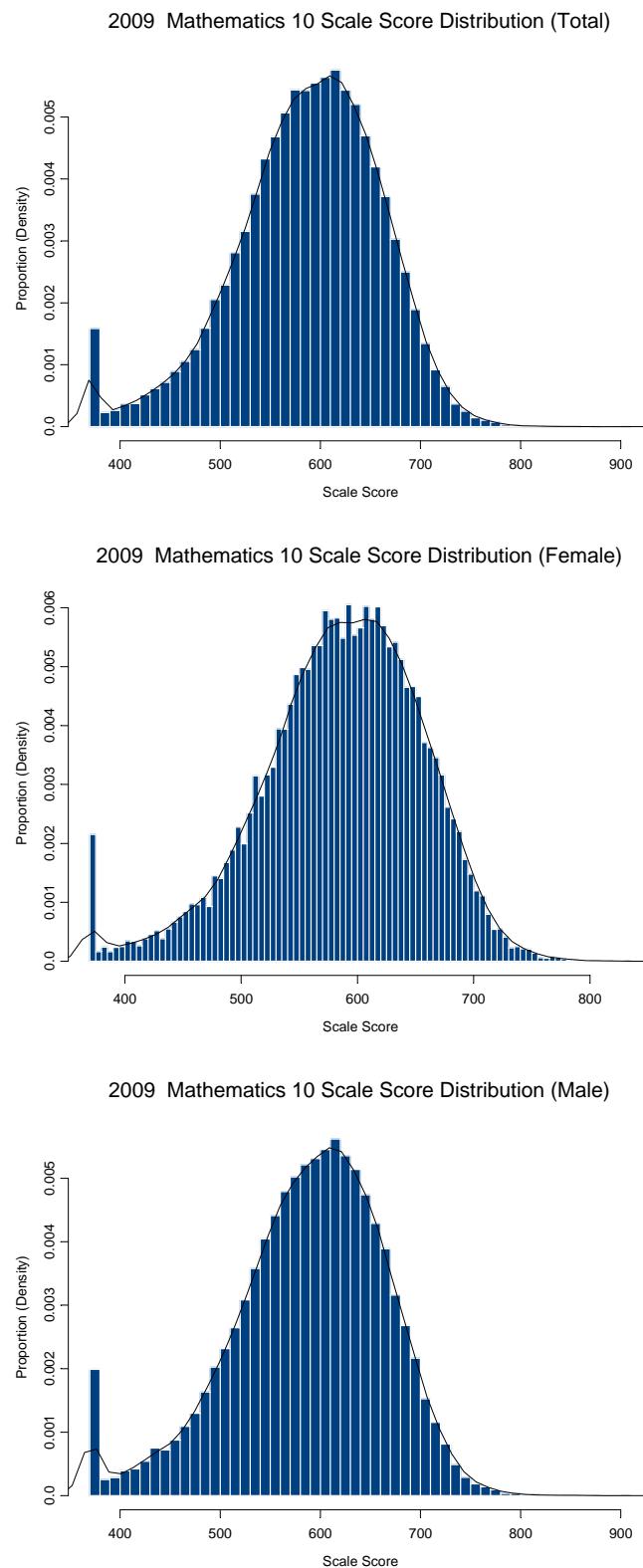
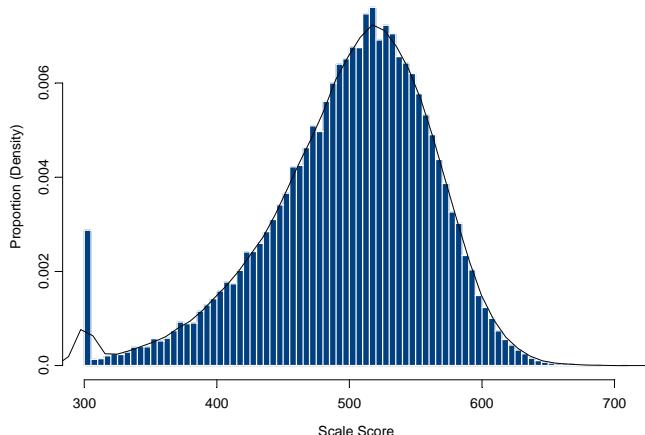
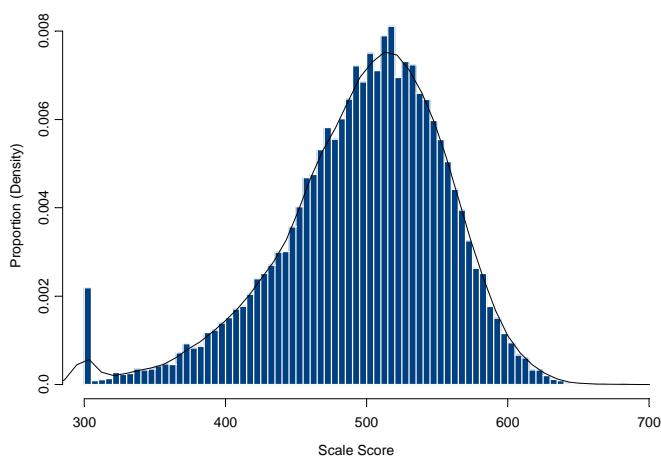


Figure 64. Science 10 Scale Score Distributions for the Total Population, Female, and Male Students

2009 Science 10 Scale Score Distribution (Total)



2009 Science 10 Scale Score Distribution (Female)



2009 Science 10 Scale Score Distribution (Male)

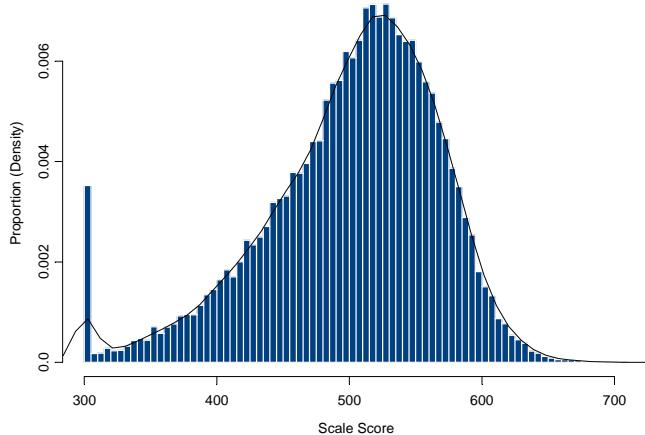


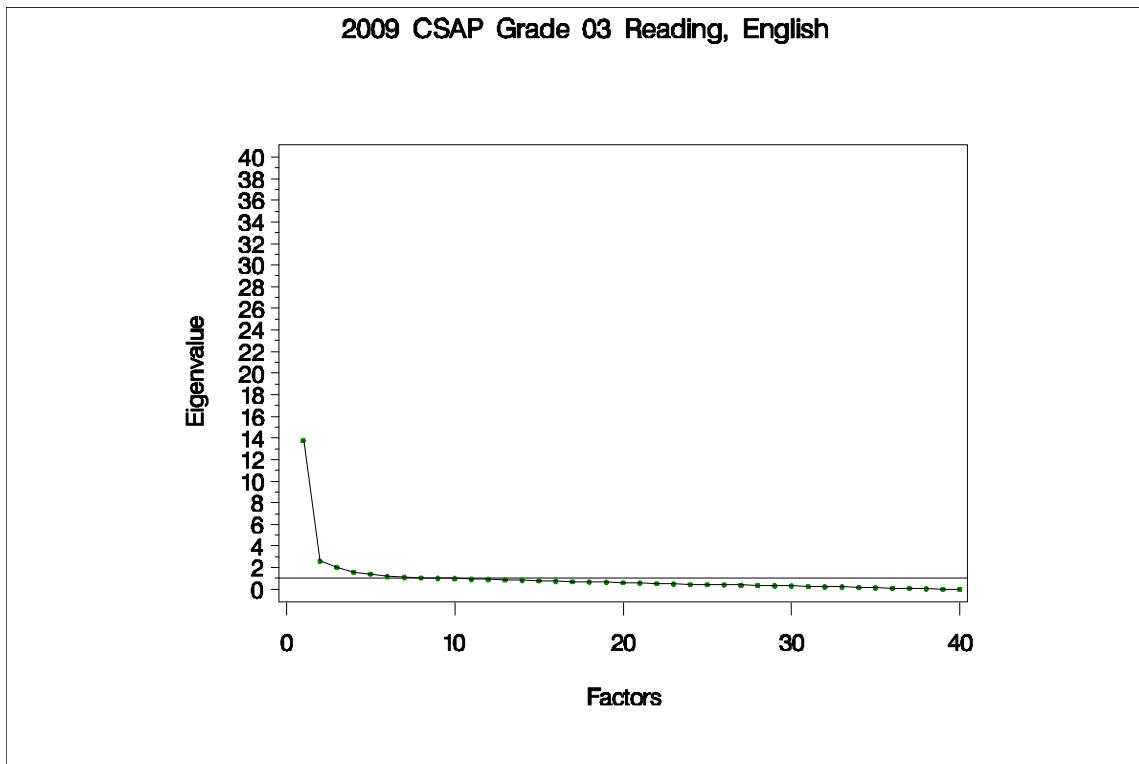
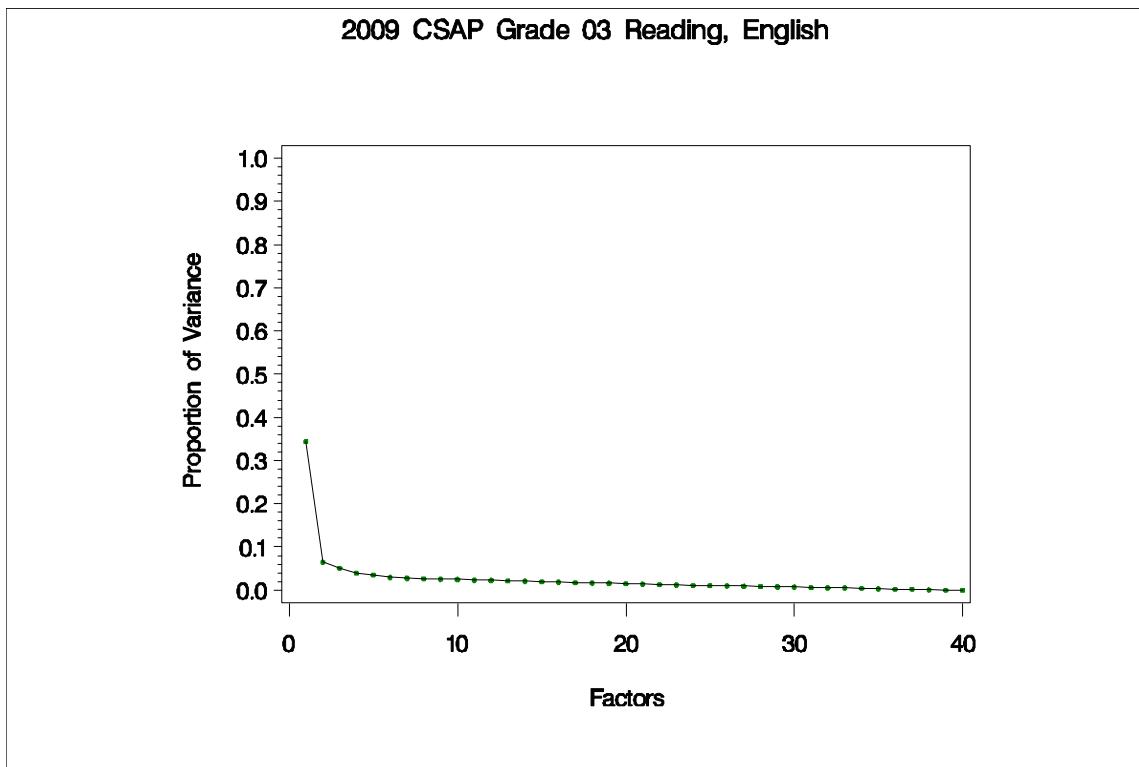
Figure 65a. Eigenvalues for CSAP Reading Grade 3**Figure 65b. Proportion of Variance by Factor for CSAP Reading Grade 3**

Figure 66a. Eigenvalues for CSAP Spanish Reading Grade 3
2009 CSAP Grade 03 Reading, Spanish

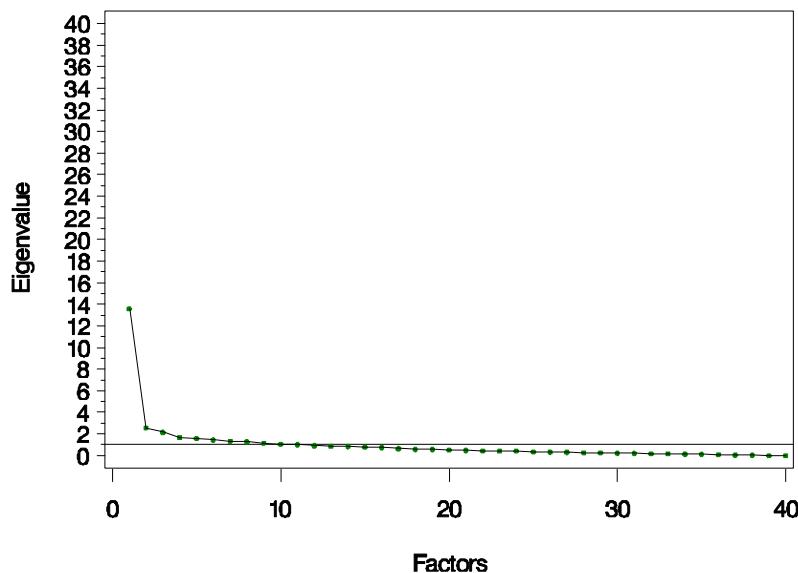


Figure 66b. Proportion of Variance by Factor for CSAP Spanish Reading Grade 3

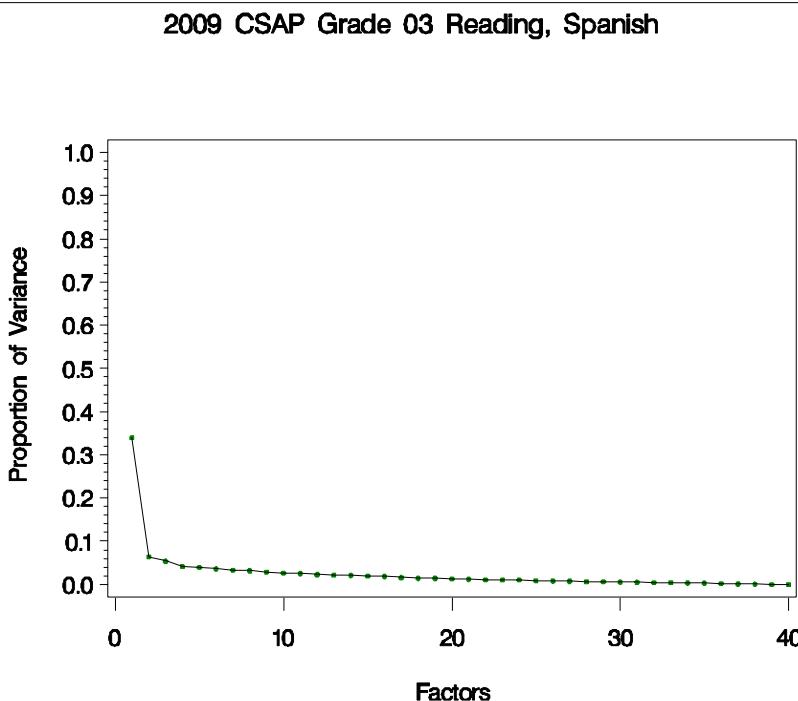


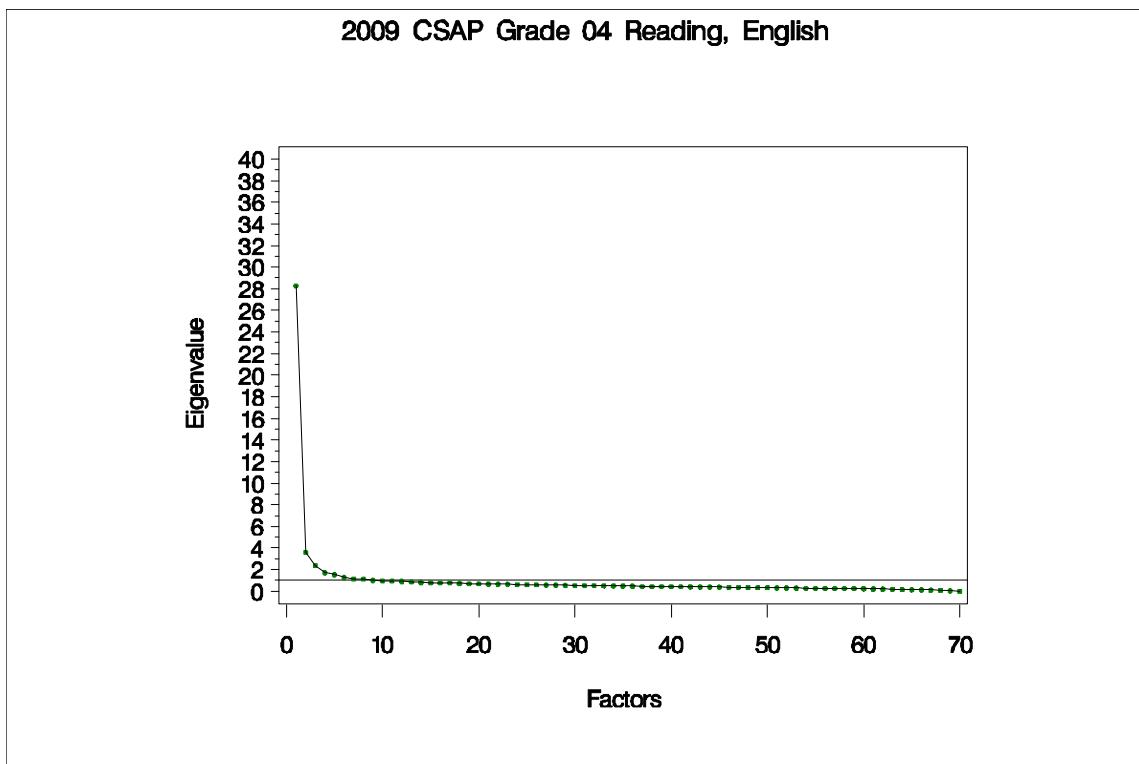
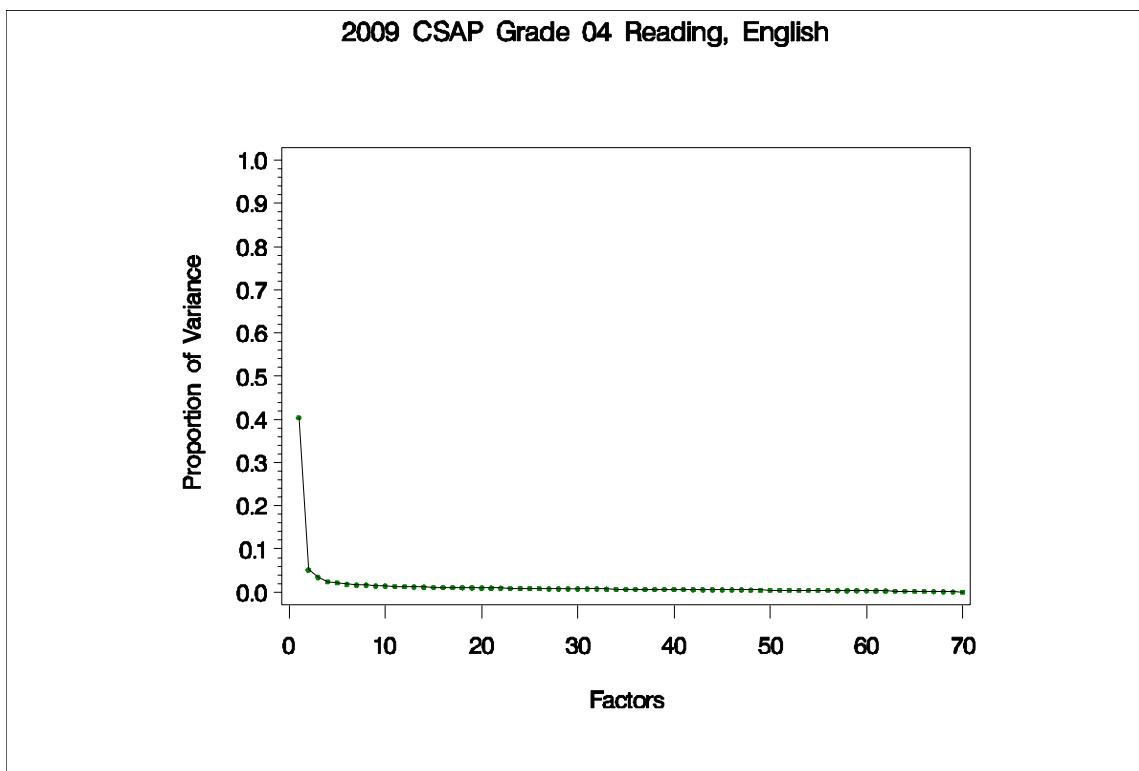
Figure 67a. Eigenvalues for CSAP Reading Grade 4**Figure 67b. Proportion of Variance by Factor for CSAP Reading Grade 4**

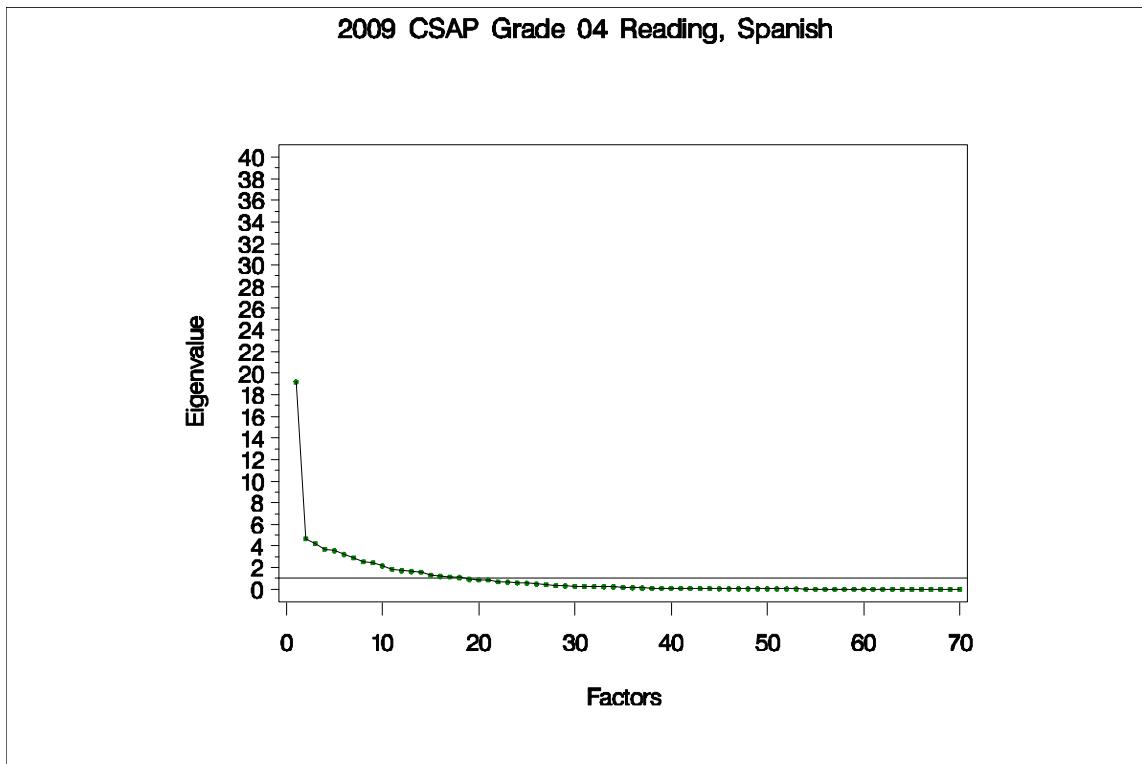
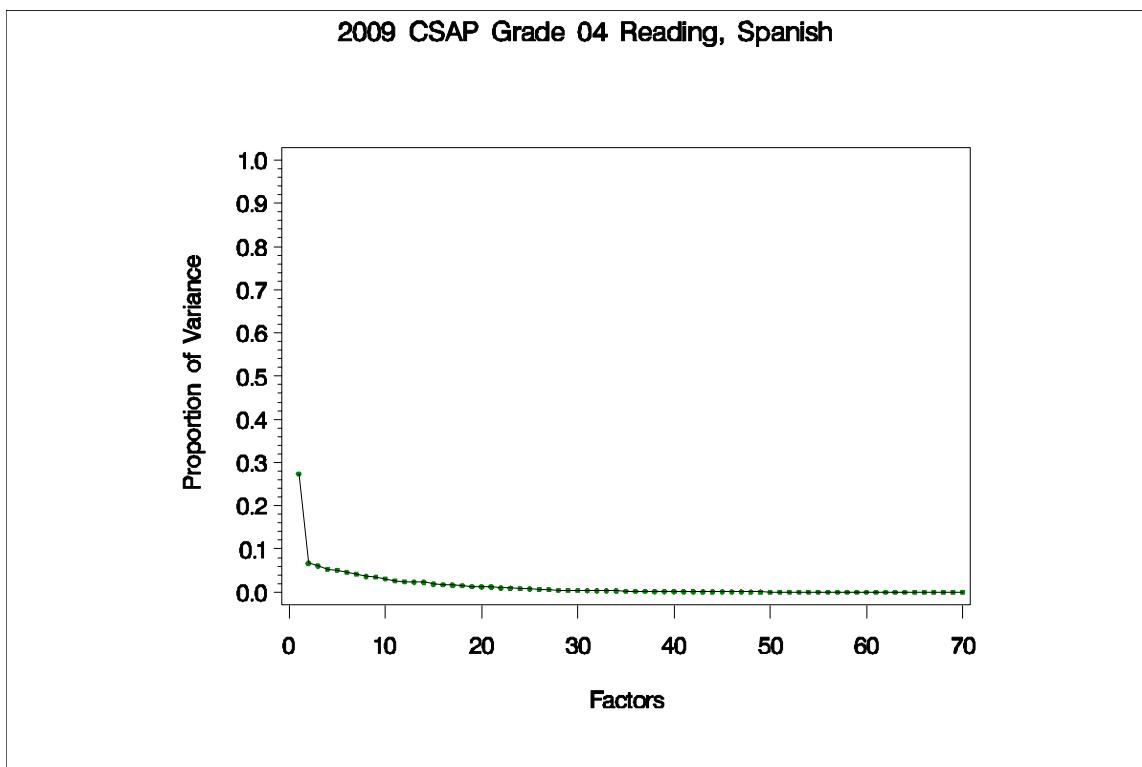
Figure 68a. Eigenvalues for CSAP Spanish Reading Grade 4**Figure 68b. Proportion of Variance by Factor for CSAP Spanish Reading Grade 4**

