

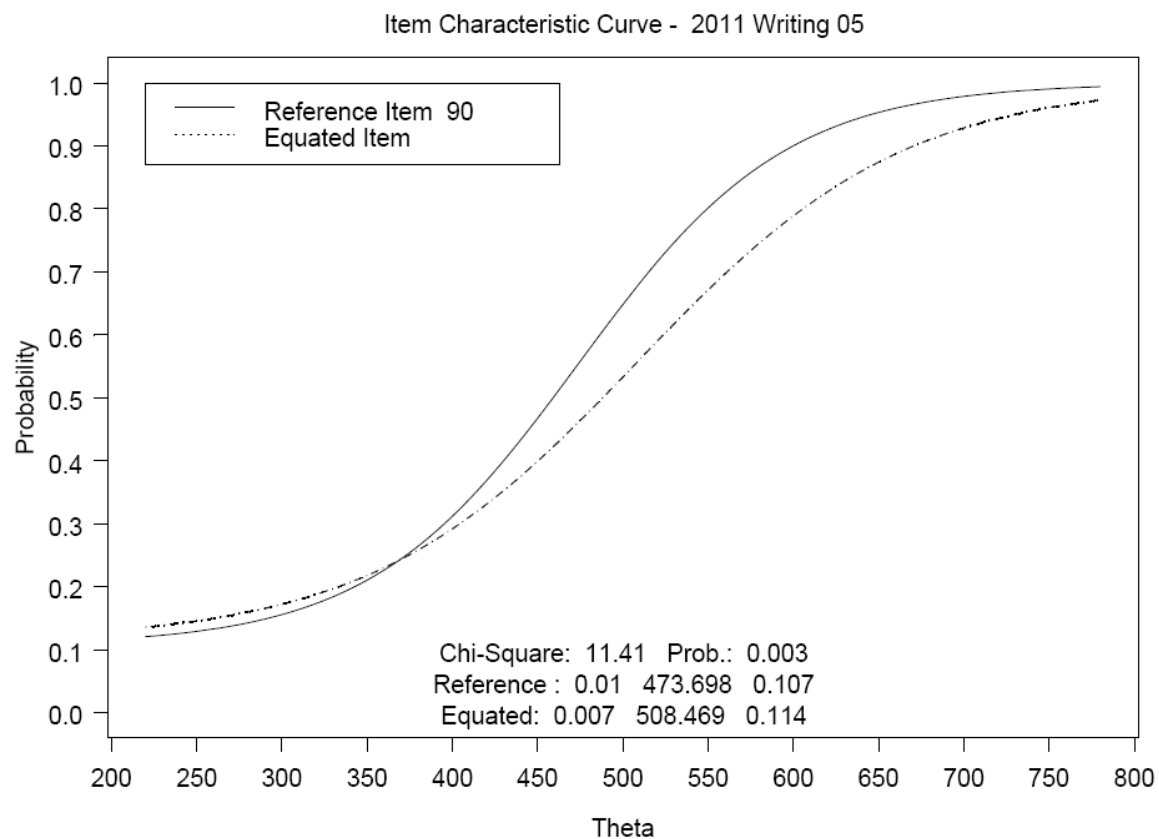
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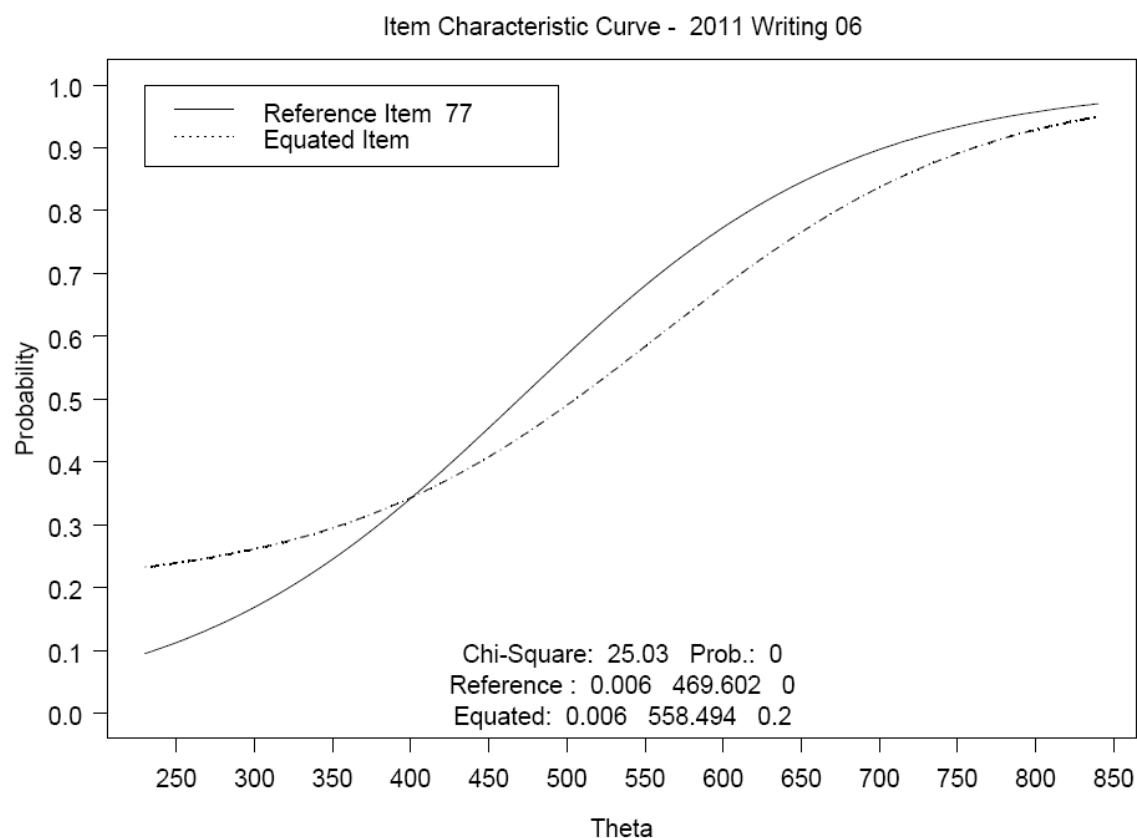
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**Figure 1. Item Characteristic Curves for Writing Grade 5 Anchor Item 90  
Unanchored from the Equating of the Operational Test**

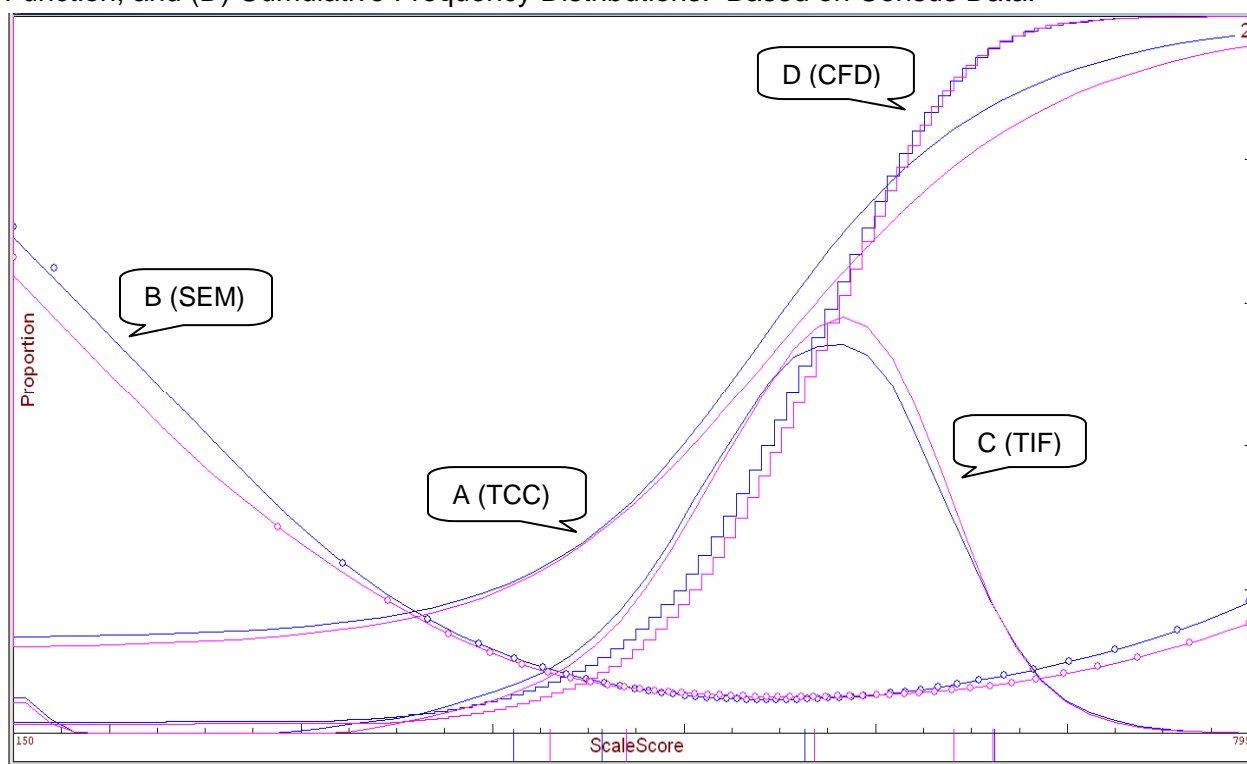


**Figure 2. Item Characteristic Curves for Writing Grade 6 Anchor Item 77  
Unanchored from the Equating of the Operational Test**

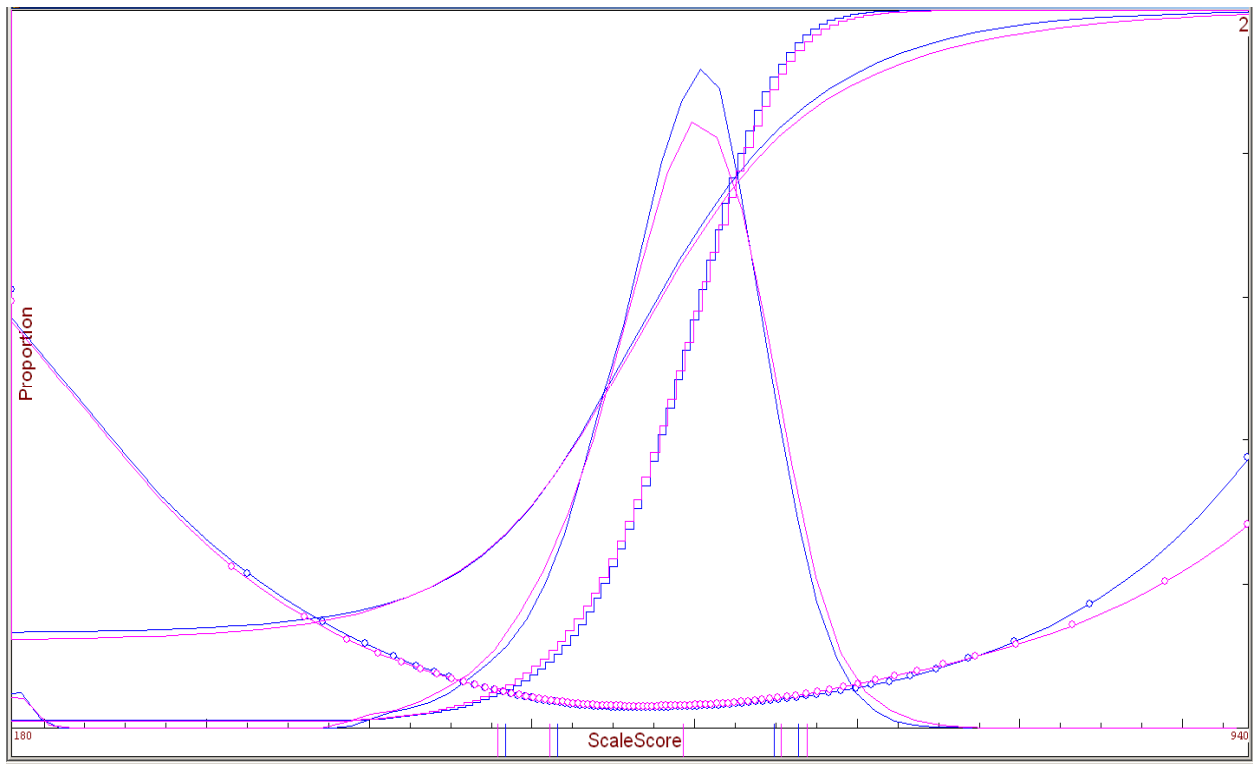


**Figure 3. CSAP Grade 3 Reading Operational Tests**

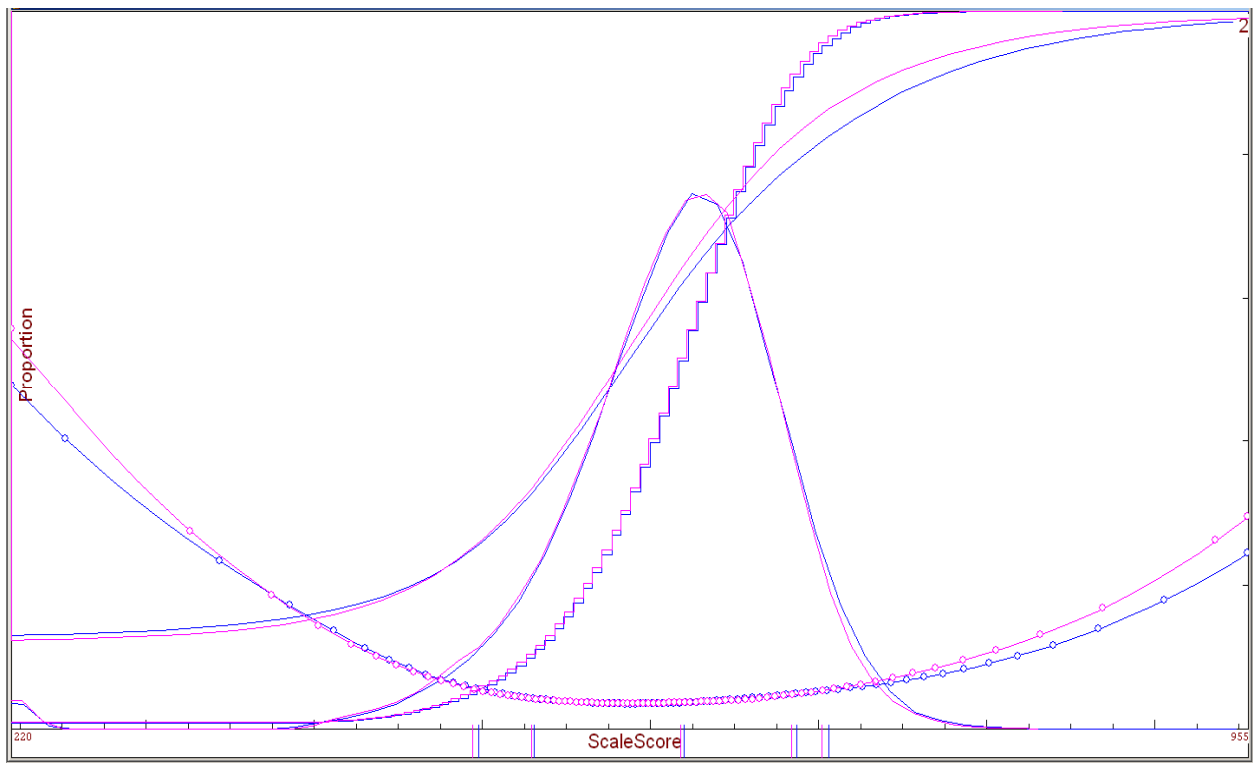
(A) Test Characteristic Curves, (B) Standard Errors of Measurement, (C) Test Information Function, and (D) Cumulative Frequency Distributions. Based on Census Data.



Blue = 2010, Pink = 2011

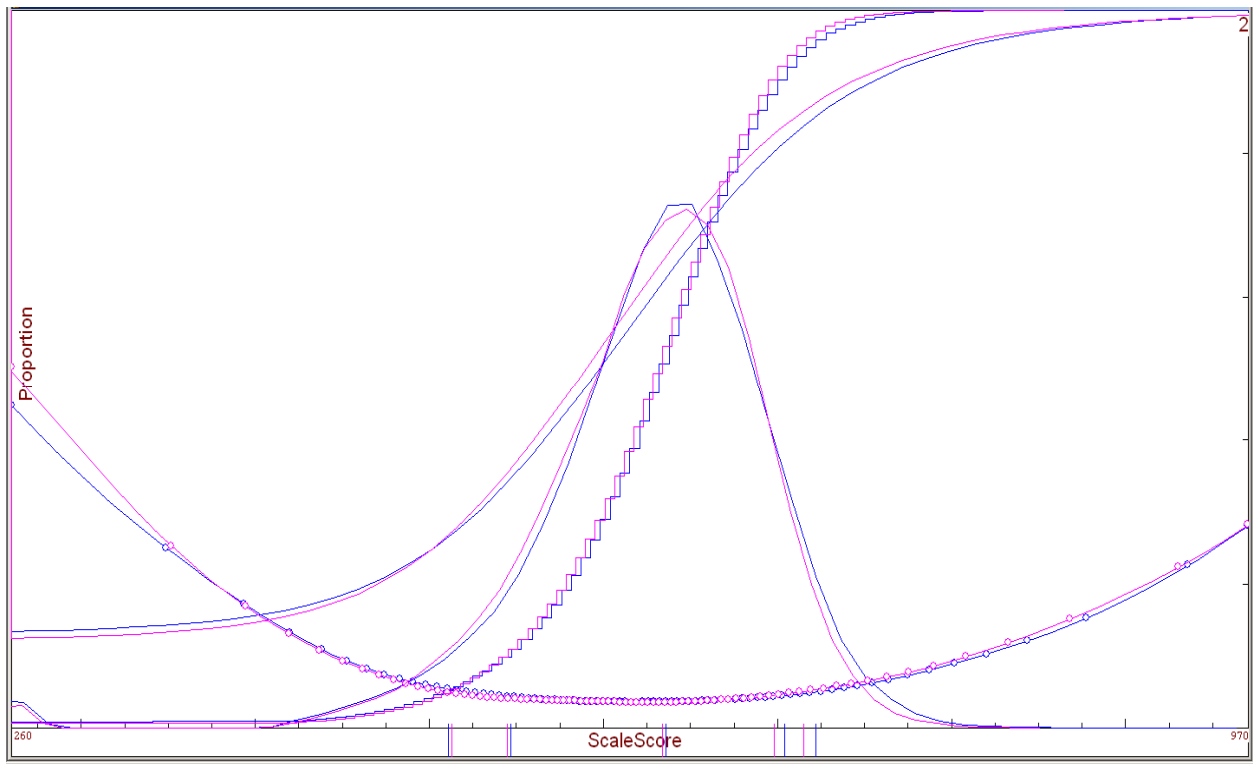
**Figure 4. CSAP Grade 4 Reading Operational Tests**

Blue = 2010, Pink = 2011

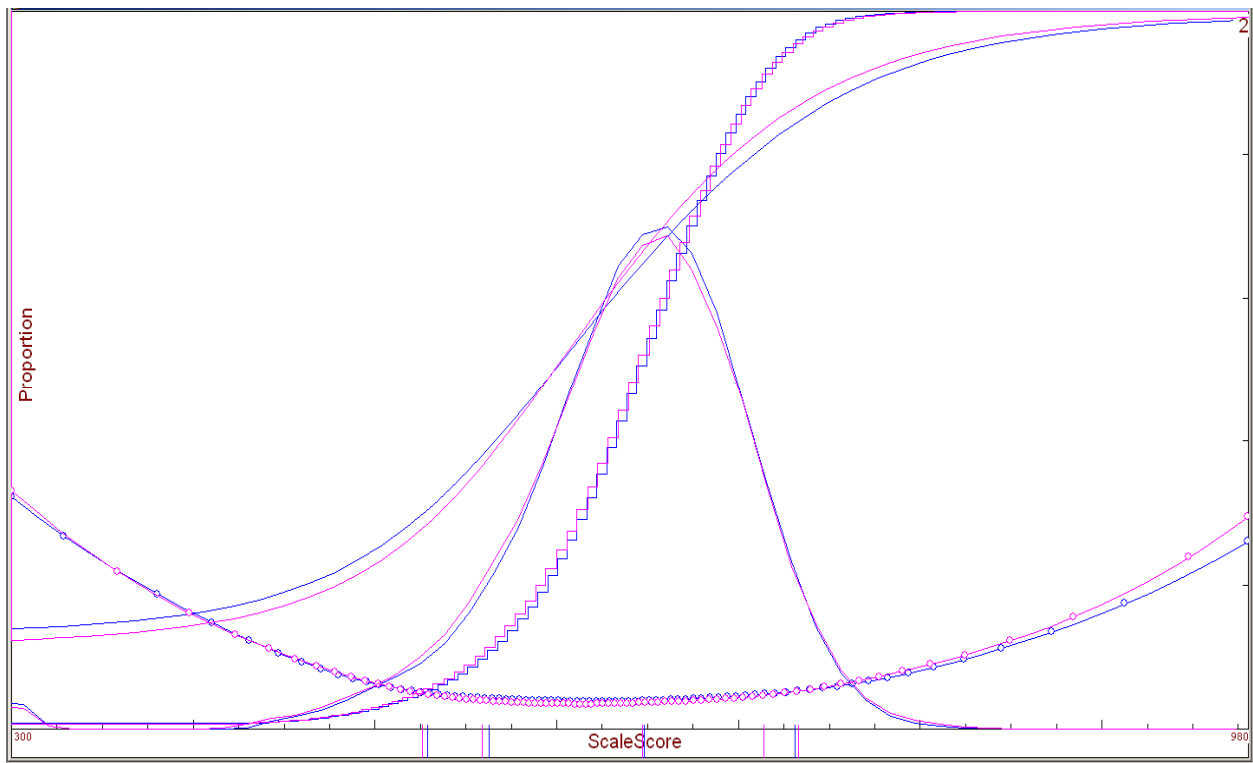
**Figure 5. CSAP Grade 5 Reading Operational Tests**

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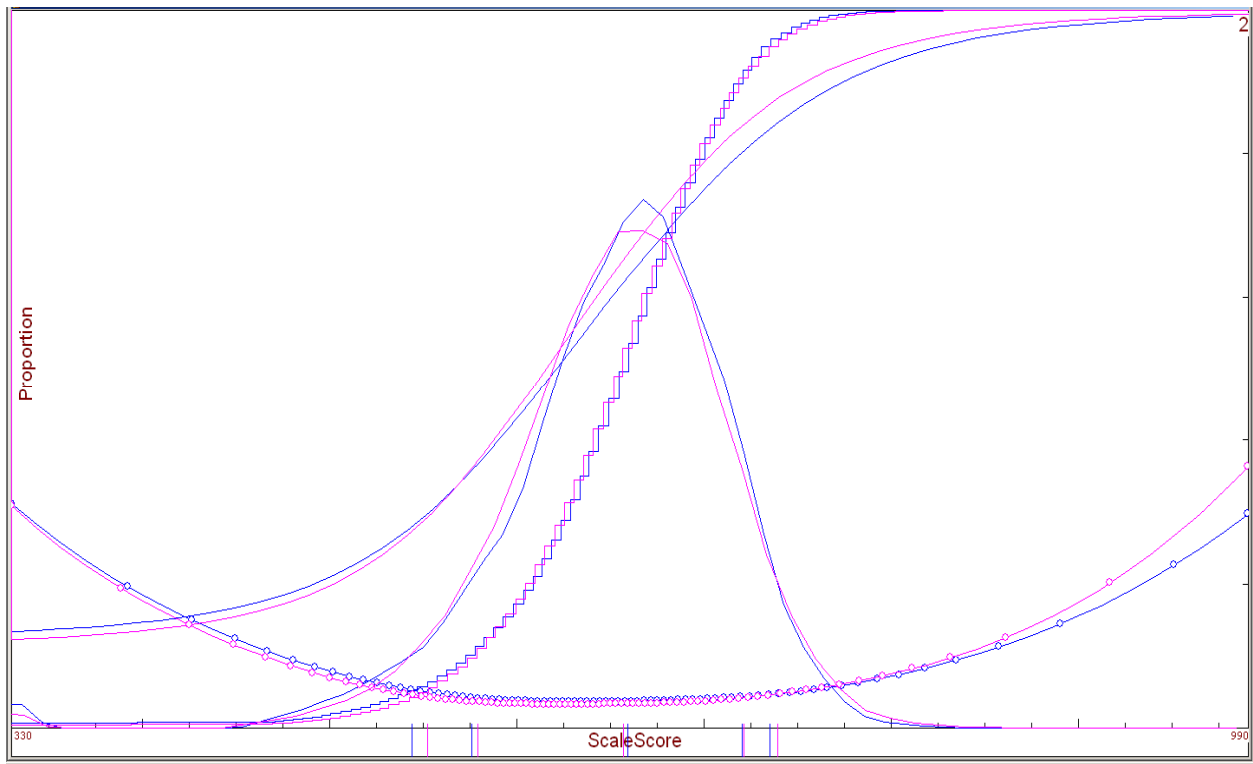


**Figure 6. CSAP Grade 6 Reading Operational Tests**

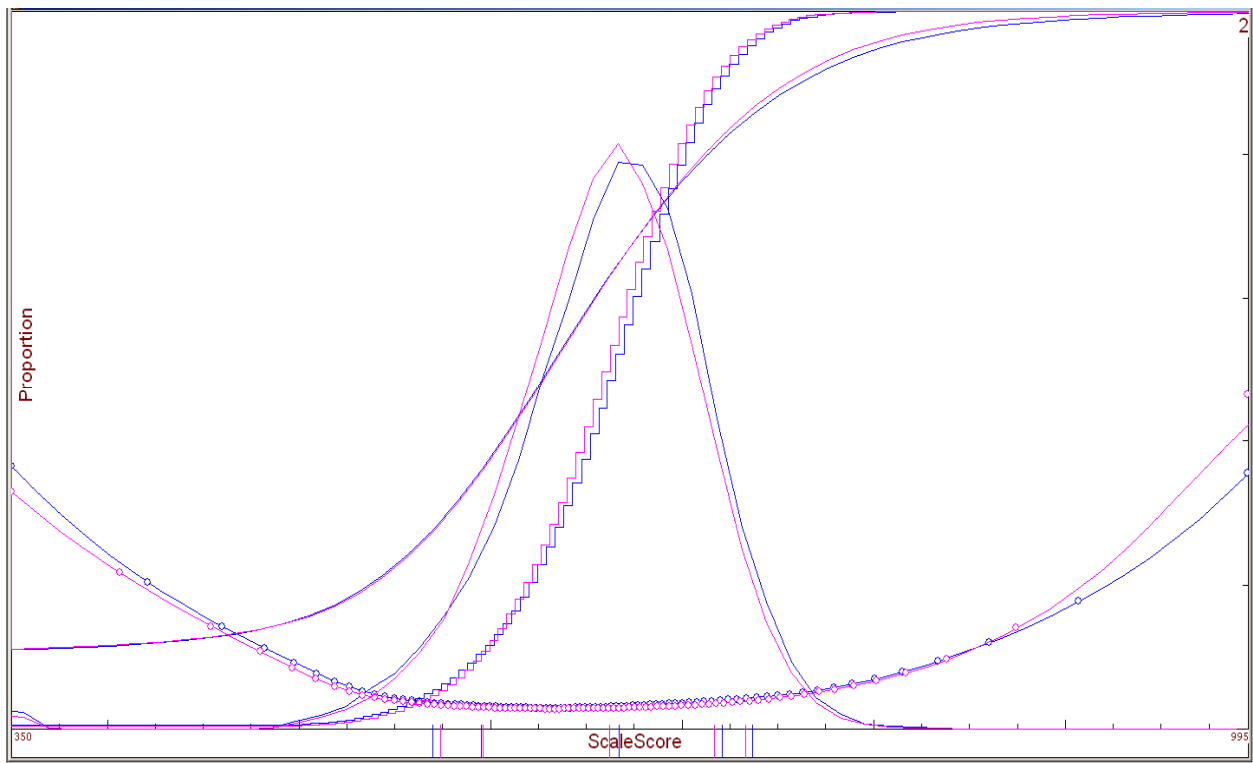
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**Figure 7. CSAP Grade 7 Reading Operational Tests**

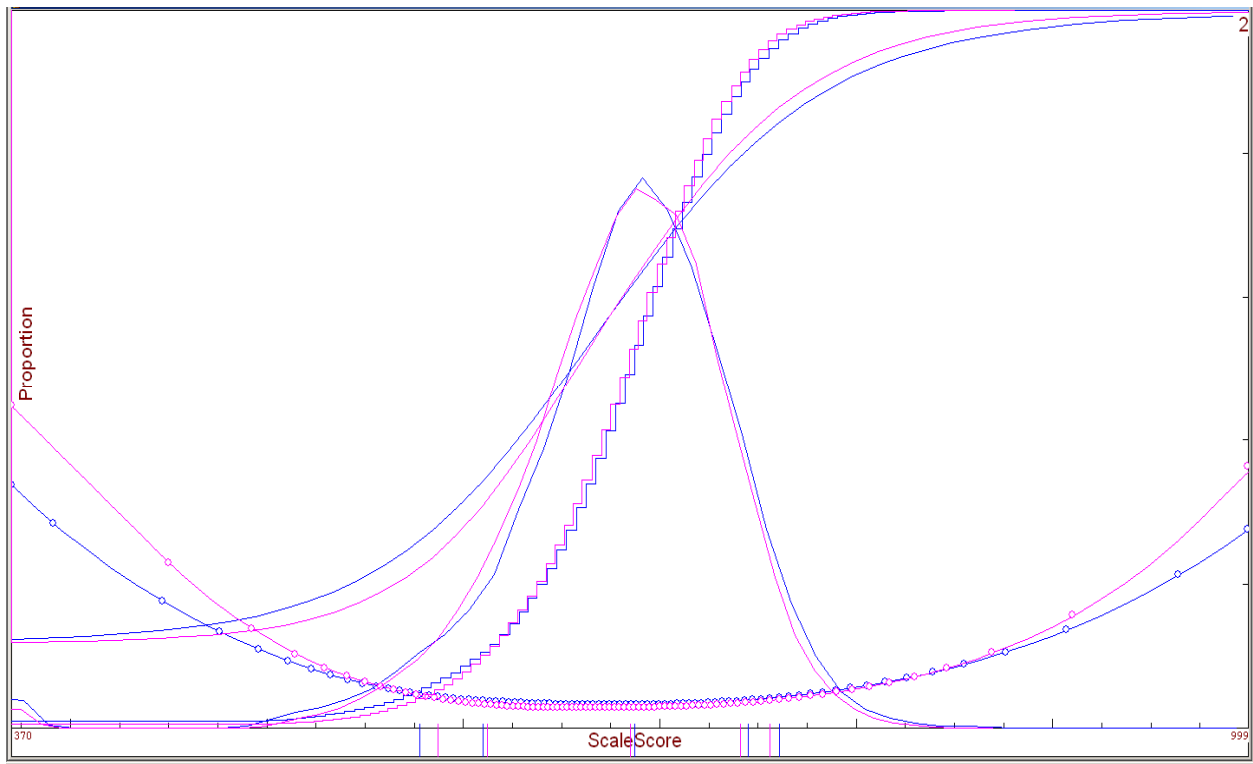
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**Figure 8. CSAP Grade 8 Reading Operational Tests**