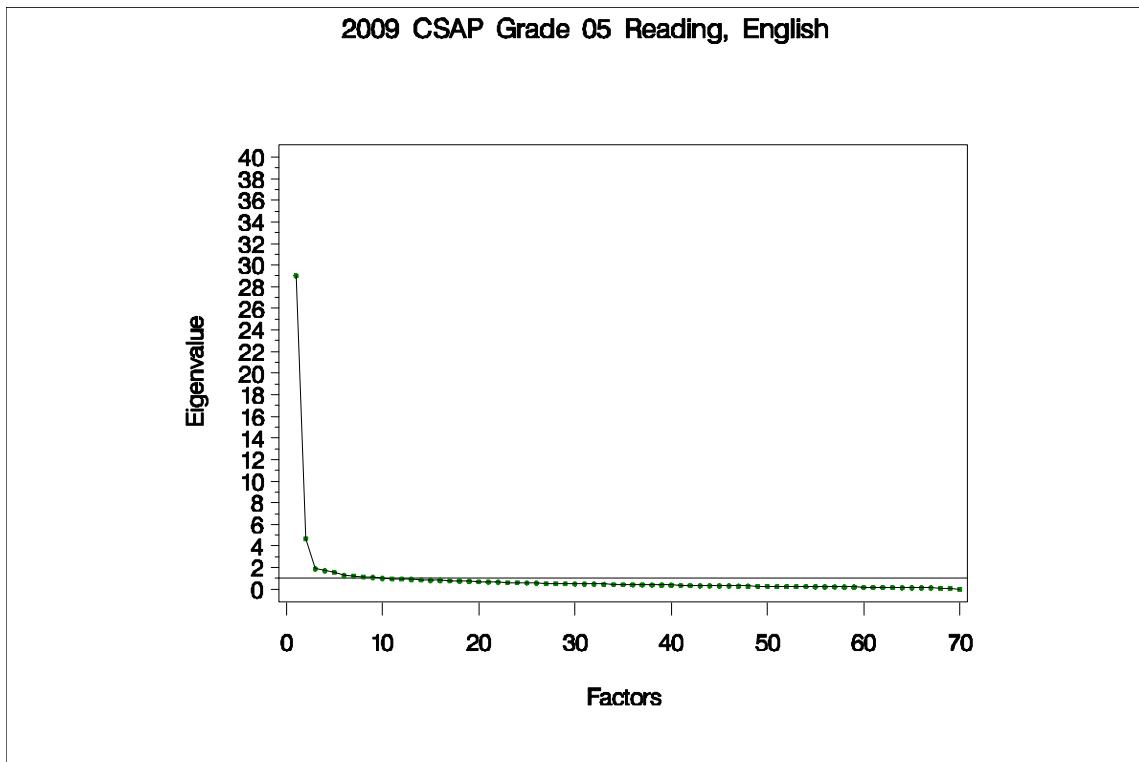
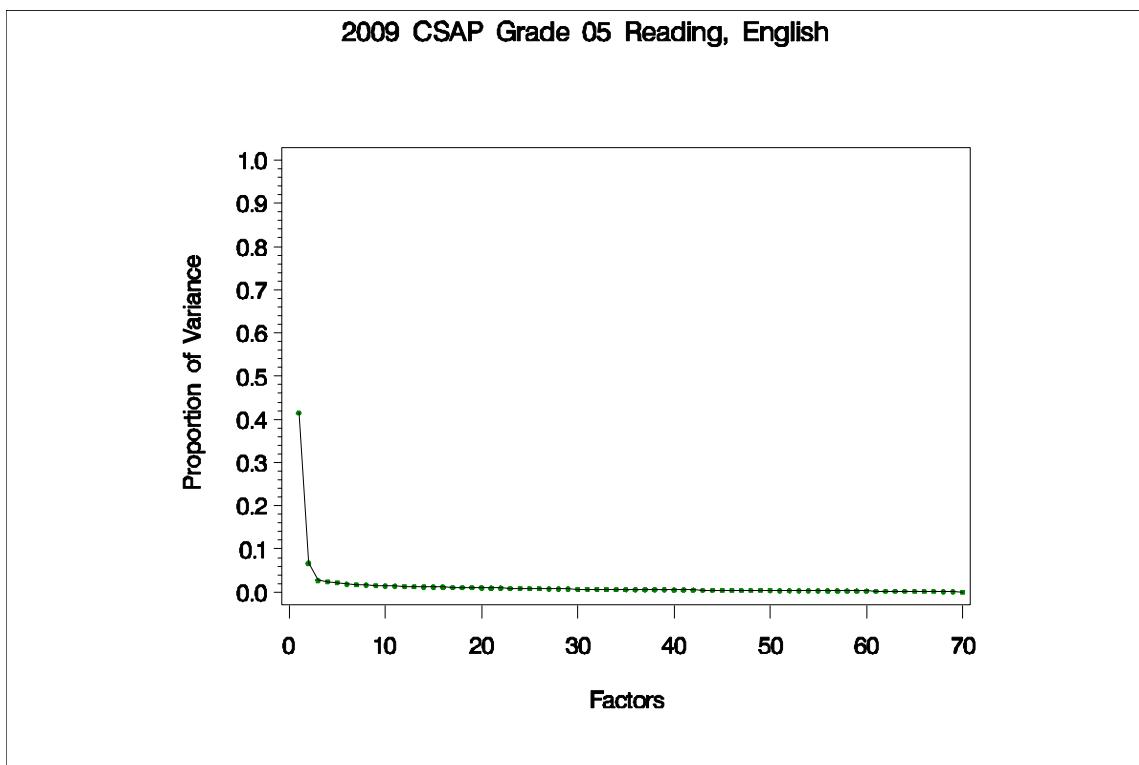
Figure 69a. Eigenvalues for CSAP Reading Grade 5**Figure 69b. Proportion of Variance by Factor for CSAP Reading Grade 5**

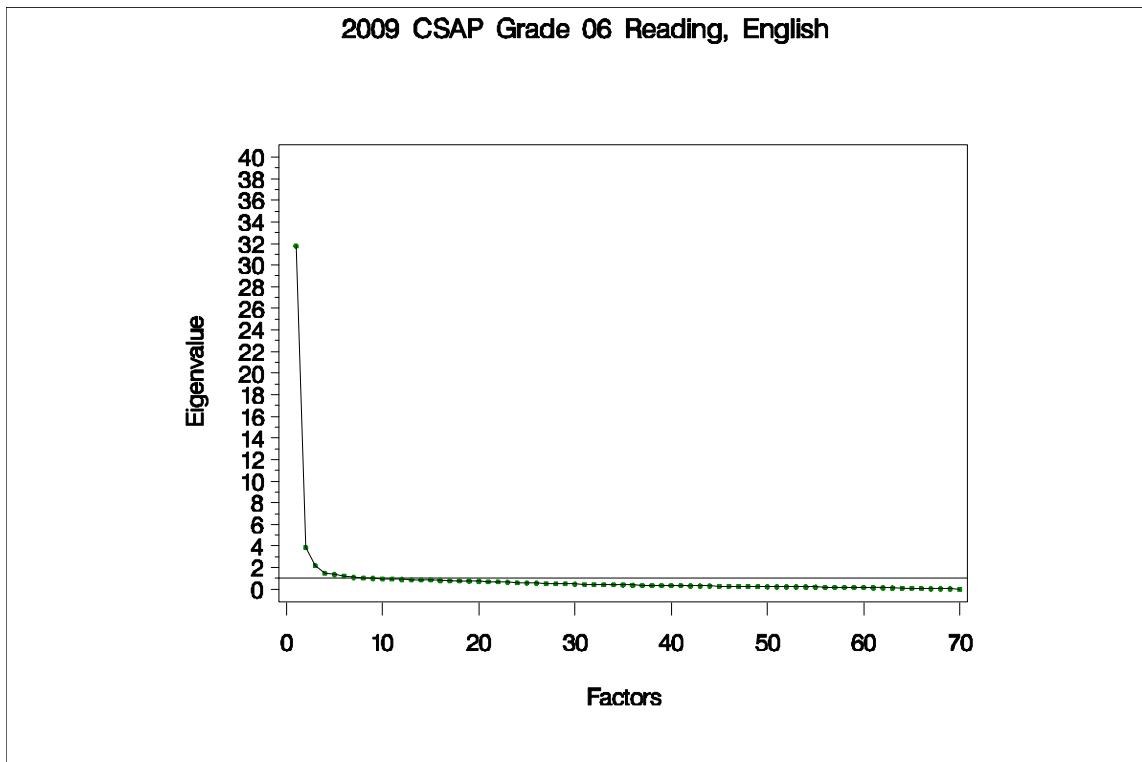
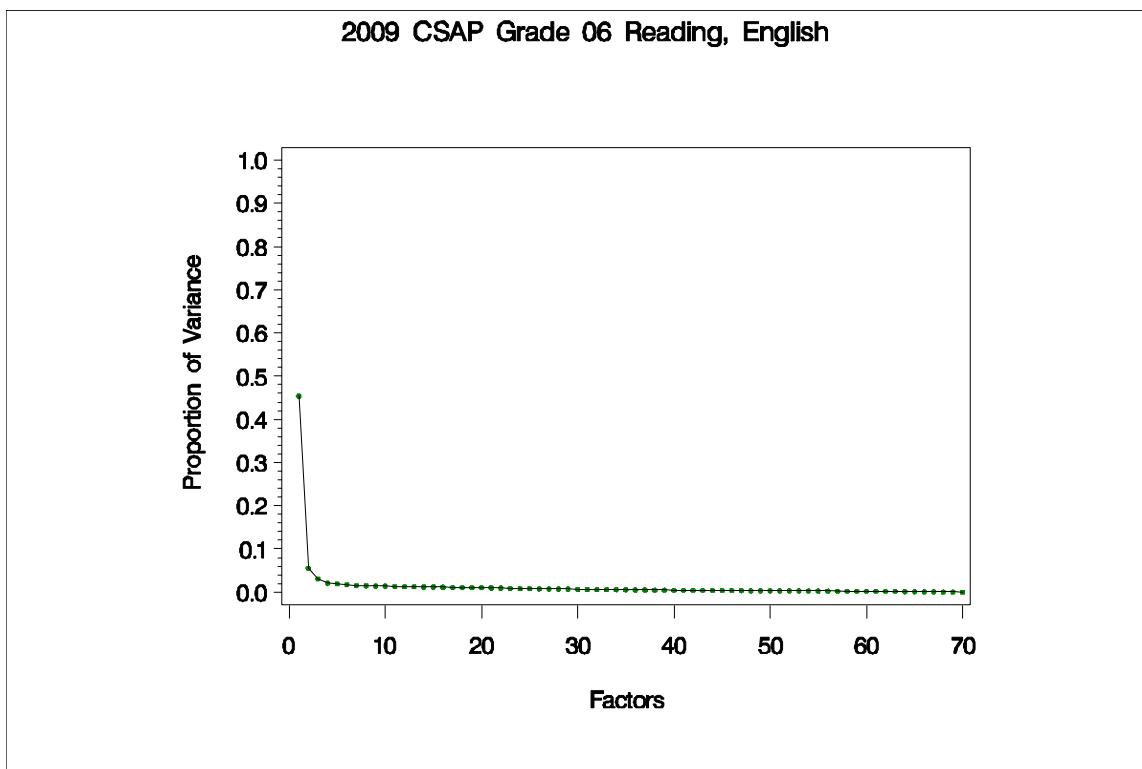
Figure 70a. Eigenvalues for CSAP Reading Grade 6**Figure 70b. Proportion of Variance by Factor for CSAP Reading Grade 6**

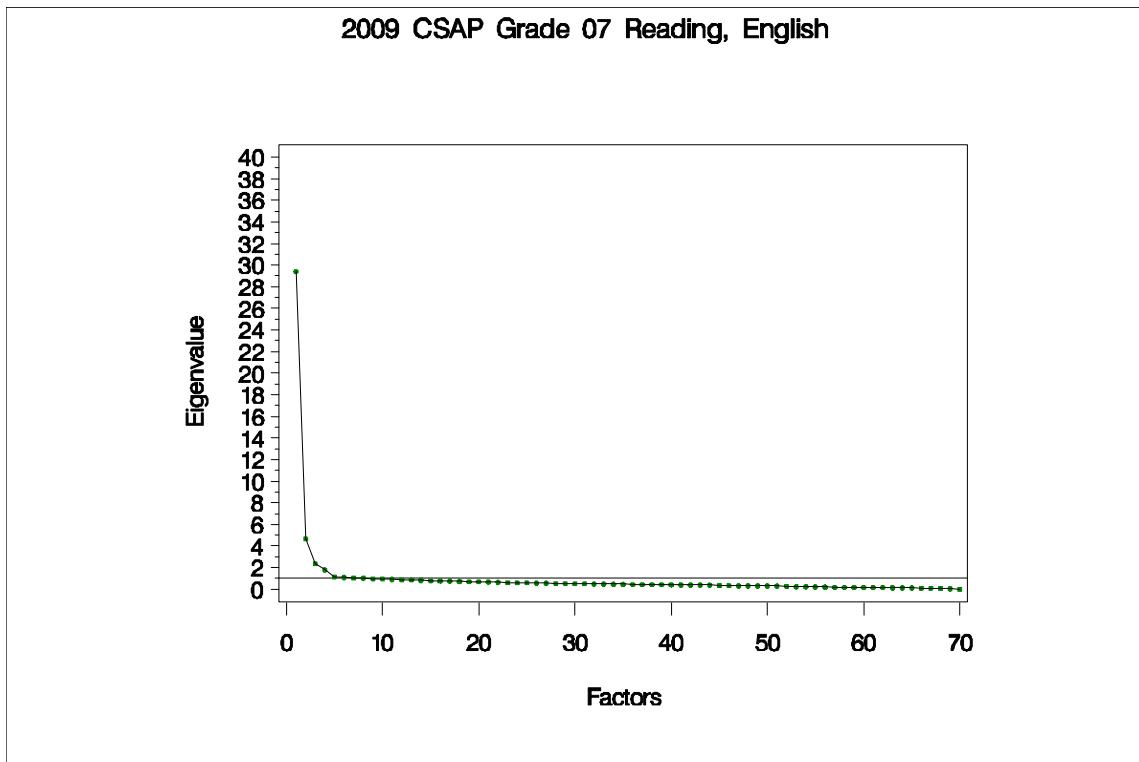
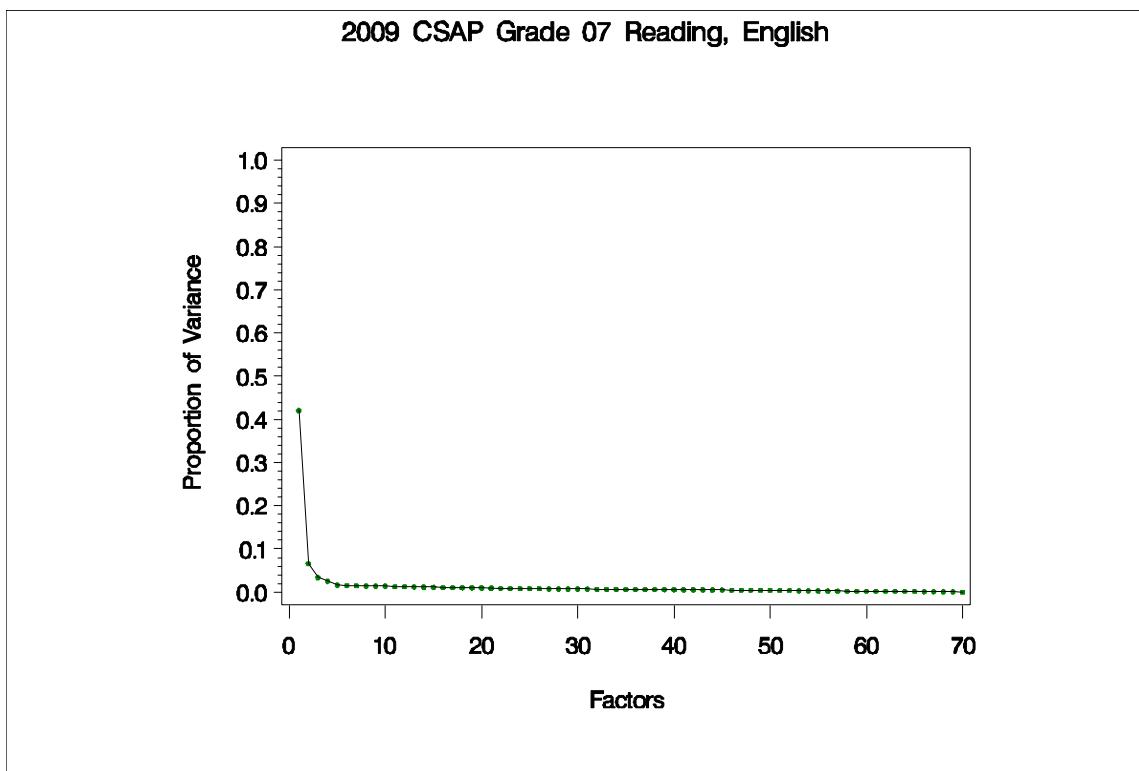
Figure 71a. Eigenvalues for CSAP Reading Grade 7**Figure 71b. Proportion of Variance by Factor for CSAP Reading Grade 7**

Figure 72a. Eigenvalues for CSAP Reading Grade 8
2009 CSAP Grade 08 Reading, English

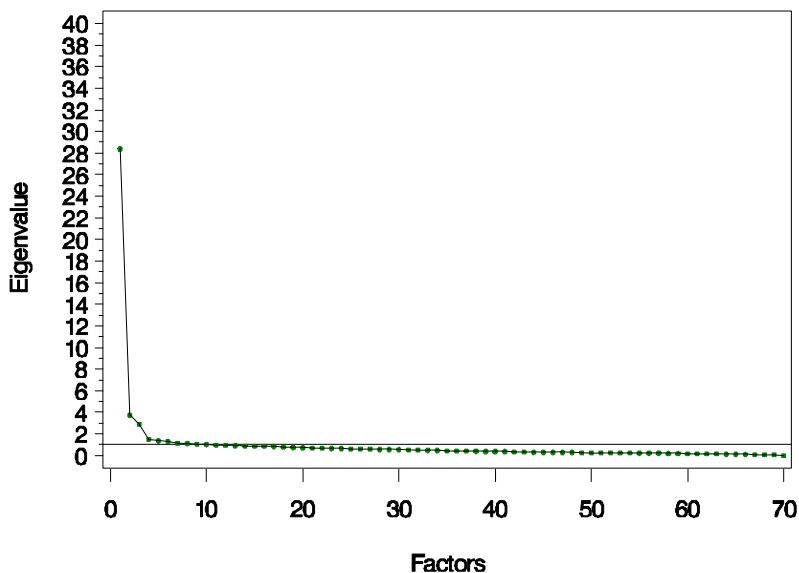


Figure 72b. Proportion of Variance by Factor for CSAP Reading Grade 8

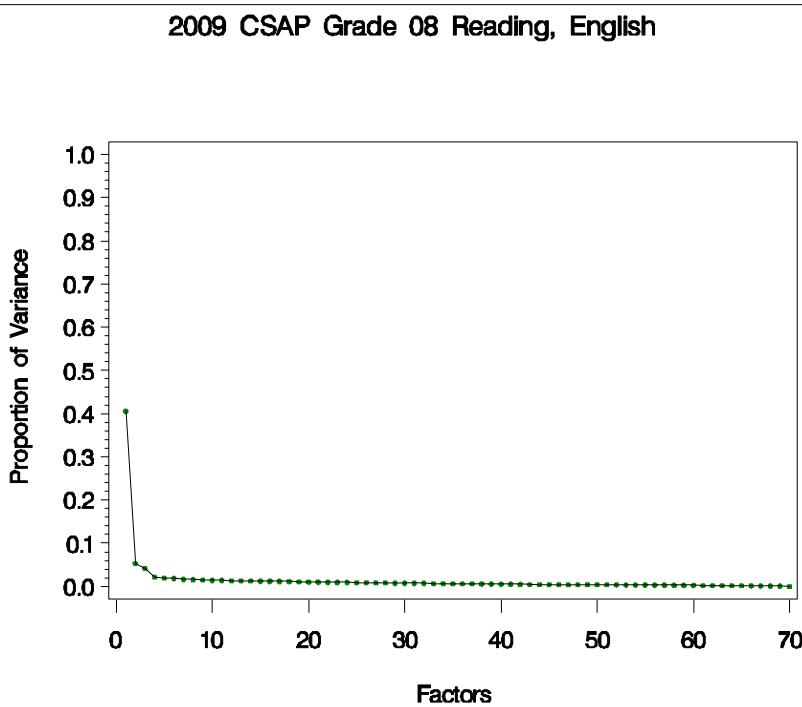


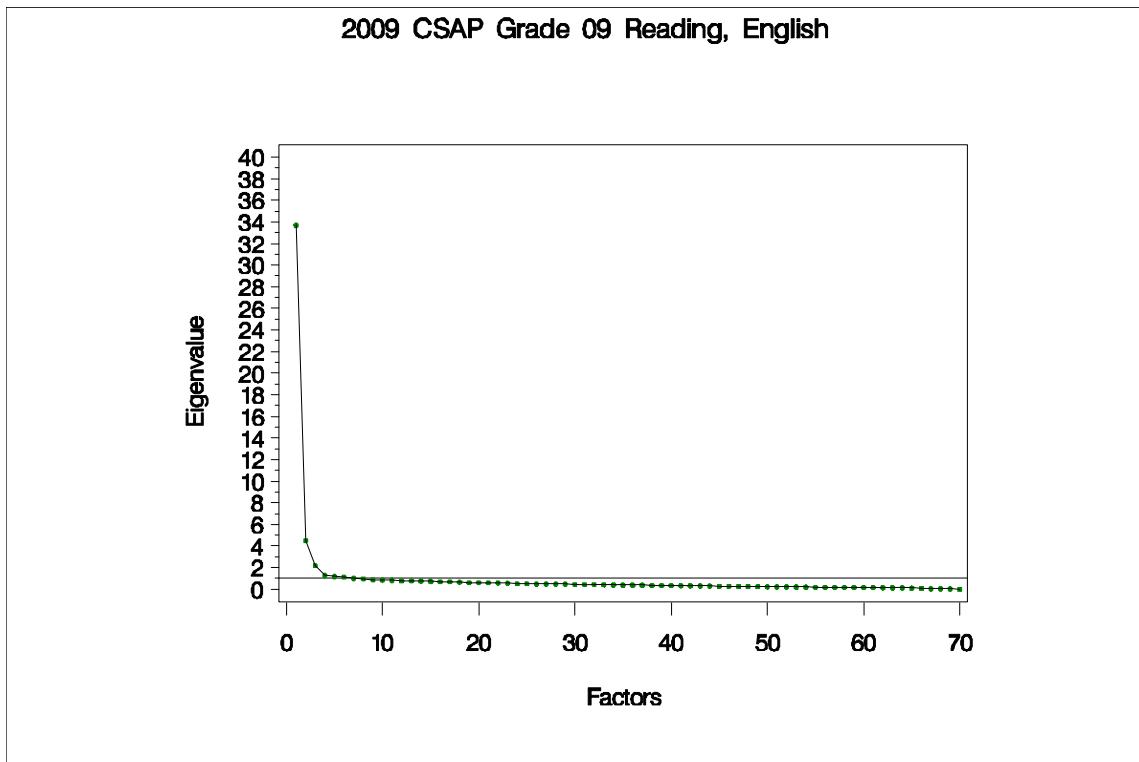
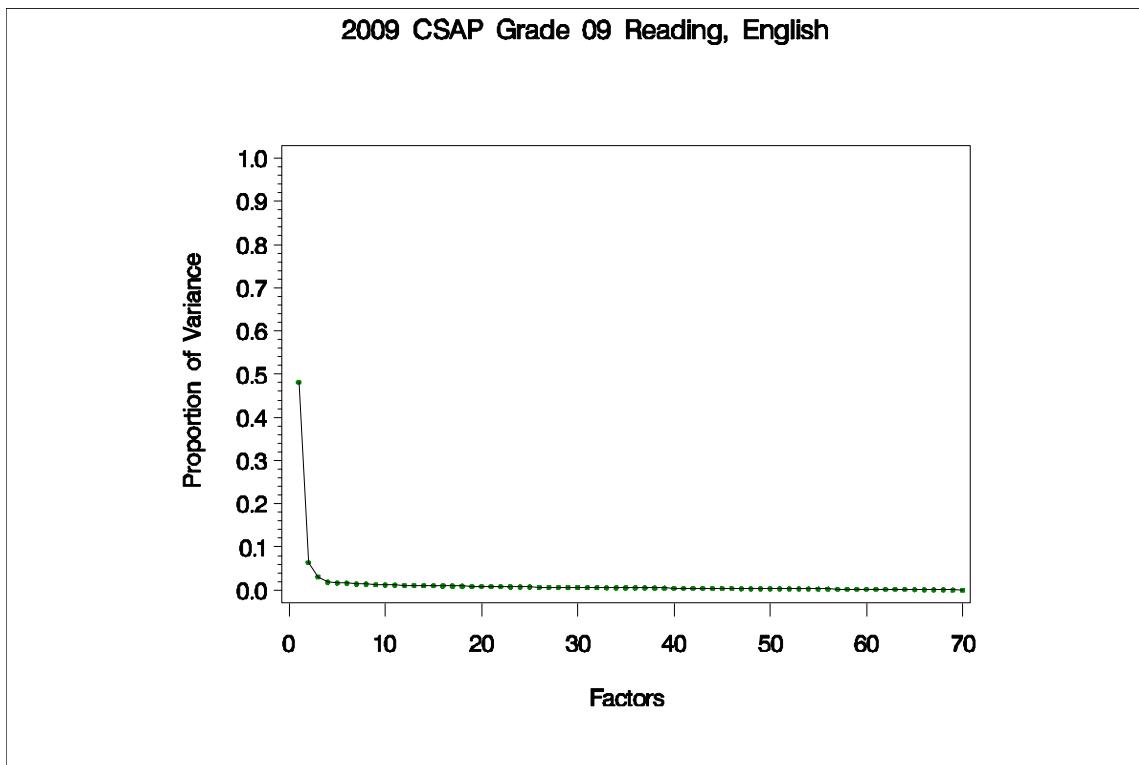
Figure 73a. Eigenvalues for CSAP Reading Grade 9**Figure 73b. Proportion of Variance by Factor for CSAP Reading Grade 9**

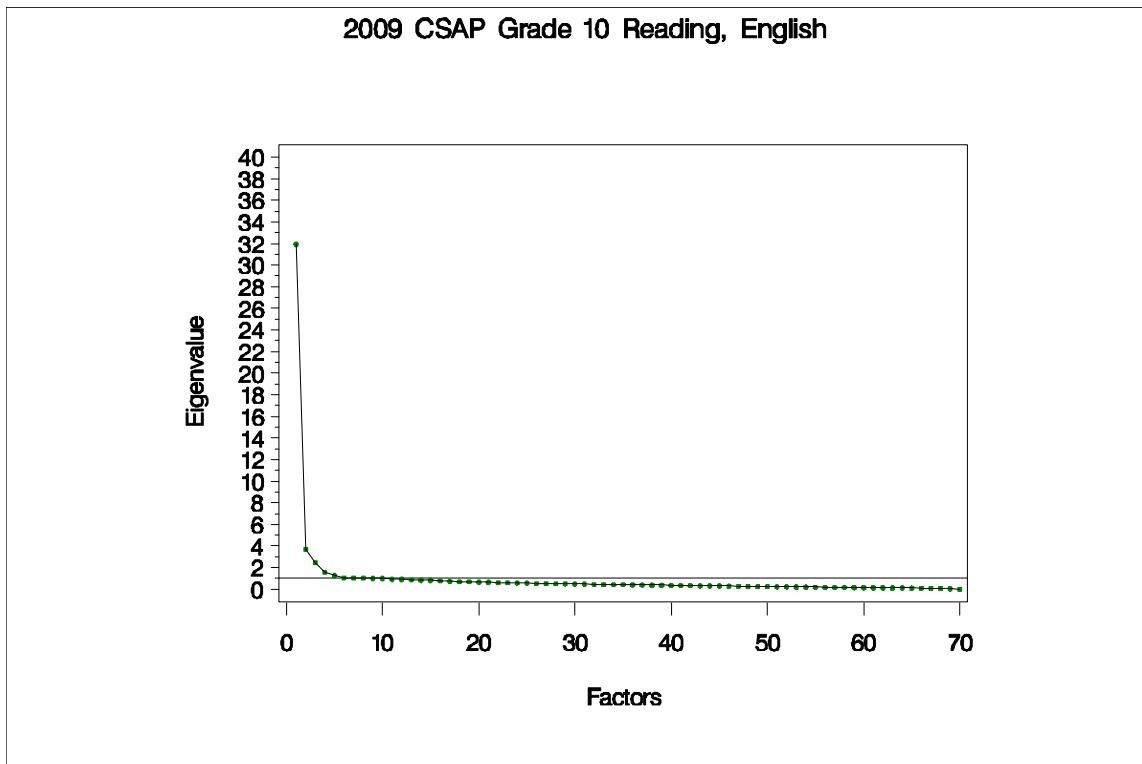
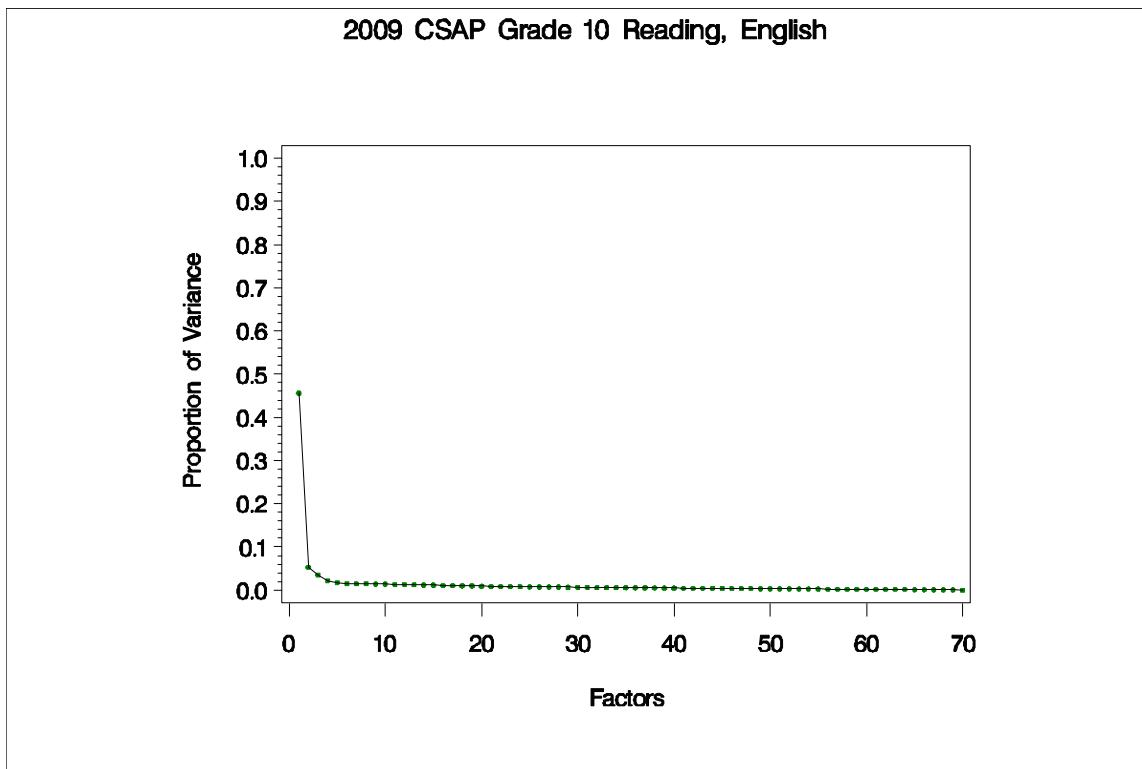
Figure 74a. Eigenvalues for CSAP Reading Grade 10**Figure 74b. Proportion of Variance by Factor for CSAP Reading Grade 10**

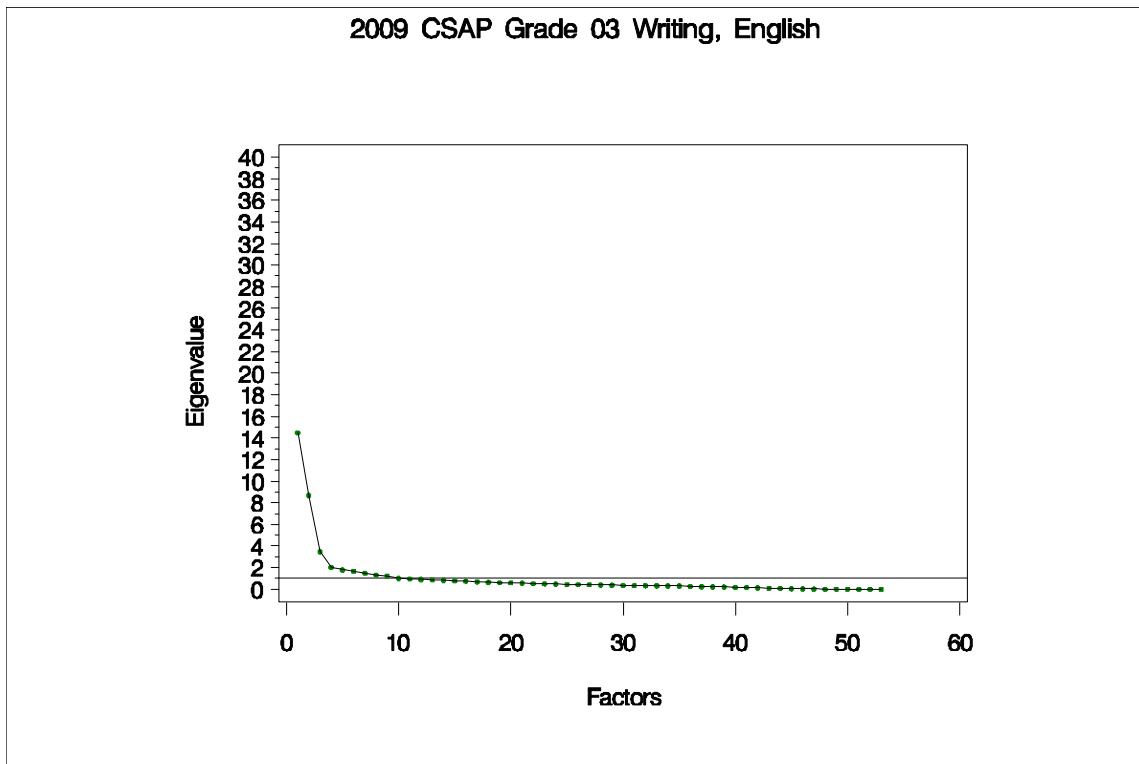
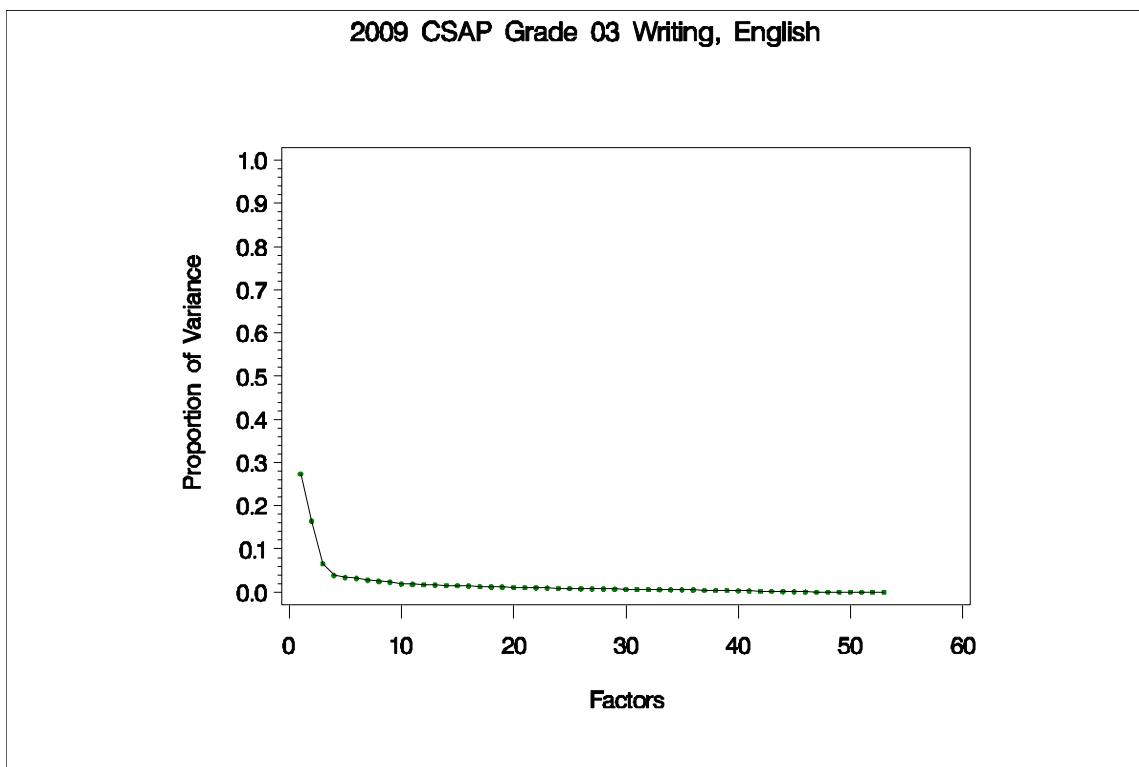
Figure 75a. Eigenvalues for CSAP Writing Grade 3**Figure 75b. Proportion of Variance by Factor for CSAP Writing Grade 3**

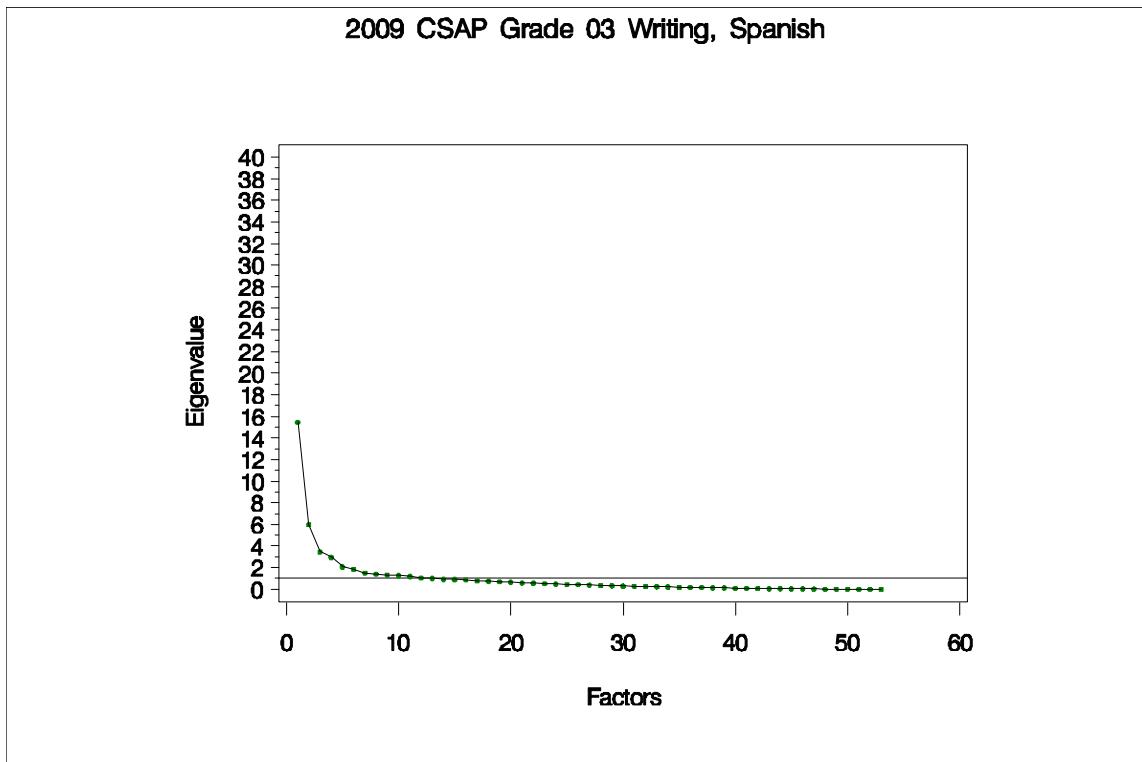
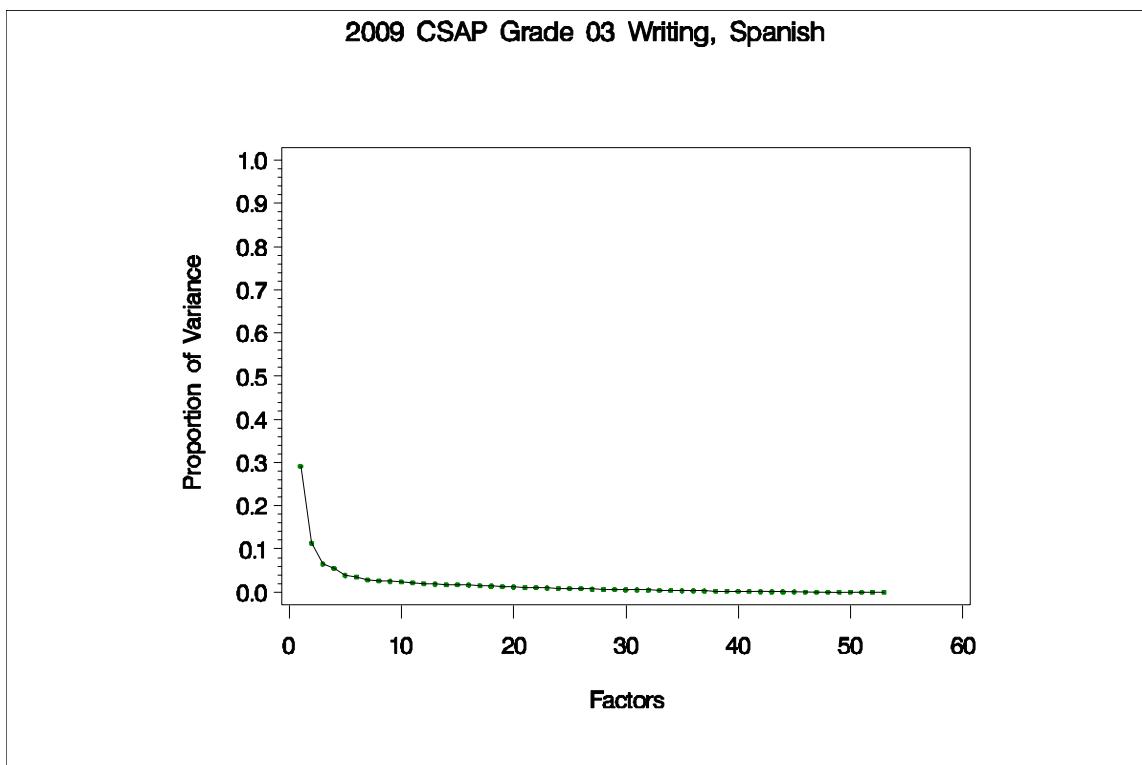
Figure 76a. Eigenvalues for CSAP Spanish Writing Grade 3**Figure 76b. Proportion of Variance by Factor for CSAP Spanish Writing Grade 3**