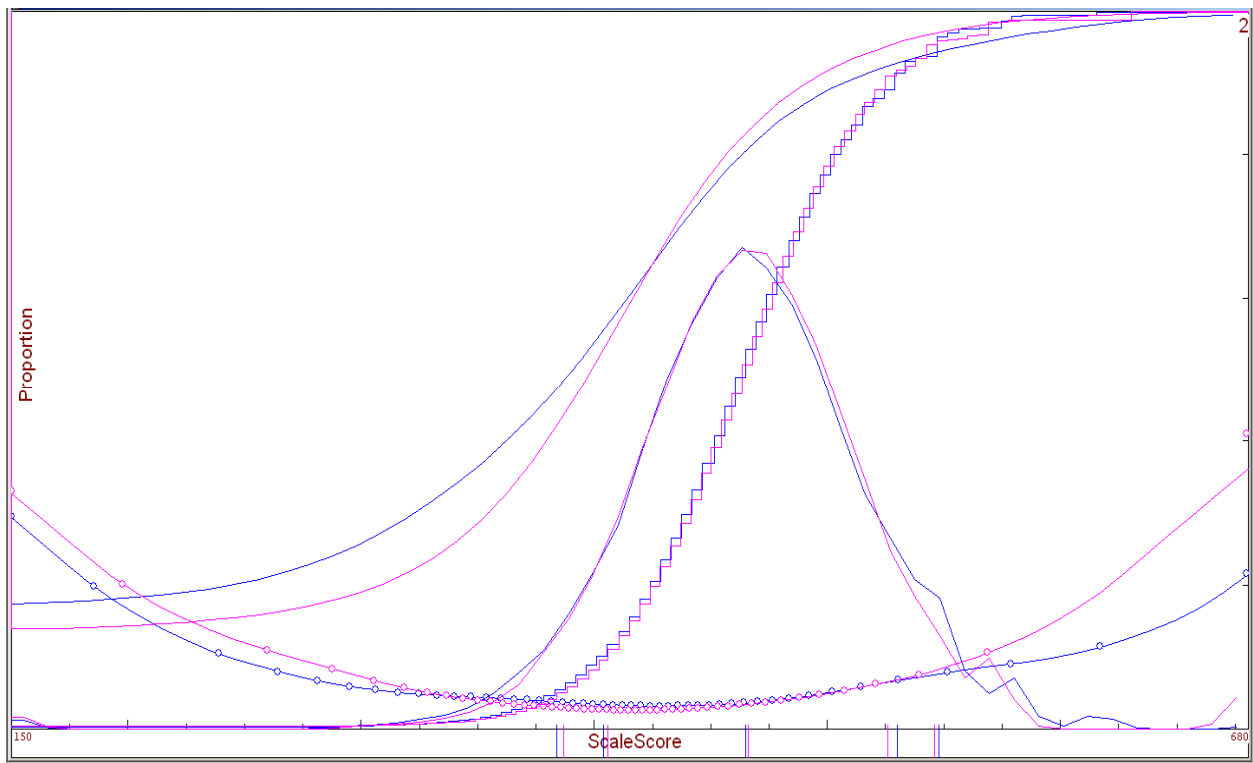
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**Figure 9. CSAP Grade 9 Reading Operational Tests**

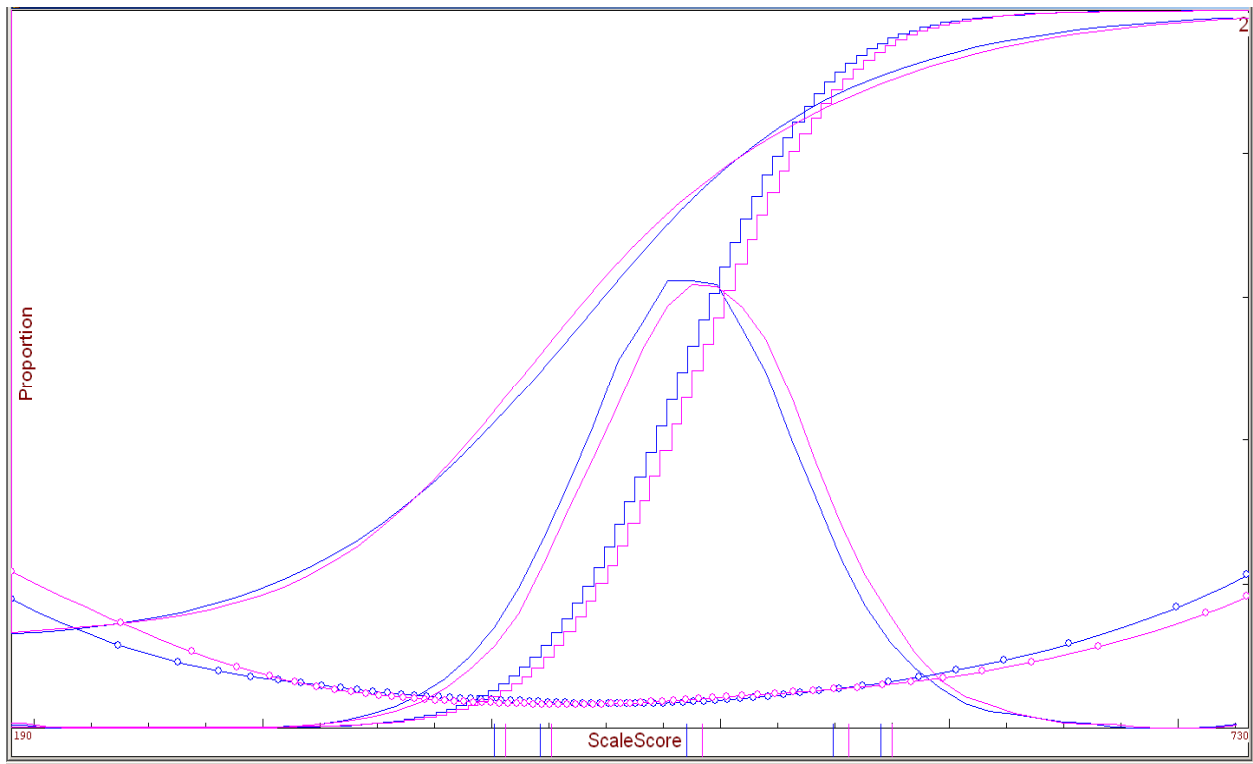
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**Figure 10. CSAP Grade 10 Reading Operational Tests**

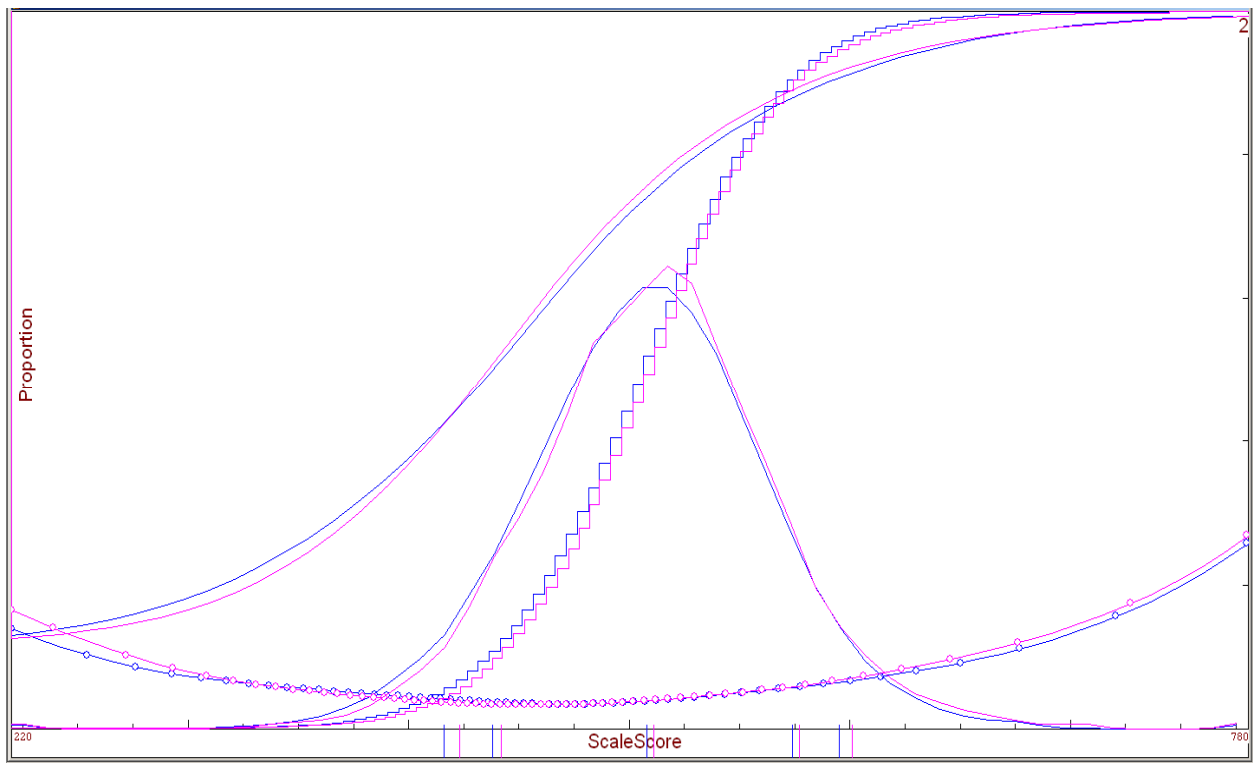
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**Figure 11. CSAP Grade 3 Writing Operational Tests**

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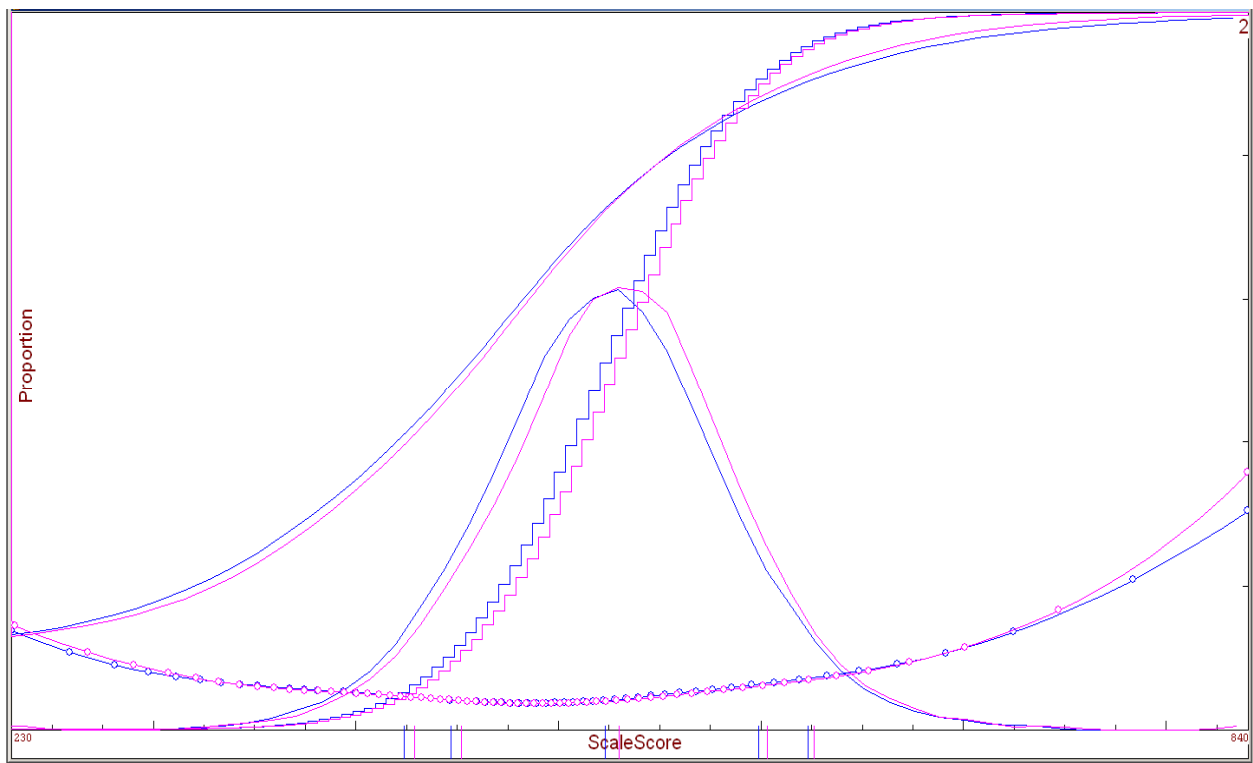
**Figure 12. CSAP Grade 4 Writing Operational Tests**

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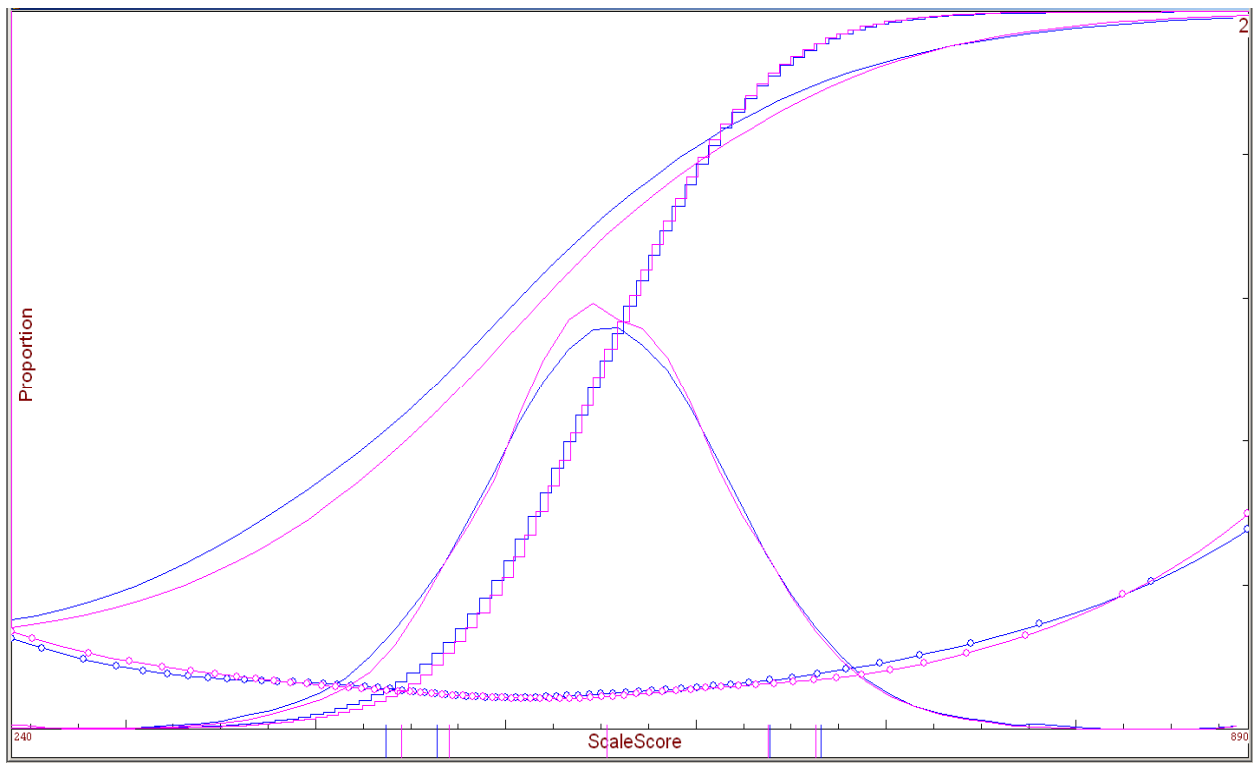
**Figure 13. CSAP Grade 5 Writing Operational Tests**

Blue = 2010, Pink = 2011

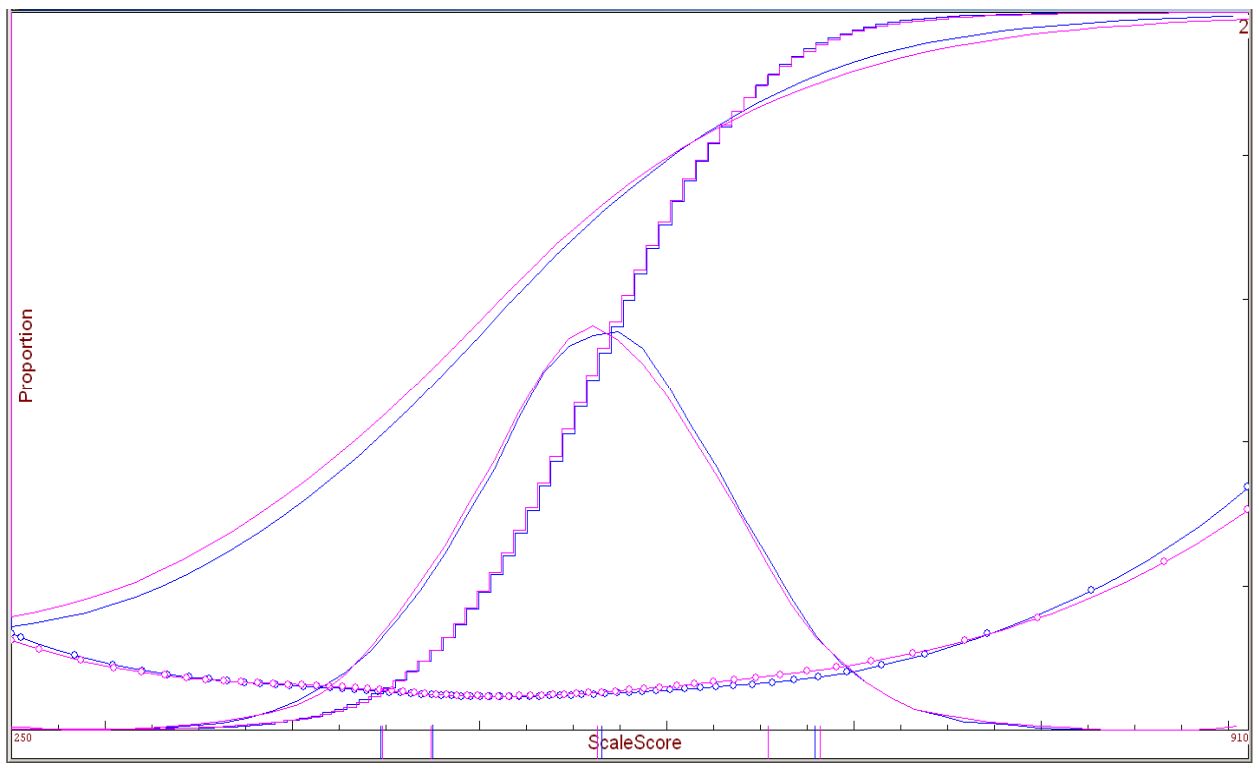


**Figure 14. CSAP Grade 6 Writing Operational Tests**

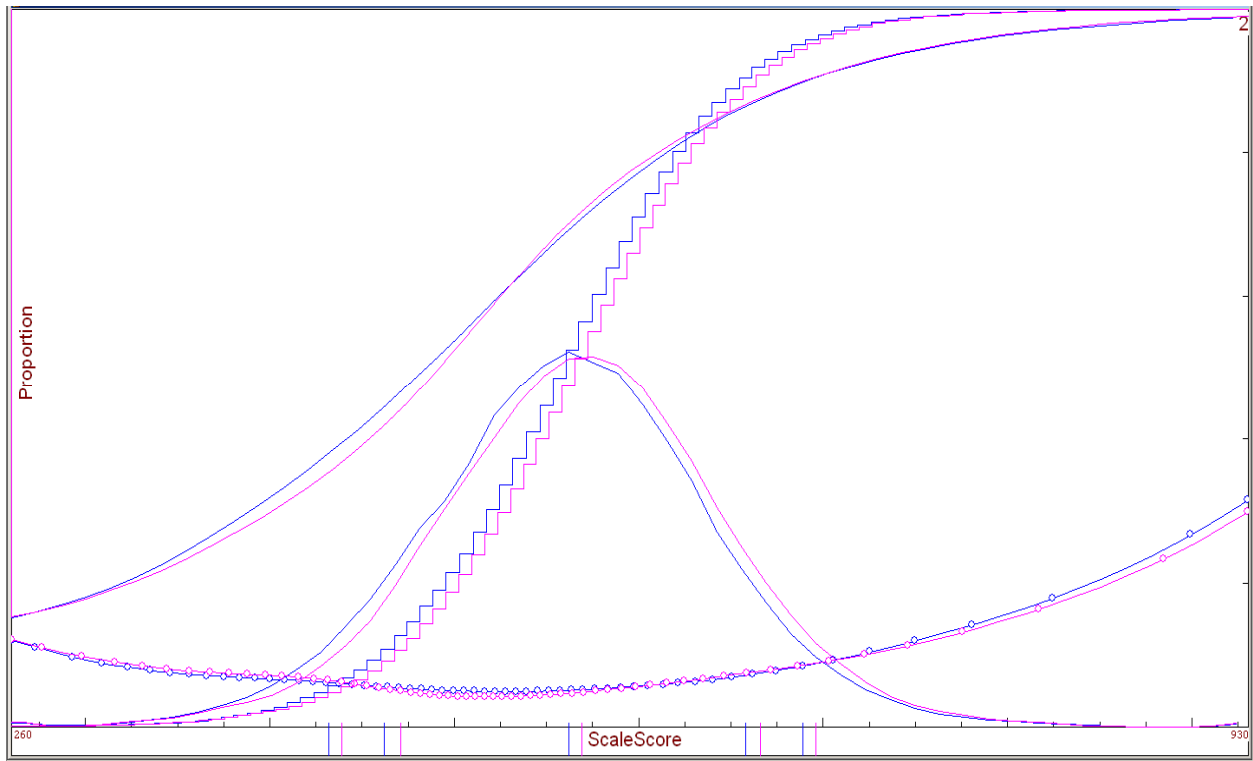
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**Figure 15. CSAP Grade 7 Writing Operational Tests**

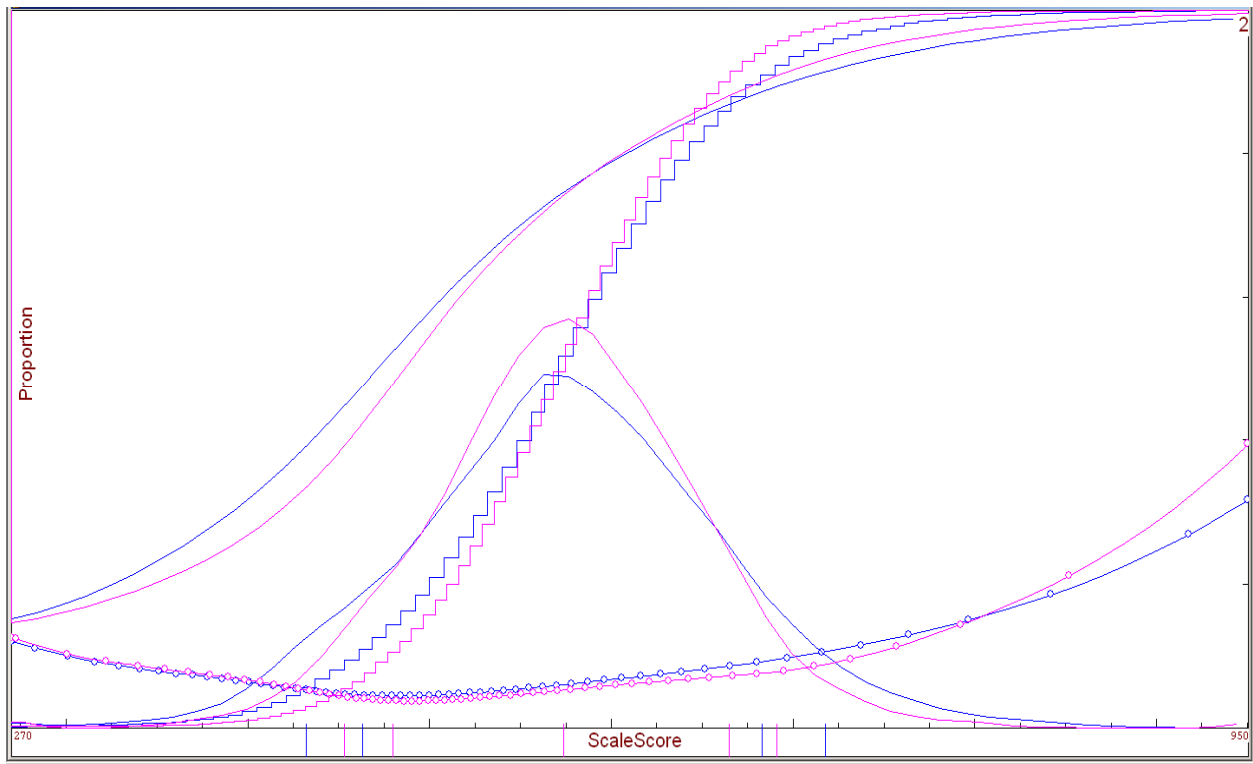
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**Figure 16. CSAP Grade 8 Writing Operational Tests**

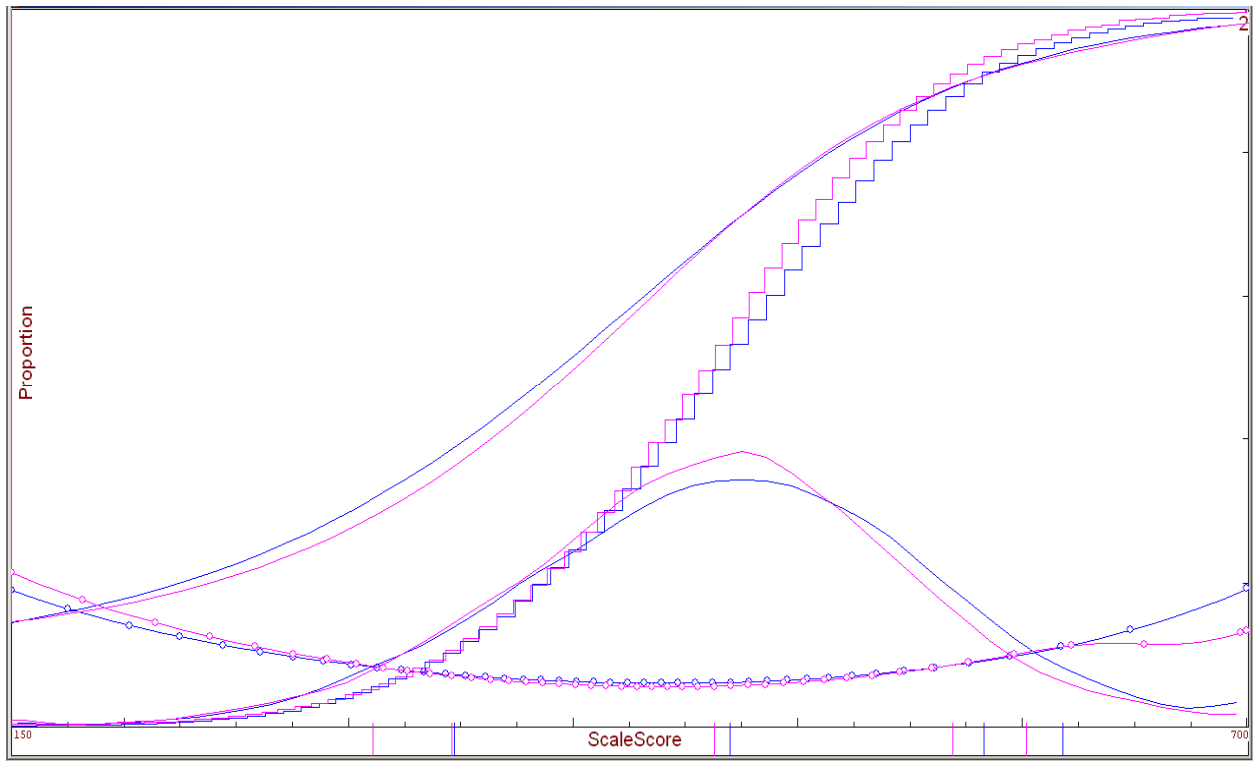
Blue = 2010, Pink = 2011

**Figure 17. CSAP Grade 9 Writing Operational Tests**

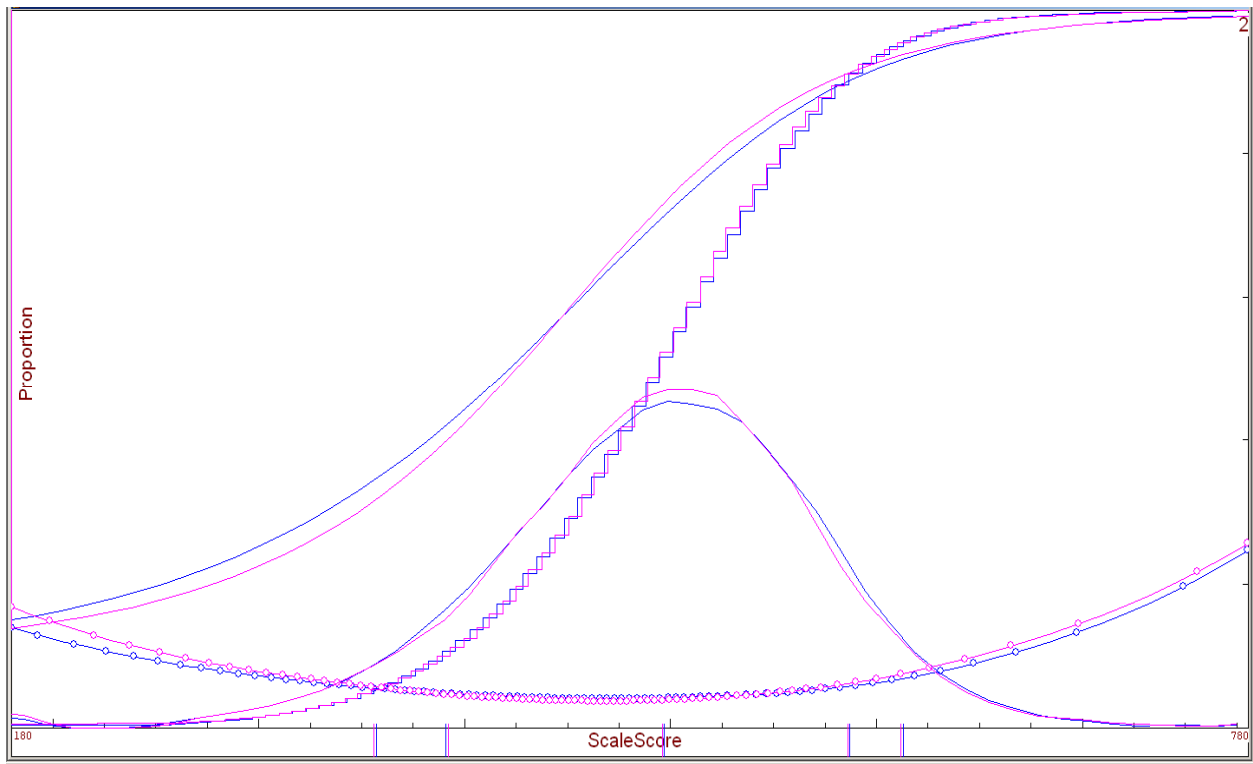
Blue = 2010, Pink = 2011

**Figure 18. CSAP Grade 10 Writing Operational Tests**

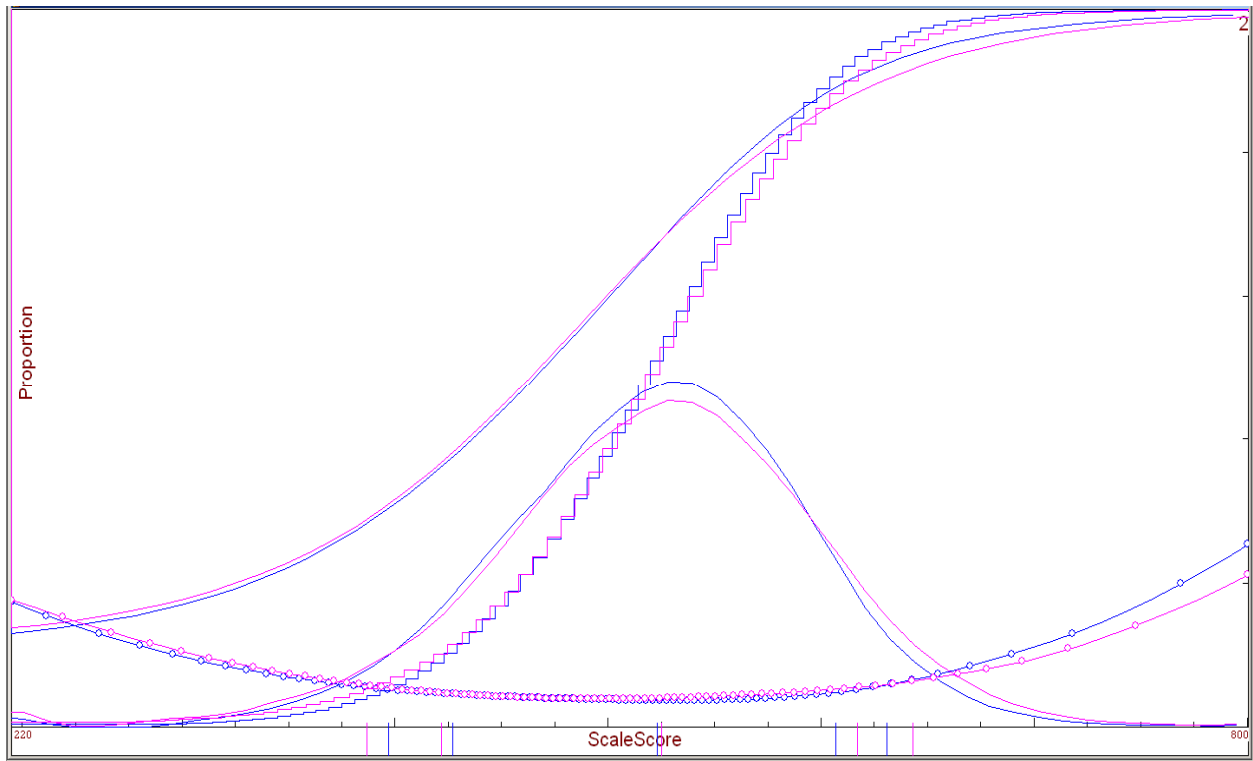
Blue = 2010, Pink = 2011

**Figure 19. CSAP Grade 3 Mathematics Operational Tests**

Blue = 2010, Pink = 2011

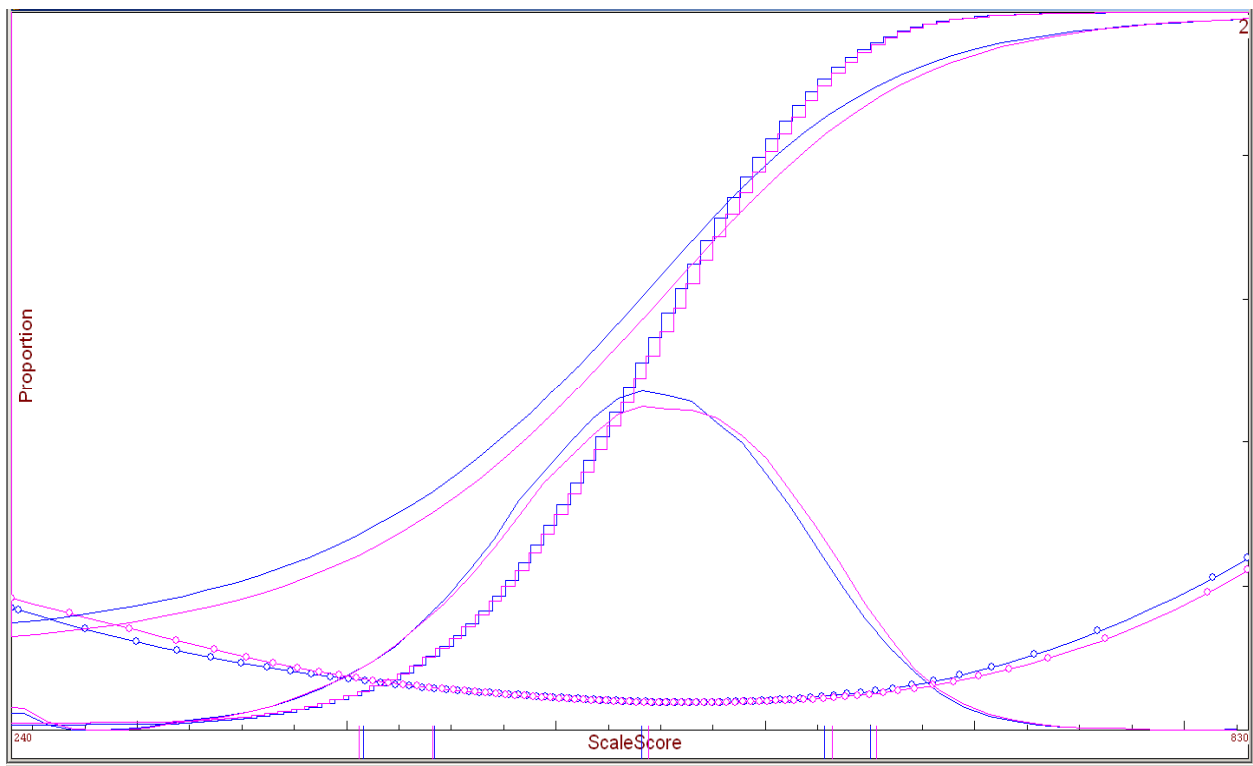
**Figure 20. CSAP Grade 4 Mathematics Operational Tests**