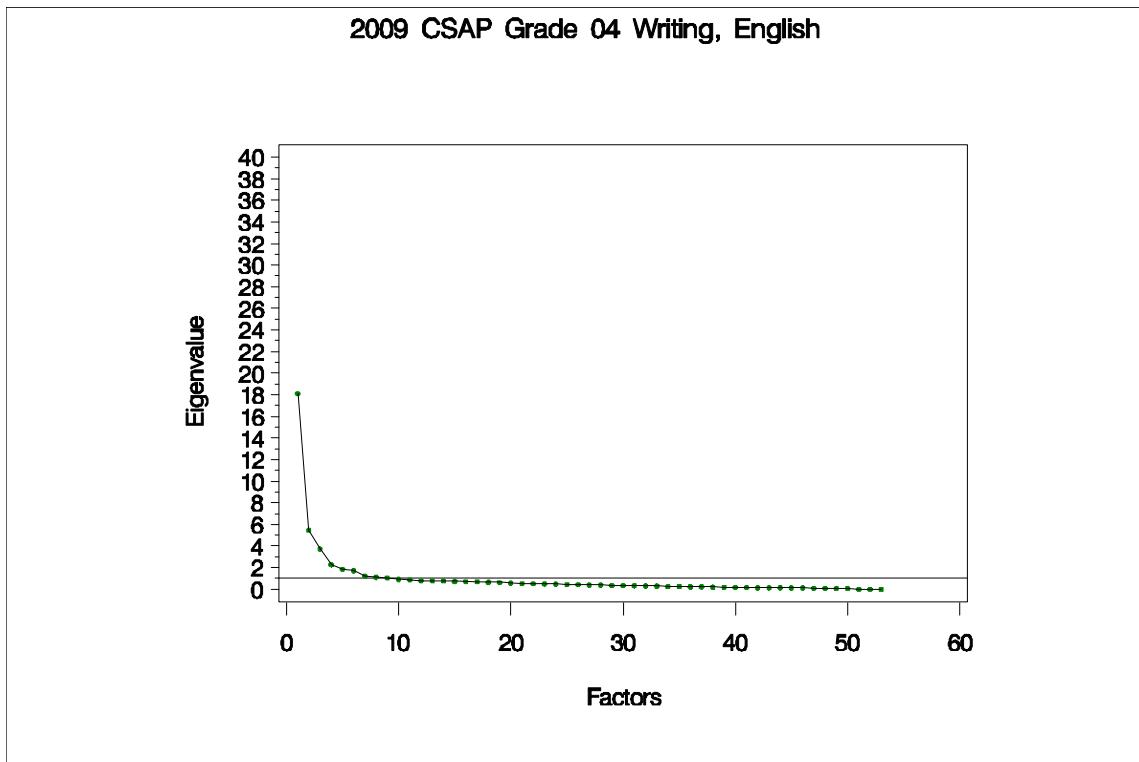
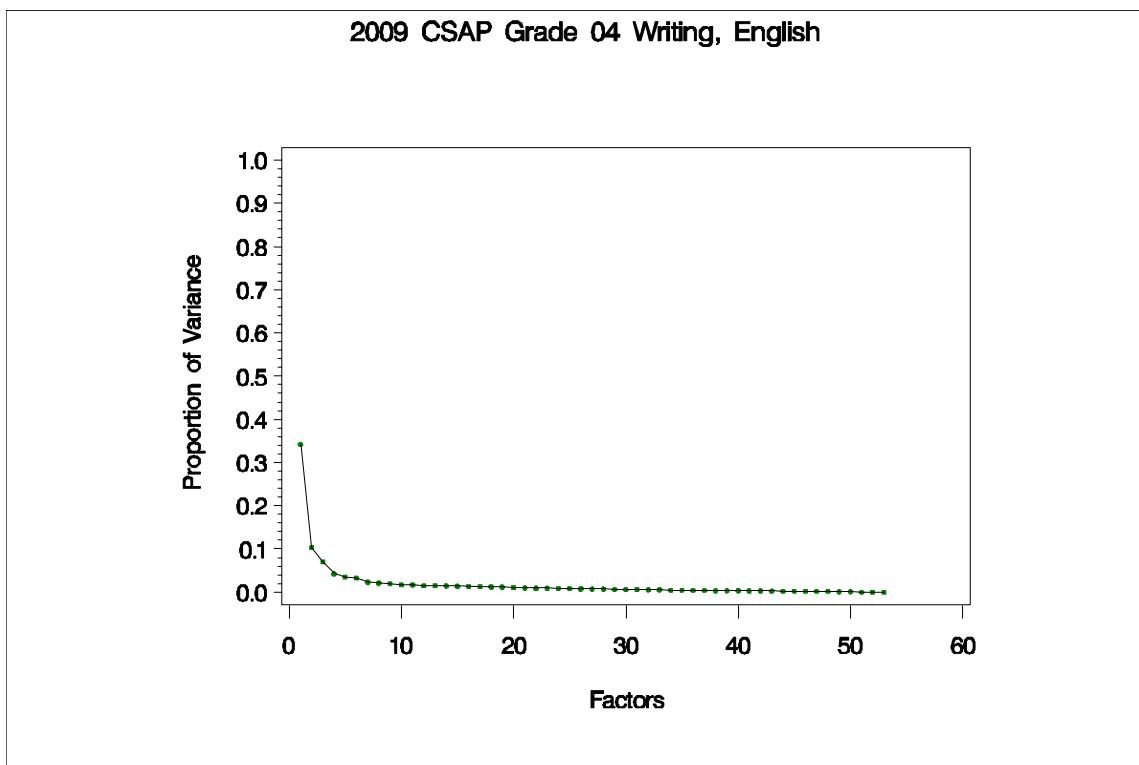
Figure 77a. Eigenvalues for CSAP Writing Grade 4**Figure 77b. Proportion of Variance by Factor for CSAP Writing Grade 4**

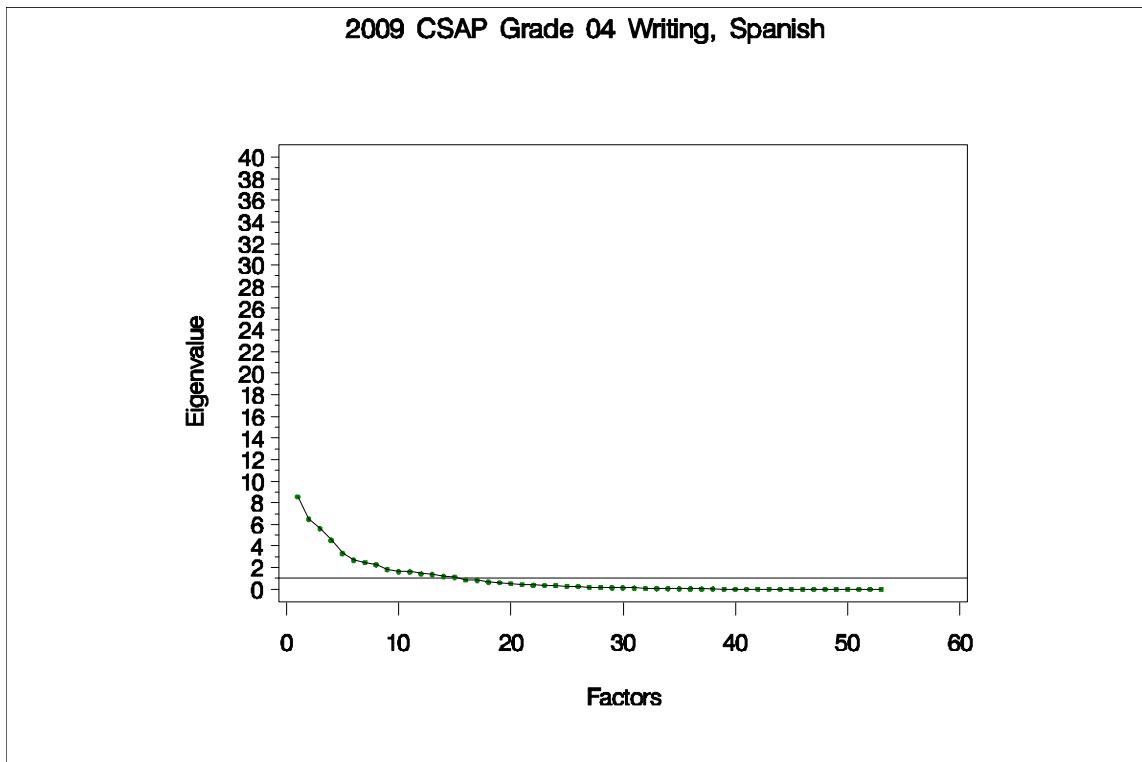
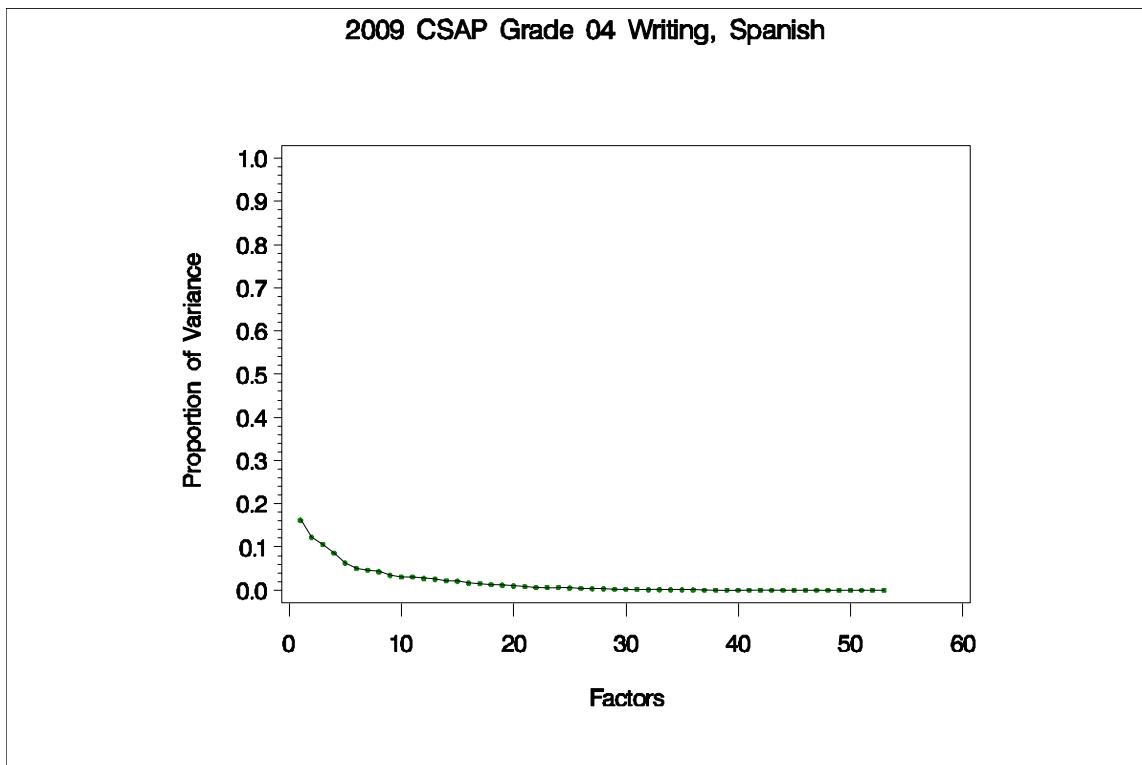
Figure 78a. Eigenvalues for CSAP Spanish Writing Grade 4**Figure 78b. Proportion of Variance by Factor for CSAP Spanish Writing Grade 4**

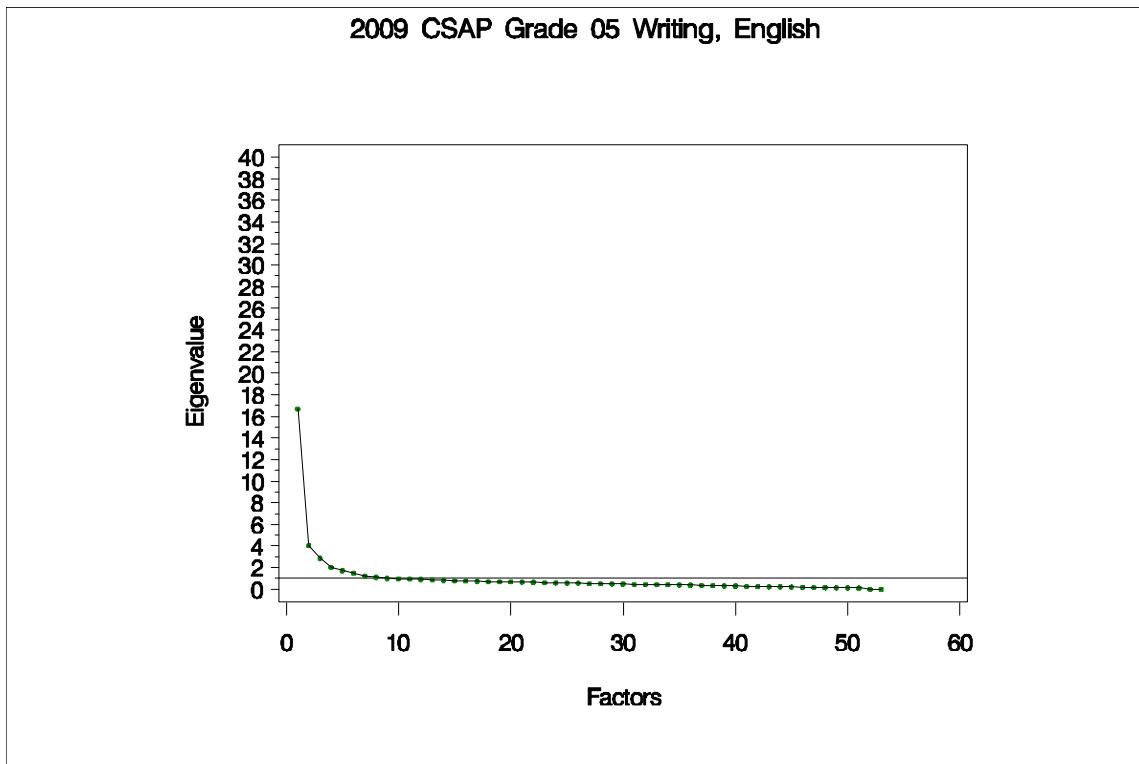
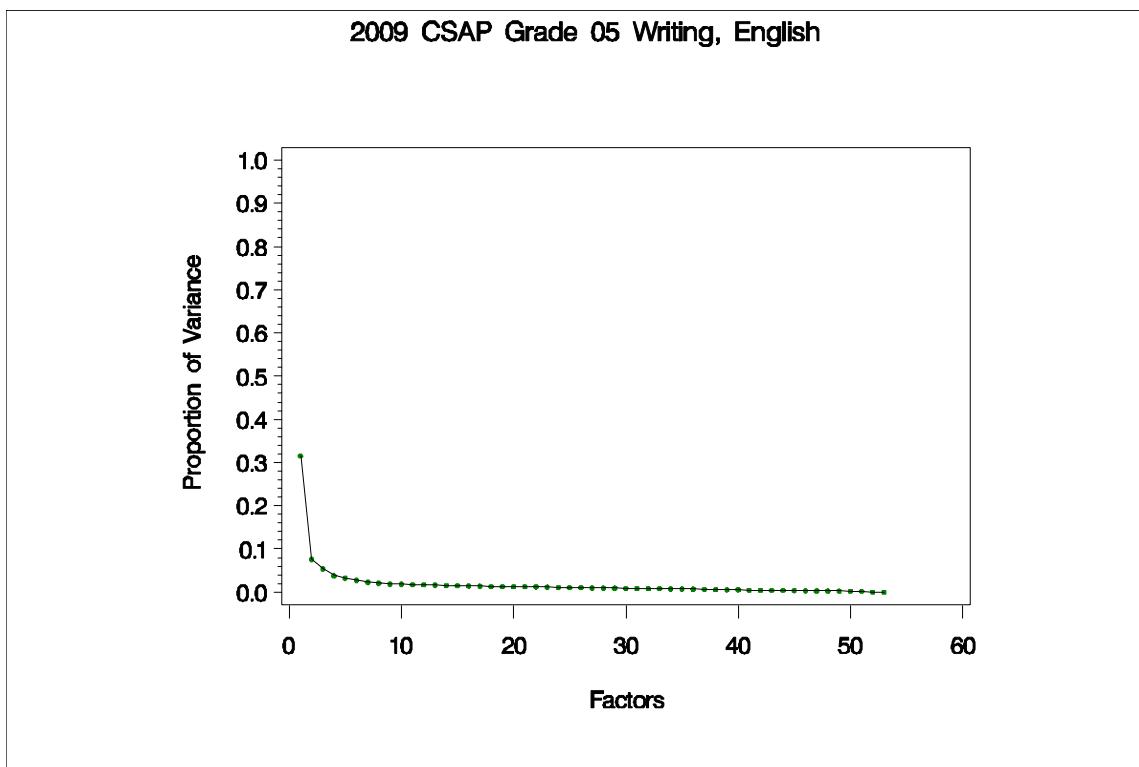
Figure 79a. Eigenvalues for CSAP Writing Grade 5**Figure 79b. Proportion of Variance by Factor for CSAP Writing Grade 5**

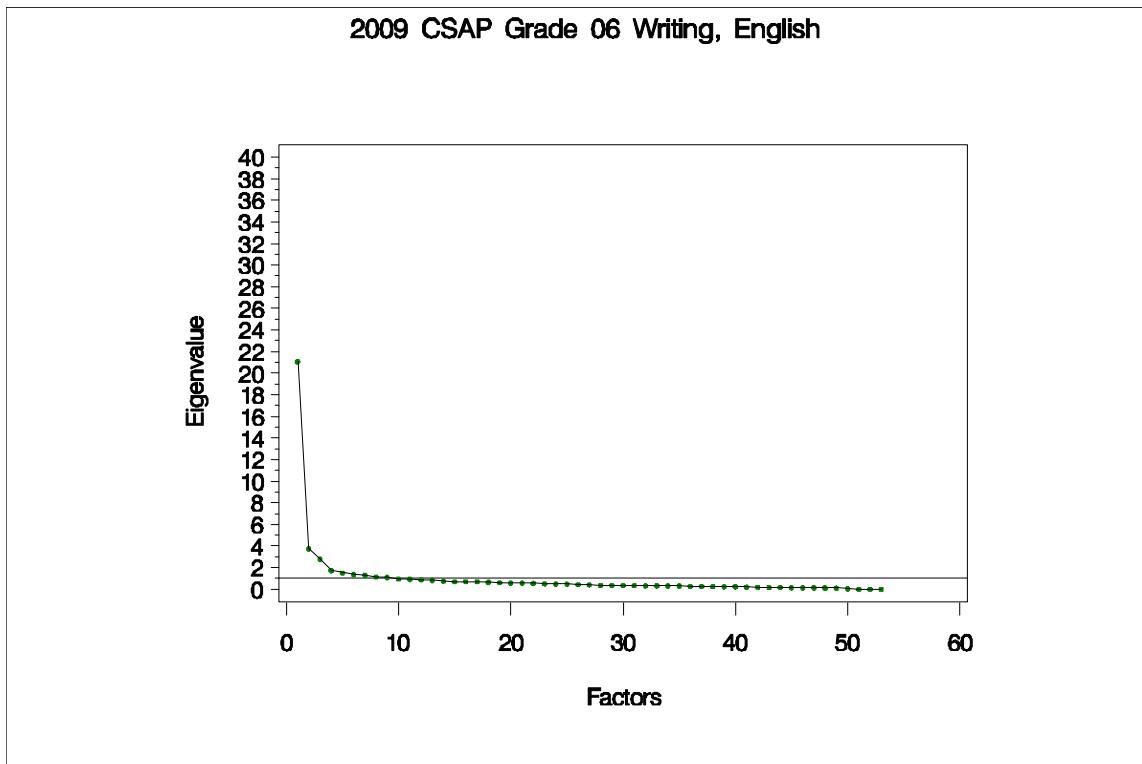
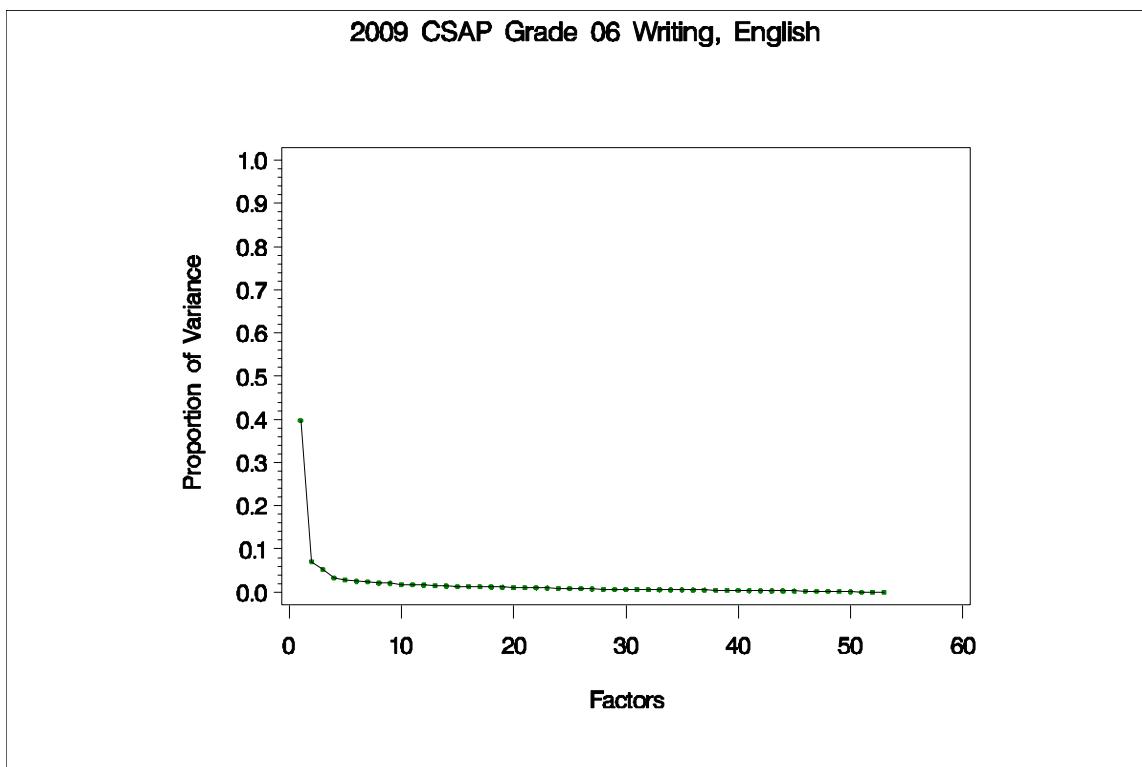
Figure 80a. Eigenvalues for CSAP Writing Grade 6**Figure 80b. Proportion of Variance by Factor for CSAP Writing Grade 6**

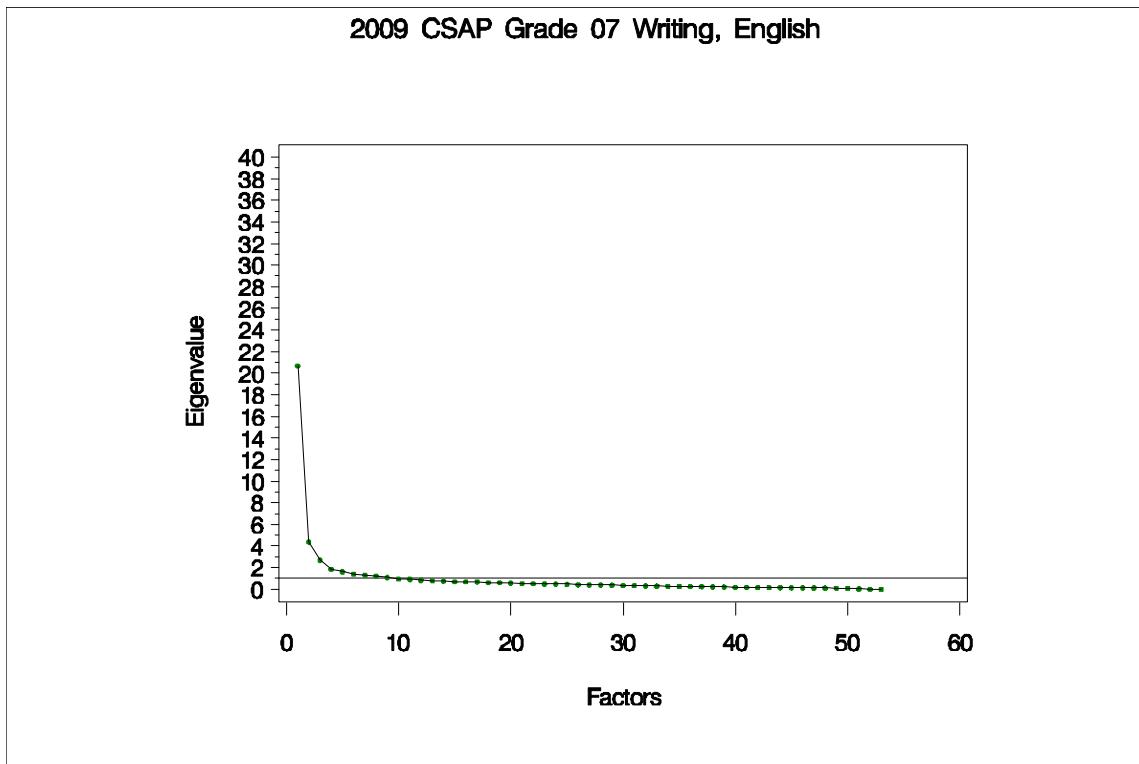
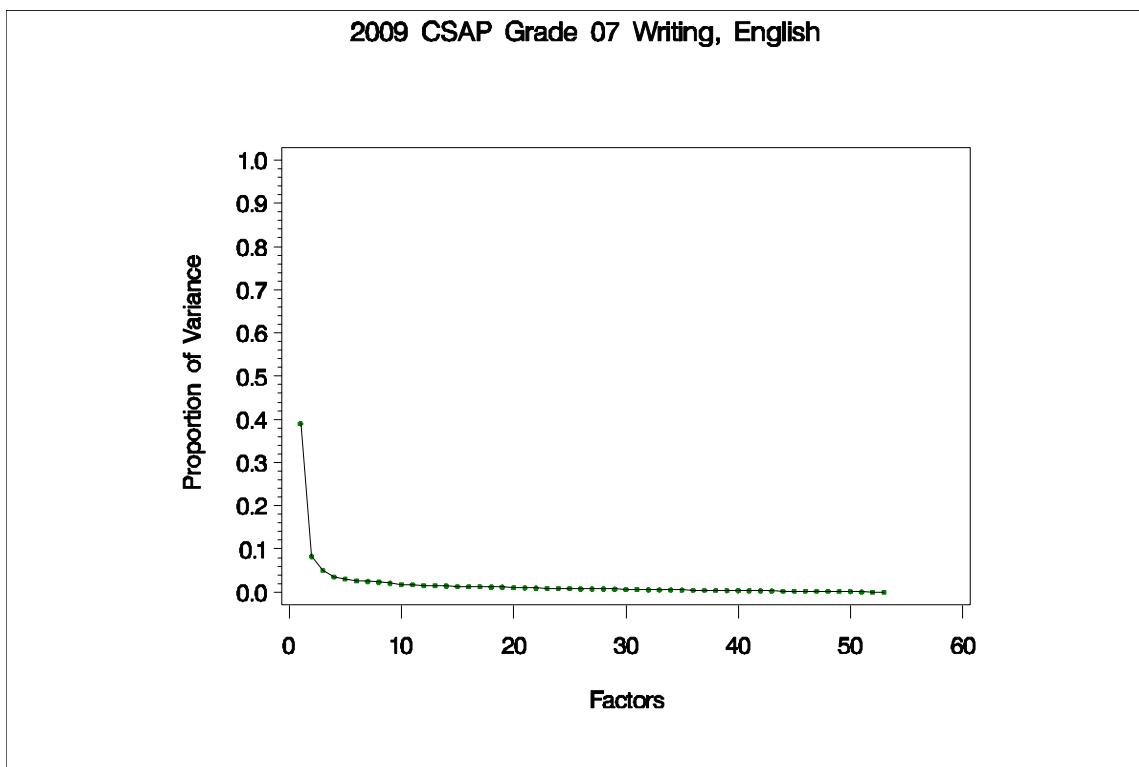
Figure 81a. Eigenvalues for CSAP Writing Grade 7**Figure 81b. Proportion of Variance by Factor for CSAP Writing Grade 7**

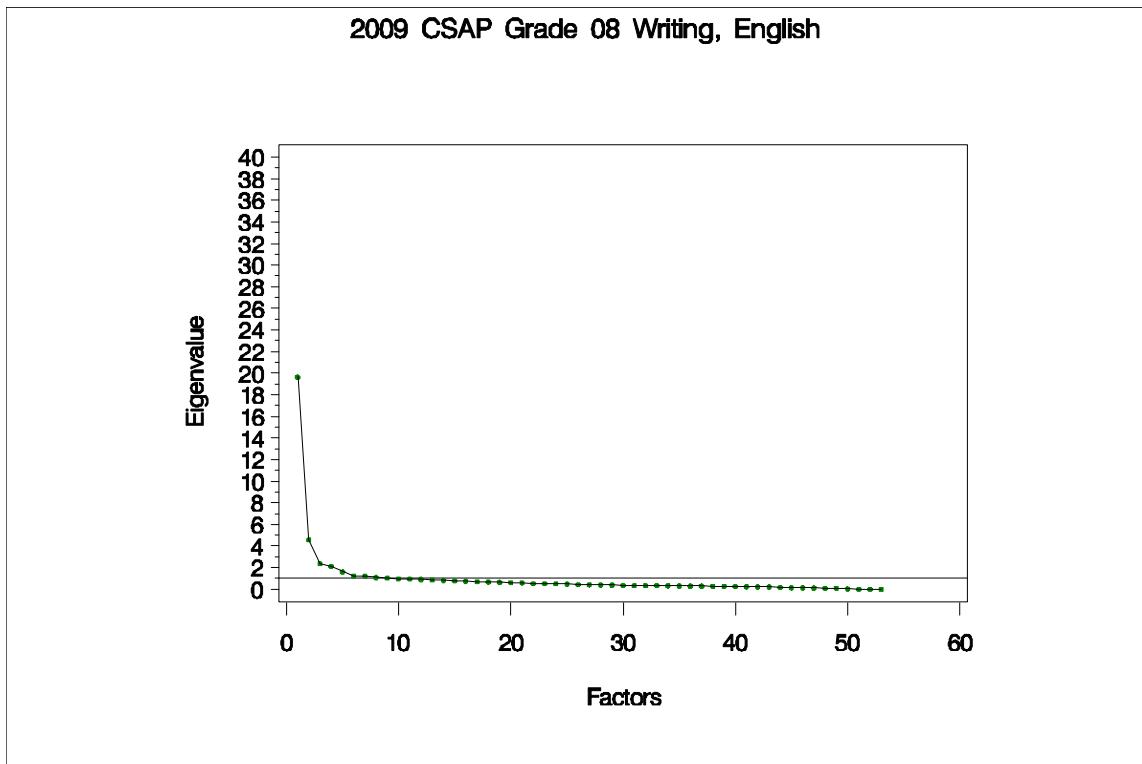
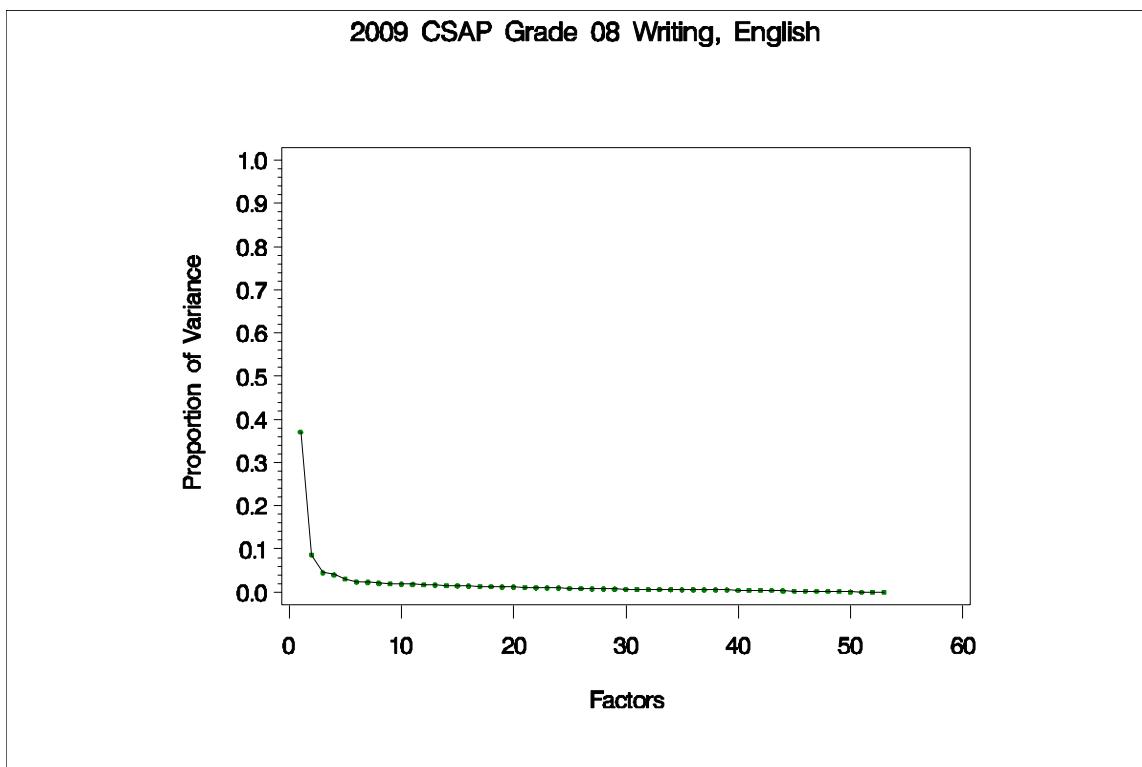
Figure 82a. Eigenvalues for CSAP Writing Grade 8**Figure 82b. Proportion of Variance by Factor for CSAP Writing Grade 8**

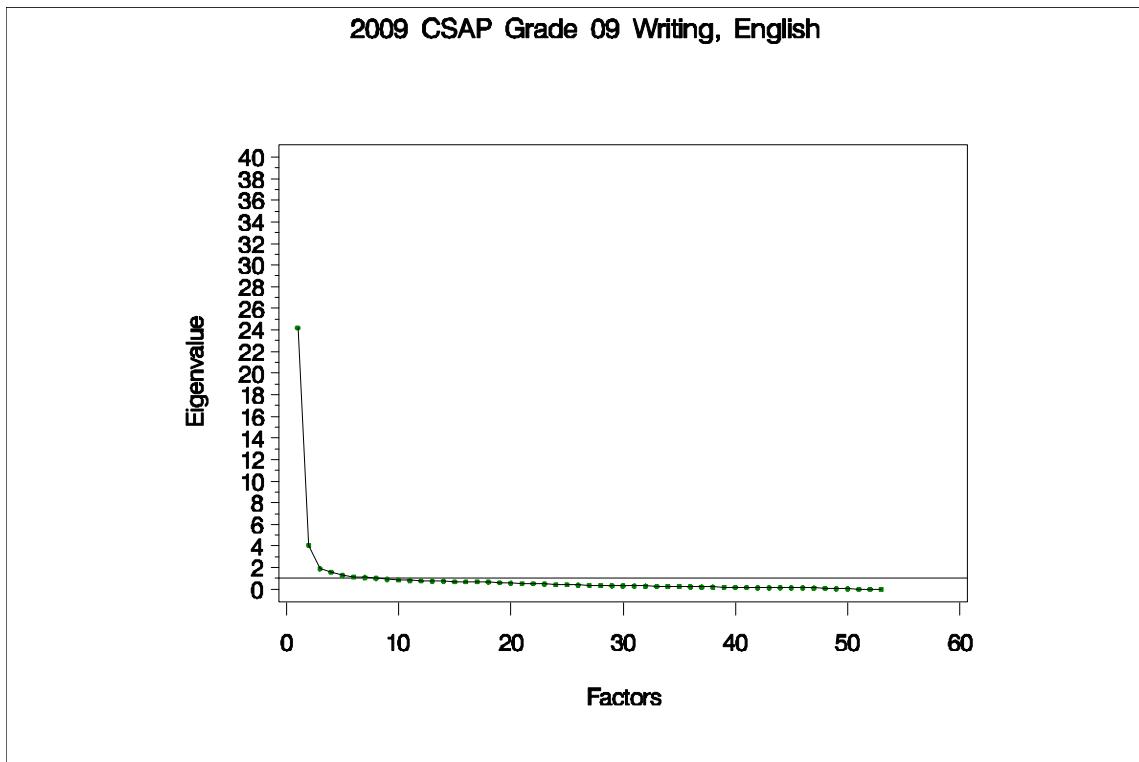
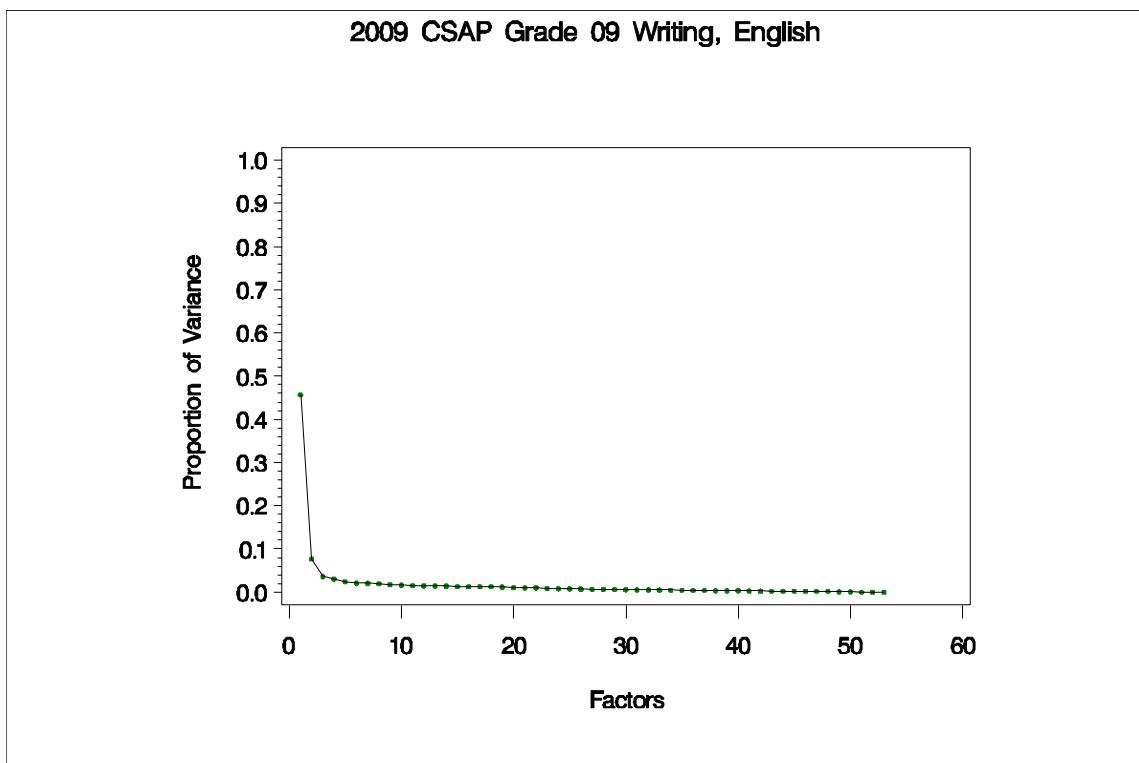
Figure 83a. Eigenvalues for CSAP Writing Grade 9**Figure 83b. Proportion of Variance by Factor for CSAP Writing Grade 9**

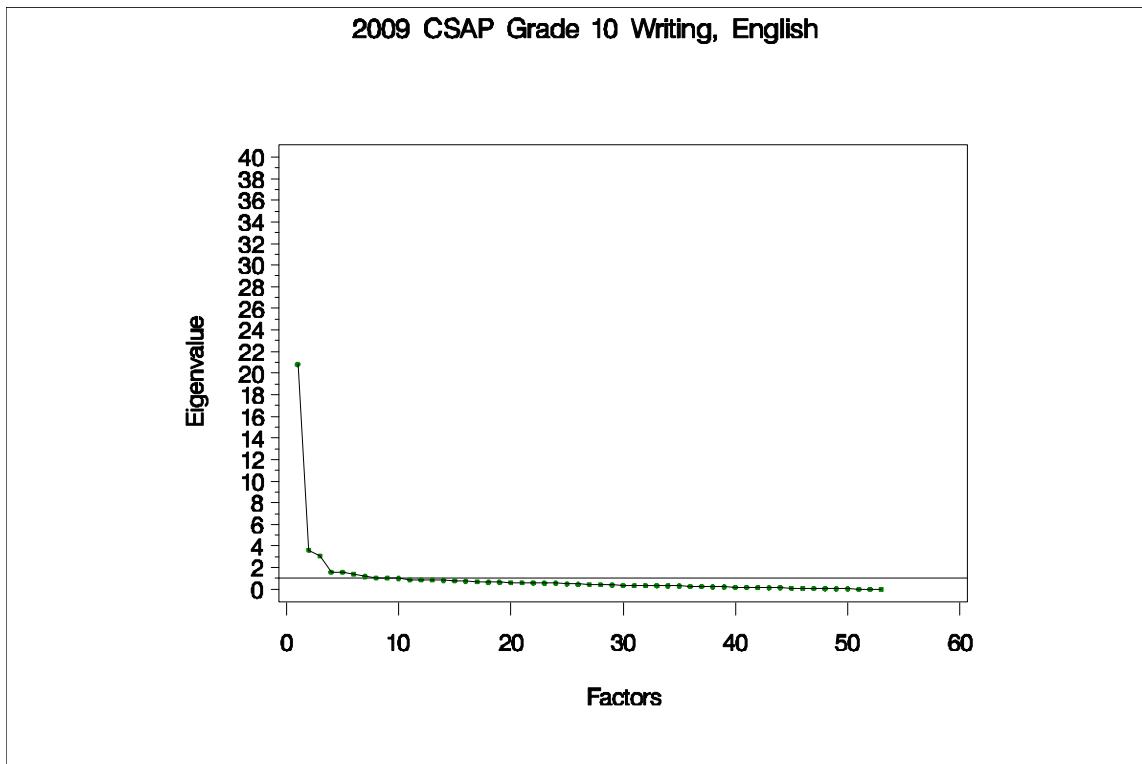
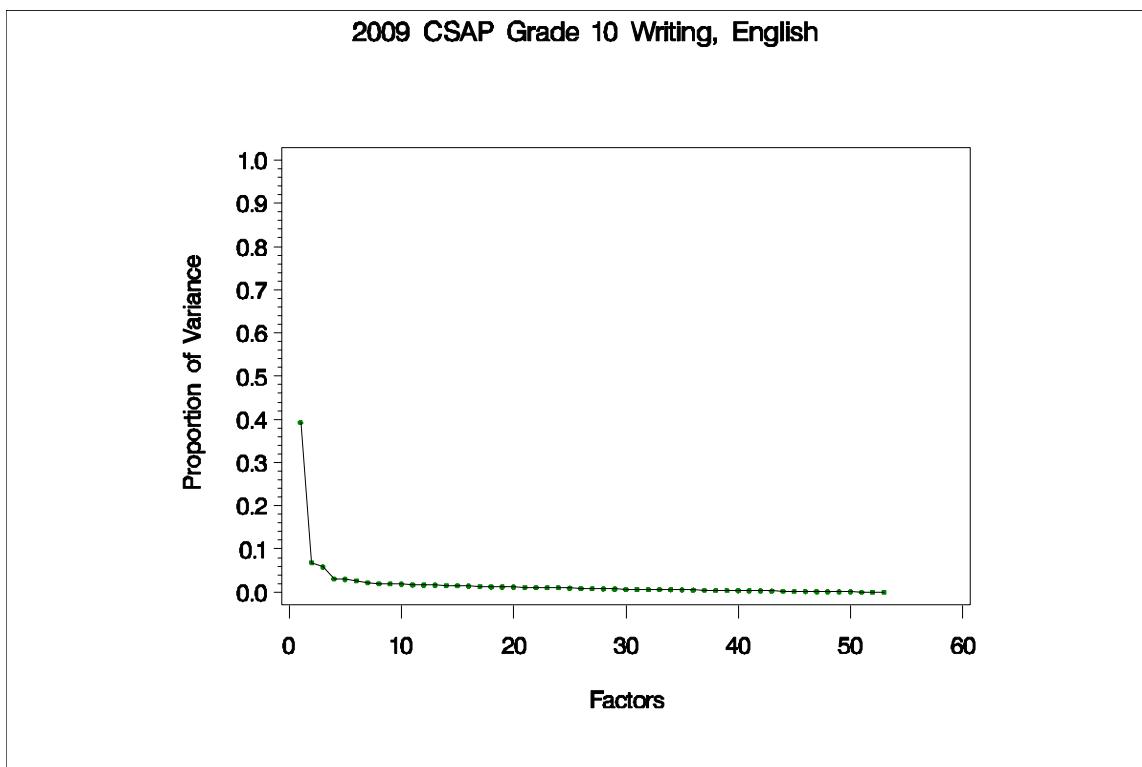
Figure 84a. Eigenvalues for CSAP Writing Grade 10**Figure 84b. Proportion of Variance by Factor for CSAP Writing Grade 10**

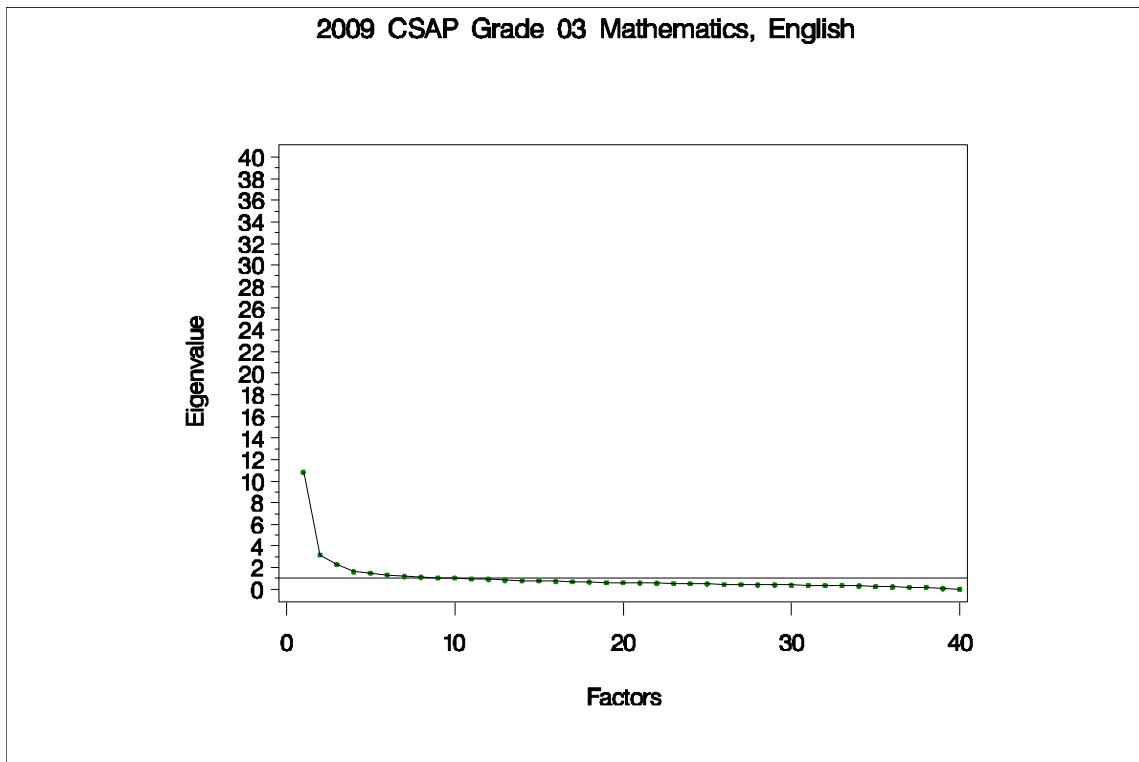
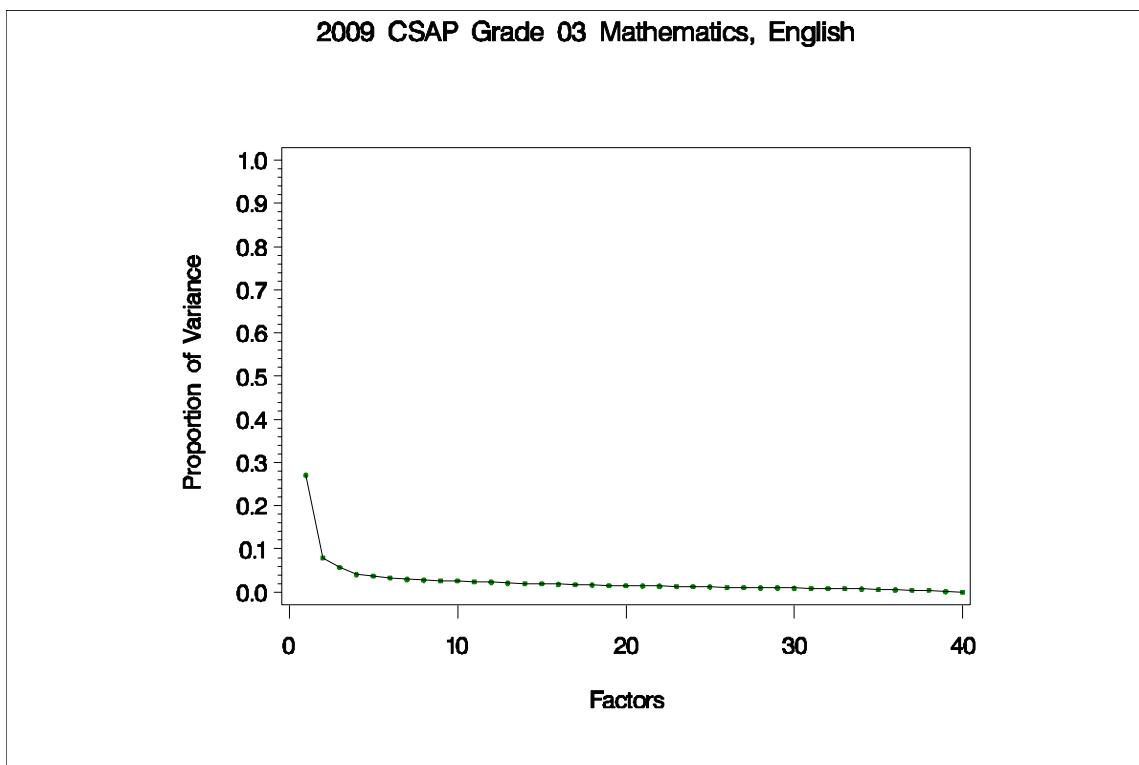
Figure 85a. Eigenvalues for CSAP Mathematics Grade 3**Figure 85b. Proportion of Variance by Factor for CSAP Mathematics Grade 3**