Blue = 2010, Pink = 2011

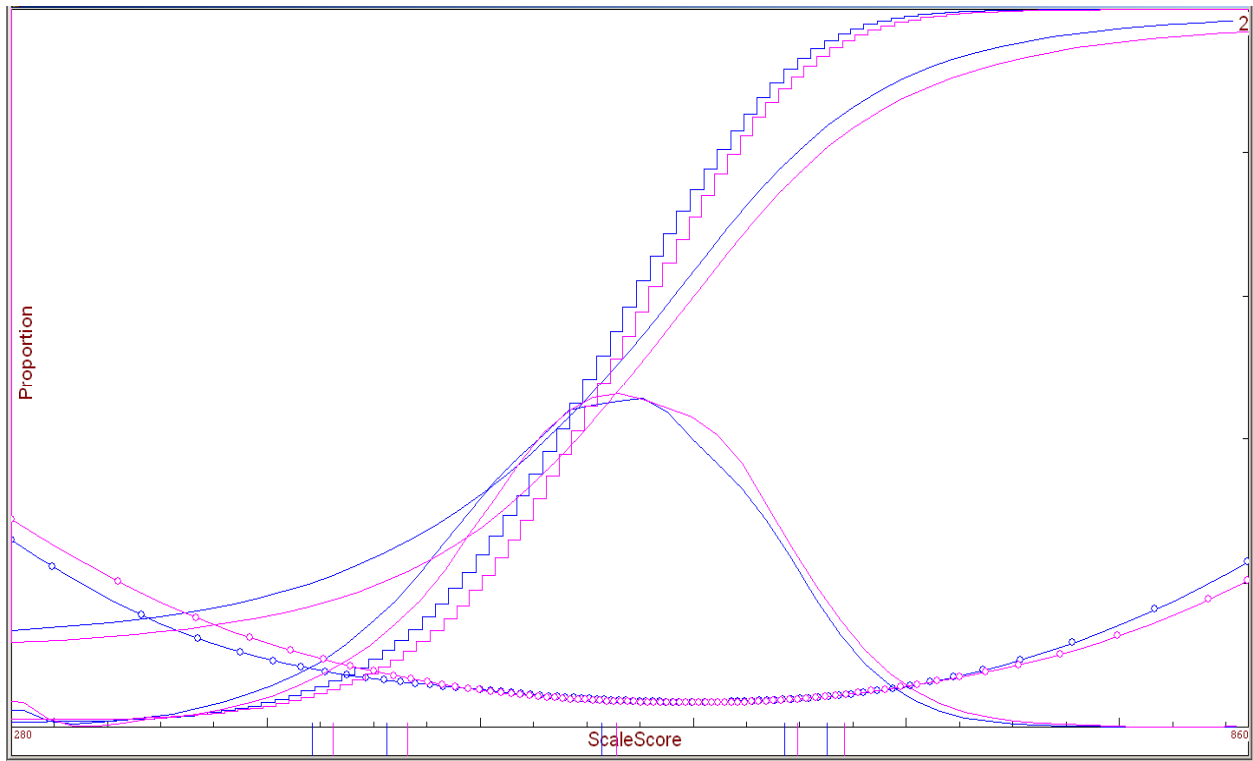
**Figure 21. CSAP Grade 5 Mathematics Operational Tests**

Blue = 2010, Pink = 2011

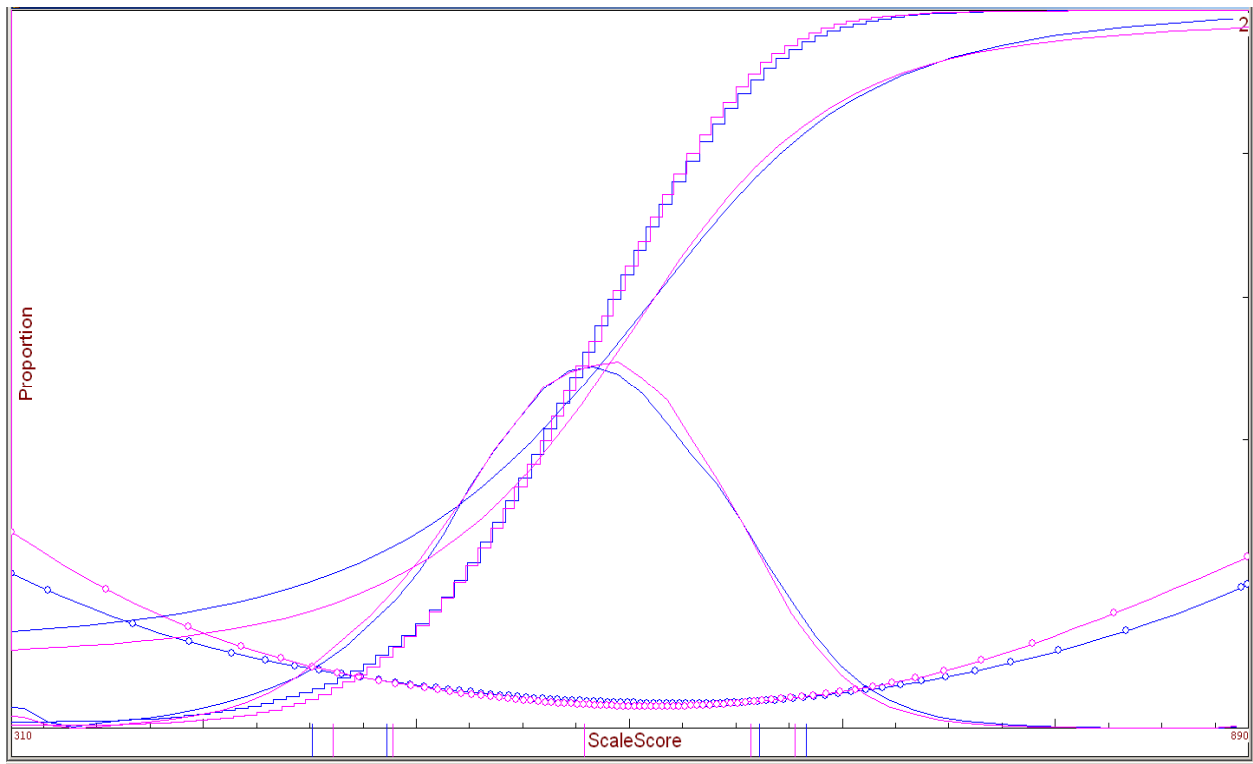


**Figure 22. CSAP Grade 6 Mathematics Operational Tests**

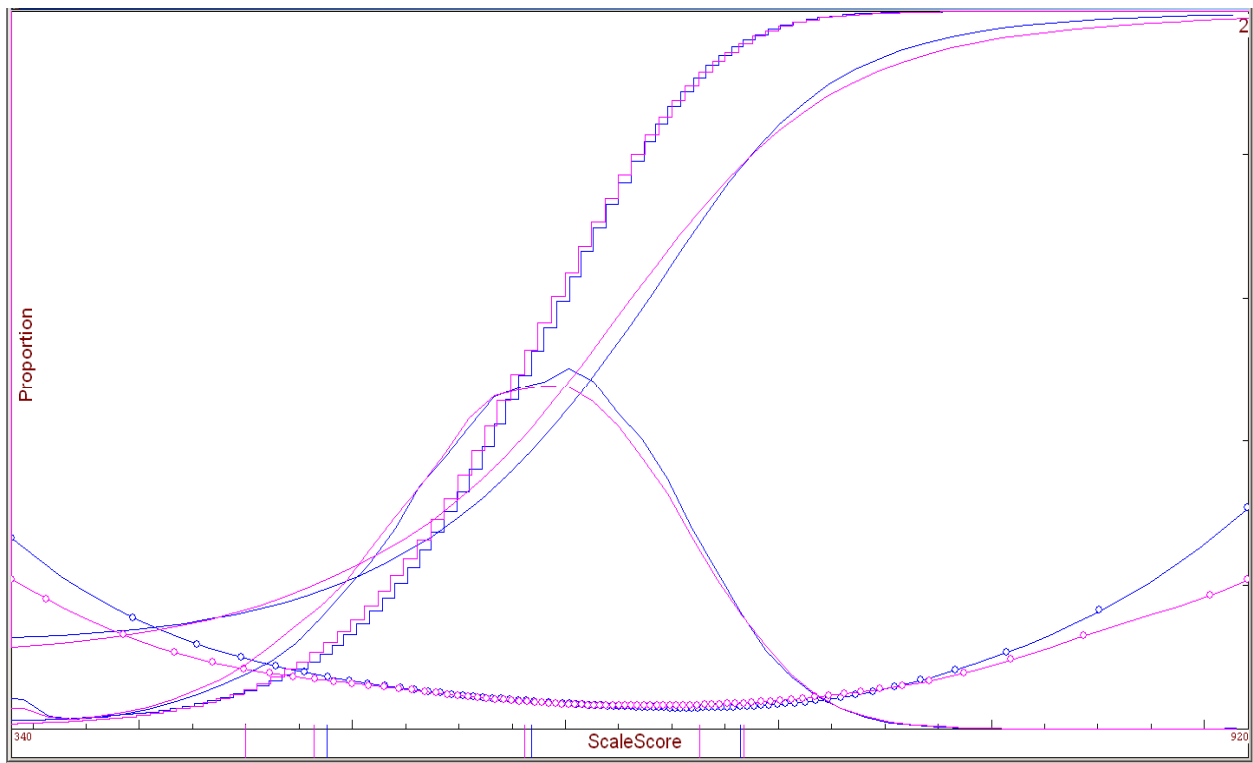
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**Figure 23. CSAP Grade 7 Mathematics Operational Tests**

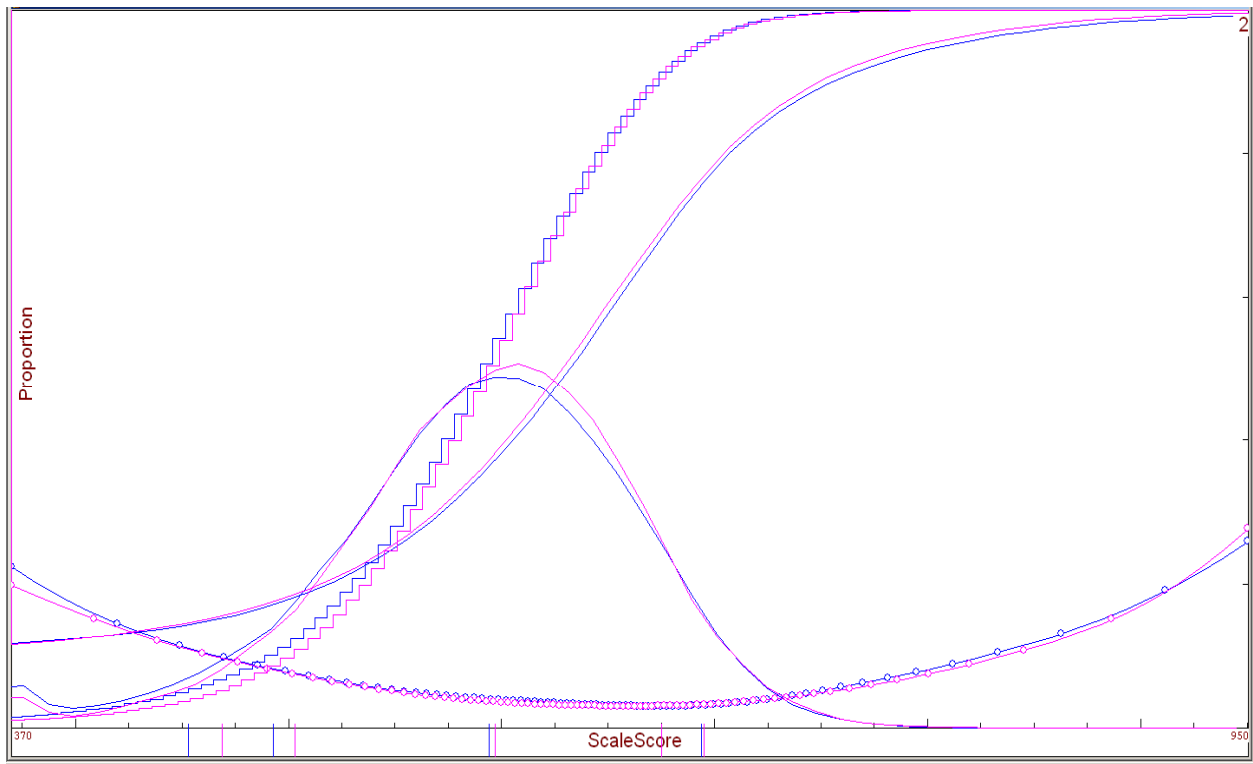
Blue = 2010, Pink = 2011

**Figure 24. CSAP Grade 8 Mathematics Operational Tests**

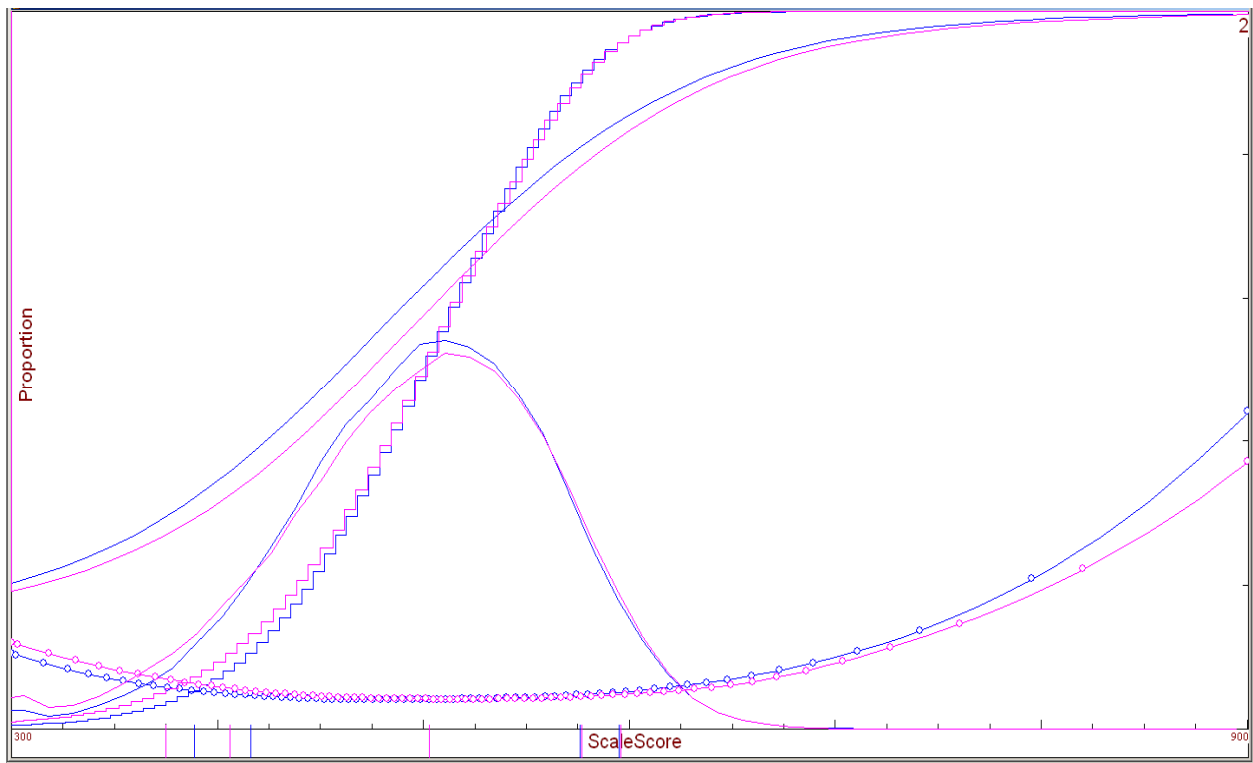
Blue = 2010, Pink = 2011

**Figure 25. CSAP Grade 9 Mathematics Operational Tests**

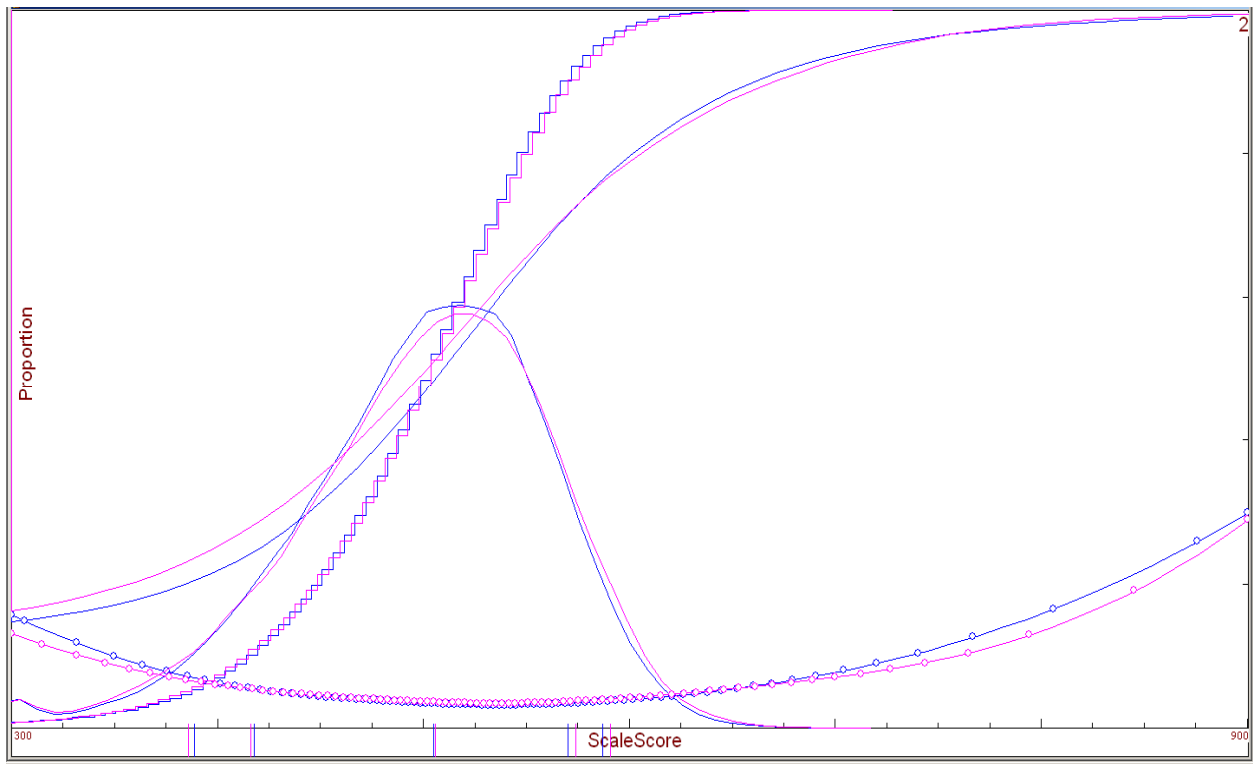
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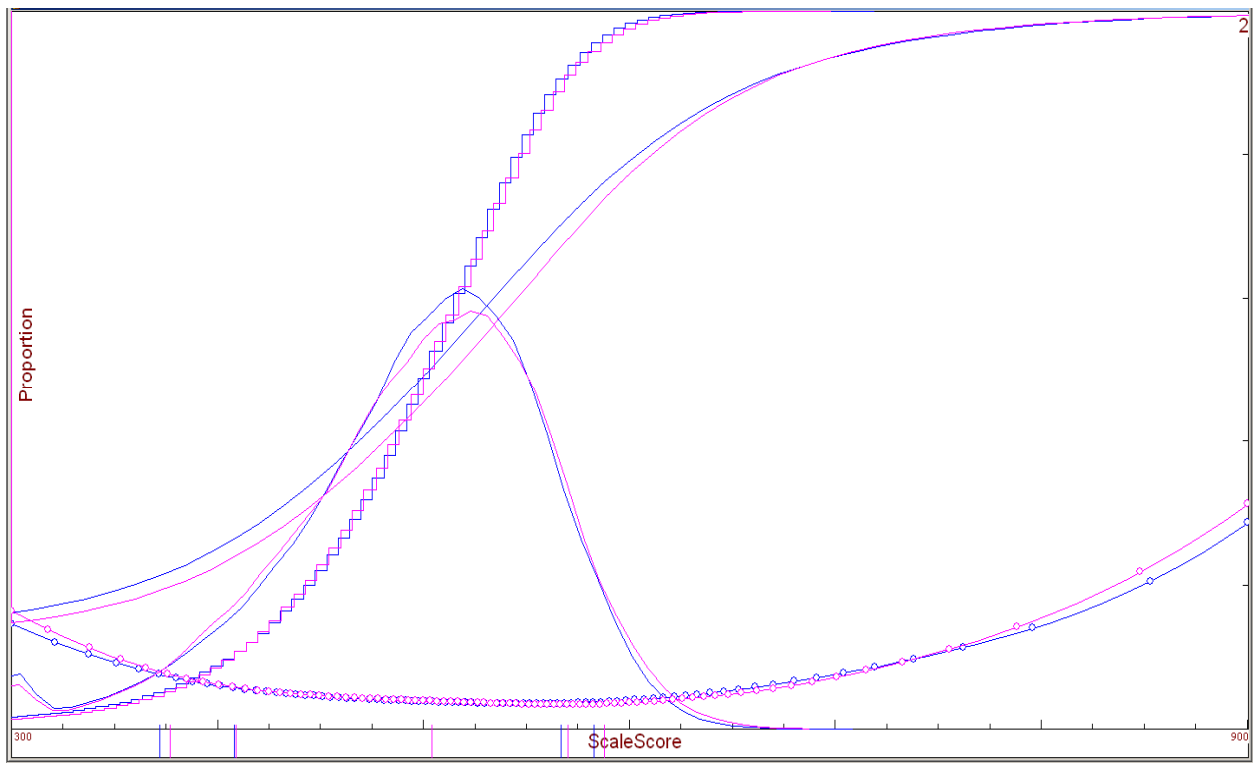
**Figure 26. CSAP Grade 10 Mathematics Operational Tests**

Blue = 2010, Pink = 2011

**Figure 27. CSAP Grade 5 Science Operational Tests**

Blue = 2010, Pink = 2011

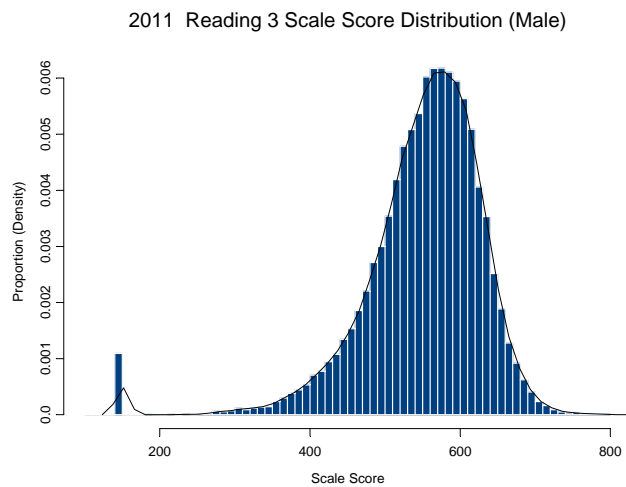
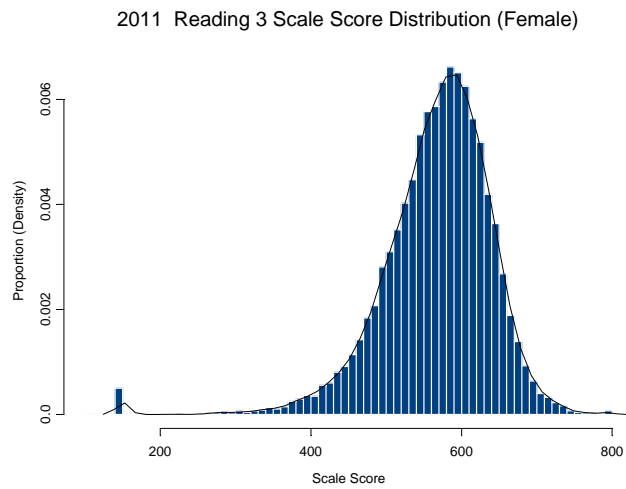
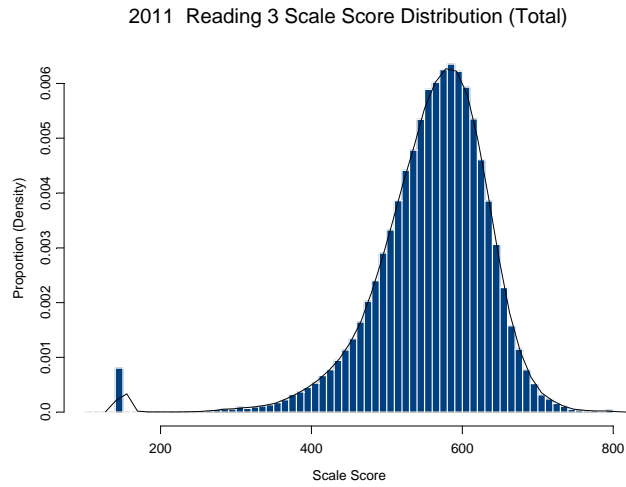
**Figure 28. CSAP Grade 8 Science Operational Tests**

**Figure 29. CSAP Grade 10 Science Operational Tests**

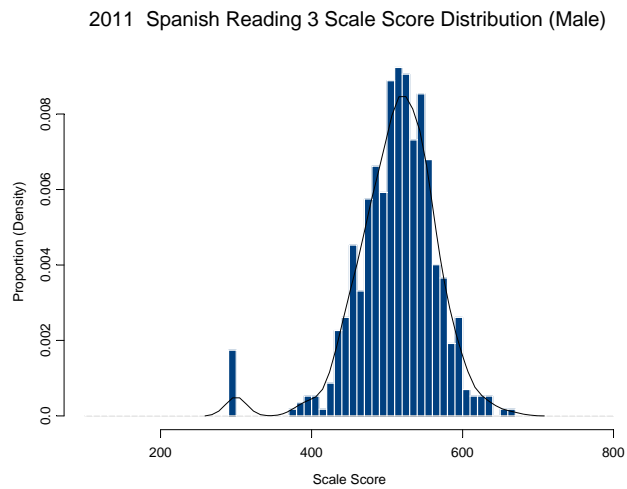
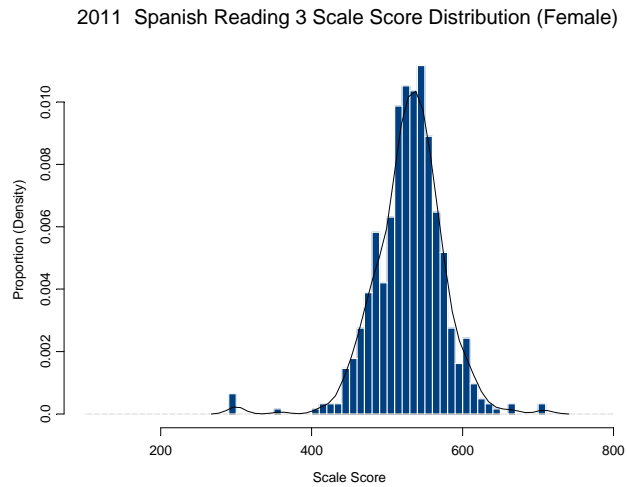
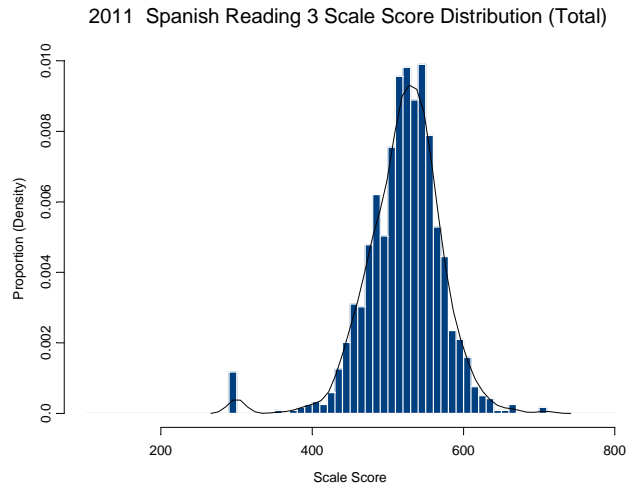
Blue = 2010, Pink = 2011