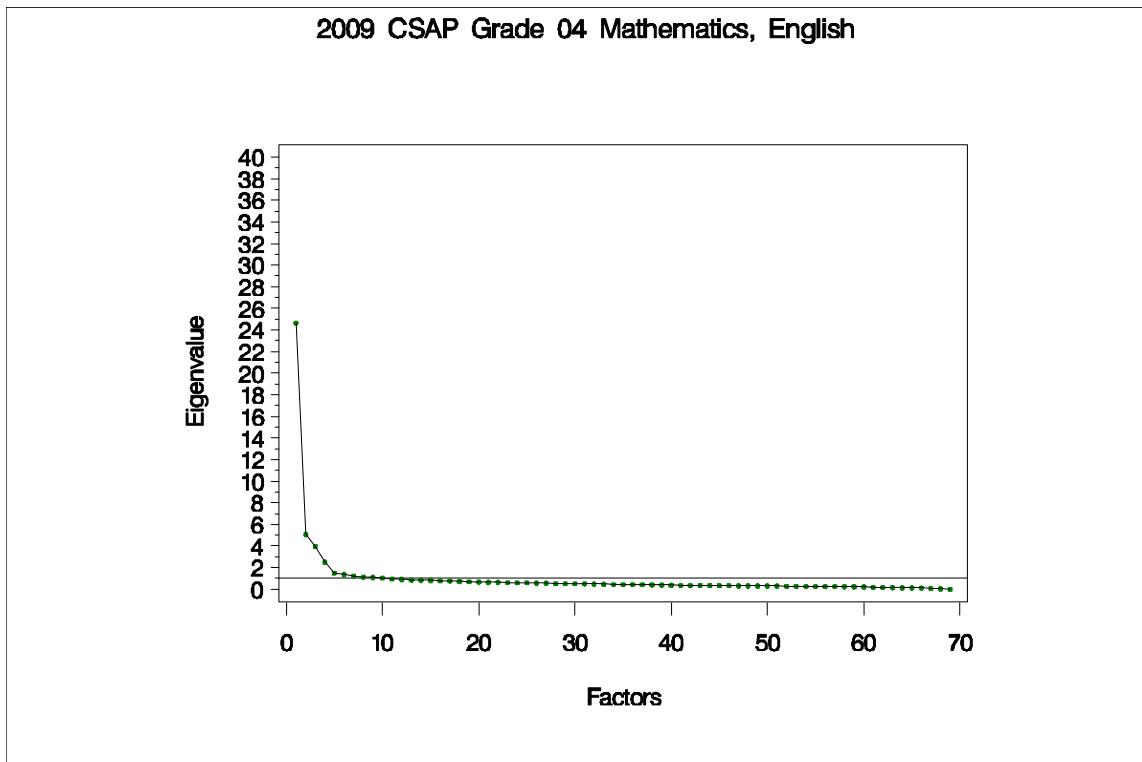
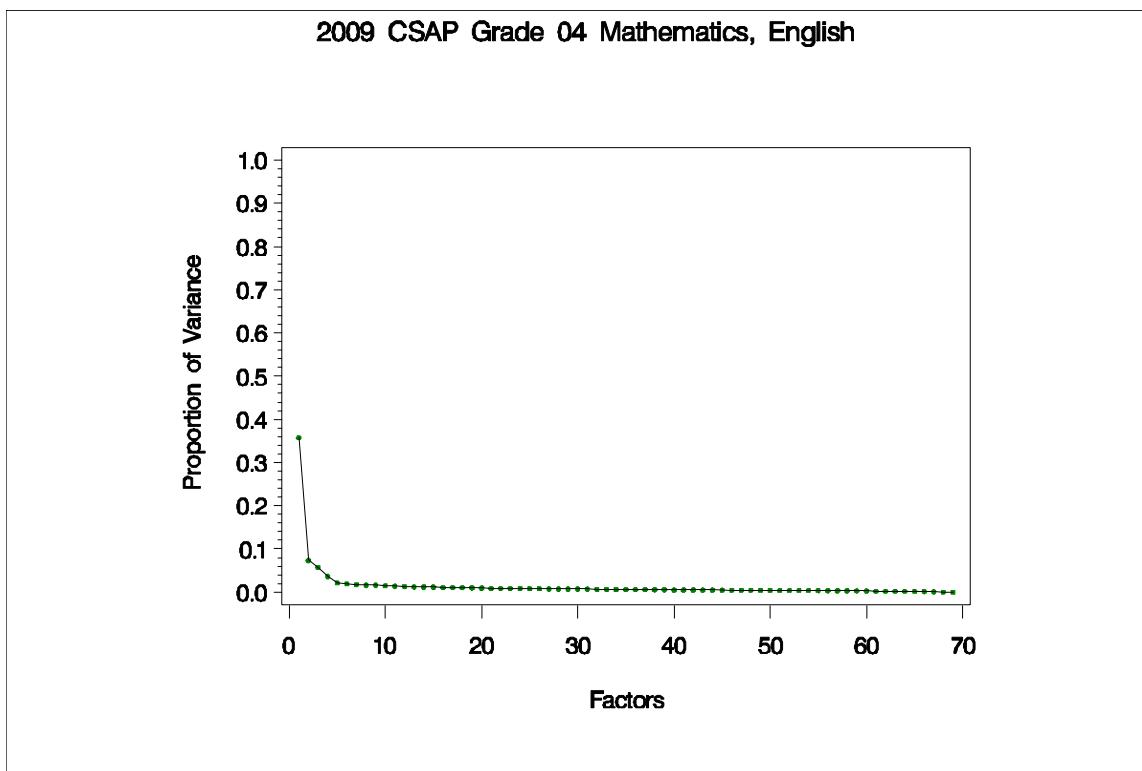
Figure 86a. Eigenvalues for CSAP Mathematics Grade 4**Figure 86b. Proportion of Variance by Factor for CSAP Mathematics Grade 4**

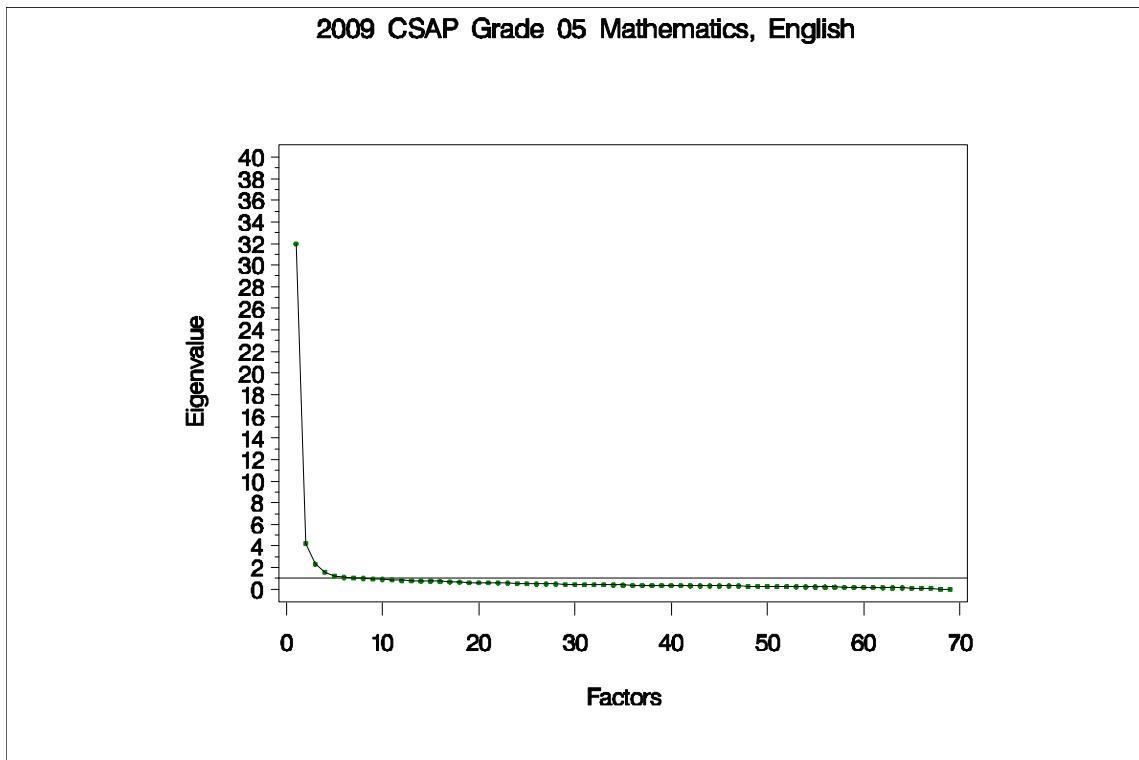
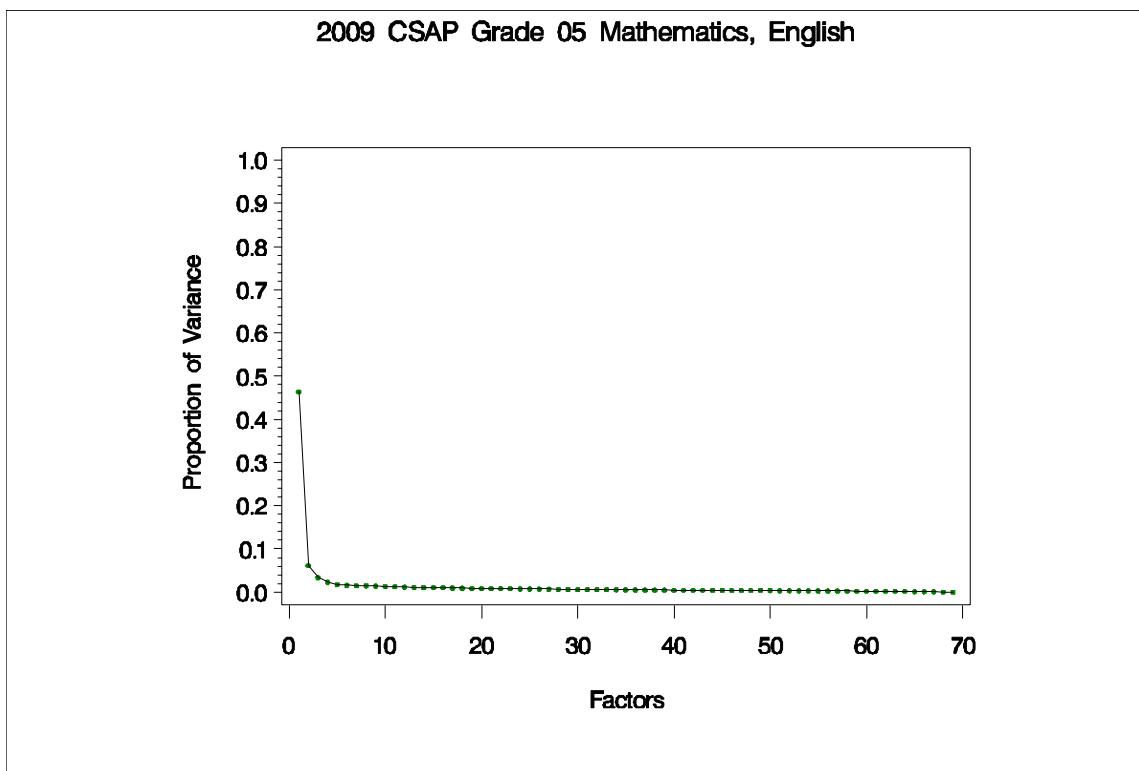
Figure 87a. Eigenvalues for CSAP Mathematics Grade 5**Figure 87b. Proportion of Variance by Factor for CSAP Mathematics Grade 5**

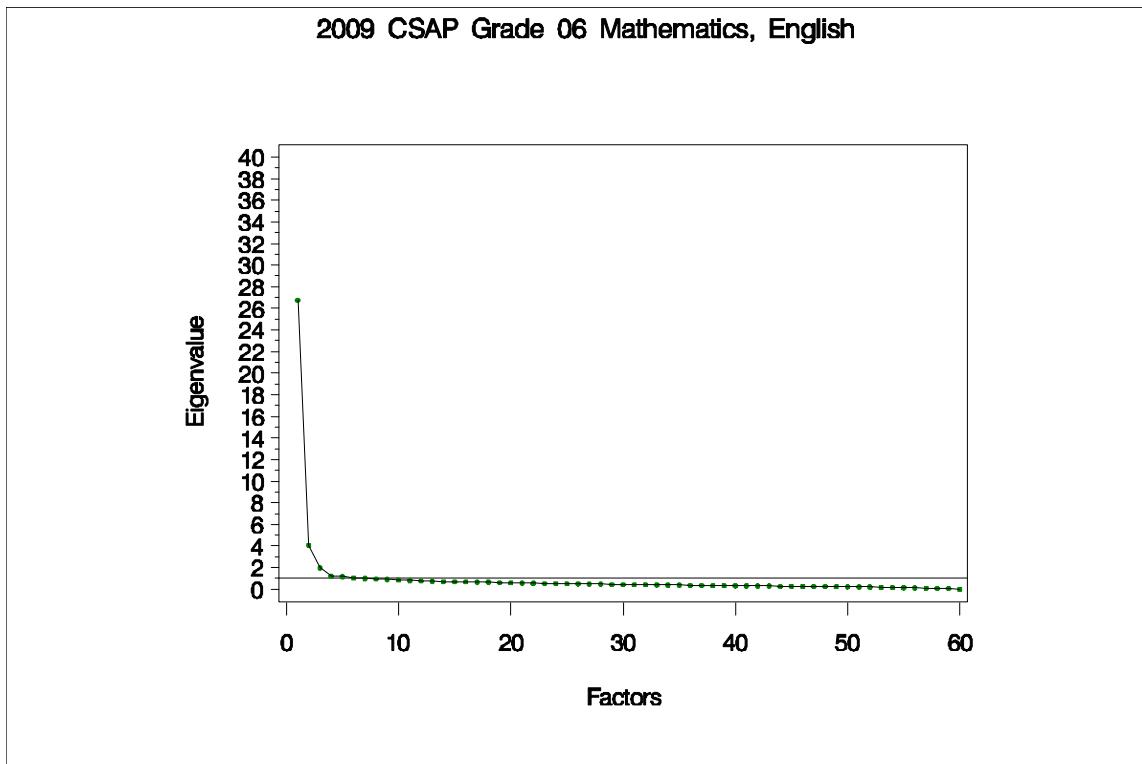
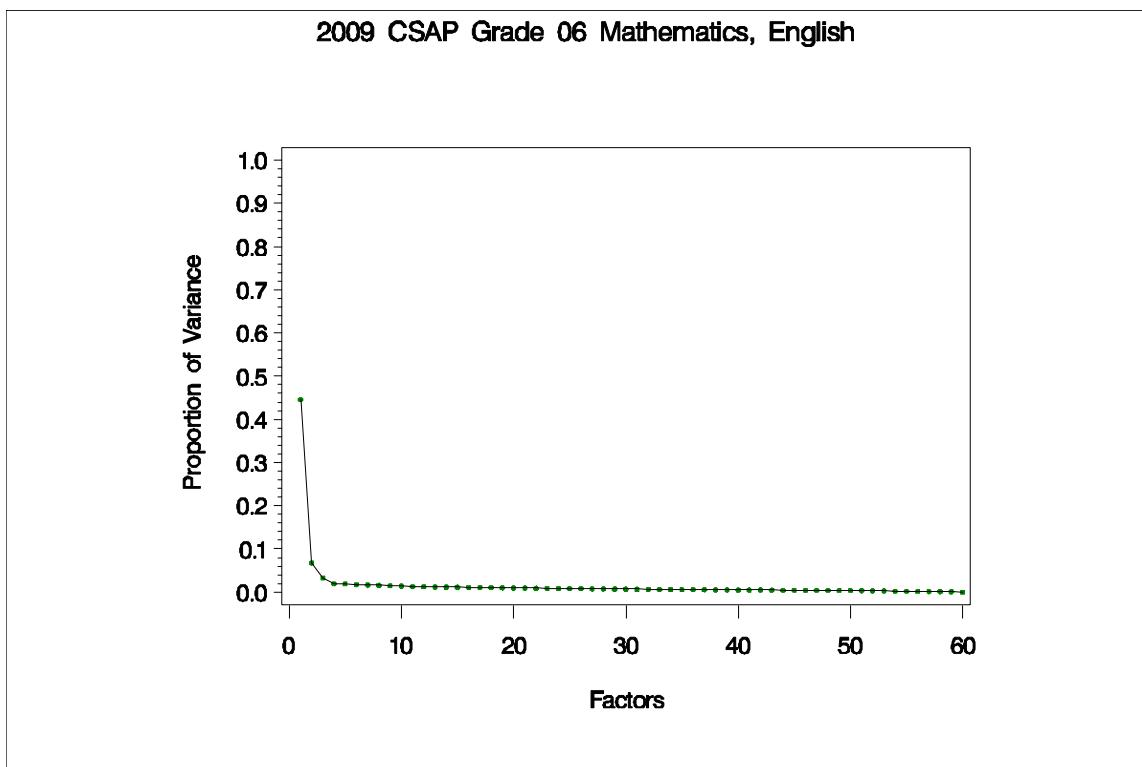
Figure 88a. Eigenvalues for CSAP Mathematics Grade 6**Figure 88b. Proportion of Variance by Factor for CSAP Mathematics Grade 6**

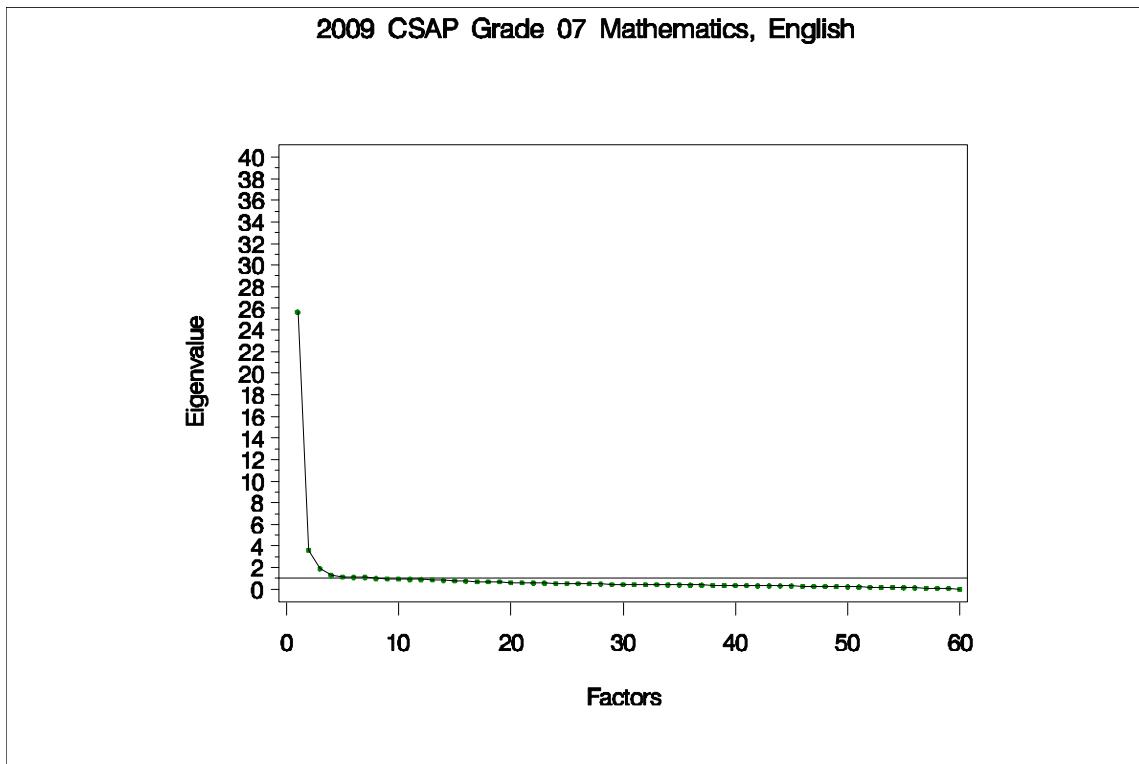
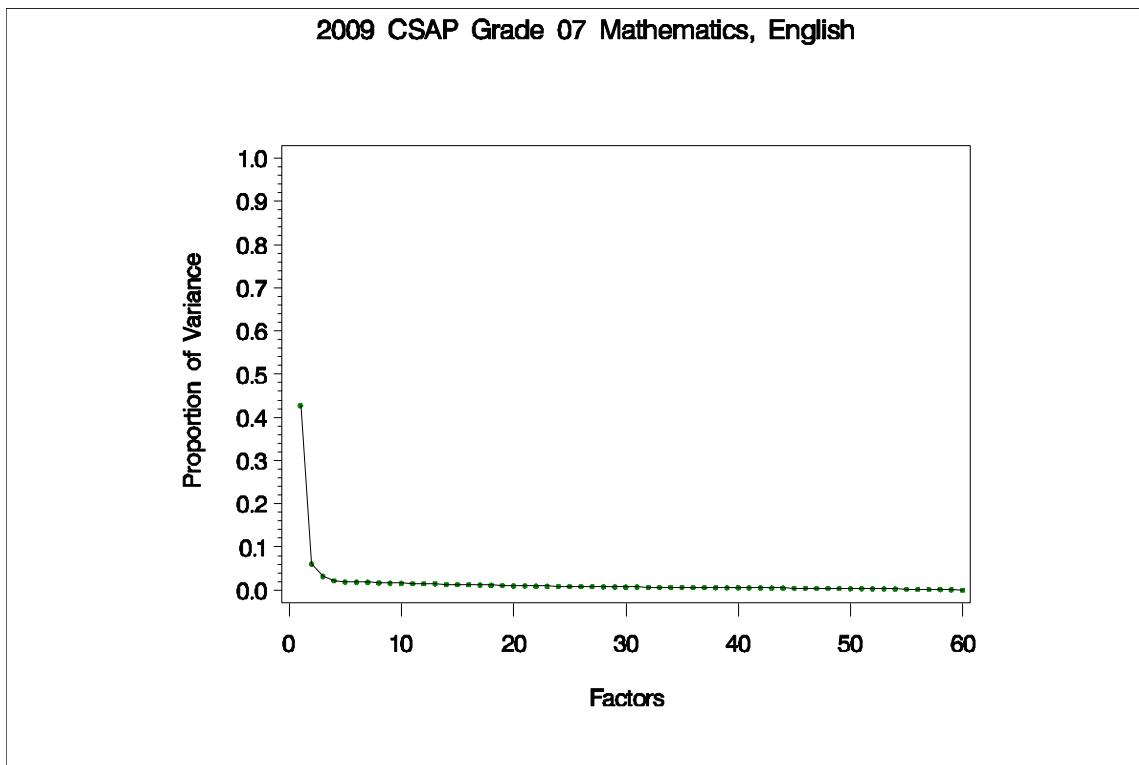
Figure 89a. Eigenvalues for CSAP Mathematics Grade 7**Figure 89b. Proportion of Variance by Factor for CSAP Mathematics Grade 7**