**Figure 30. Grade 3 Reading Scale Score Distributions for the Total Population, Female, and Male Students**

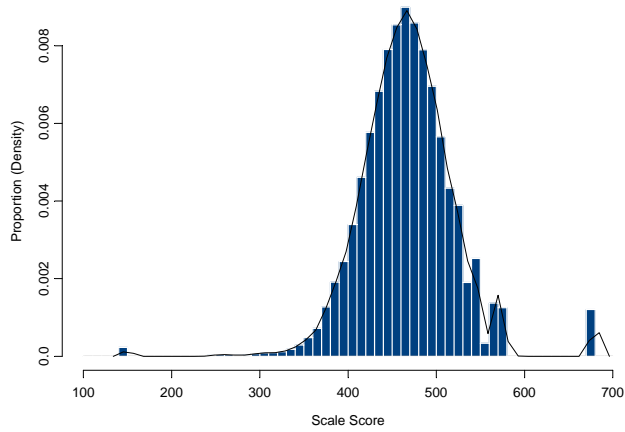


**Figure 31. Grade 3 Reading (Spanish) Scale Score Distributions for the Total Population, Female, and Male Students**

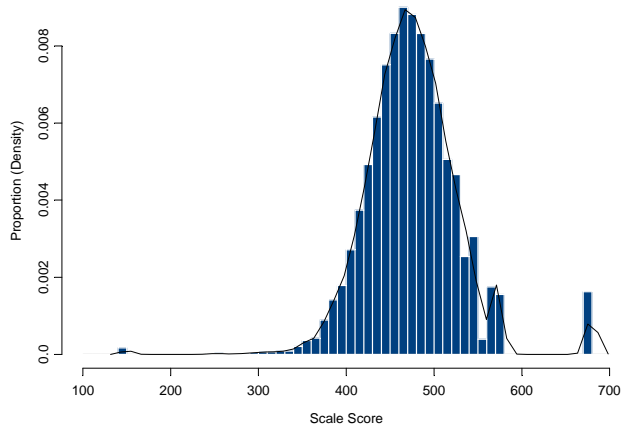


**Figure 32. Grade 3 Writing Scale Score Distributions for the Total Population, Female, and Male Students**

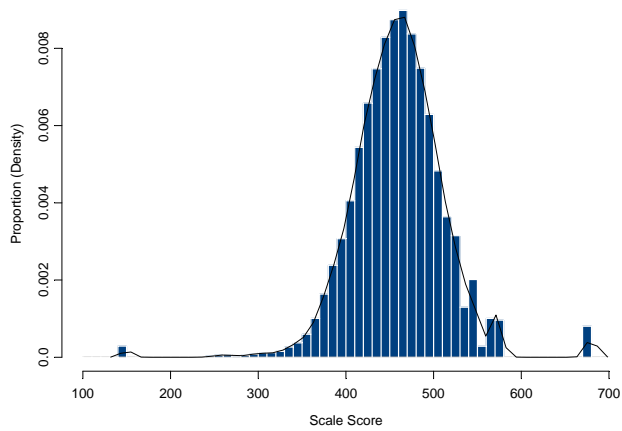
2011 Writing 3 Scale Score Distribution (Total)



2011 Writing 3 Scale Score Distribution (Female)

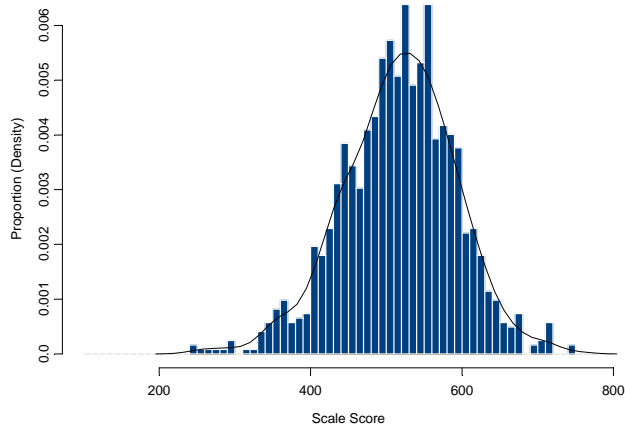


2011 Writing 3 Scale Score Distribution (Male)

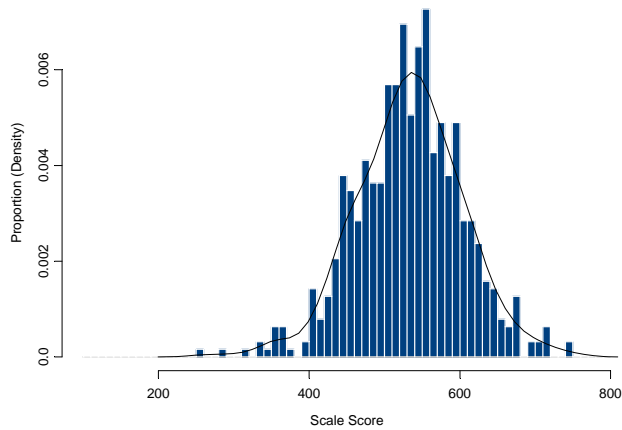


**Figure 33. Grade 3 Writing (Spanish) Scale Score Distributions for the Total Population, Female, and Male Students**

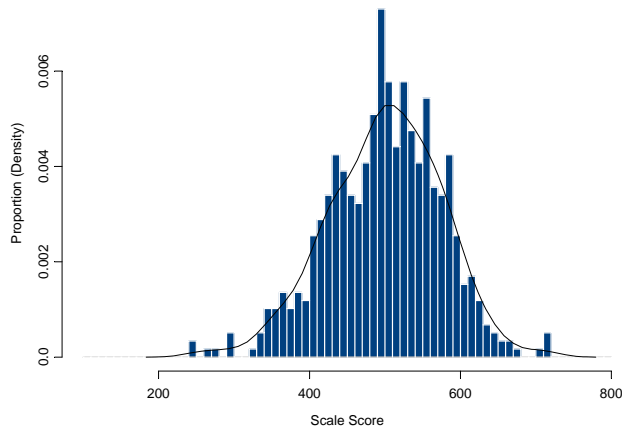
2011 Spanish Writing 3 Scale Score Distribution (Total)



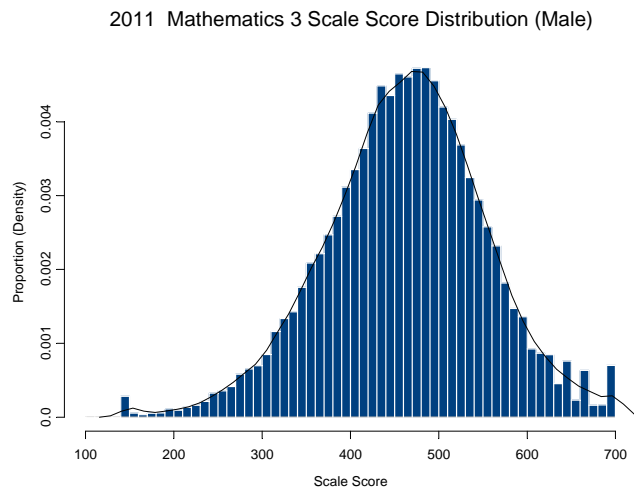
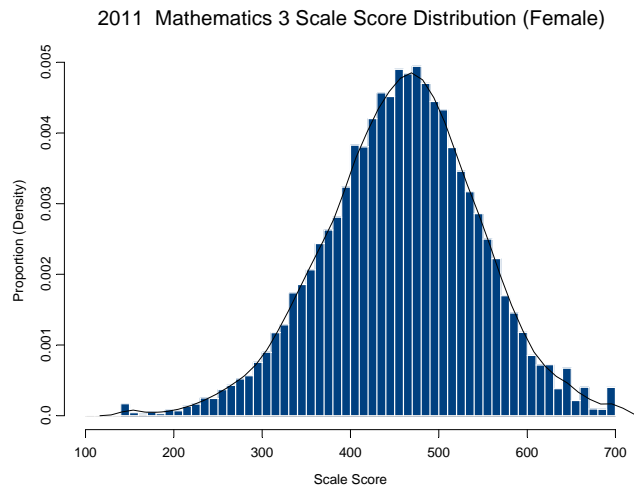
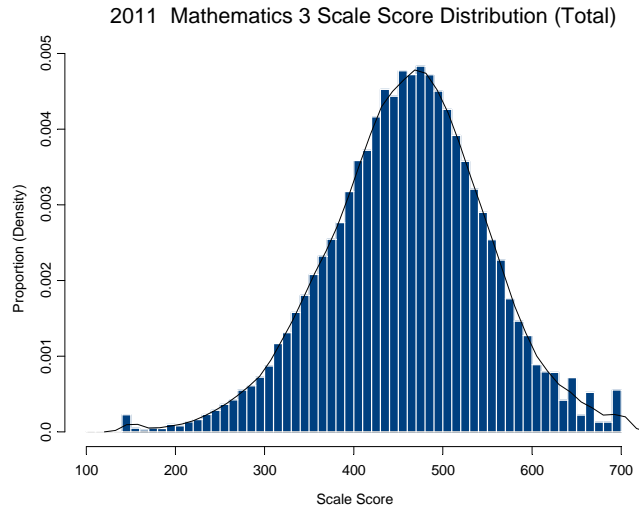
2011 Spanish Writing 3 Scale Score Distribution (Female)



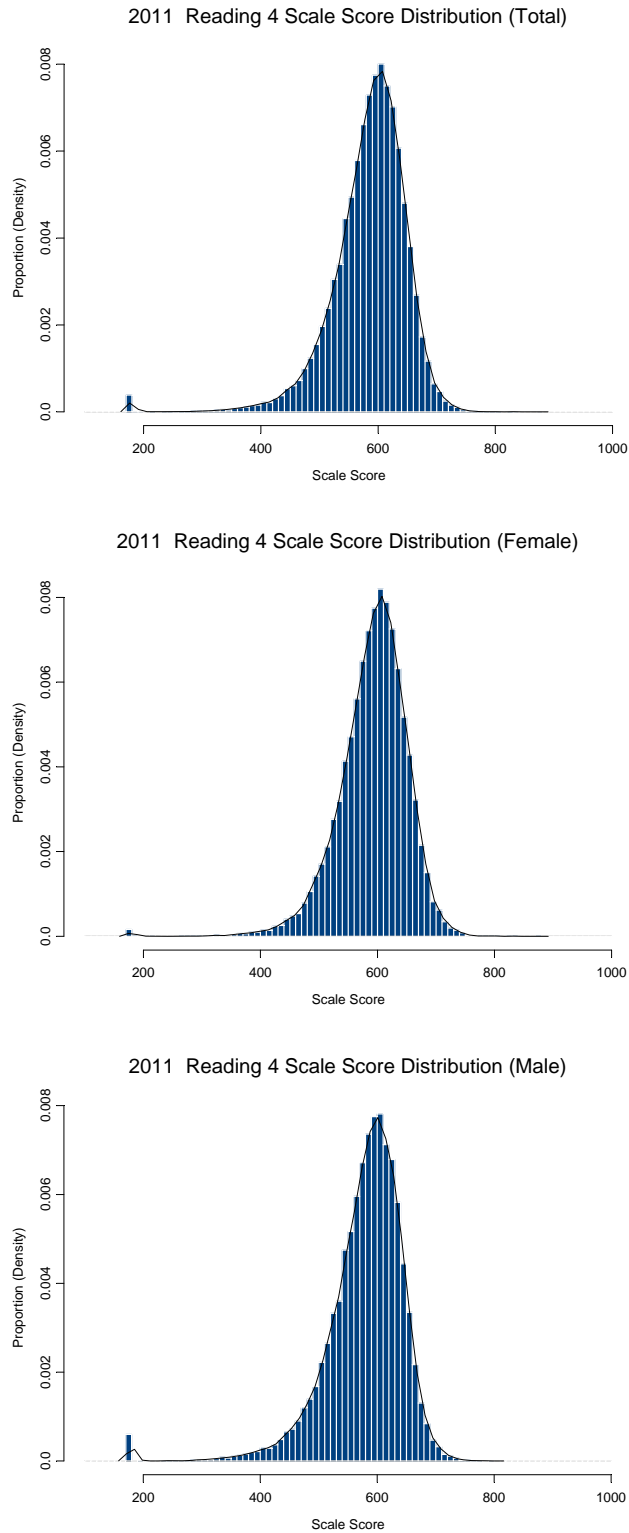
2011 Spanish Writing 3 Scale Score Distribution (Male)



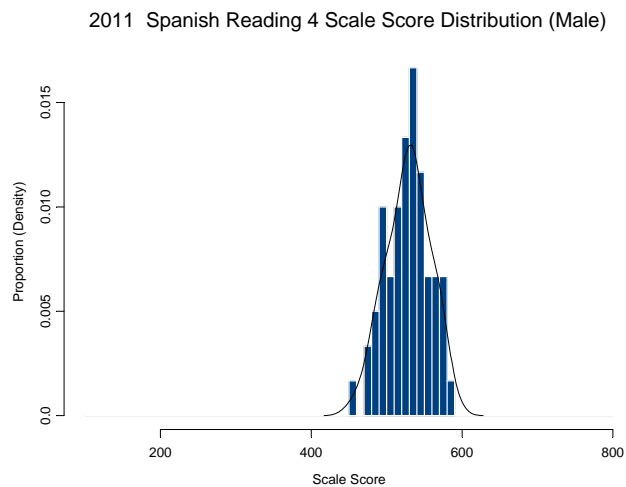
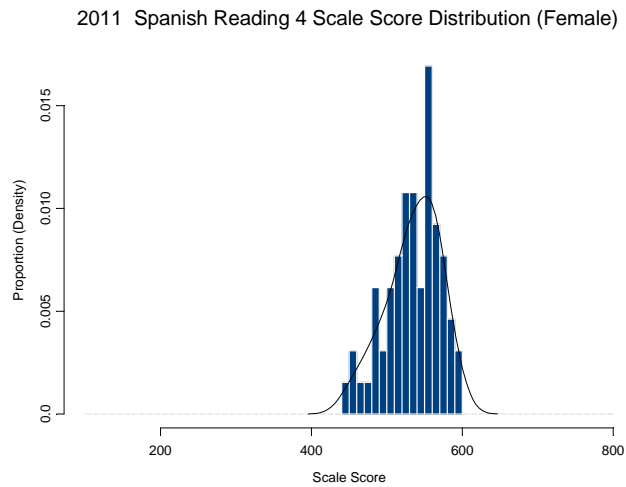
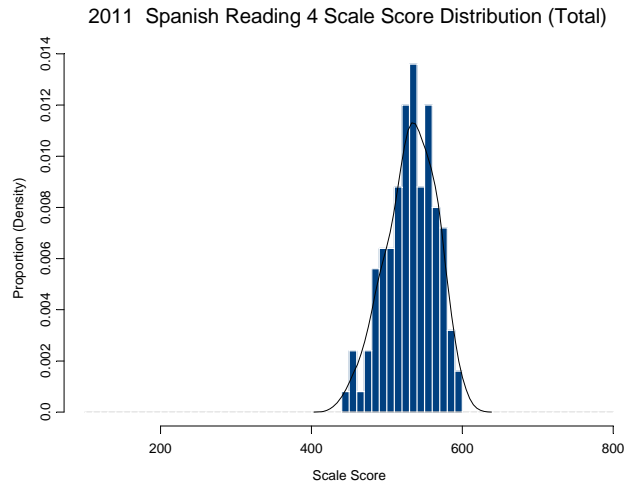
**Figure 34. Grade 3 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students**



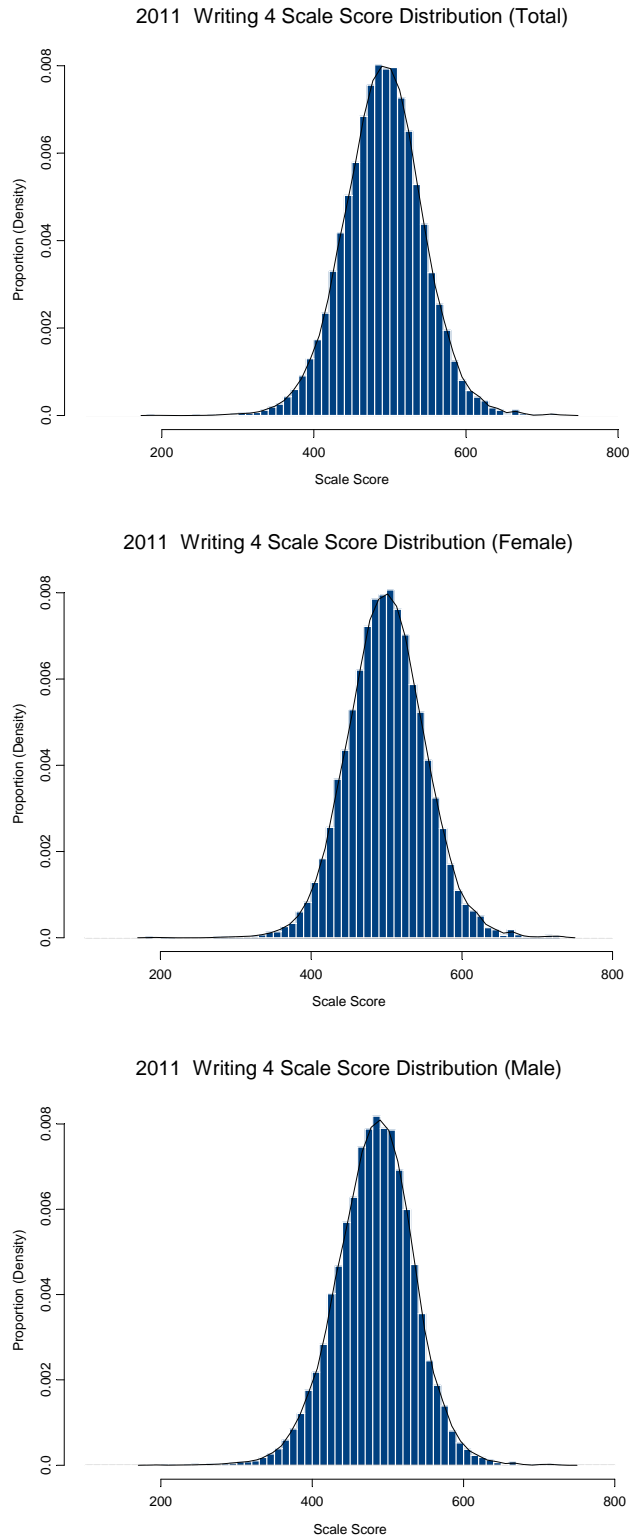
**Figure 35. Grade 4 Reading Scale Score Distributions for the Total Population, Female, and Male Students**



**Figure 36. Grade 4 Reading (Spanish) Scale Score Distributions for the Total Population, Female, and Male Students**

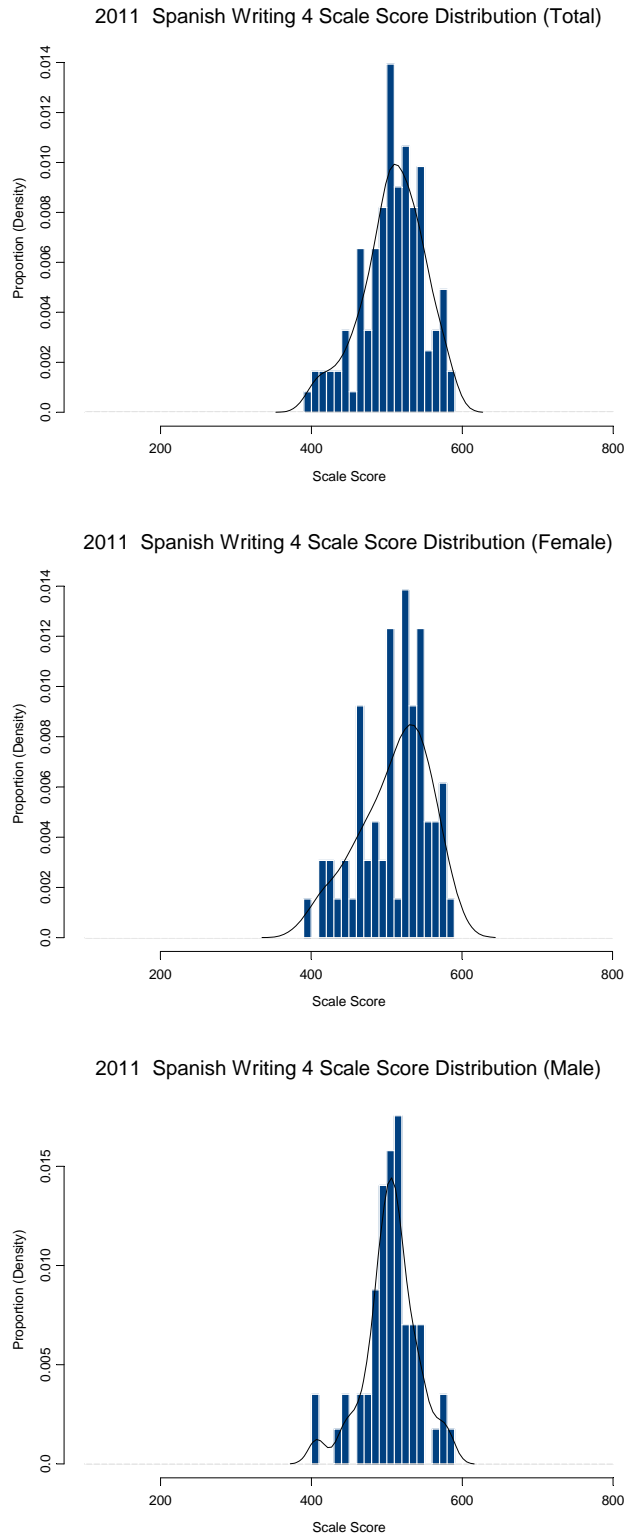


**Figure 37. Grade 4 Writing Scale Score Distributions for the Total Population, Female, and Male Students**

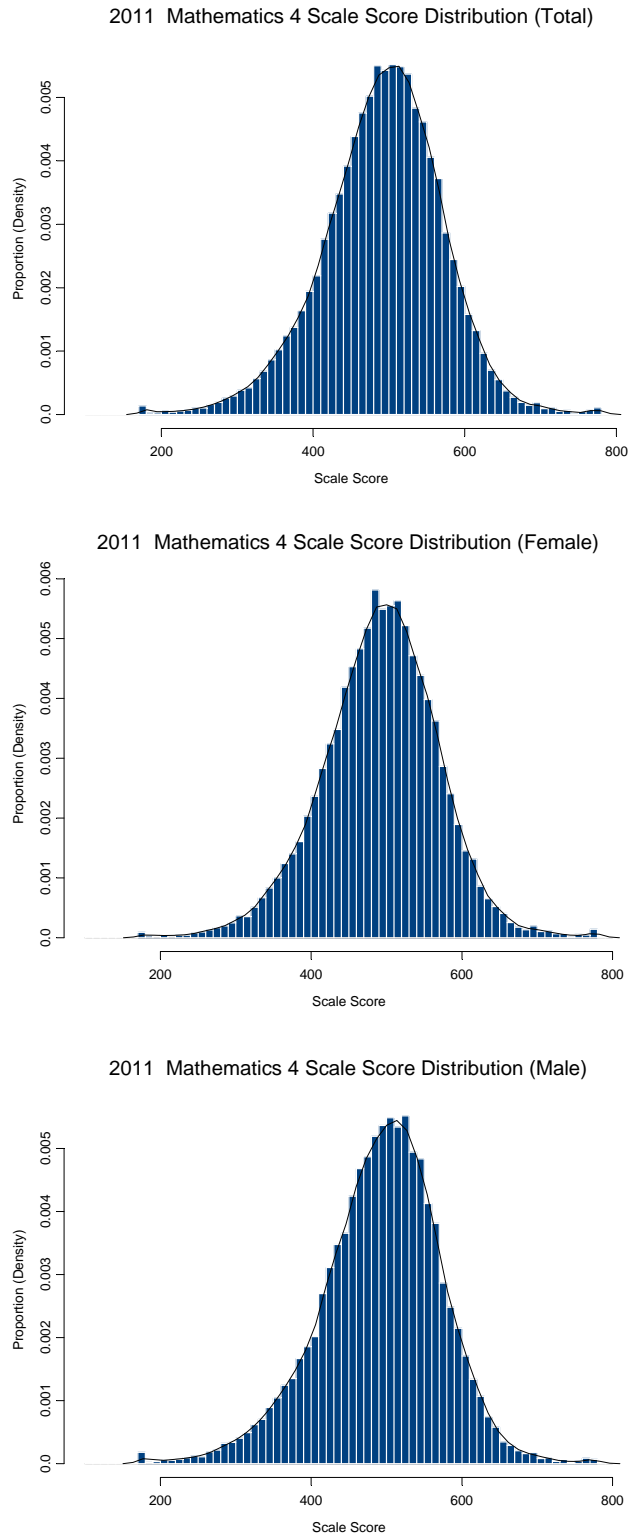




**Figure 38. Grade 4 Writing (Spanish) Scale Score Distributions for the Total Population, Female, and Male Students**

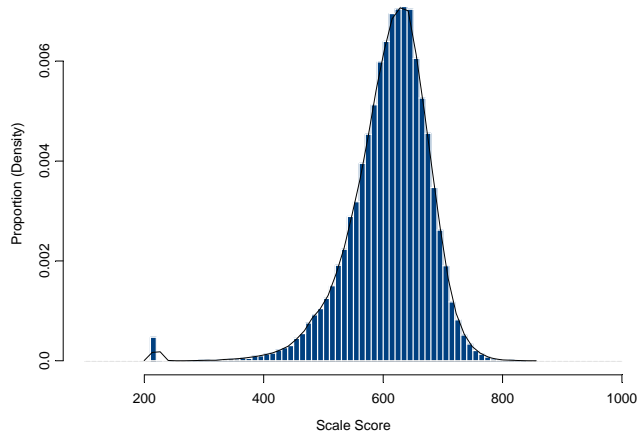


**Figure 39. Grade 4 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students**

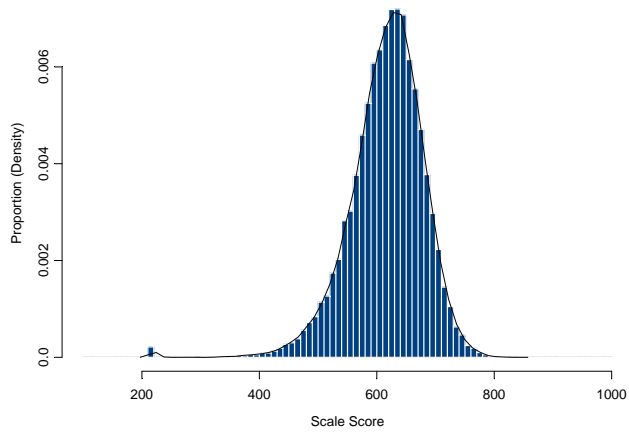


**Figure 40. Grade 5 Reading Scale Score Distributions for the Total Population, Female, and Male Students**

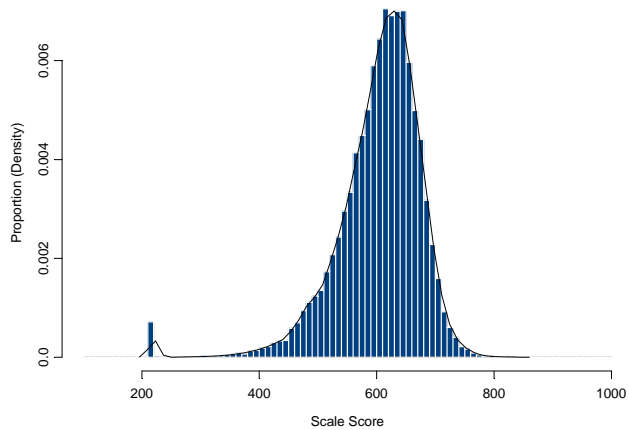
2011 Reading 5 Scale Score Distribution (Total)



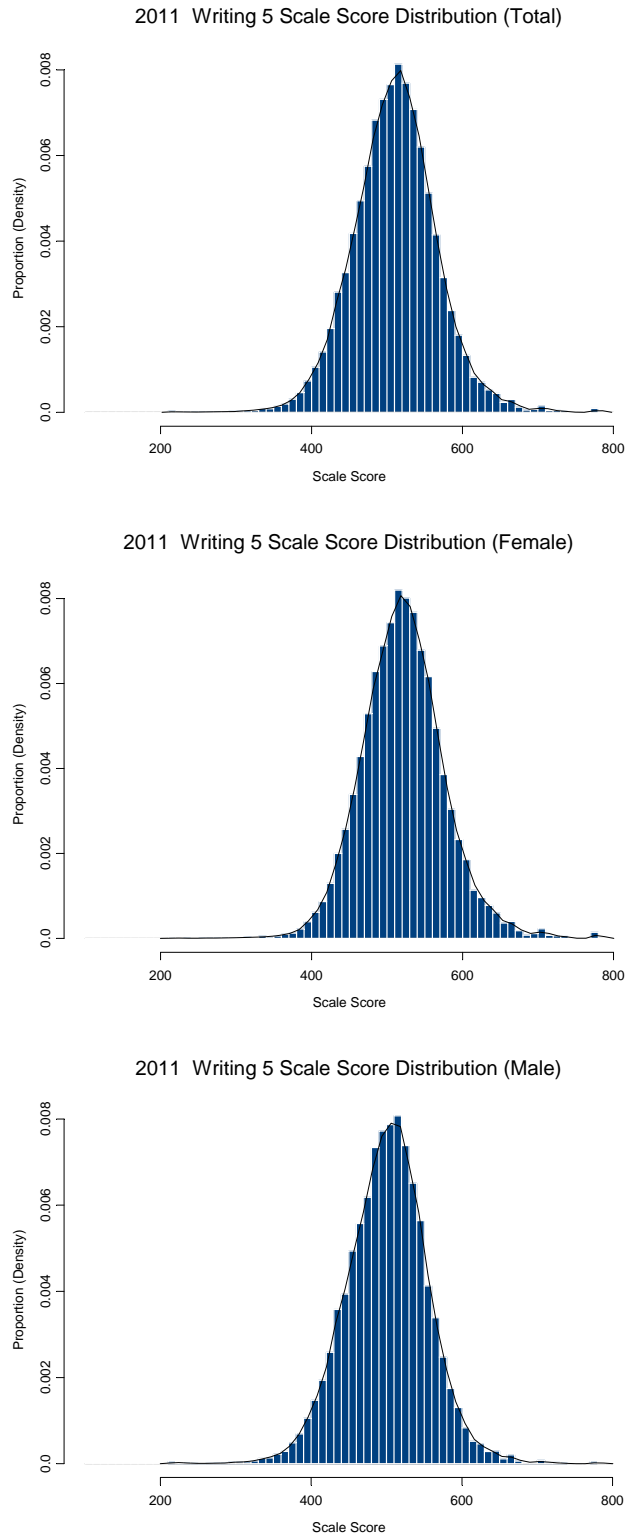
2011 Reading 5 Scale Score Distribution (Female)