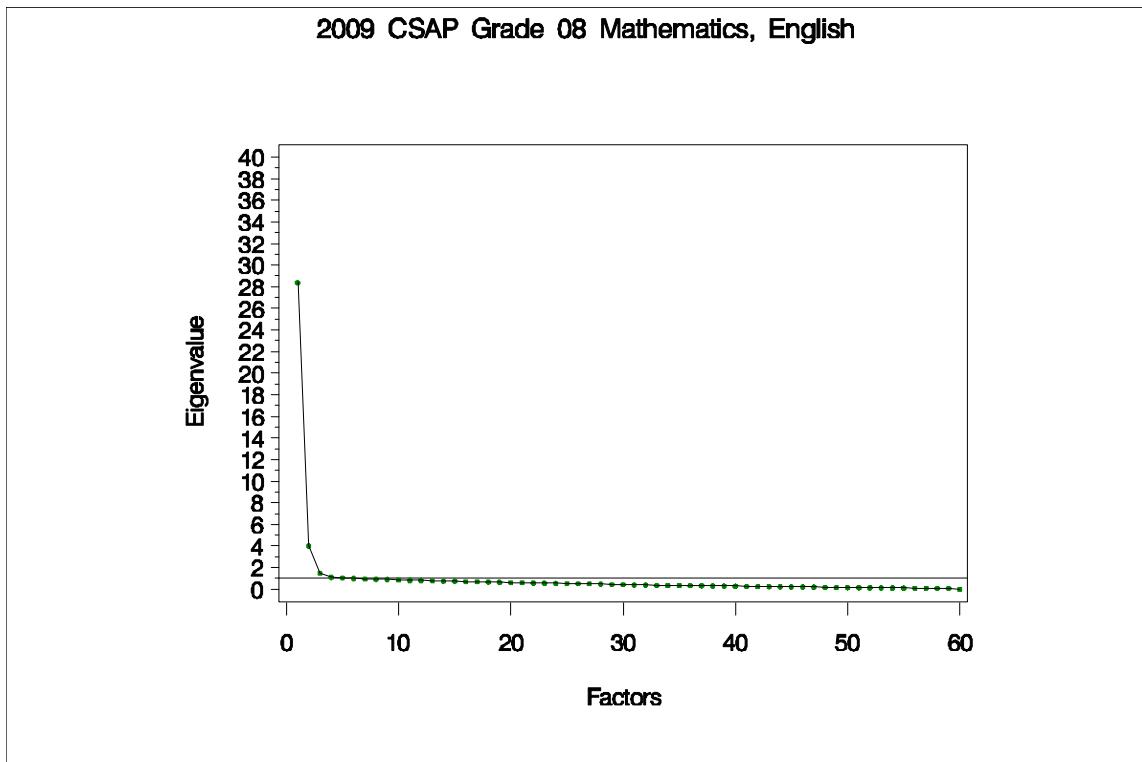
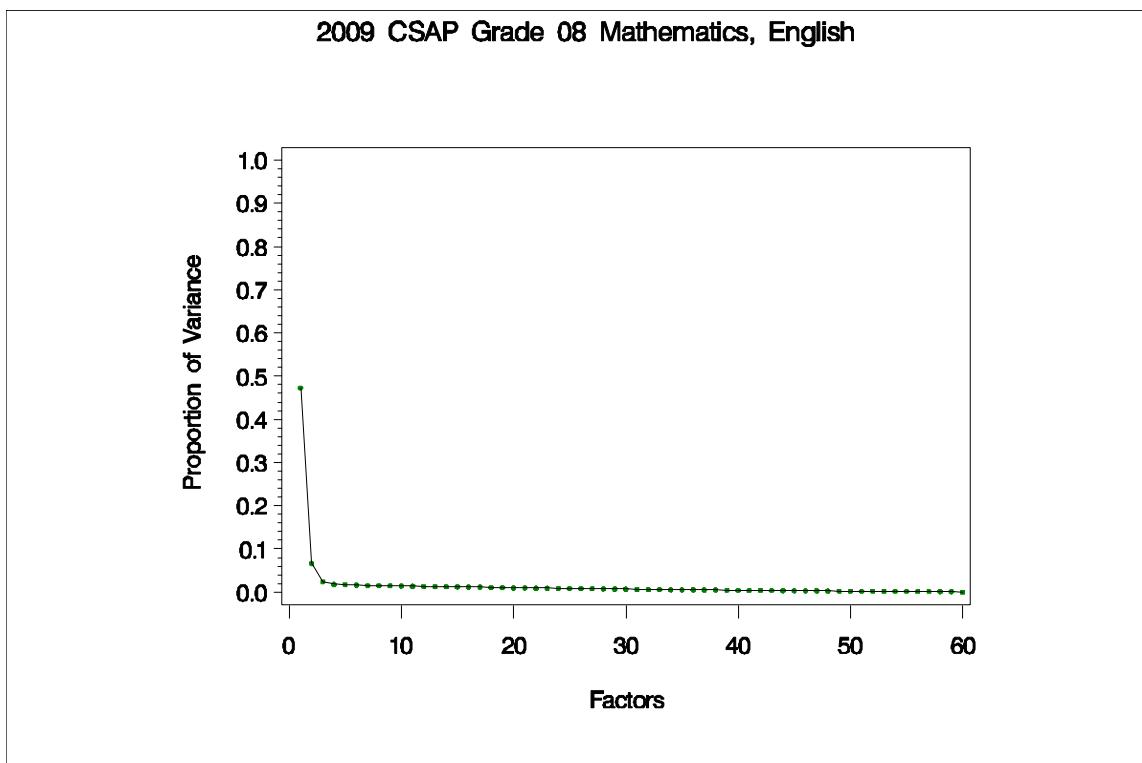
Figure 90a. Eigenvalues for CSAP Mathematics Grade 8**Figure 90b. Proportion of Variance by Factor for CSAP Mathematics Grade 8**

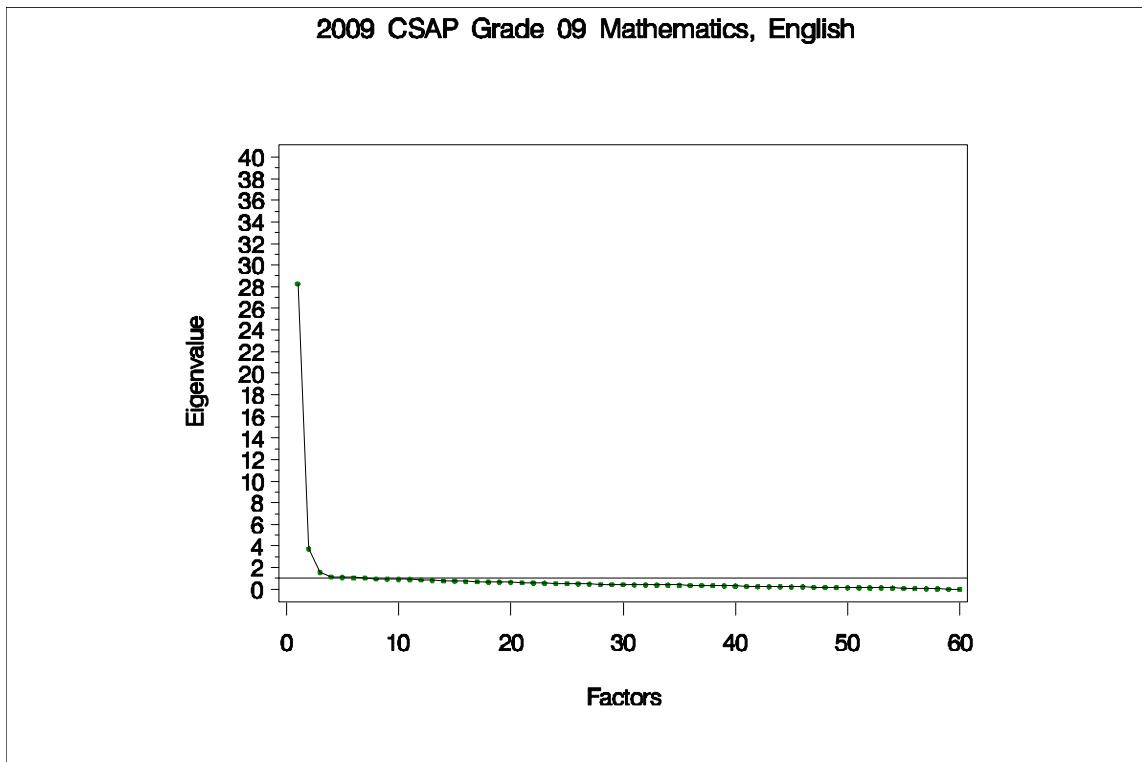
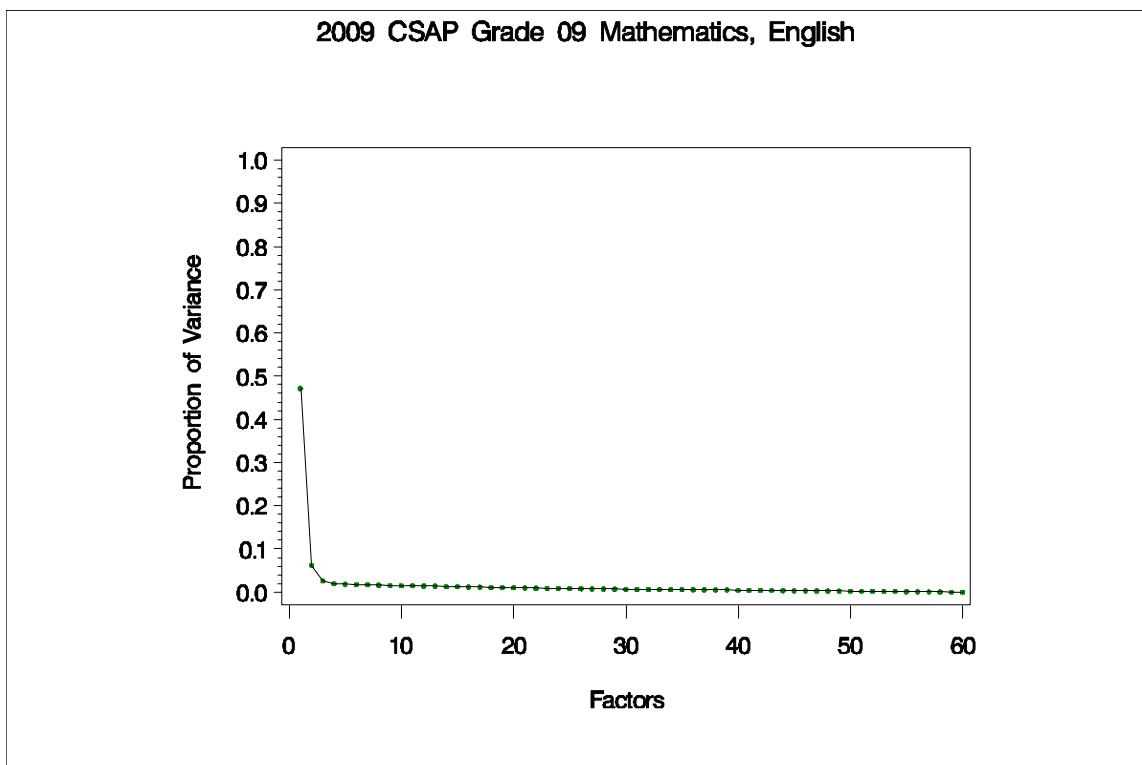
Figure 91a. Eigenvalues for CSAP Mathematics Grade 9**Figure 91b. Proportion of Variance by Factor for CSAP Mathematics Grade 9**

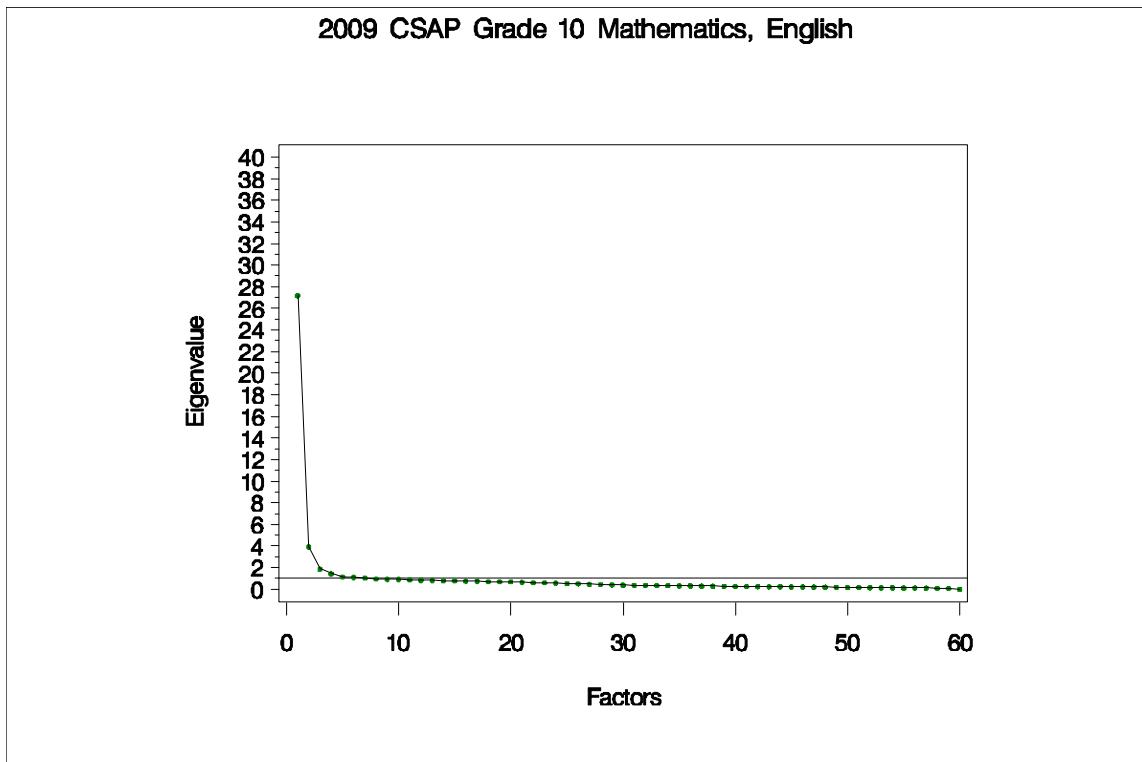
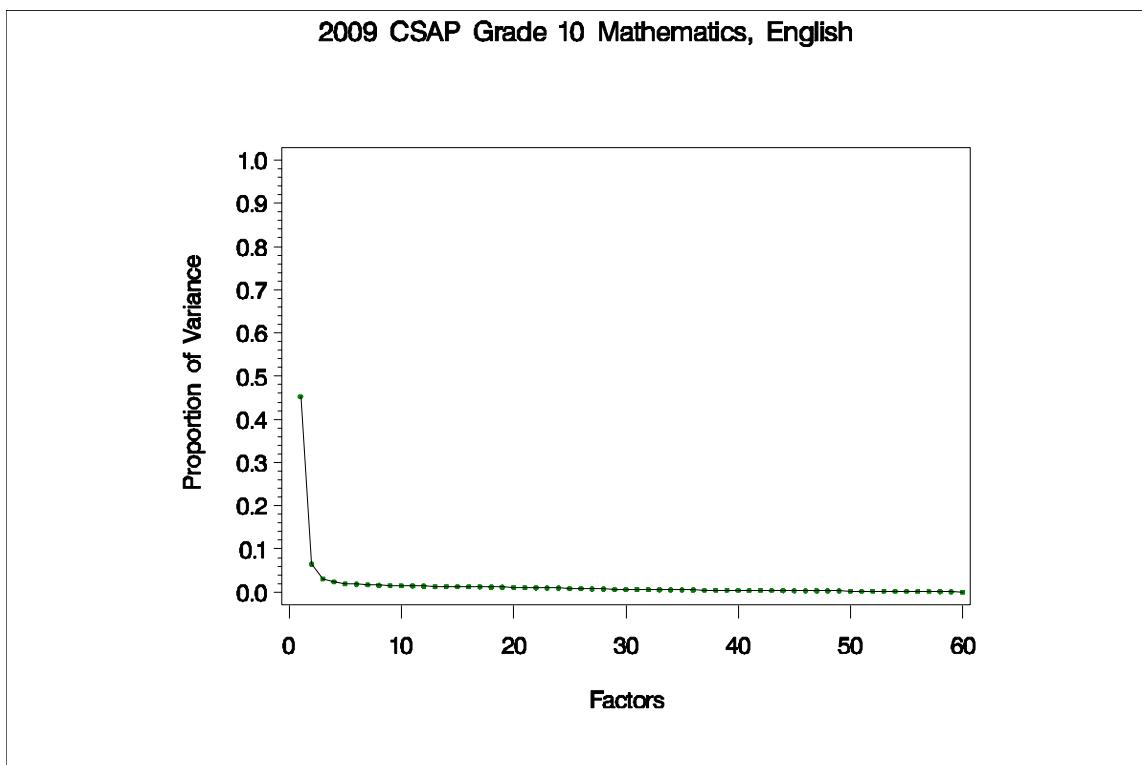
Figure 92a. Eigenvalues for CSAP Mathematics Grade 10**Figure 92b. Proportion of Variance by Factor for CSAP Mathematics Grade 10**

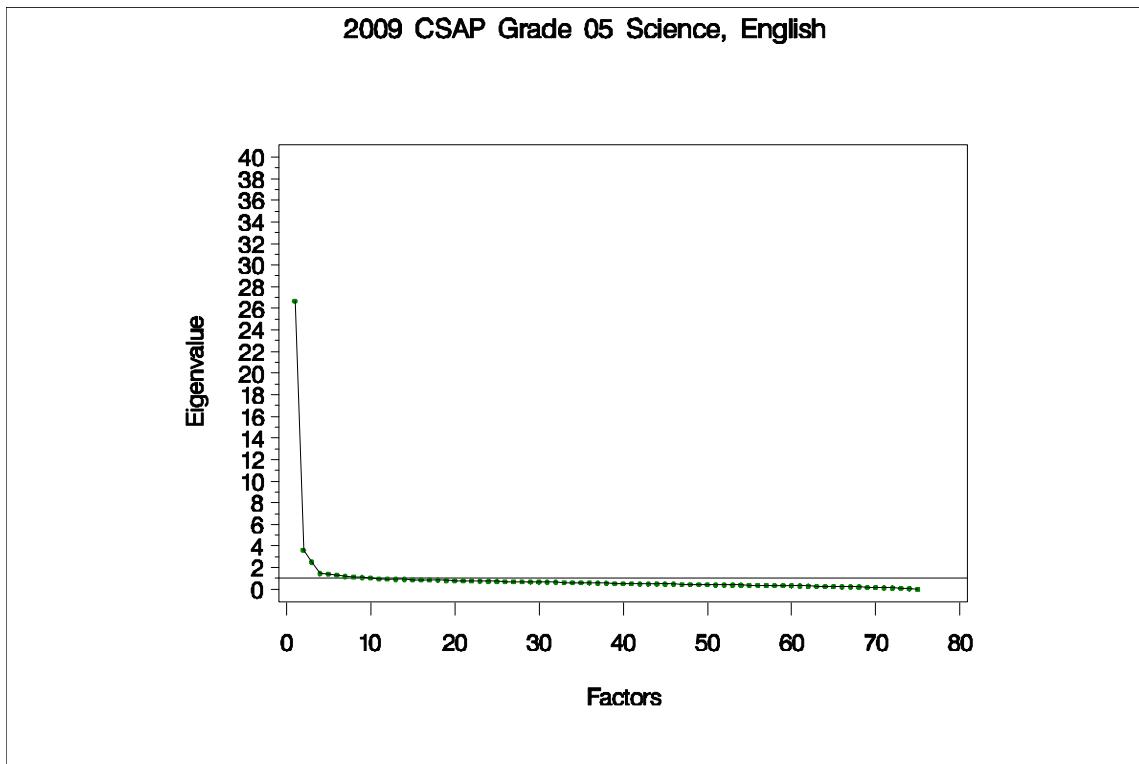
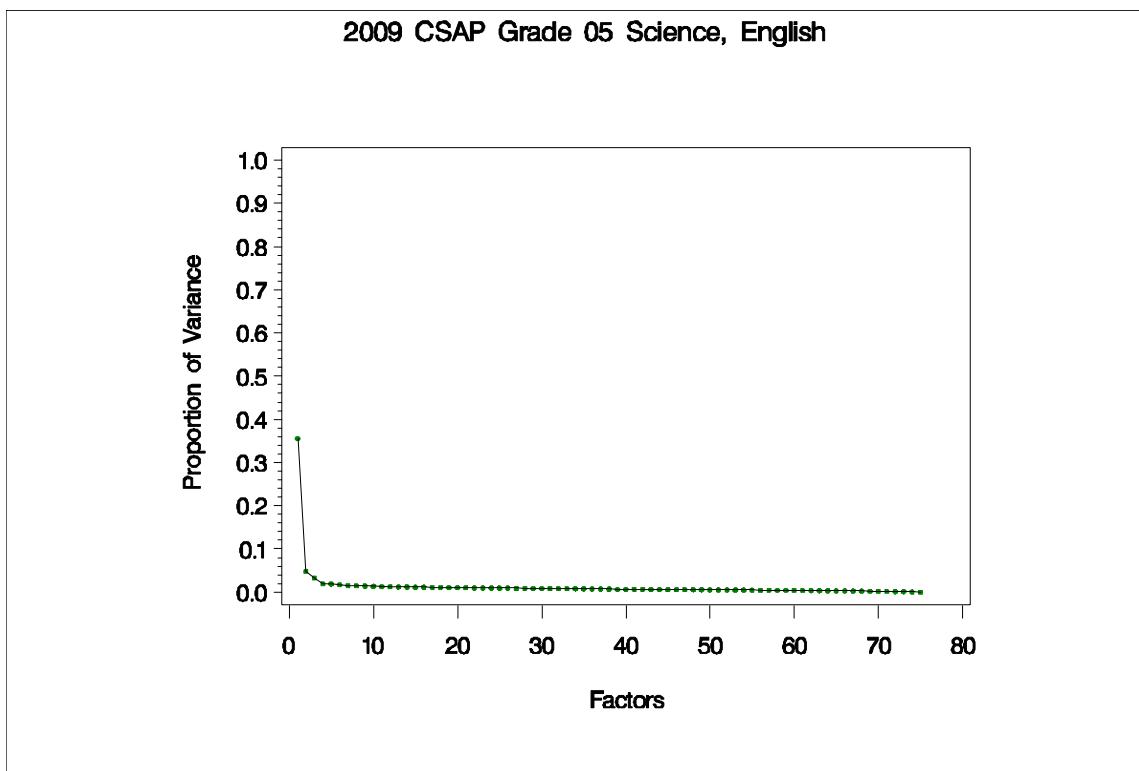
Figure 93a. Eigenvalues for CSAP Science Grade 5**Figure 93b. Proportion of Variance by Factor for CSAP Science Grade 5**