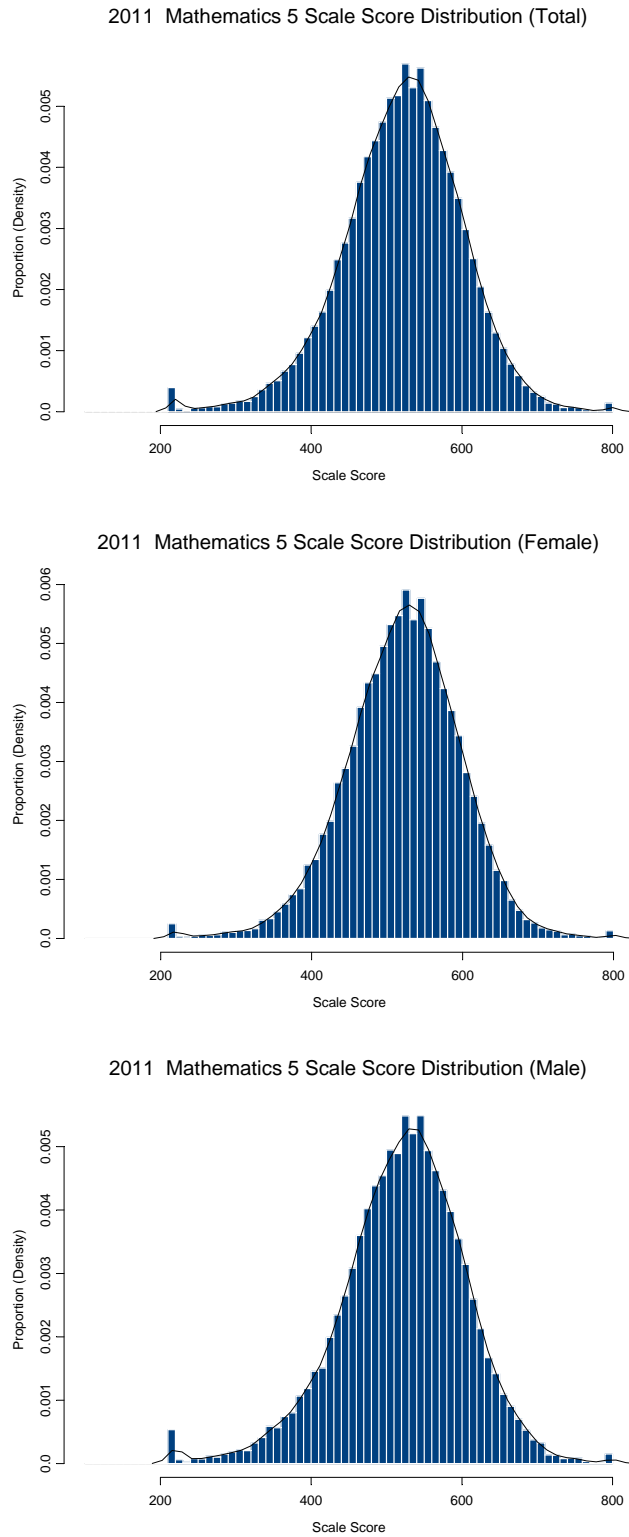
2011 Reading 5 Scale Score Distribution (Male)



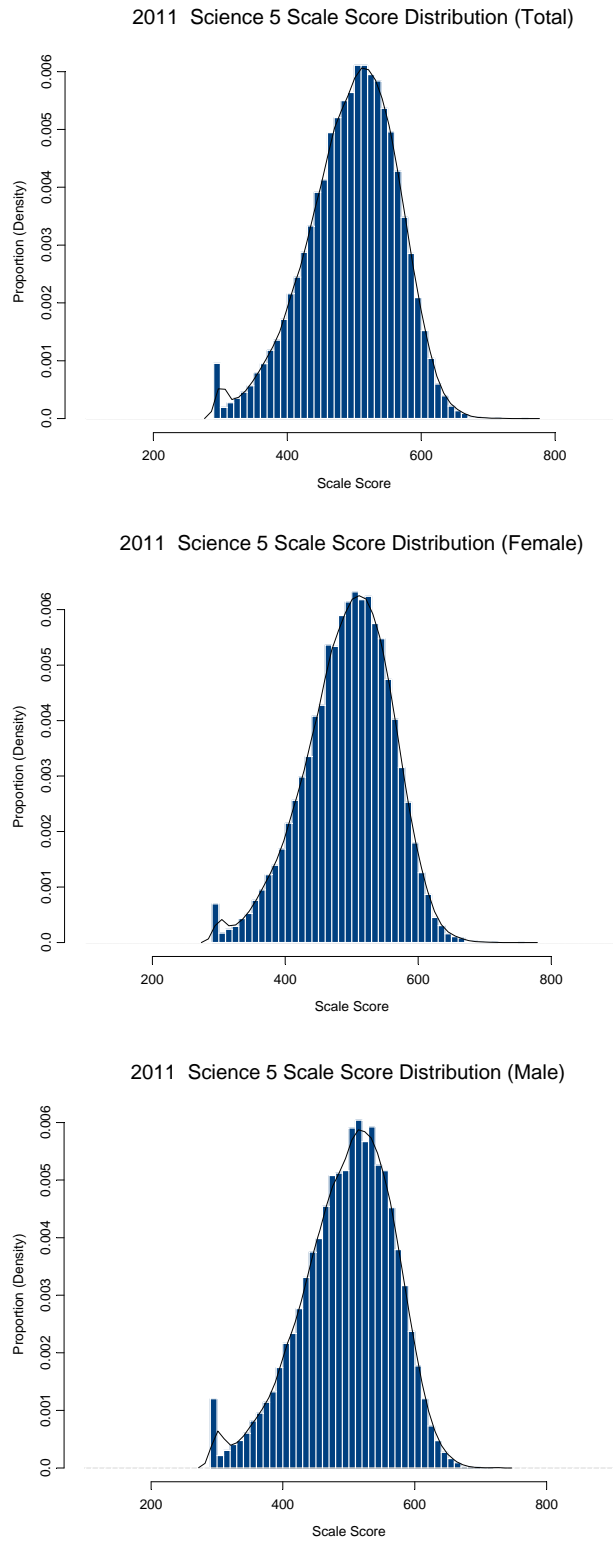
**Figure 41. Grade 5 Writing Scale Score Distributions for the Total Population, Female, and Male Students**



**Figure 42. Grade 5 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students**

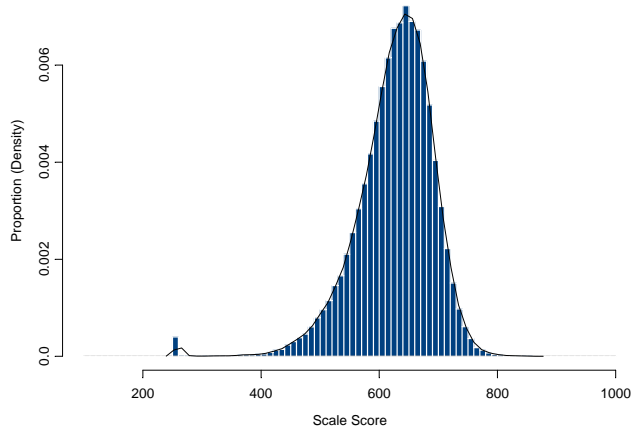


**Figure 43. Grade 5 Science Scale Score Distributions for the Total Population, Female, and Male Students**

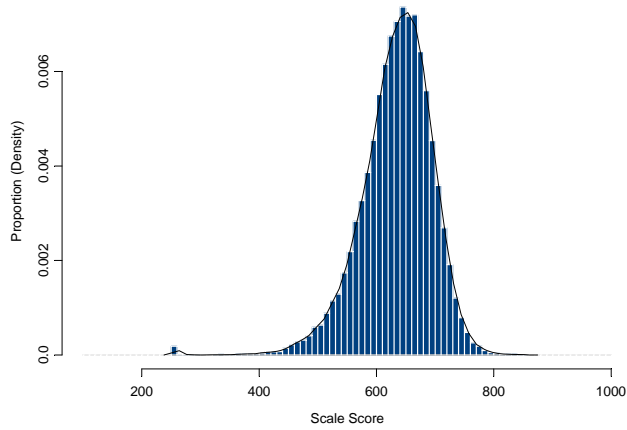


**Figure 44. Grade 6 Reading Scale Score Distributions for the Total Population, Female, and Male Students**

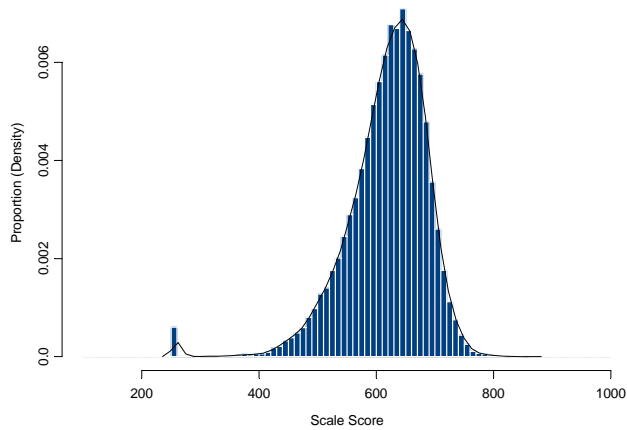
2011 Reading 6 Scale Score Distribution (Total)



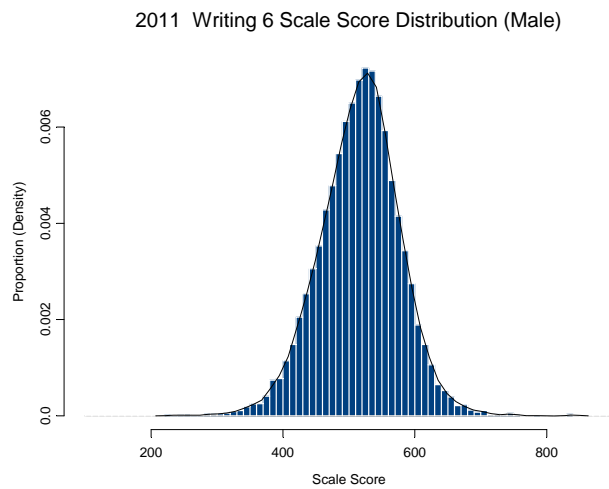
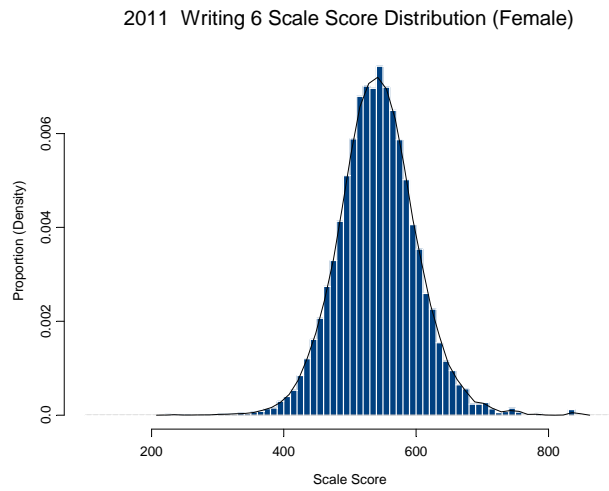
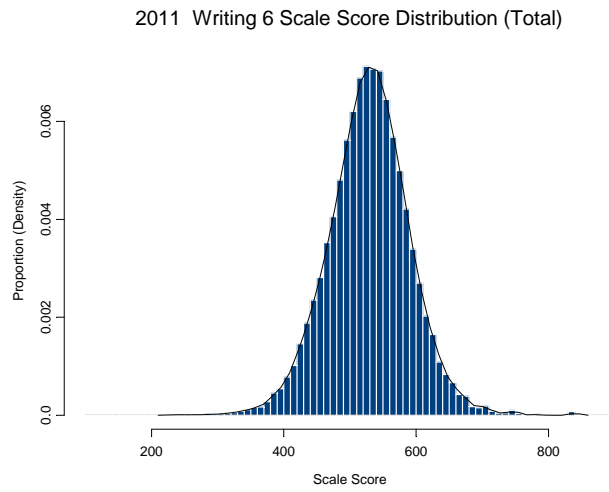
2011 Reading 6 Scale Score Distribution (Female)



2011 Reading 6 Scale Score Distribution (Male)

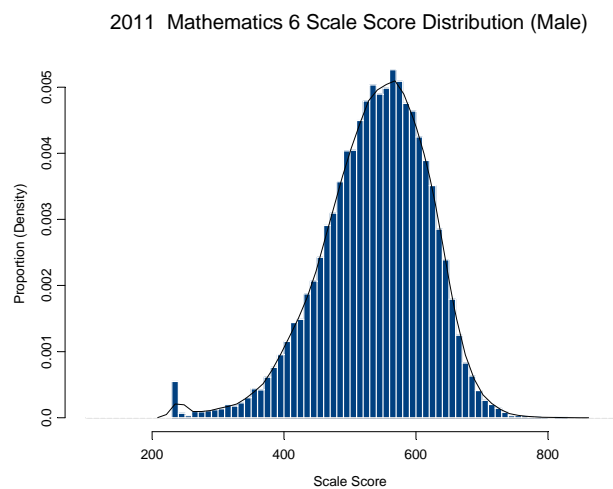
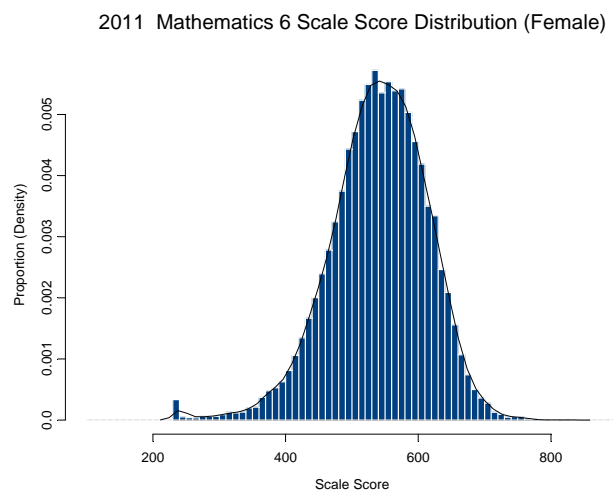
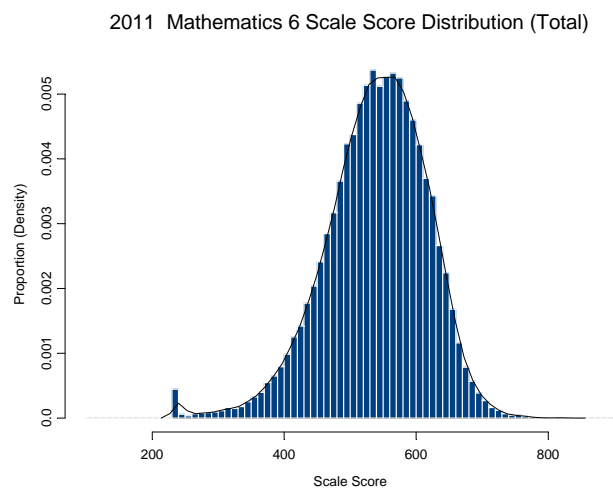


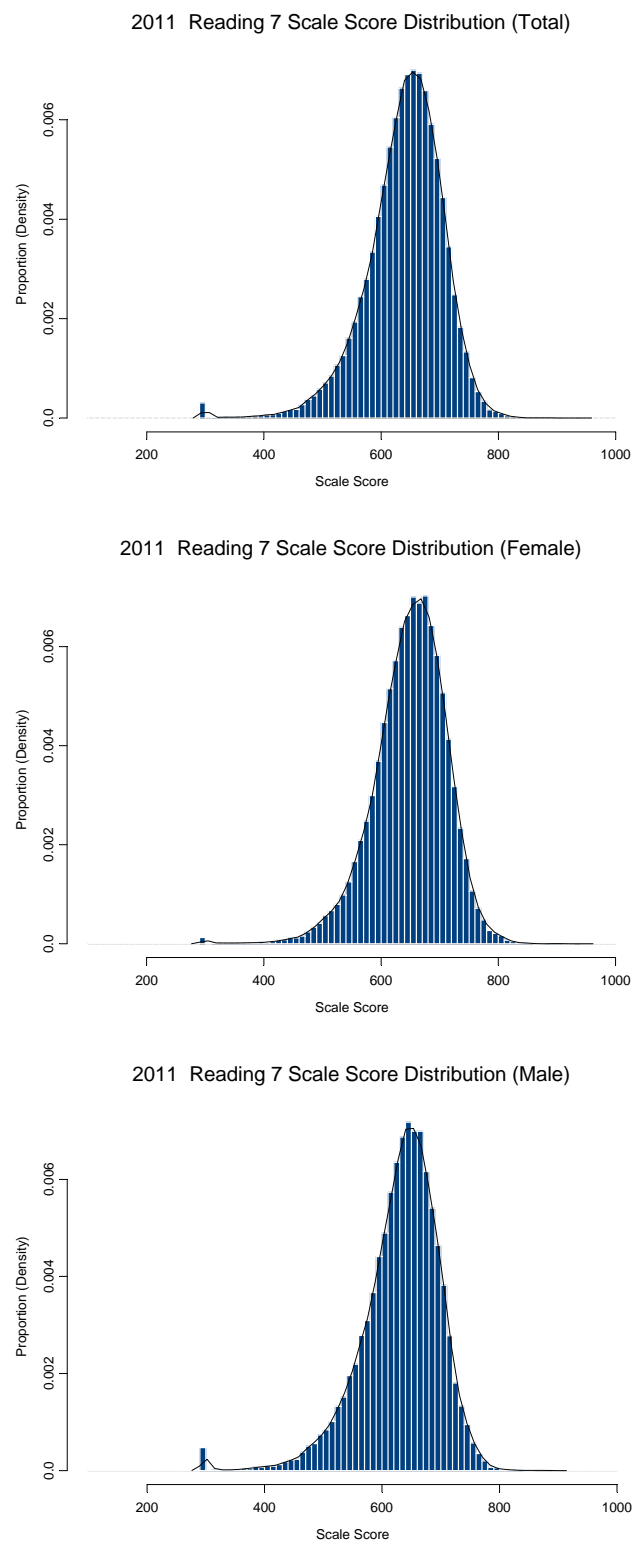
**Figure 45. Grade 6 Writing Scale Score Distributions for the Total Population, Female, and Male Students**



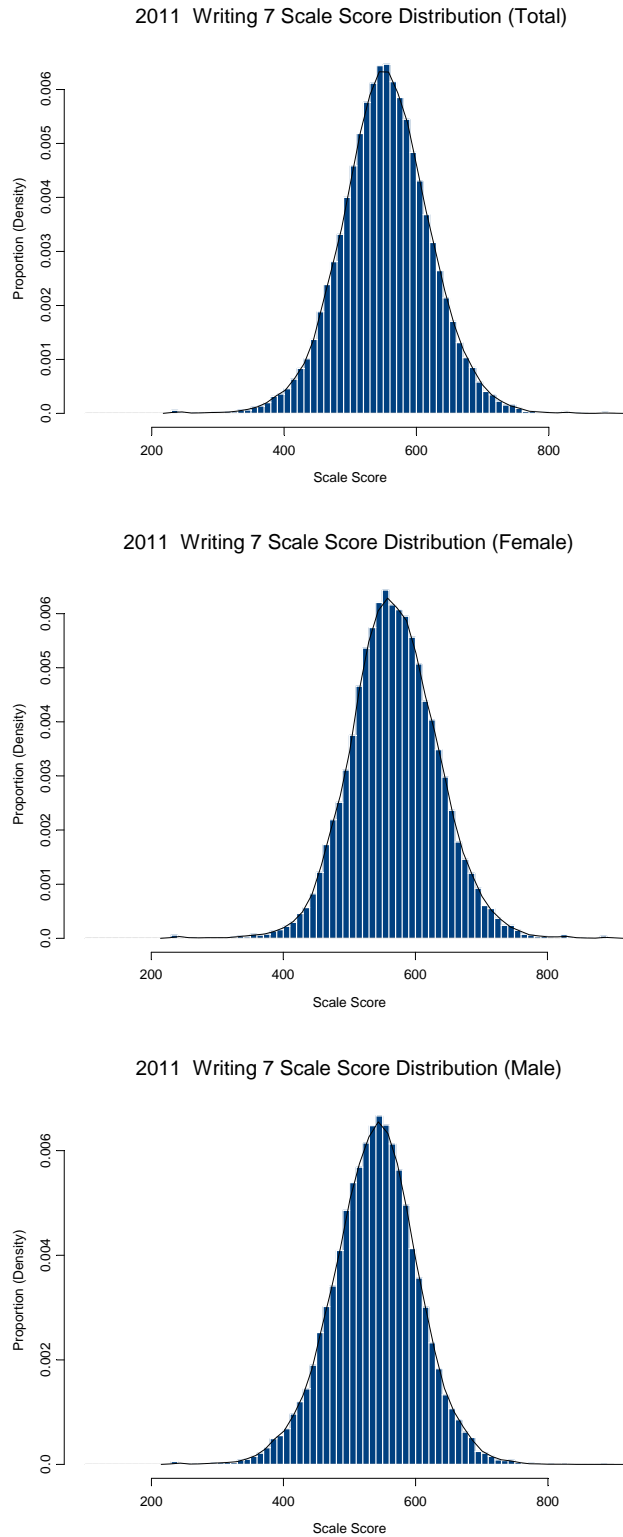


**Figure 46. Grade 6 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students**

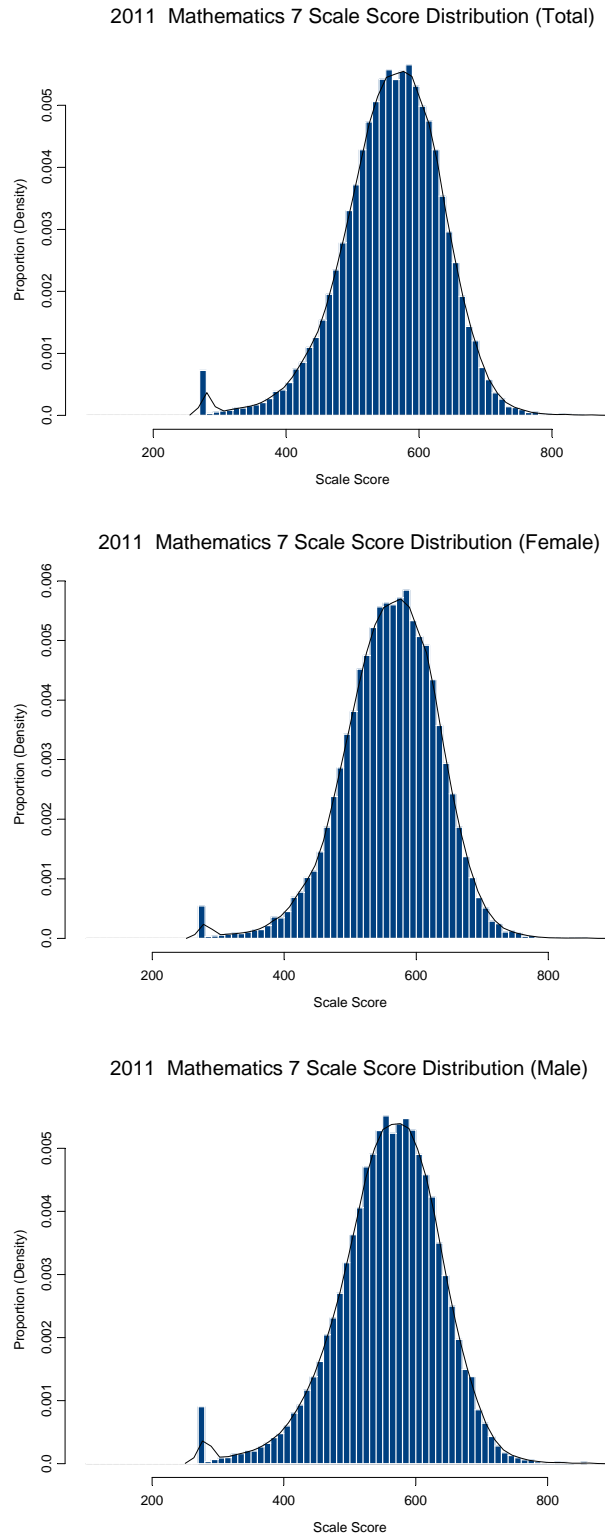


**Figure 47. Grade 7 Reading Scale Score Distributions for the Total Population, Female, and Male Students**

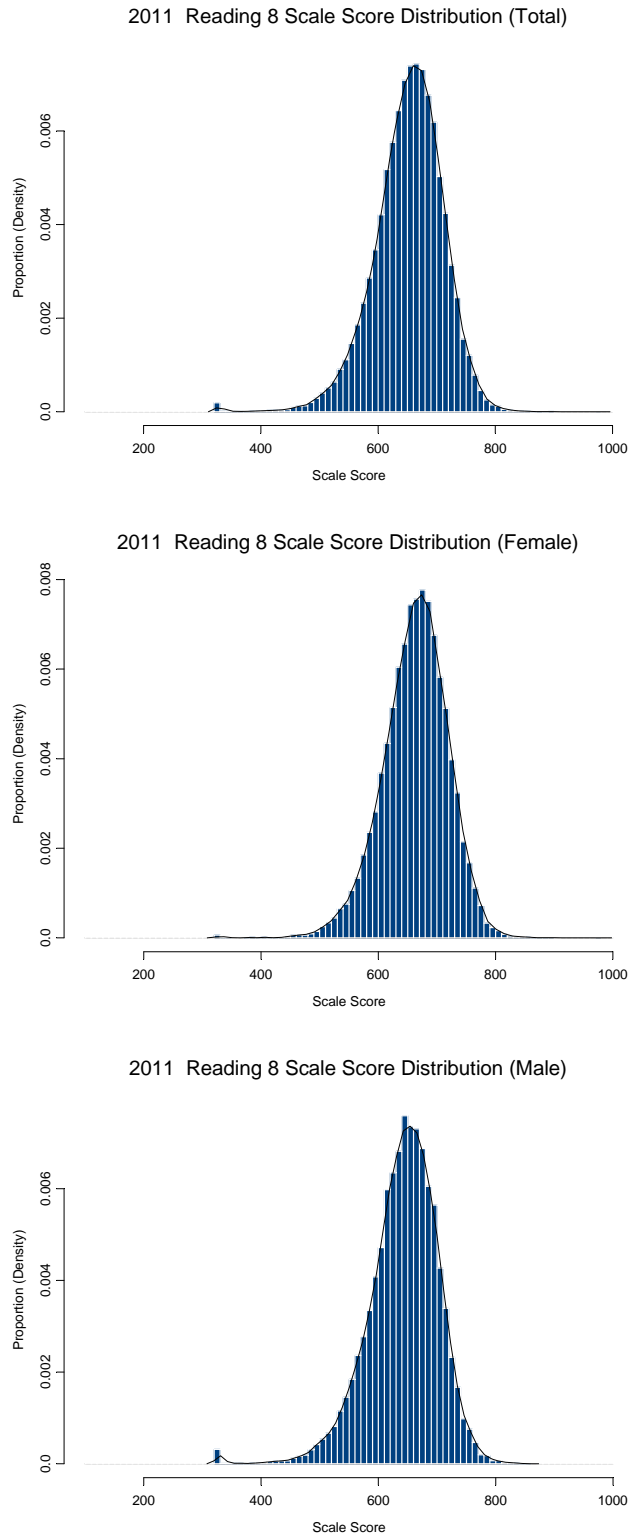
**Figure 48. Grade 7 Writing Scale Score Distributions for the Total Population, Female, and Male Students**

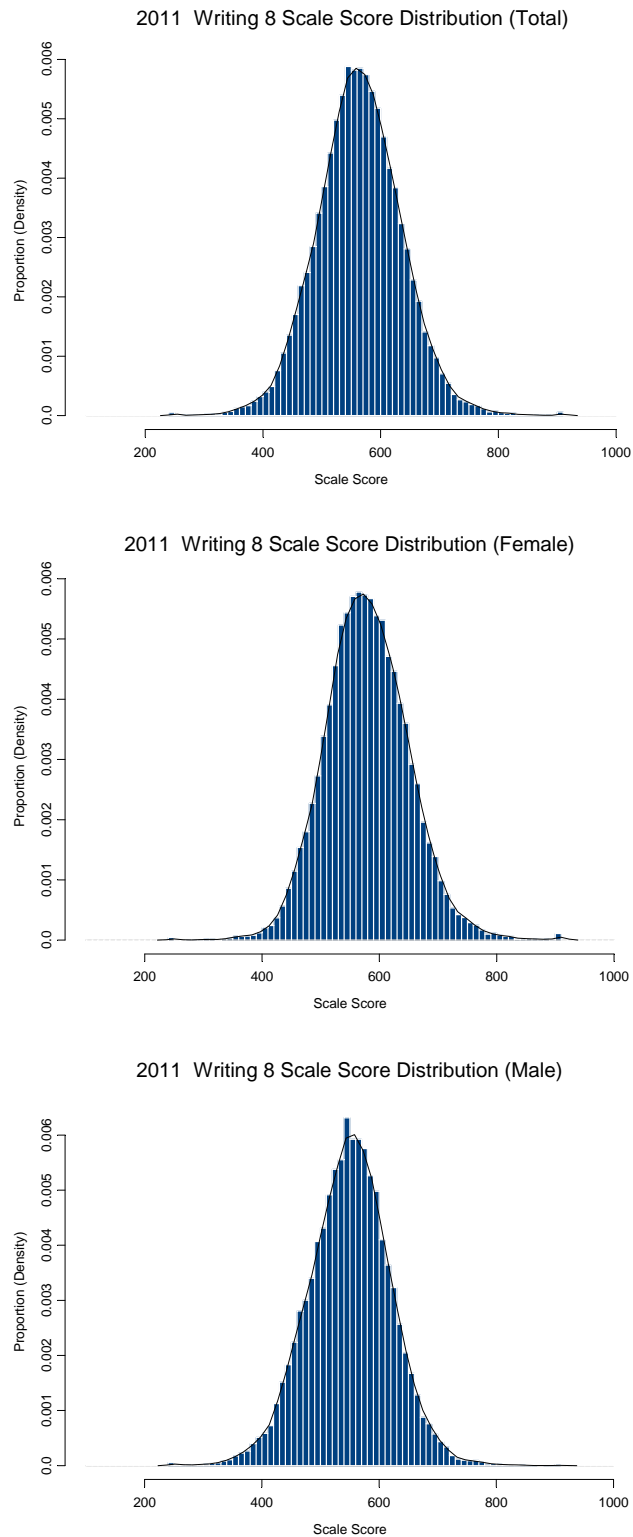


**Figure 49. Grade 7 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students**

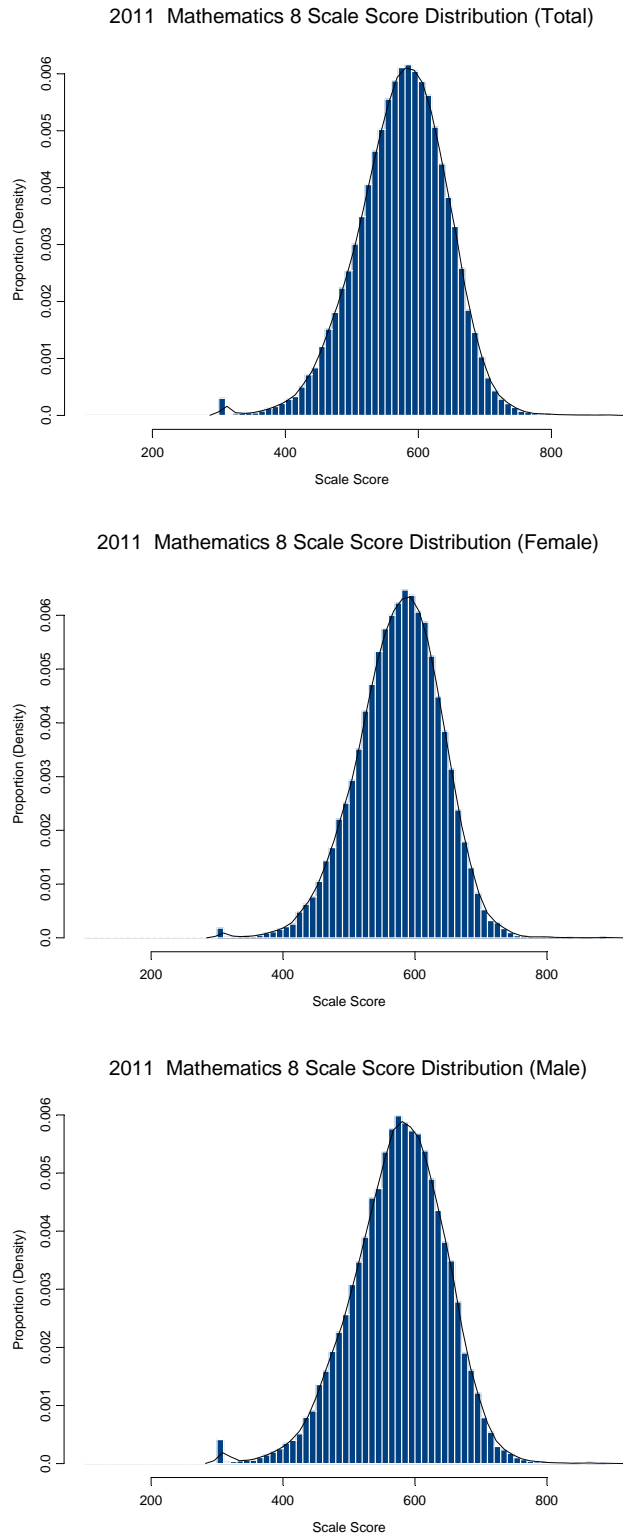


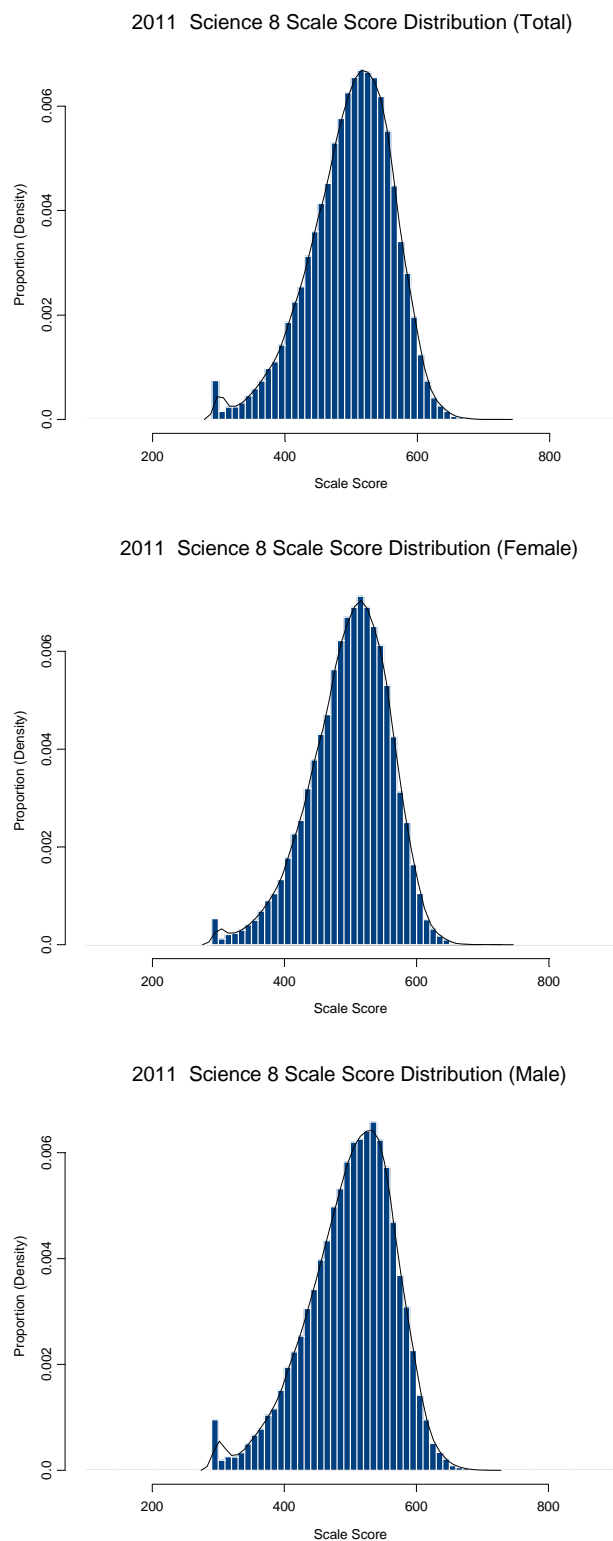
**Figure 50. Grade 8 Reading Scale Score Distributions for the Total Population, Female, and Male Students**



**Figure 51. Grade 8 Writing Scale Score Distributions for the Total Population, Female, and Male Students**

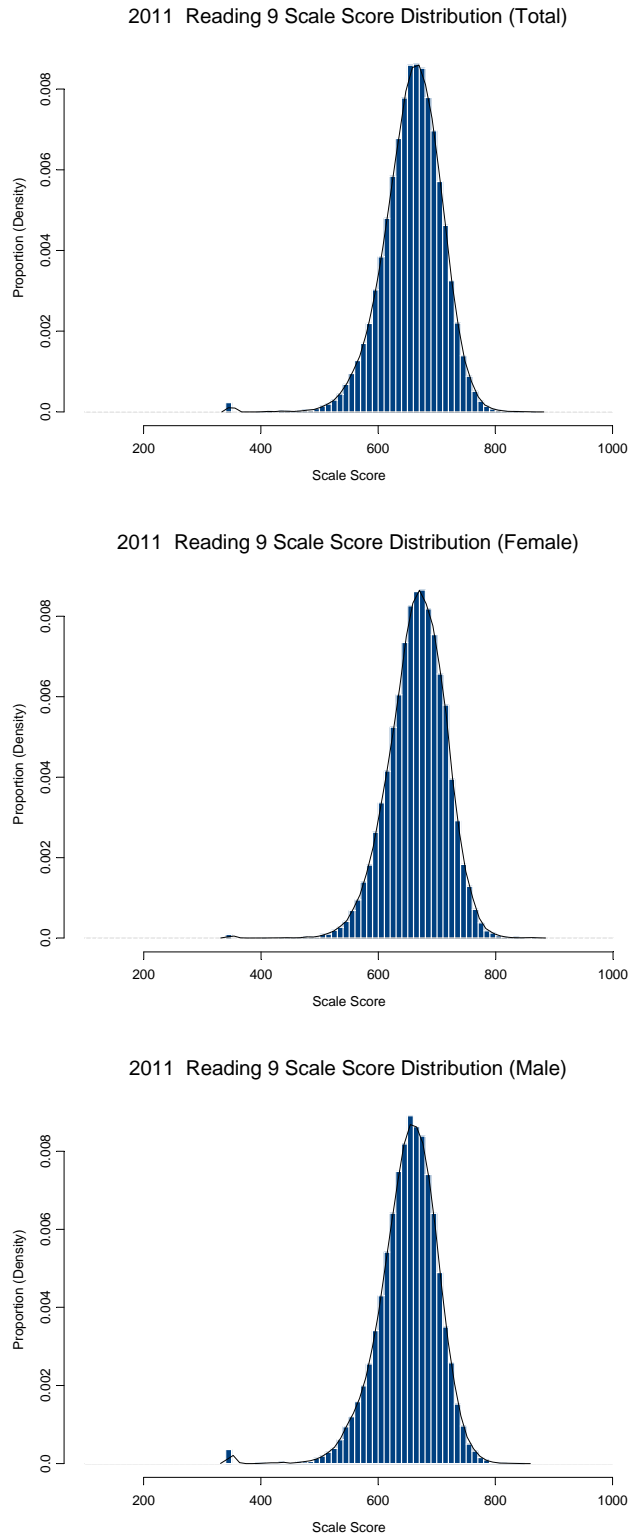
**Figure 52. Grade 8 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students**

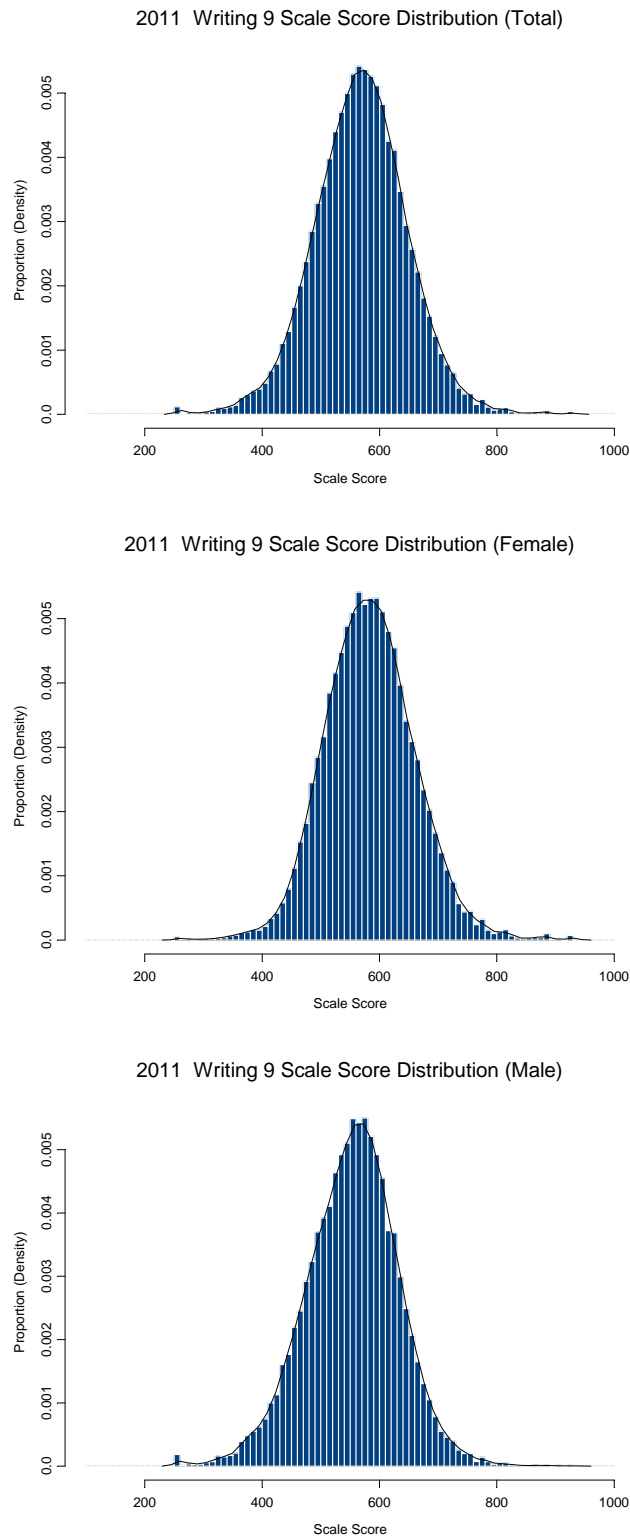


**Figure 53. Grade 8 Science Scale Score Distributions for the Total Population, Female, and Male Students**

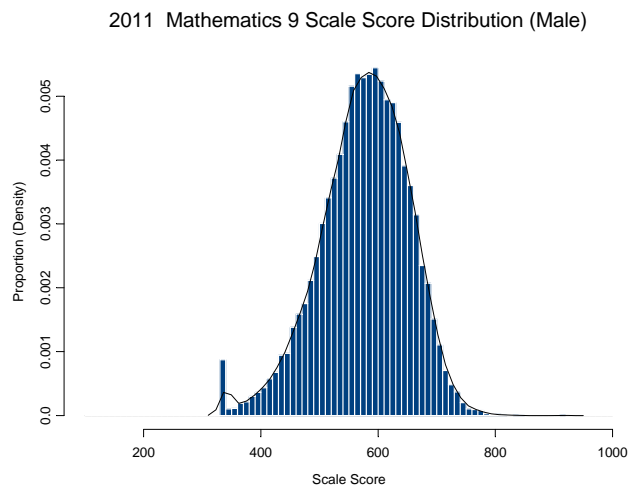
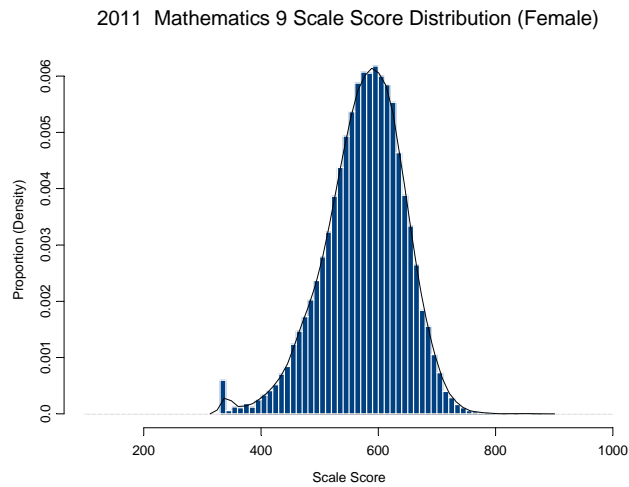
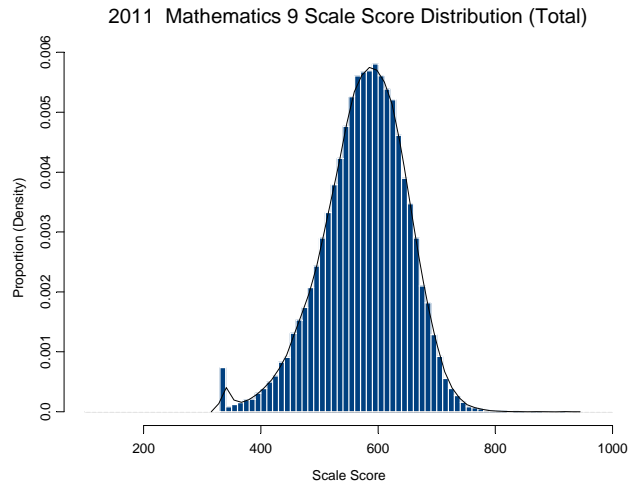


**Figure 54. Grade 9 Reading Scale Score Distributions for the Total Population, Female, and Male Students**

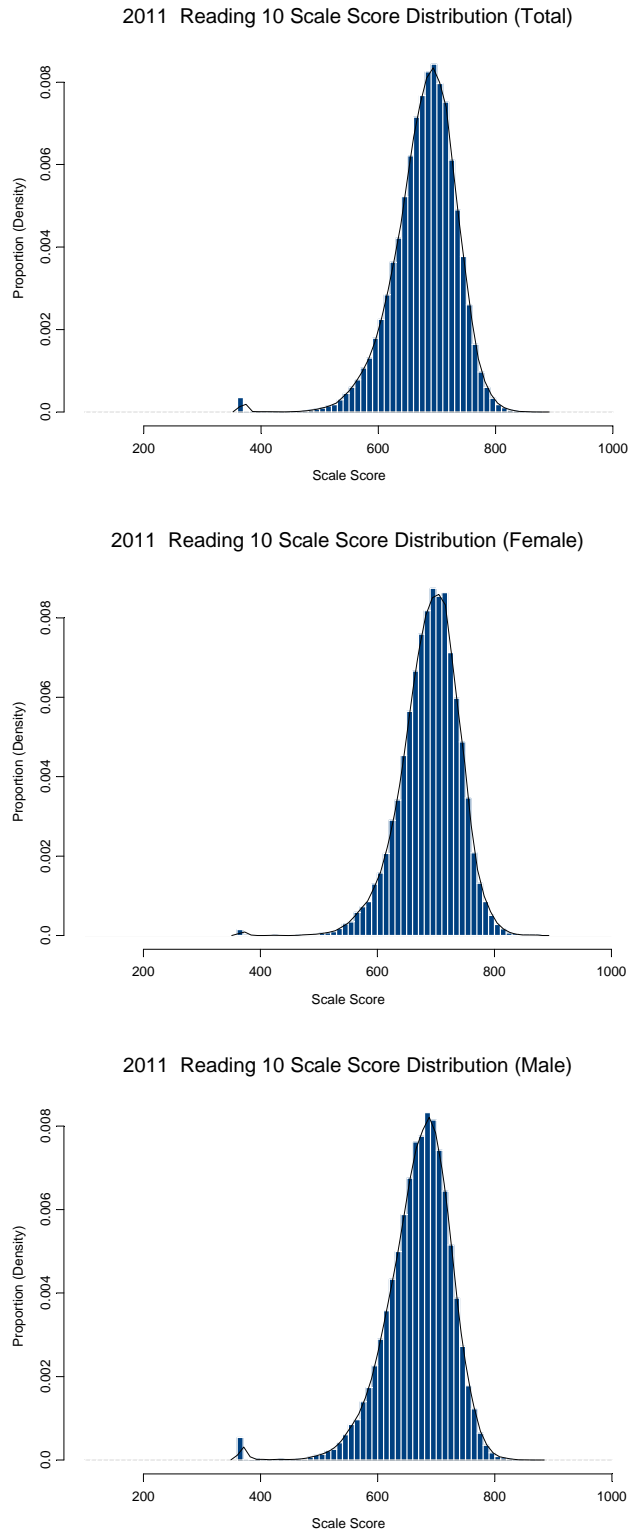


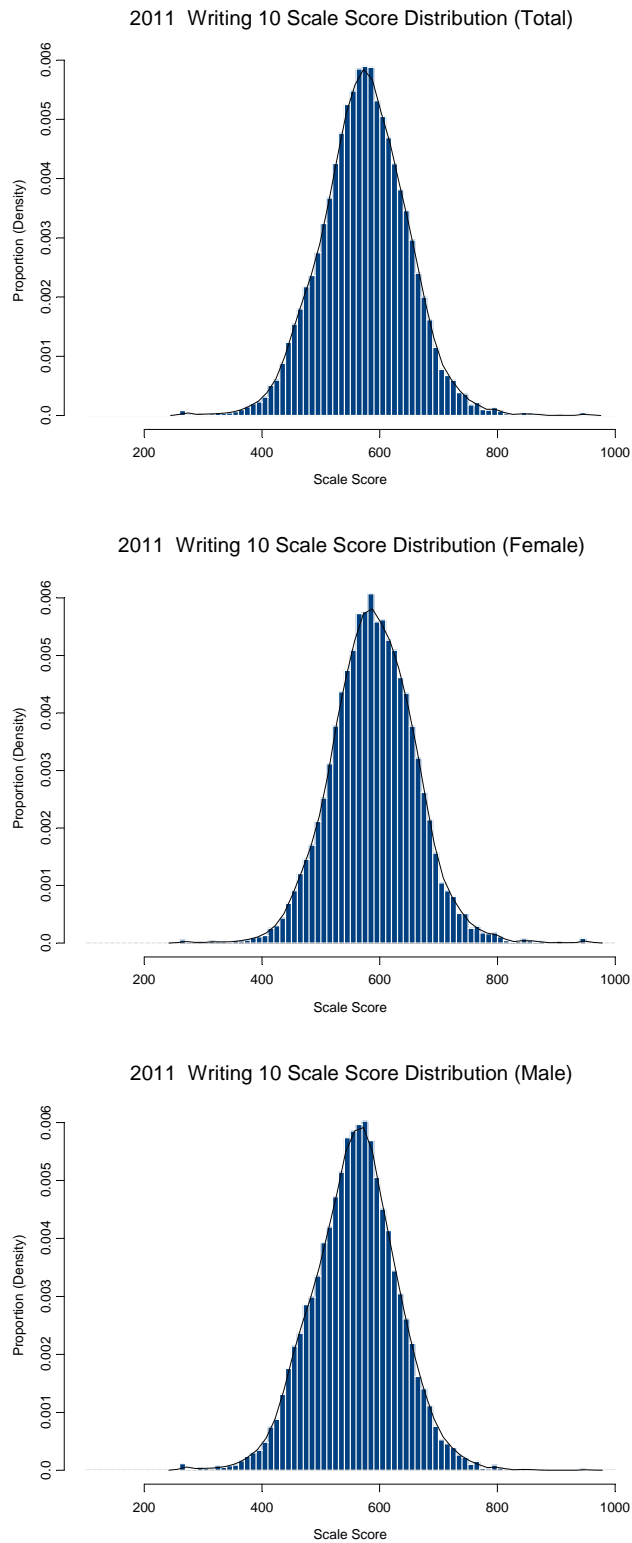
**Figure 55. Grade 9 Writing Scale Score Distributions for the Total Population, Female, and Male Students**

**Figure 56. Grade 9 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students**

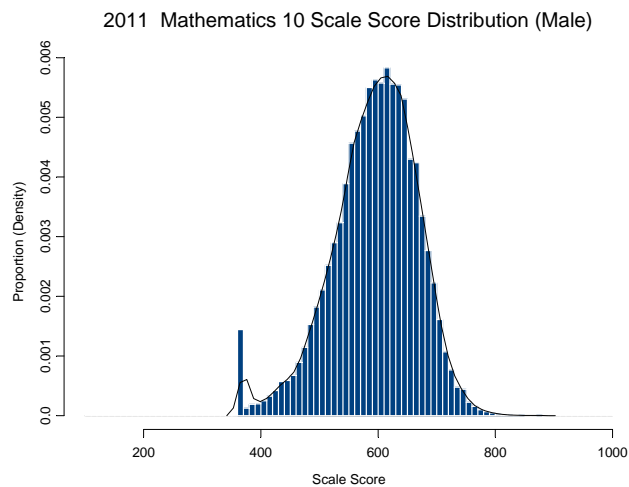
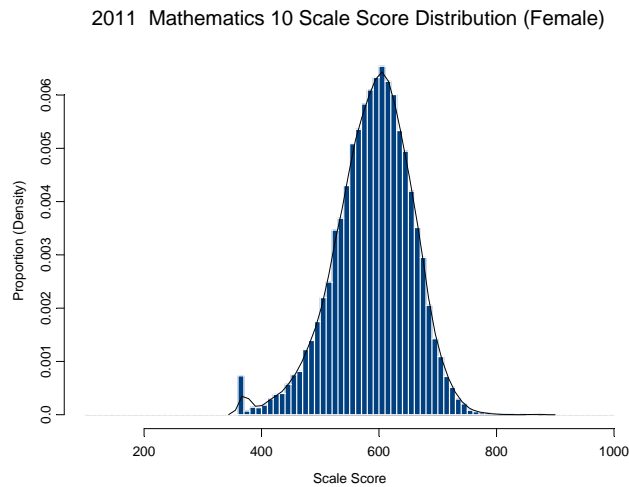
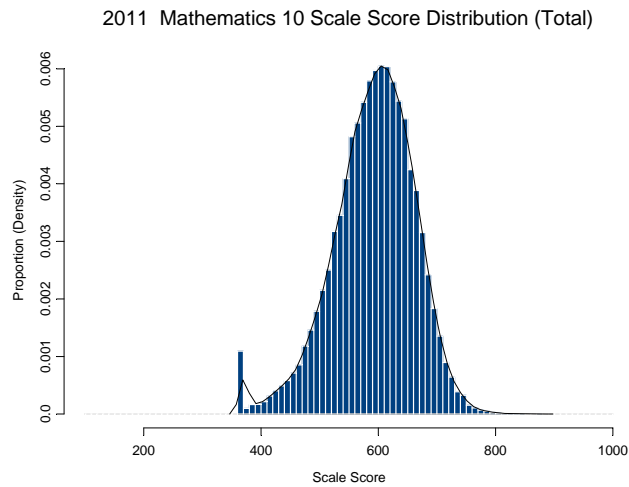


**Figure 57. Grade 10 Reading Scale Score Distributions for the Total Population, Female, and Male Students**

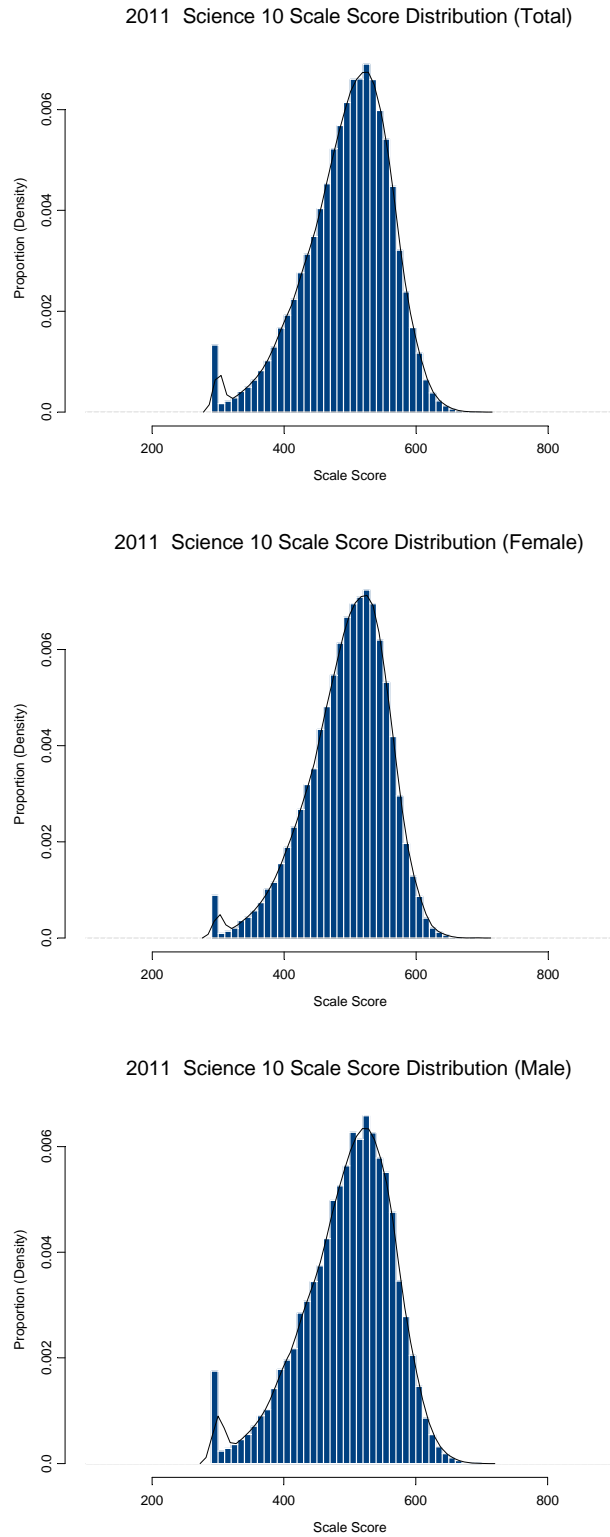


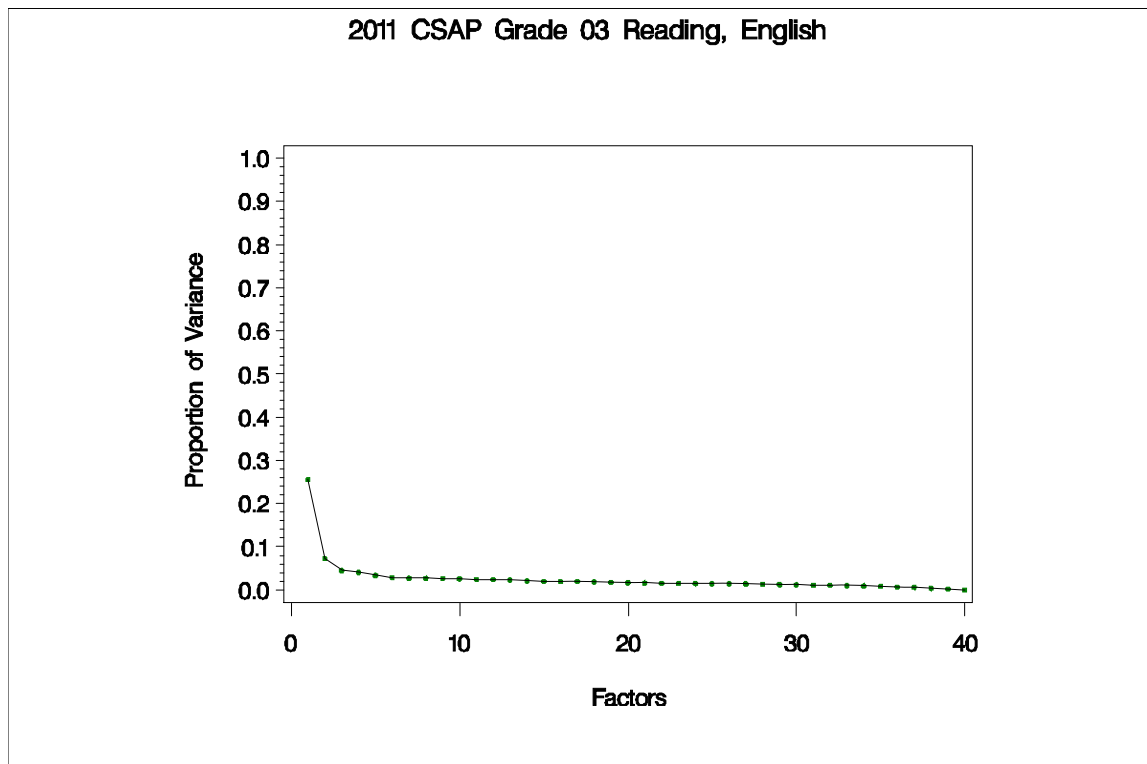
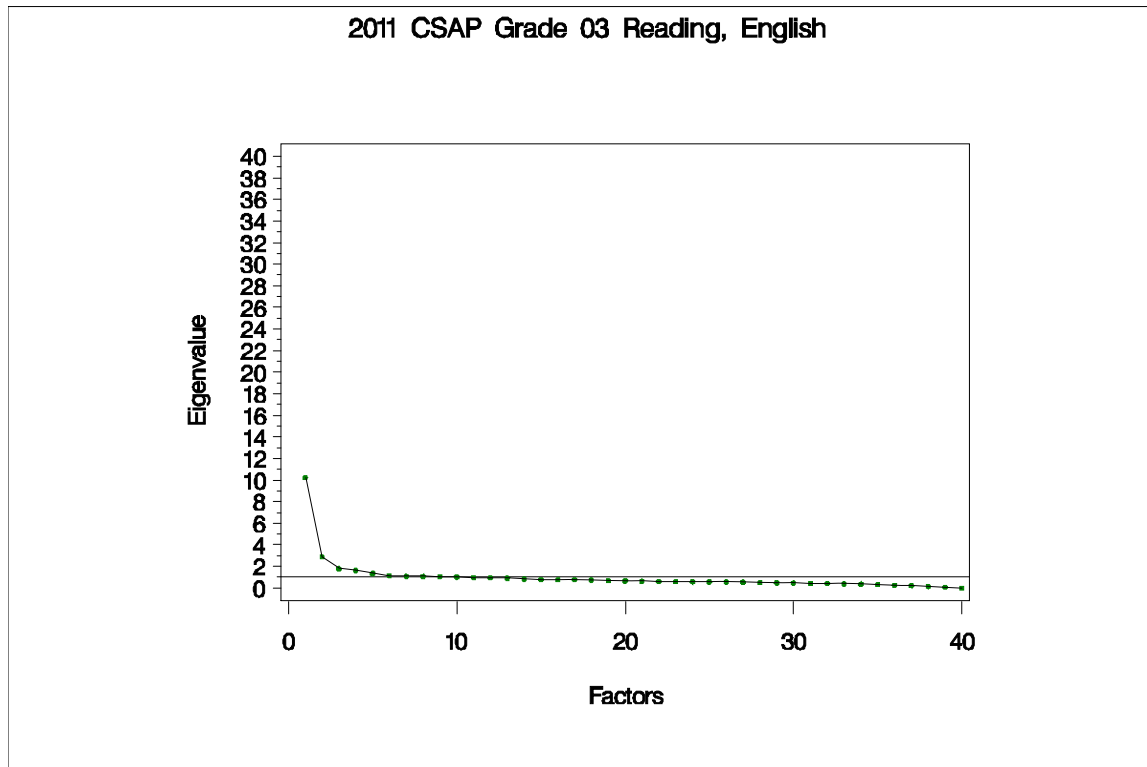
**Figure 58. Grade 10 Writing Scale Score Distributions for the Total Population, Female, and Male Students**