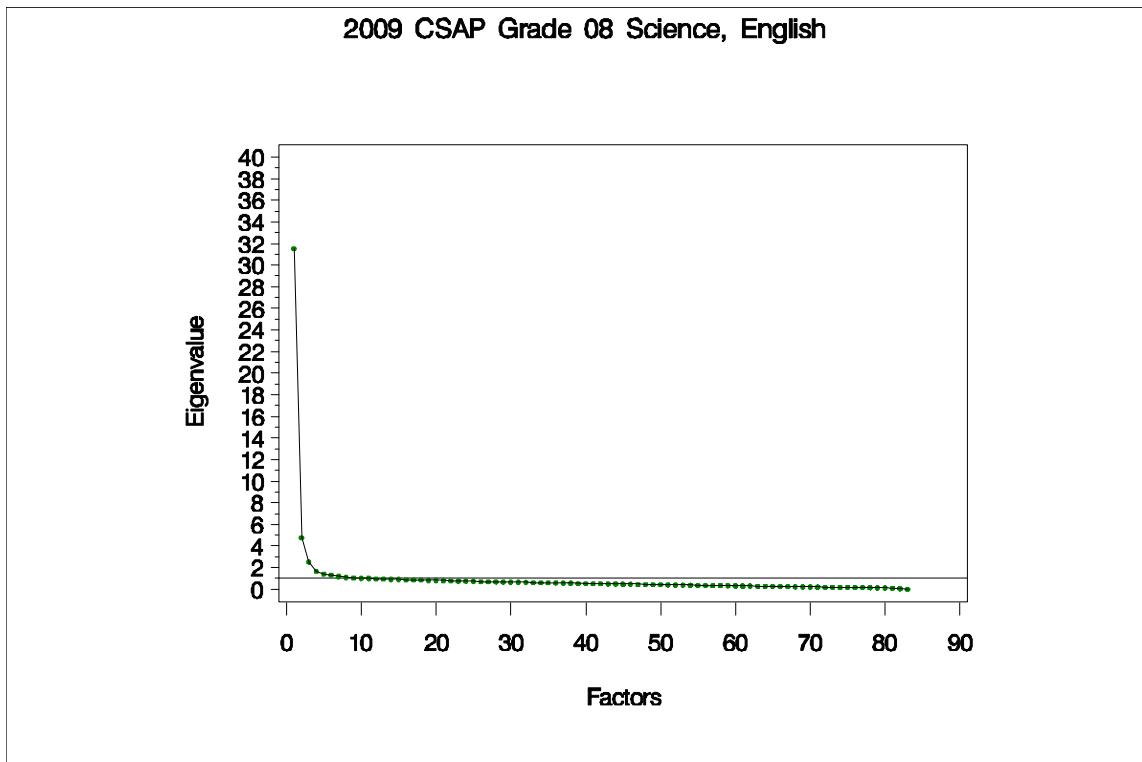
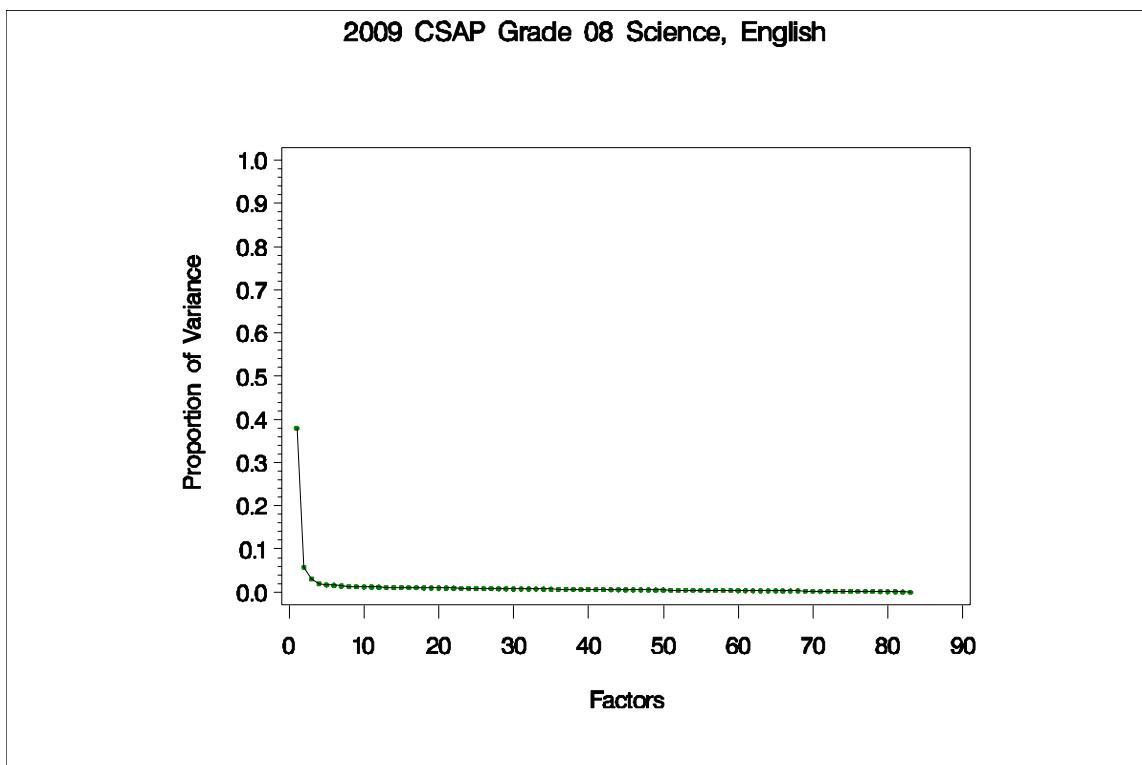
Figure 94a. Eigenvalues for CSAP Science Grade 8**Figure 94b. Proportion of Variance by Factor for CSAP Science Grade 8**

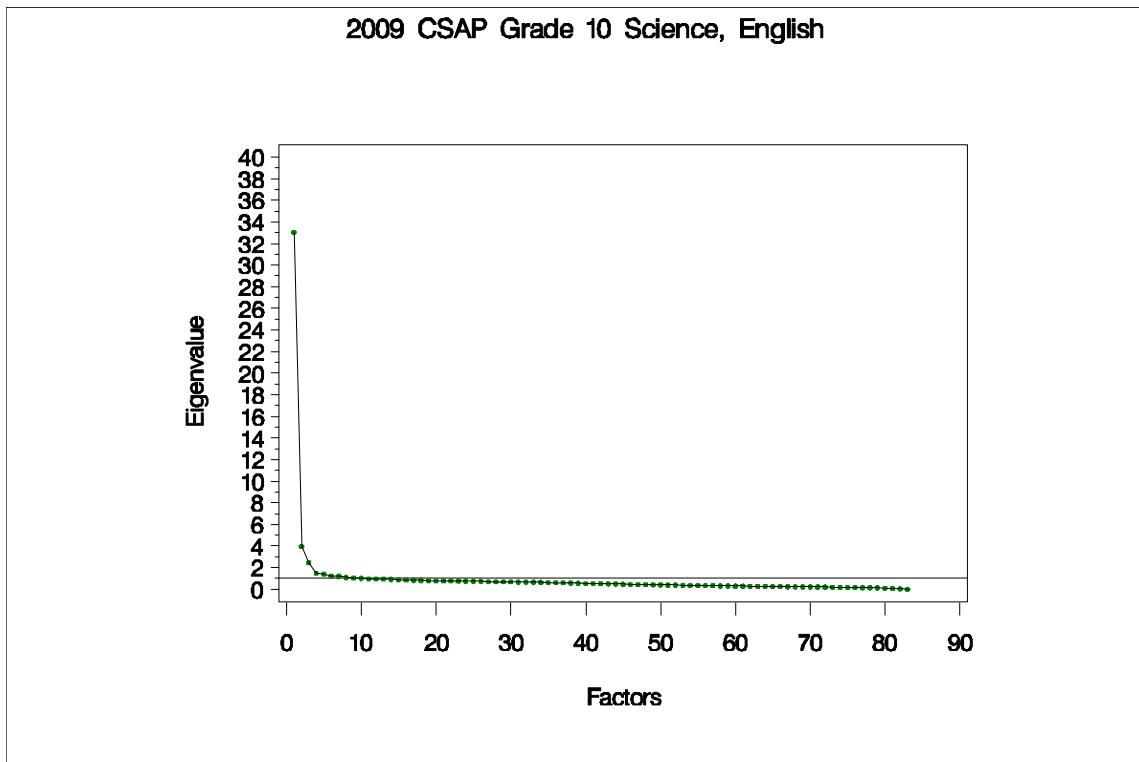
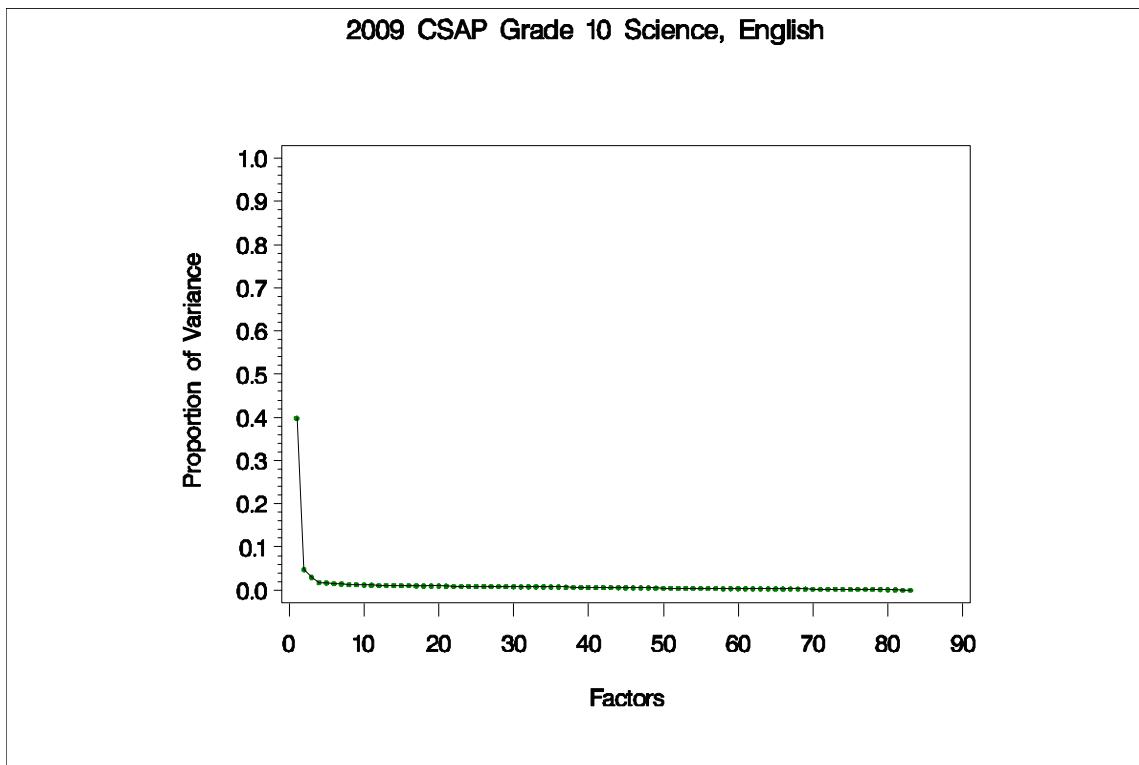
Figure 95a. Eigenvalues for CSAP Science Grade 10**Figure 95b. Proportion of Variance by Factor for CSAP Science Grade 10**

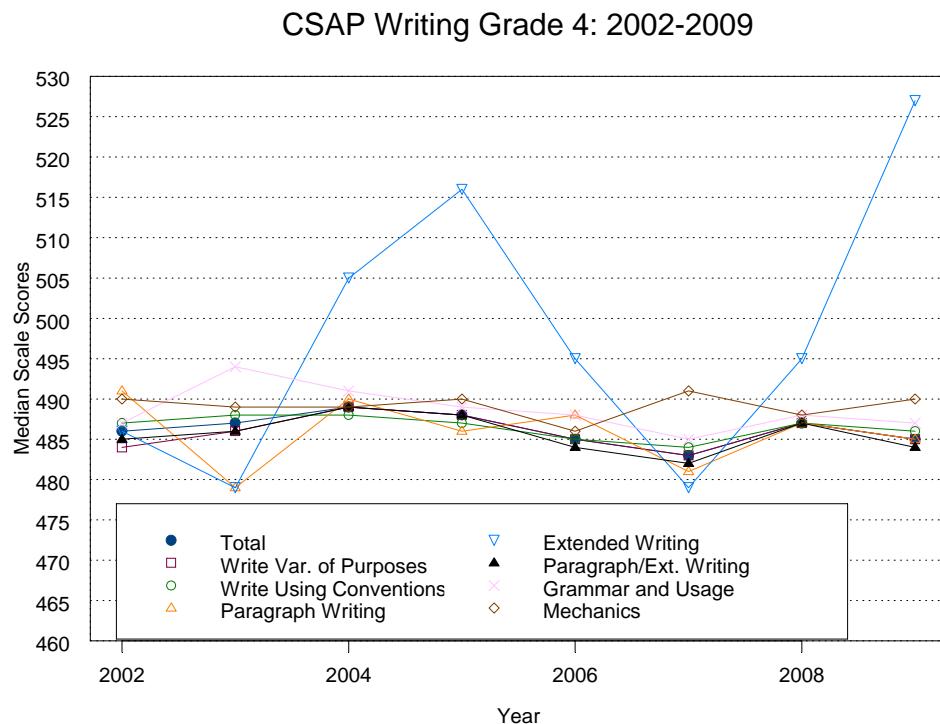
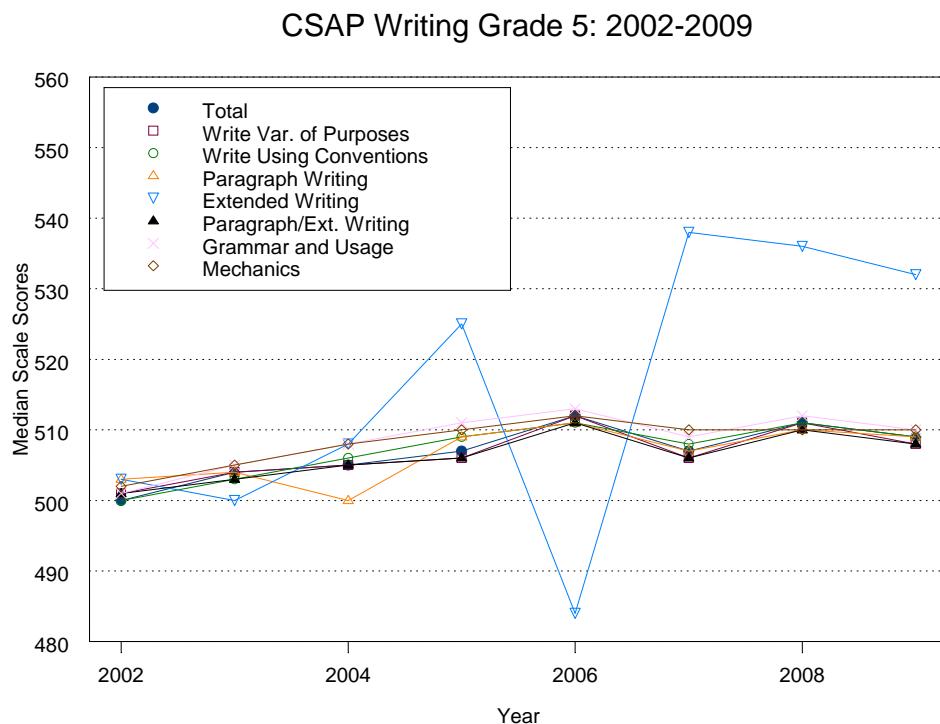
Figure 96. Median Scale Scores by Year for Writing Subcontent Areas: Grade 4**Figure 97. Median Scale Scores by Year for Writing Subcontent Areas: Grade 5**

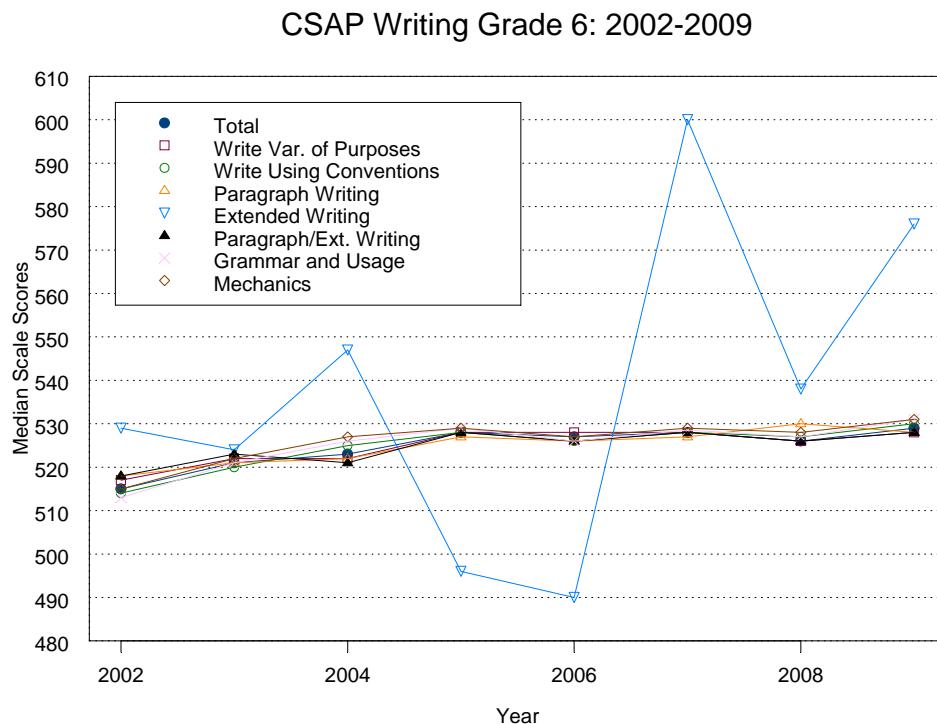
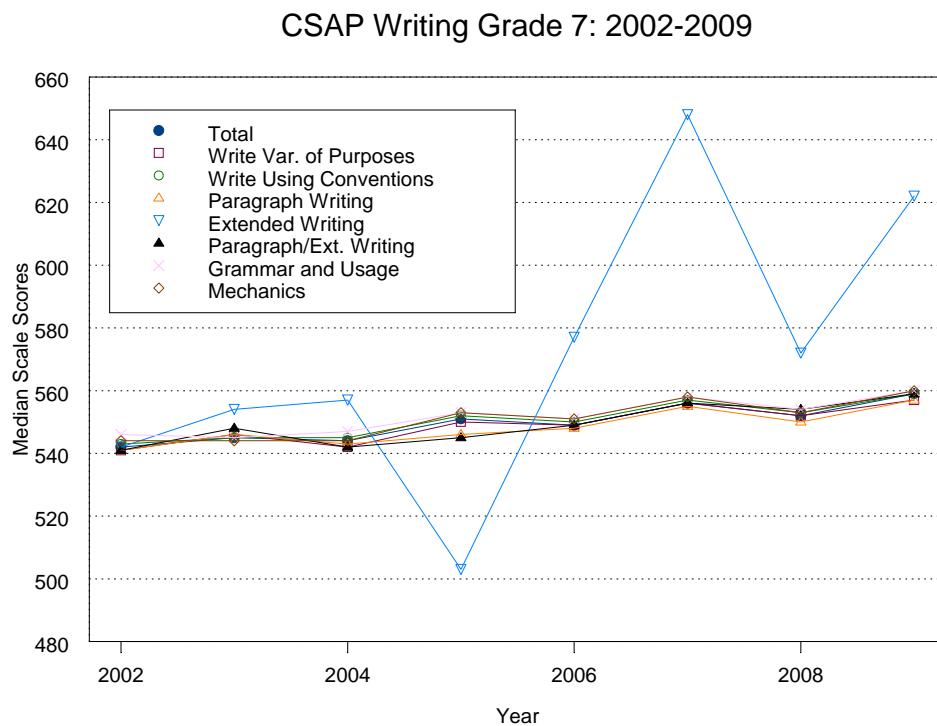
Figure 98. Median Scale Scores by Year for Writing Subcontent Areas: Grade 6**Figure 99. Median Scale Scores by Year for Writing Subcontent Areas: Grade 7**

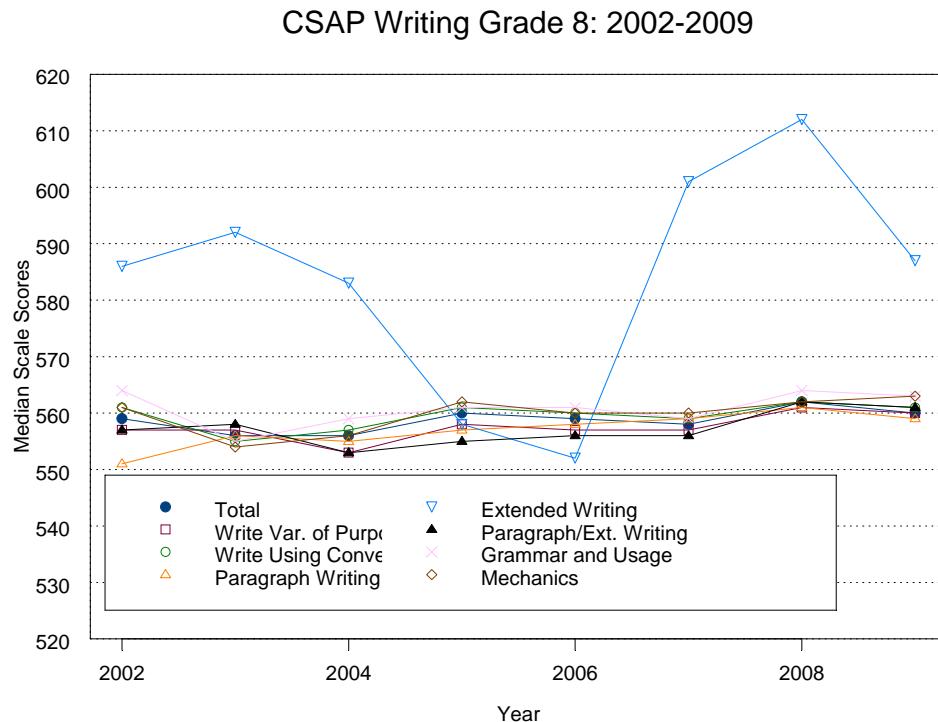
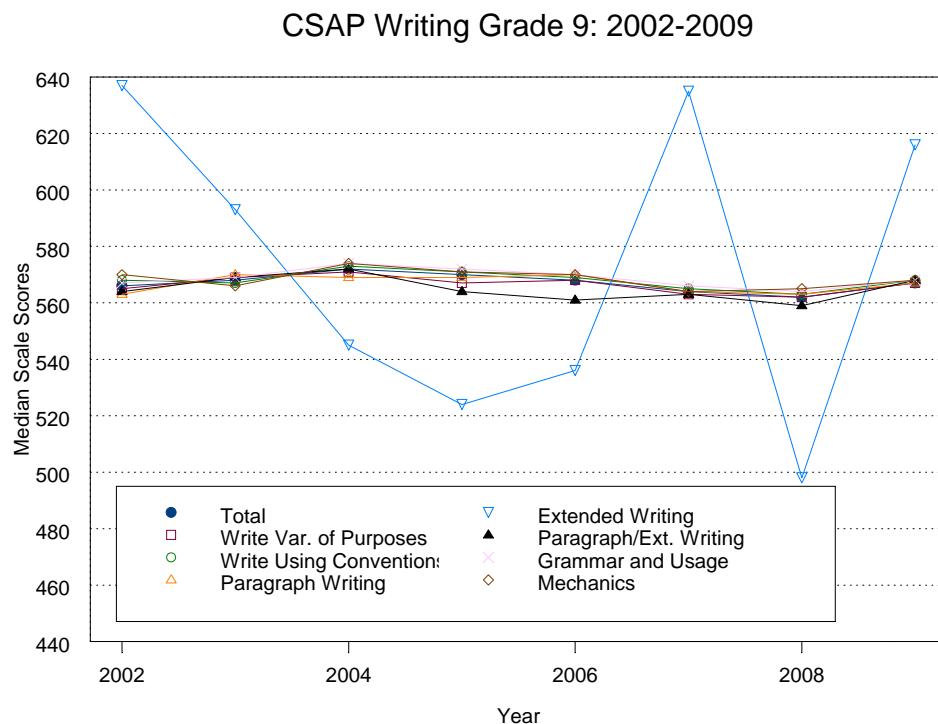
Figure 100. Median Scale Scores by Year for Writing Subcontent Areas: Grade 8**Figure 101. Median Scale Scores by Year for Writing Subcontent Areas: Grade 9**

Figure 102. Median Scale Scores by Year for Writing Subcontent Areas: Grade 10