**Figure 59. Grade 10 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students**



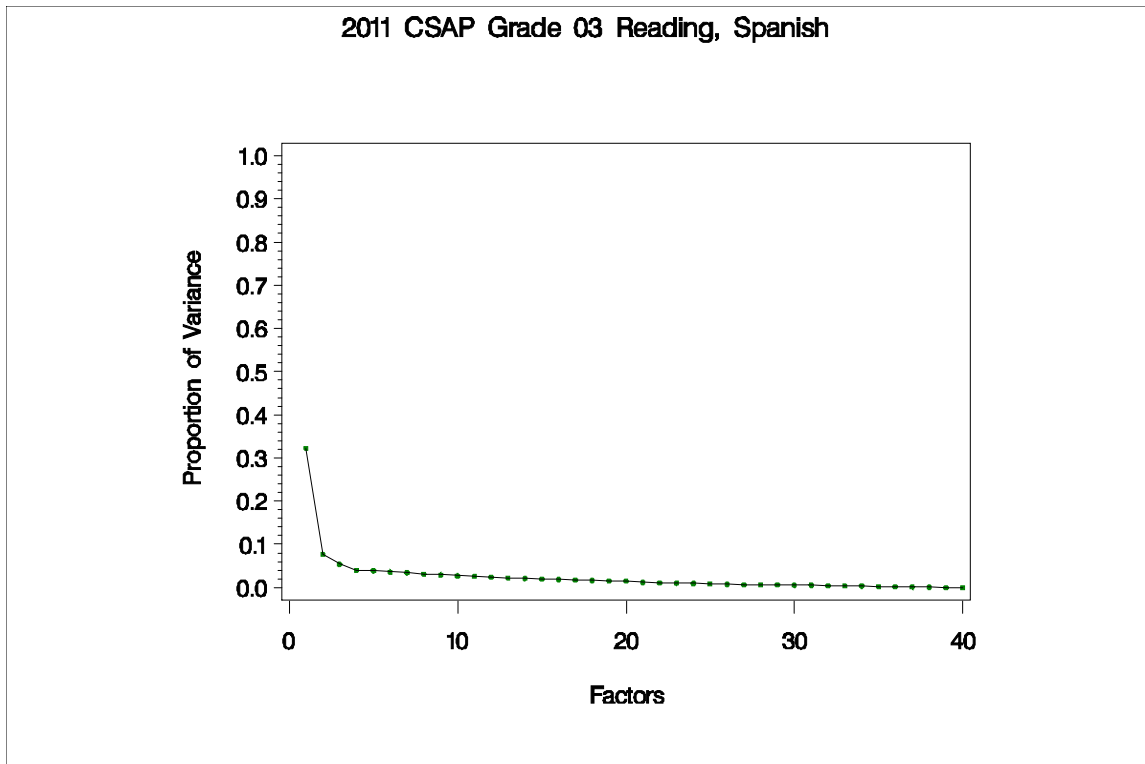
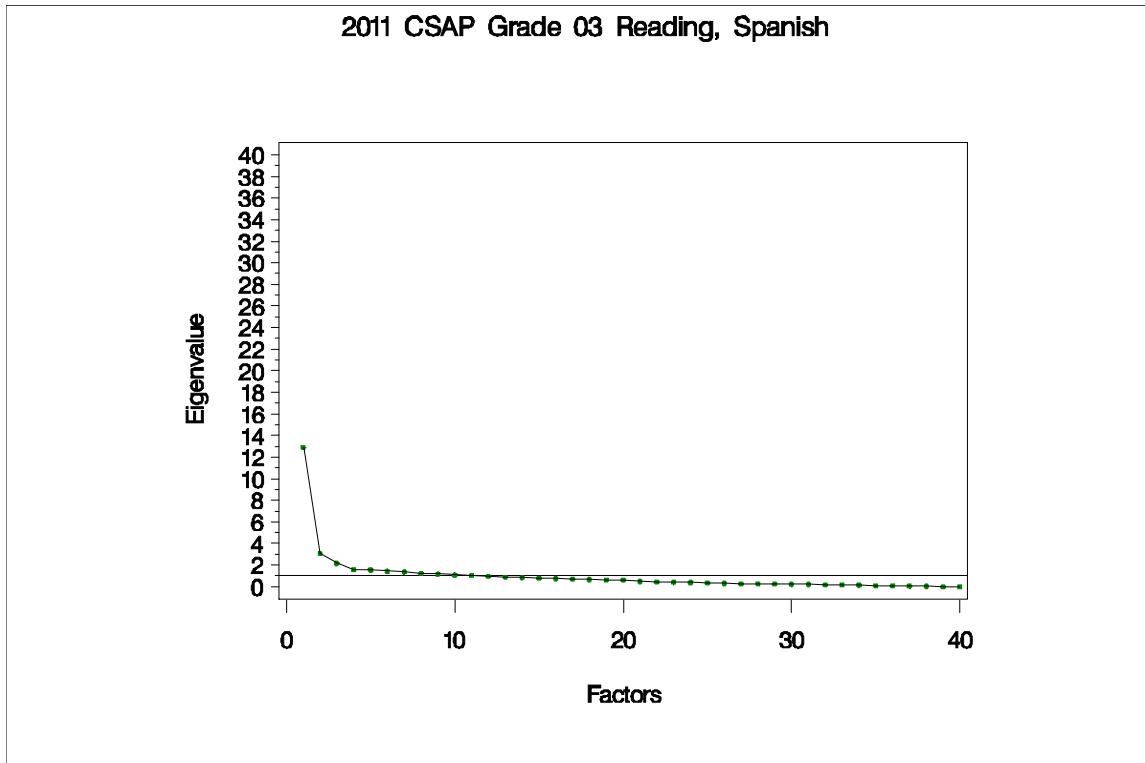
**Figure 60. Grade 10 Science Scale Score Distributions for the Total Population, Female, and Male Students**



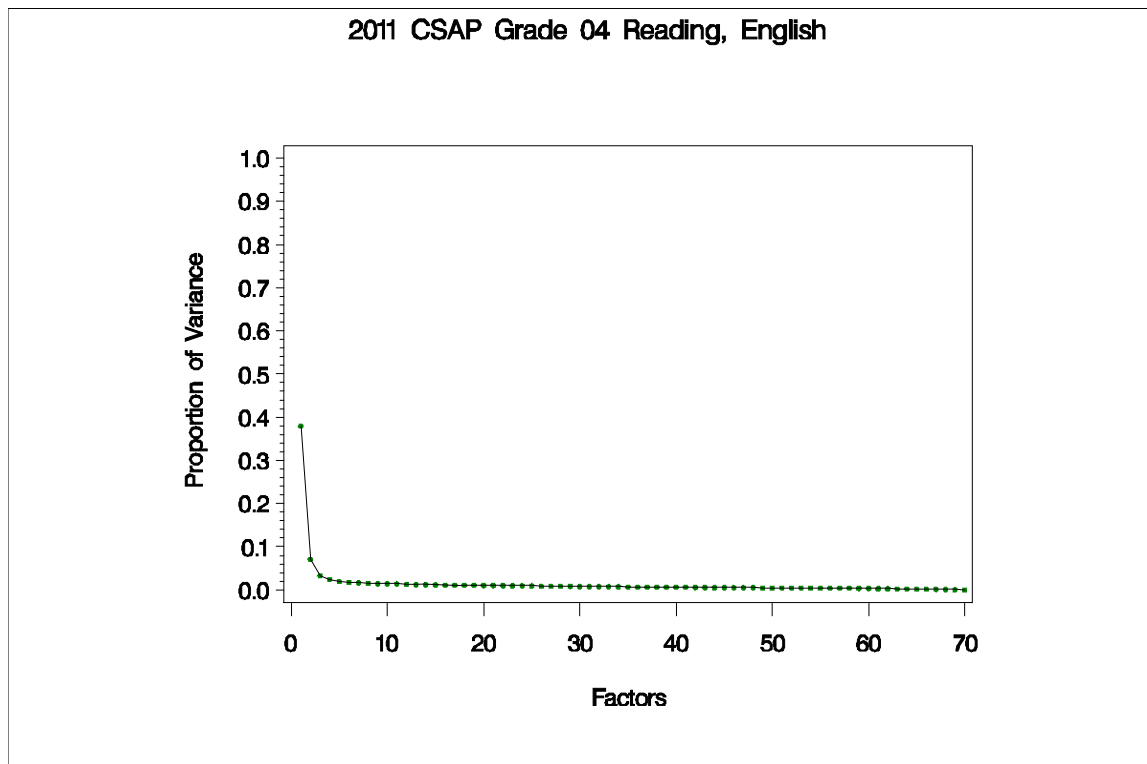
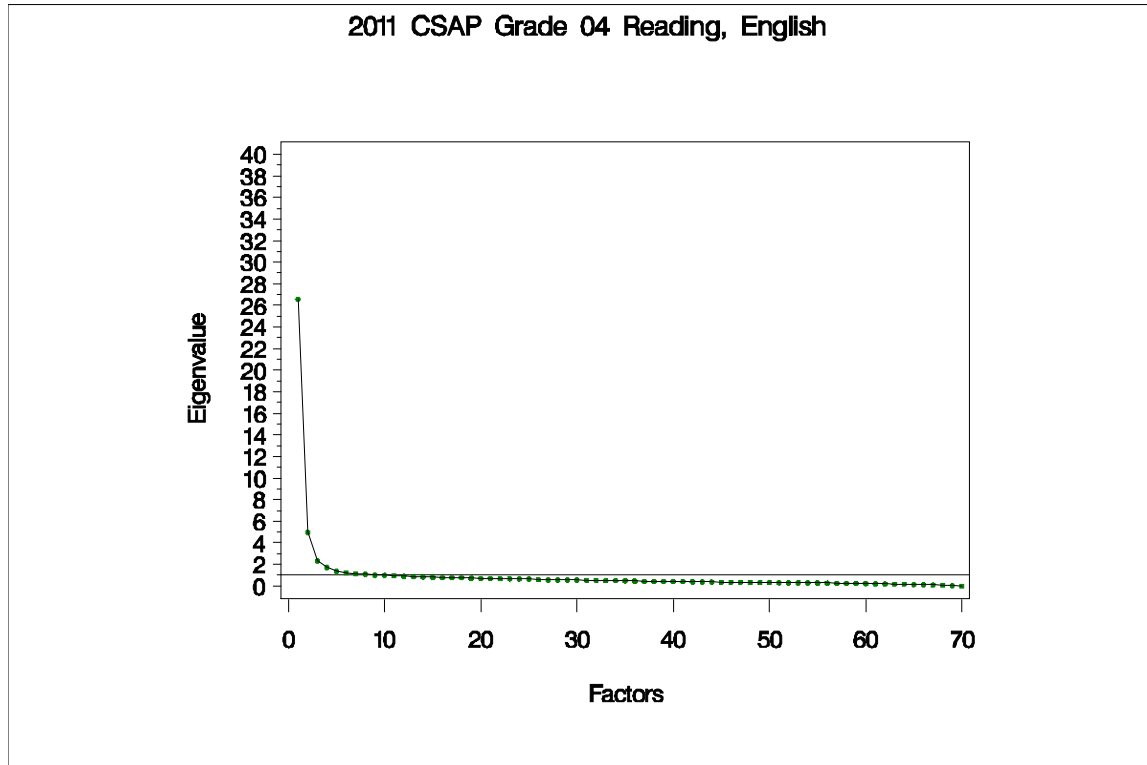
**Figure 61. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 3 Reading**



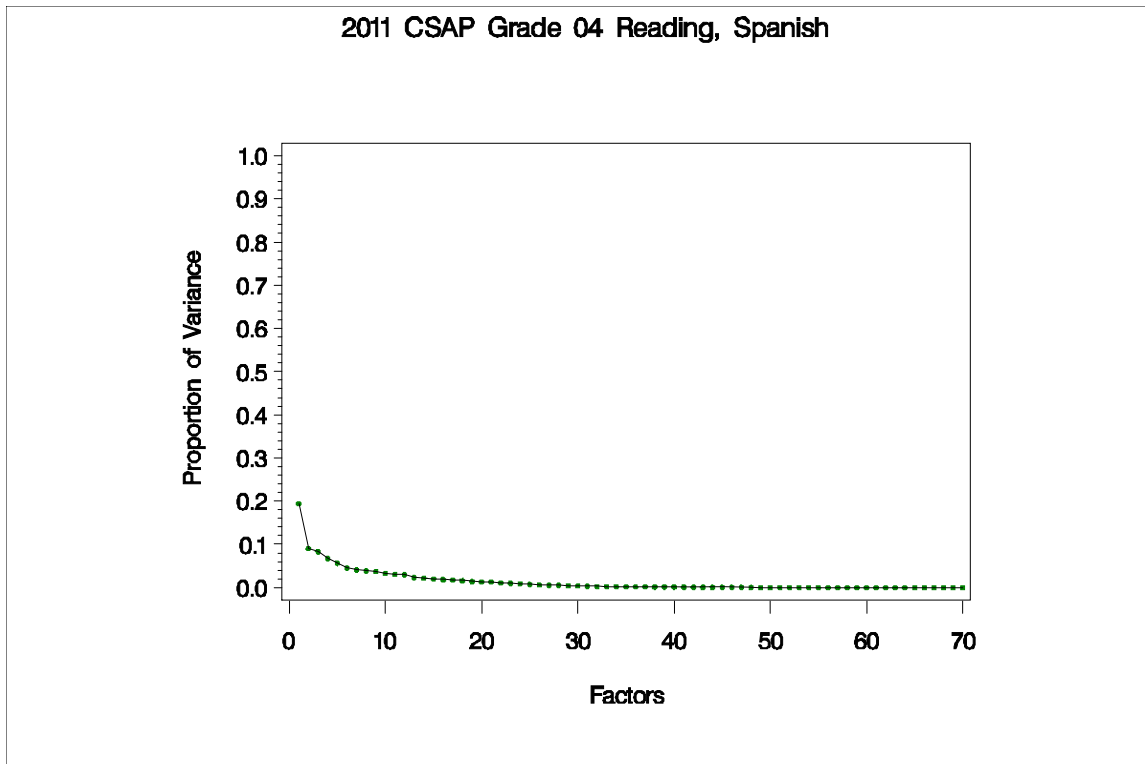
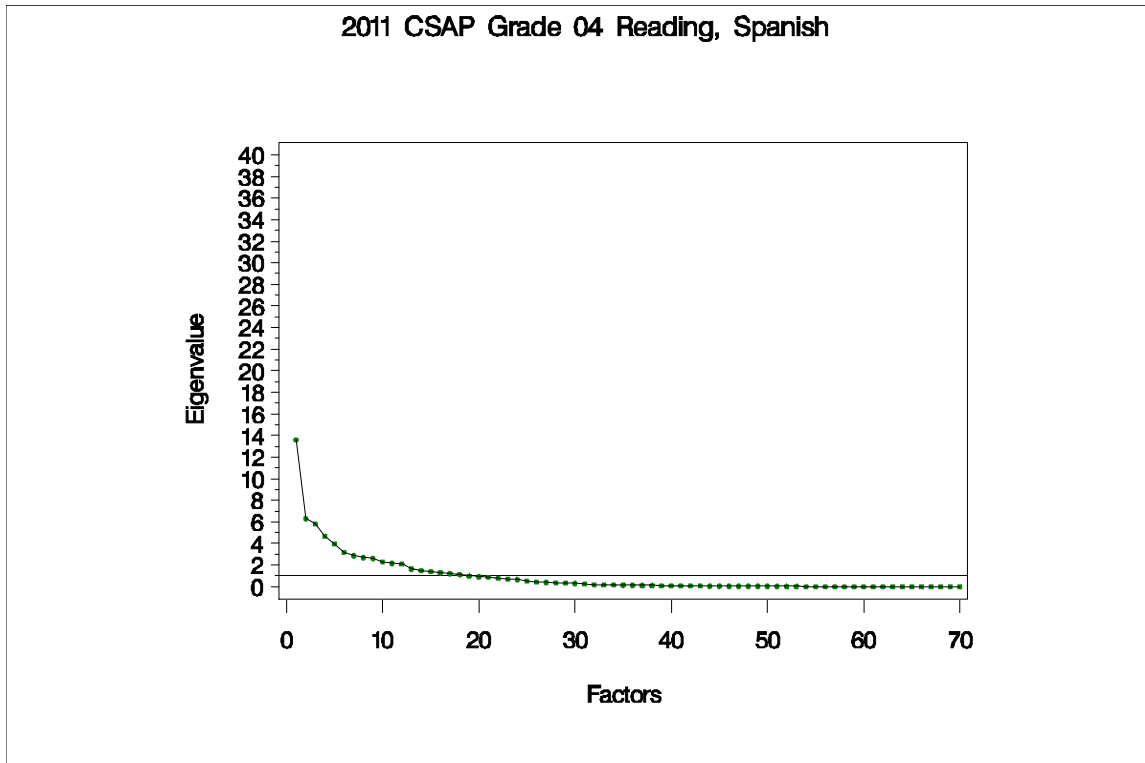
**Figure 62. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 3 Reading (Spanish)**

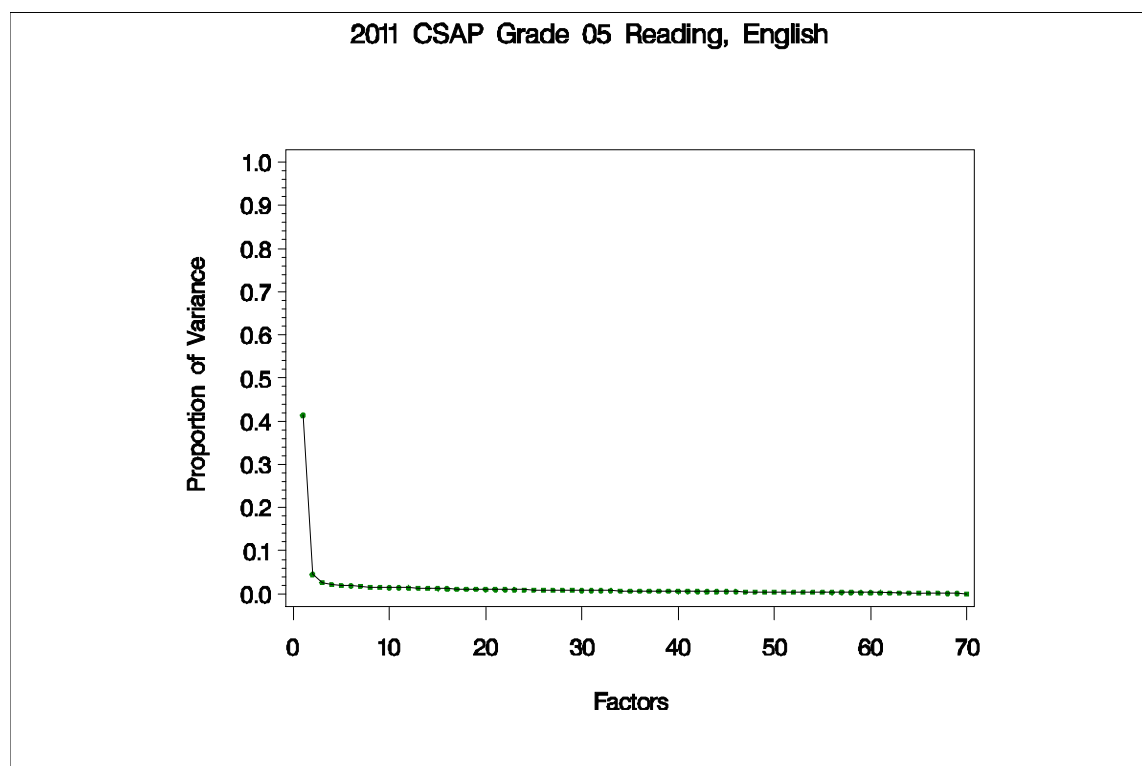
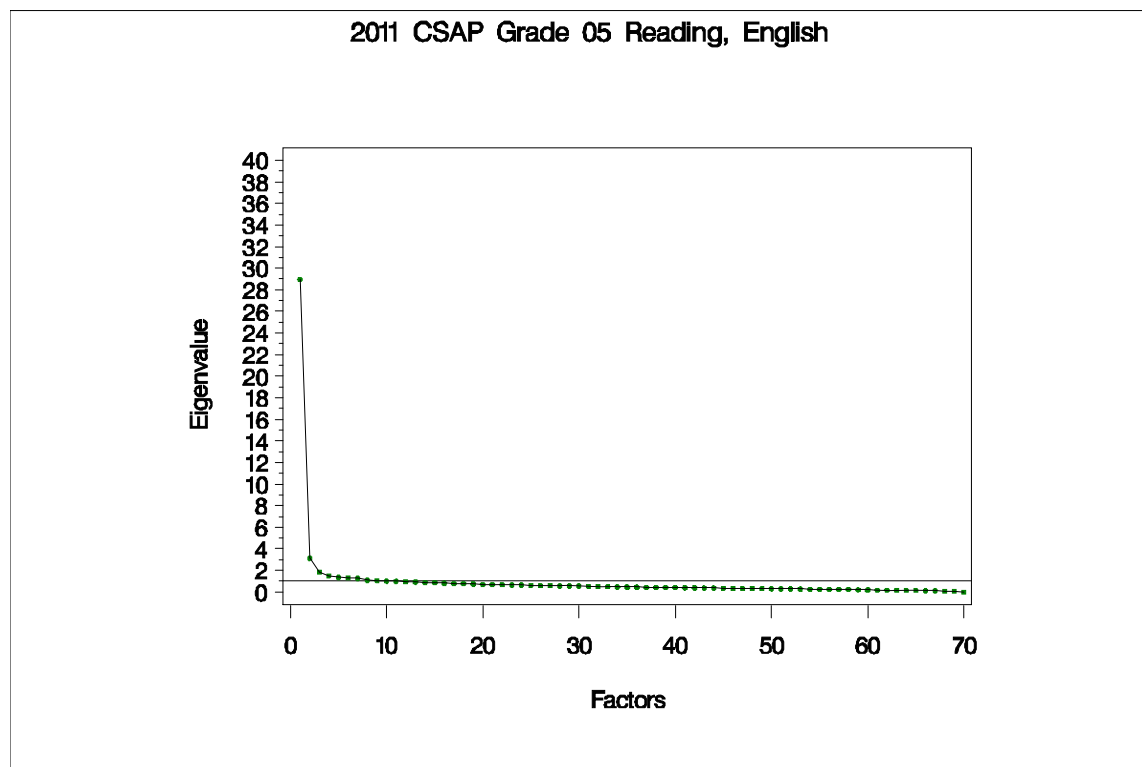


**Figure 63. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 4 Reading**

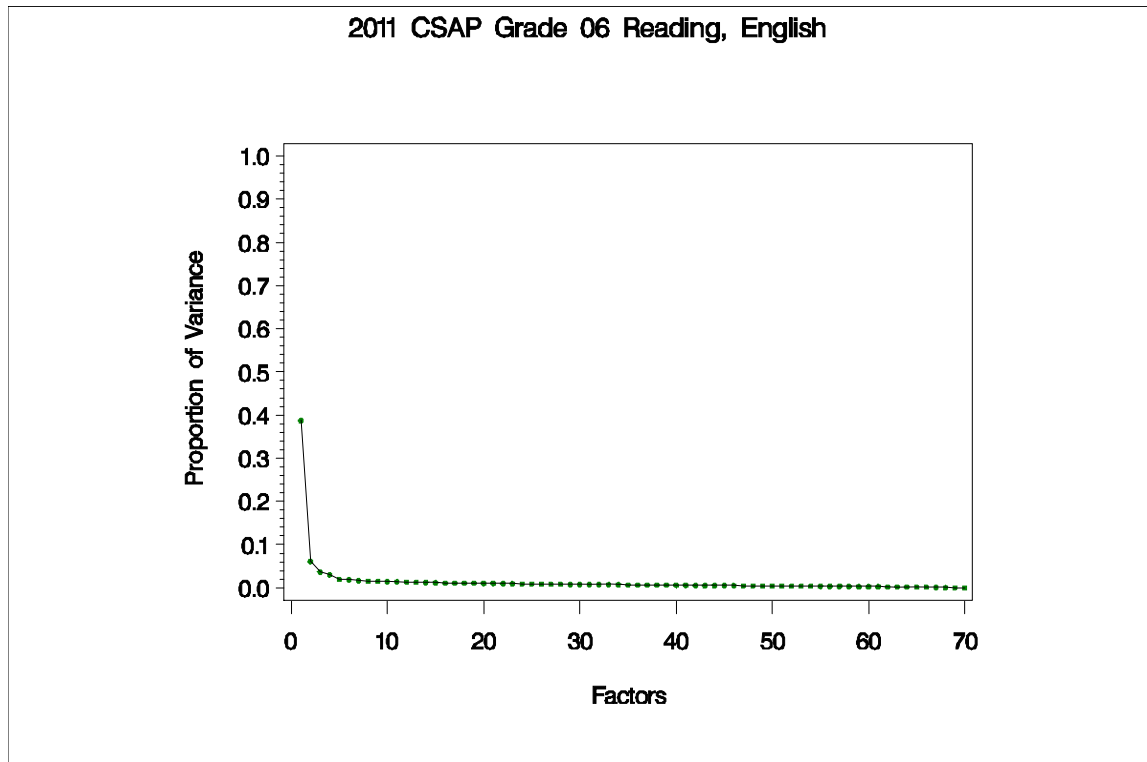
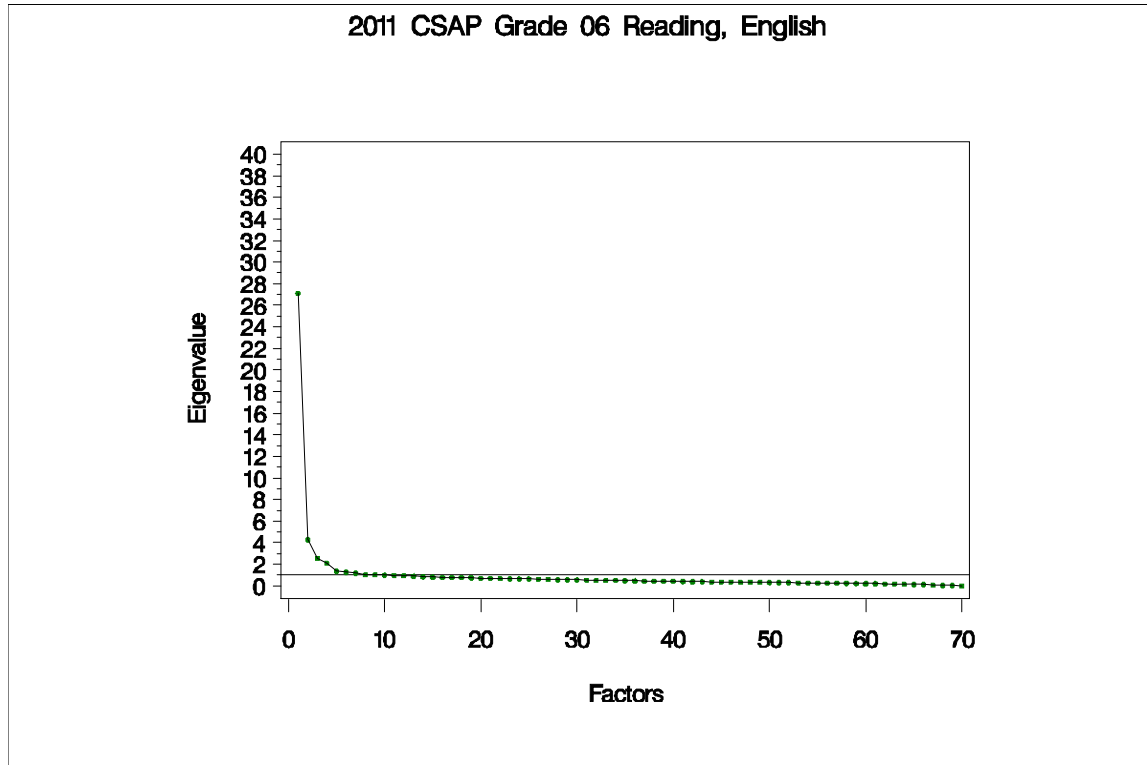


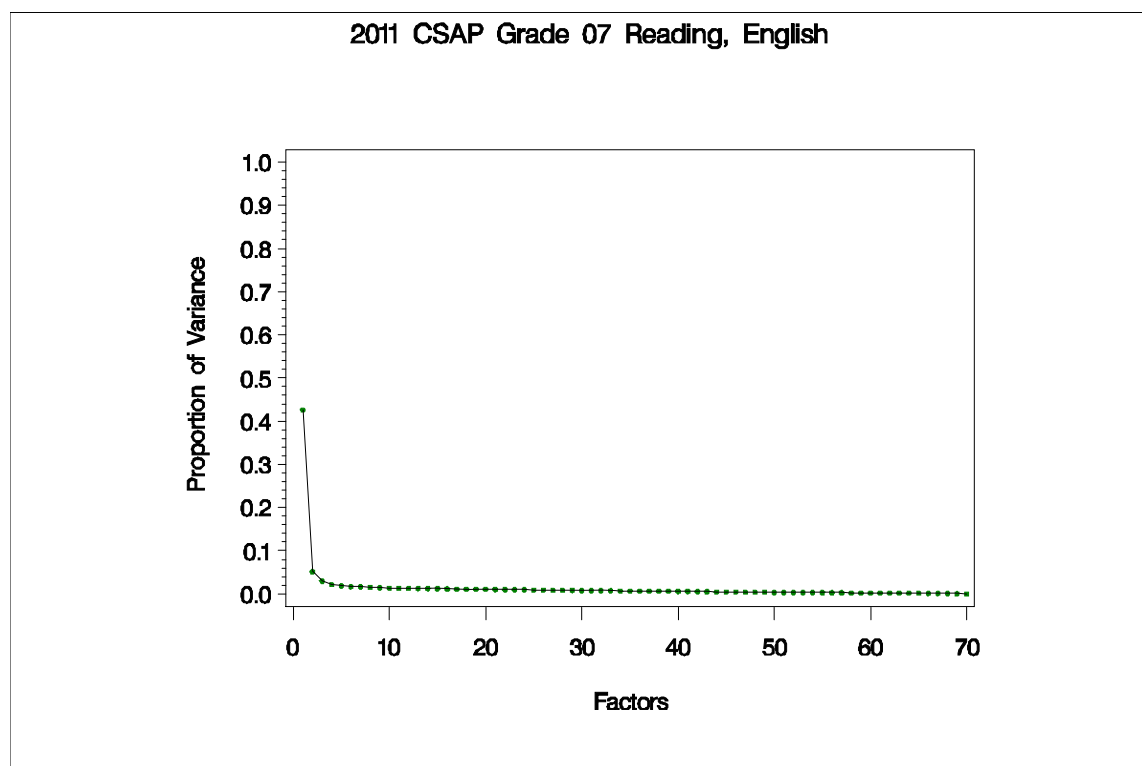
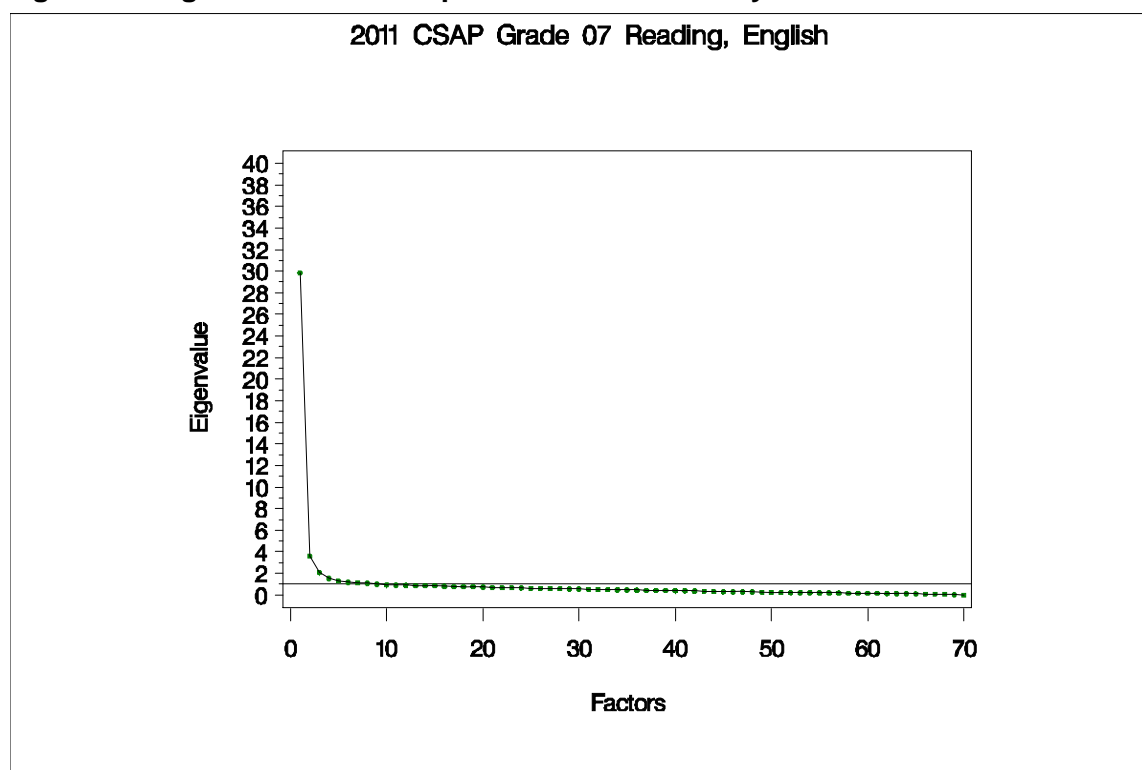
**Figure 64. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 4 Reading (Spanish)**



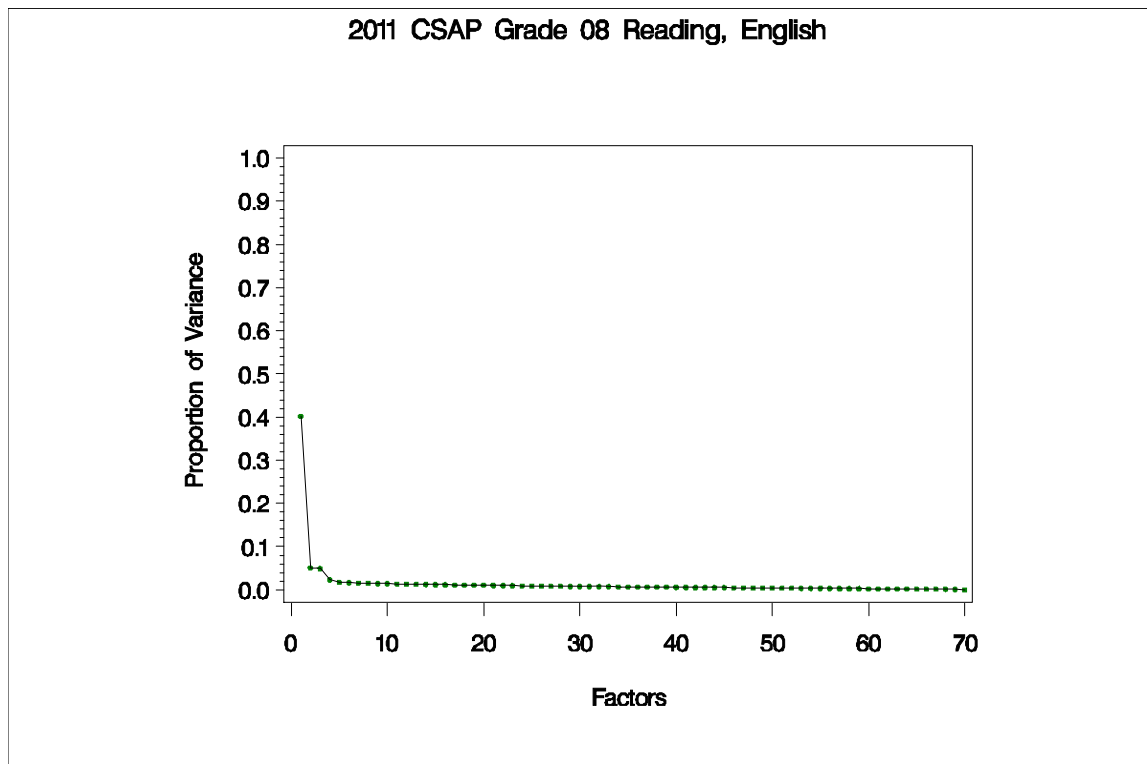
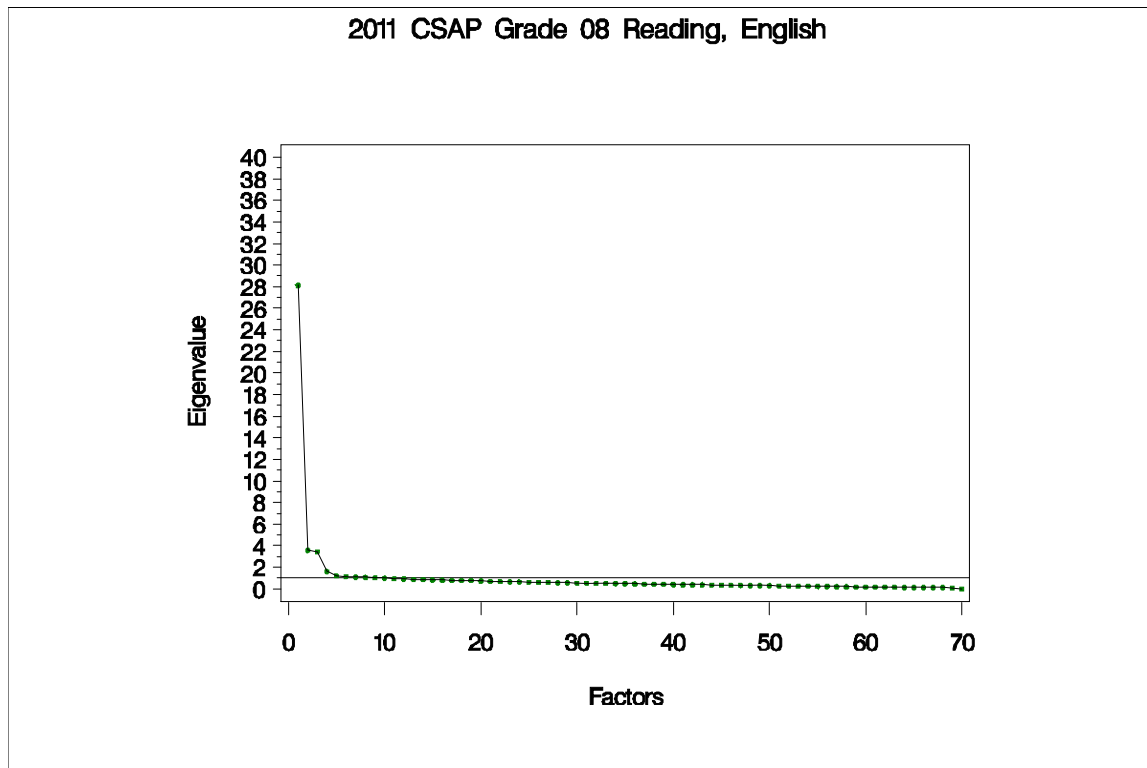
**Figure 65. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 5 Reading**

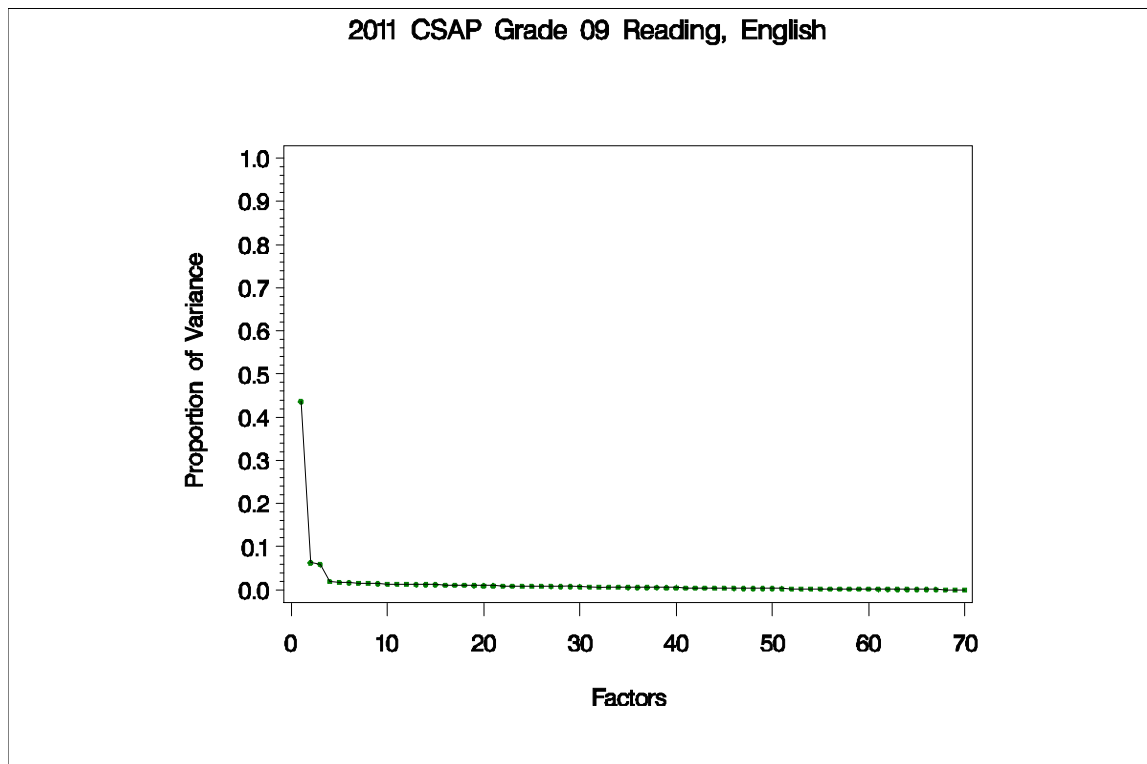
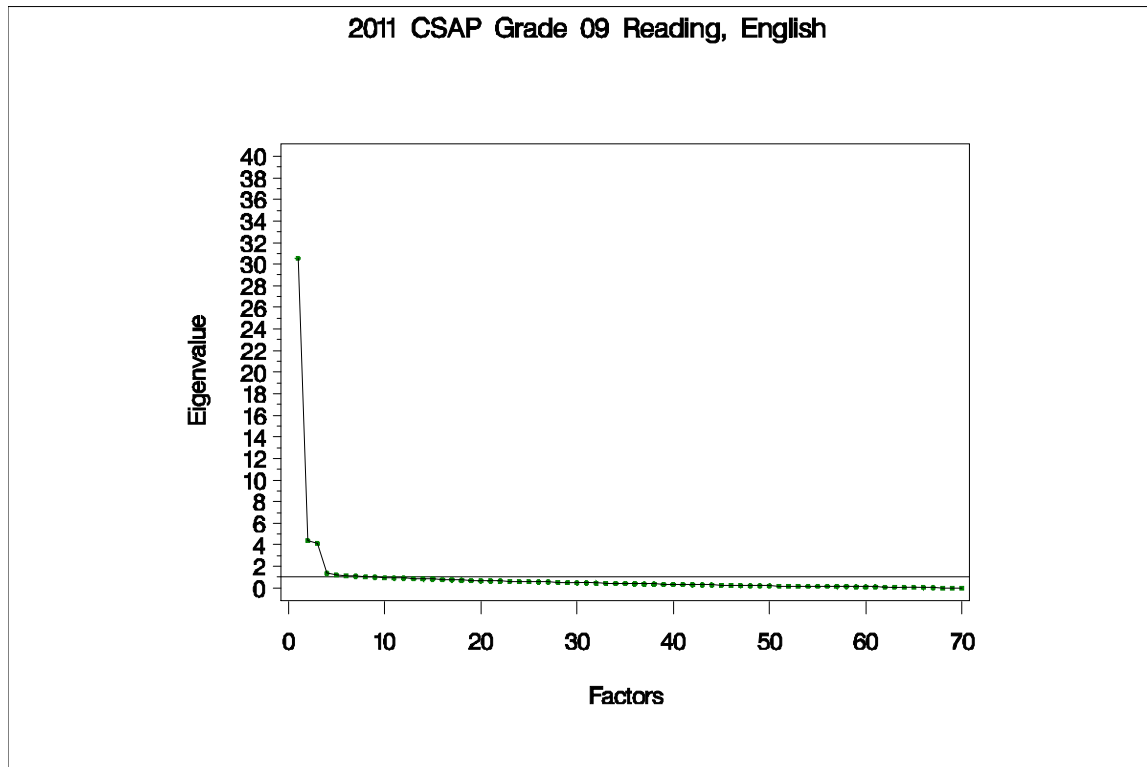
**Figure 66. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 6 Reading**



**Figure 67. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 7 Reading**

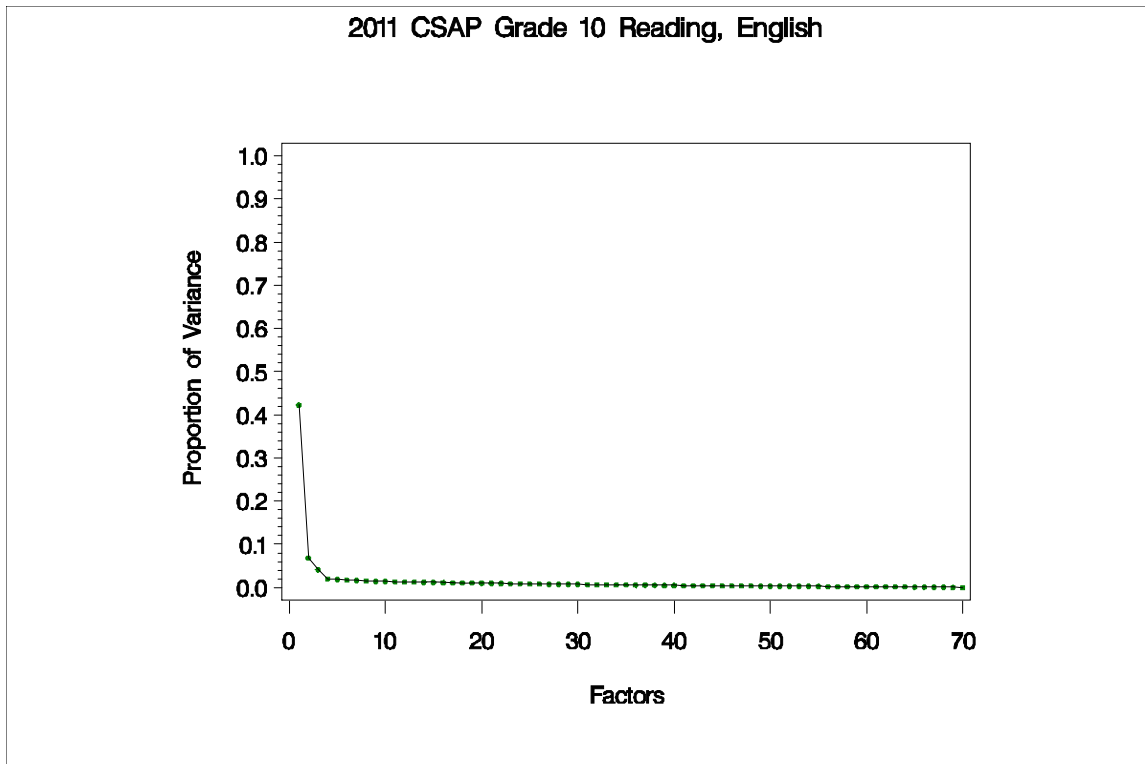
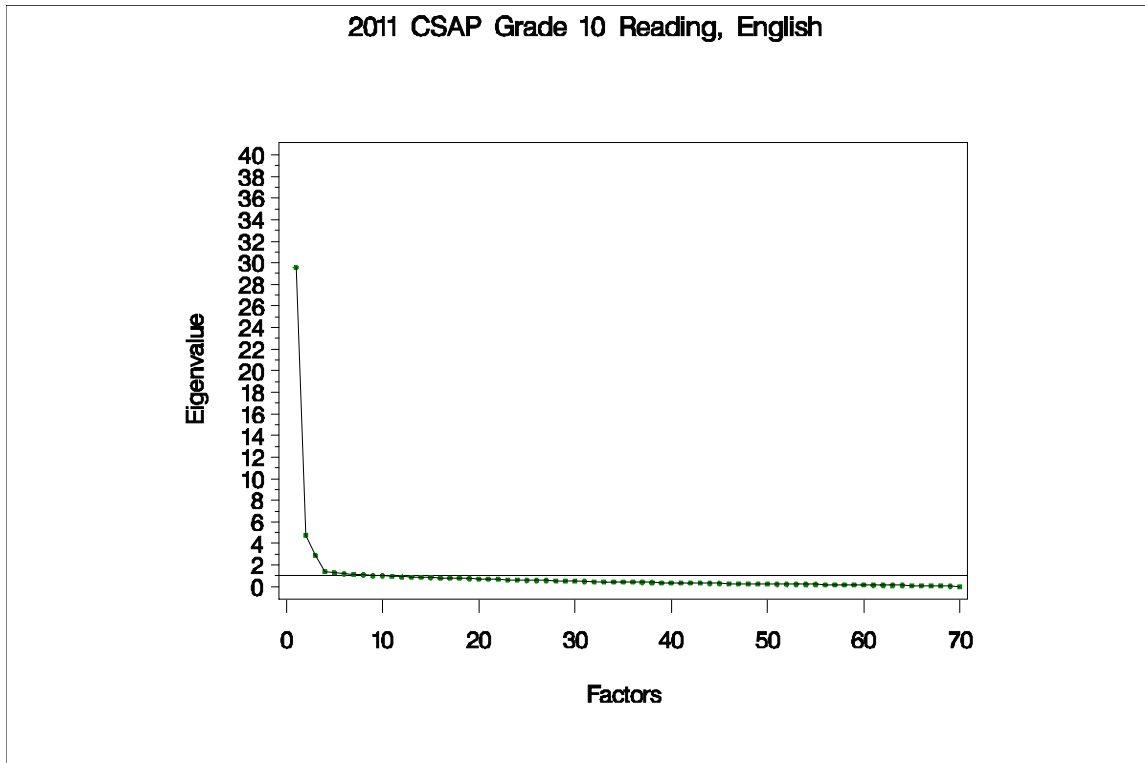
**Figure 68. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 8 Reading**



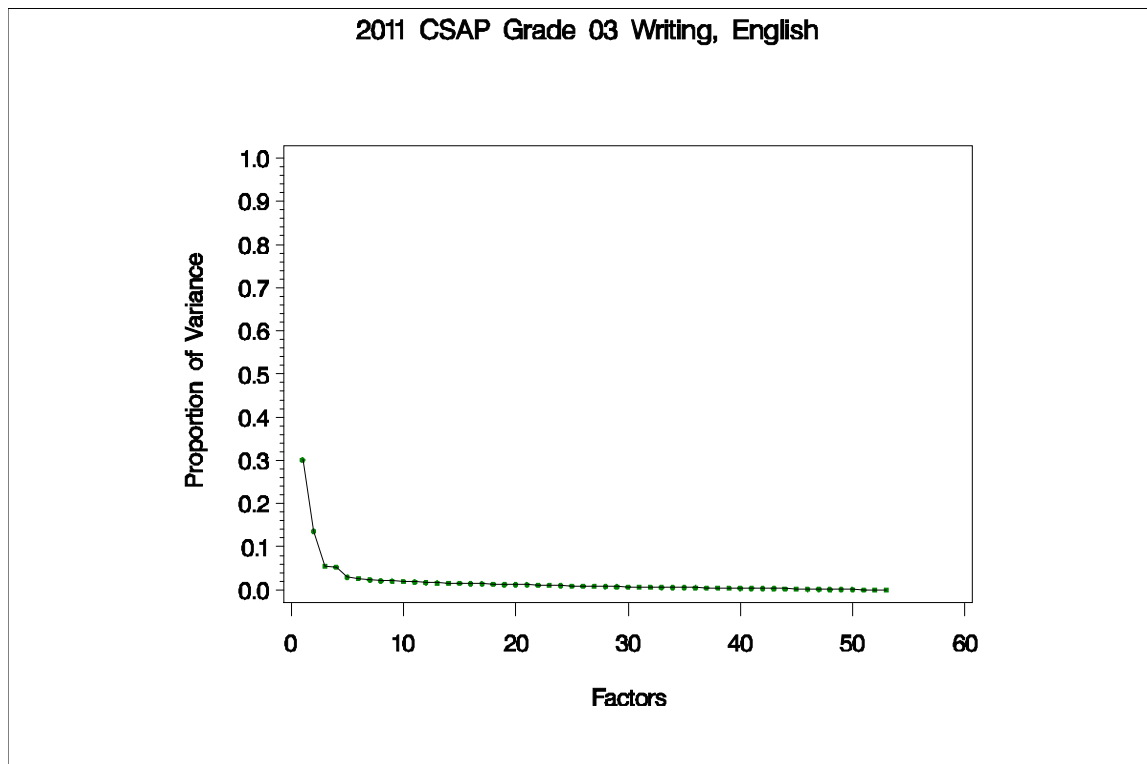
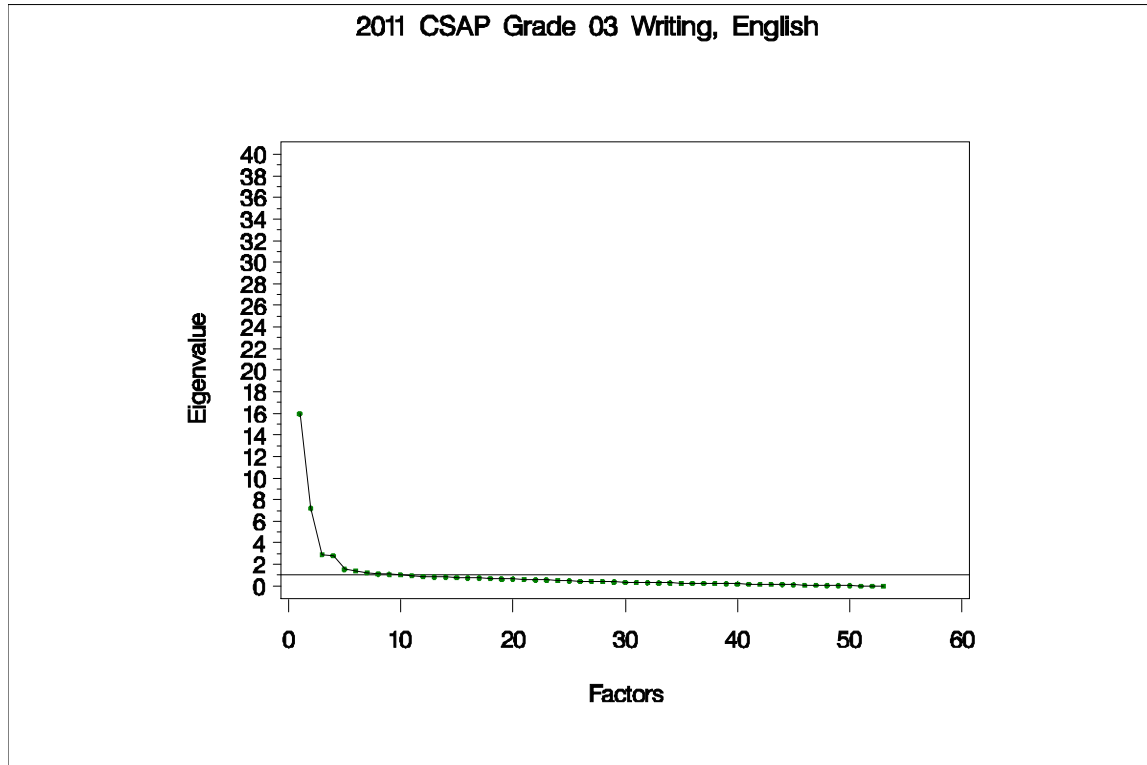
**Figure 69. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 9 Reading**

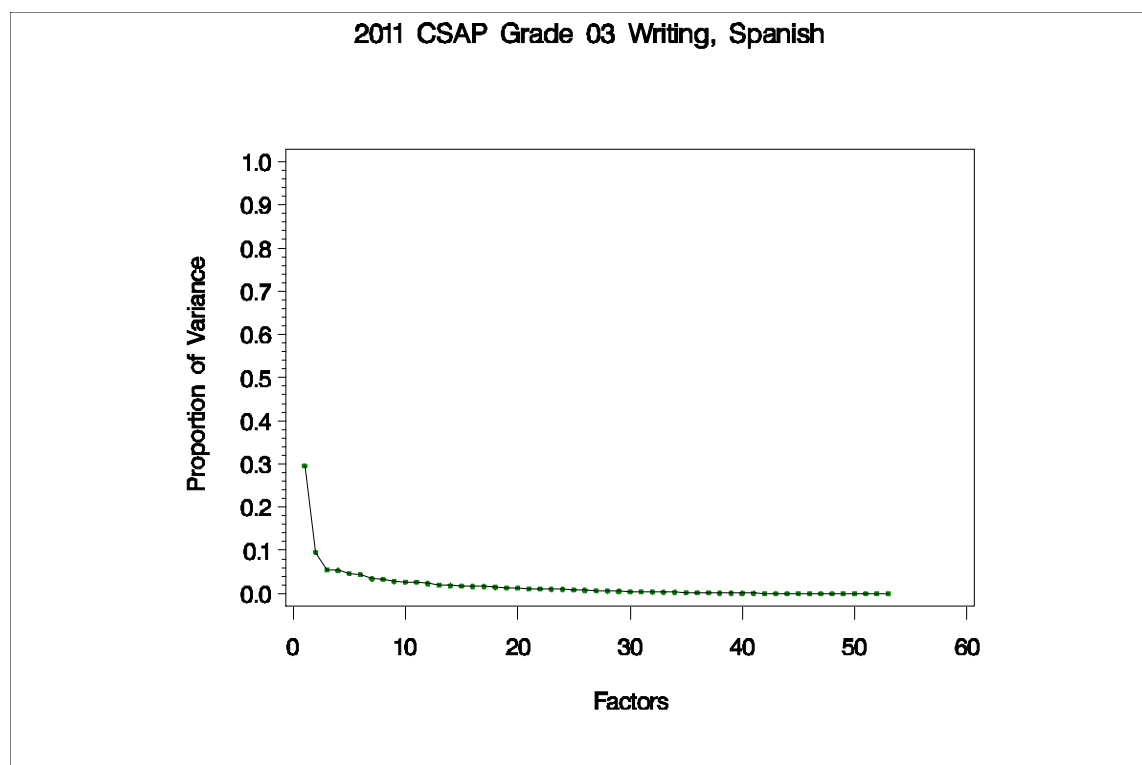
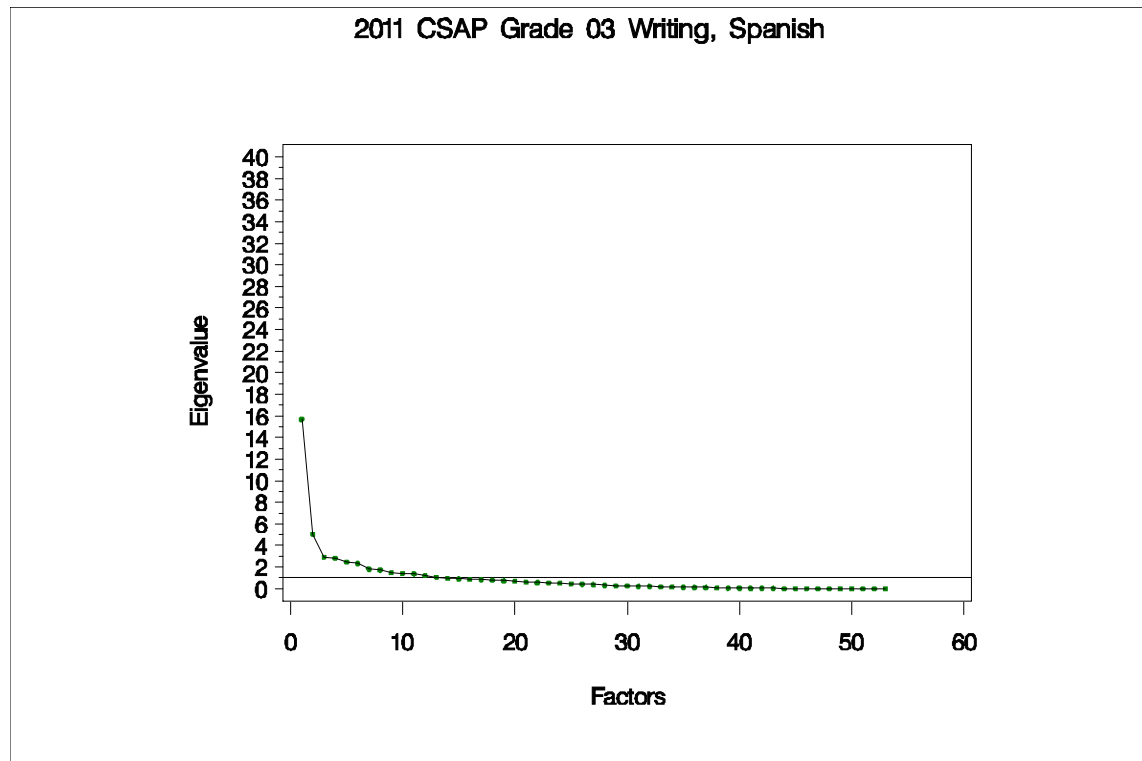


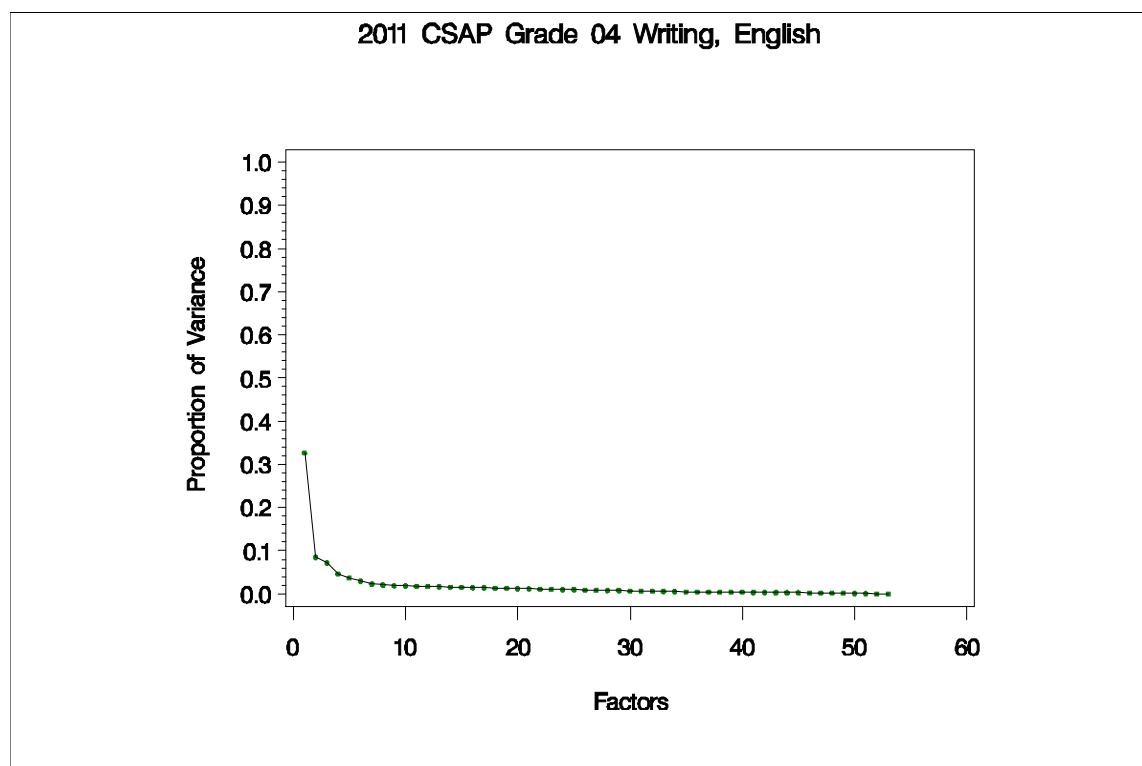
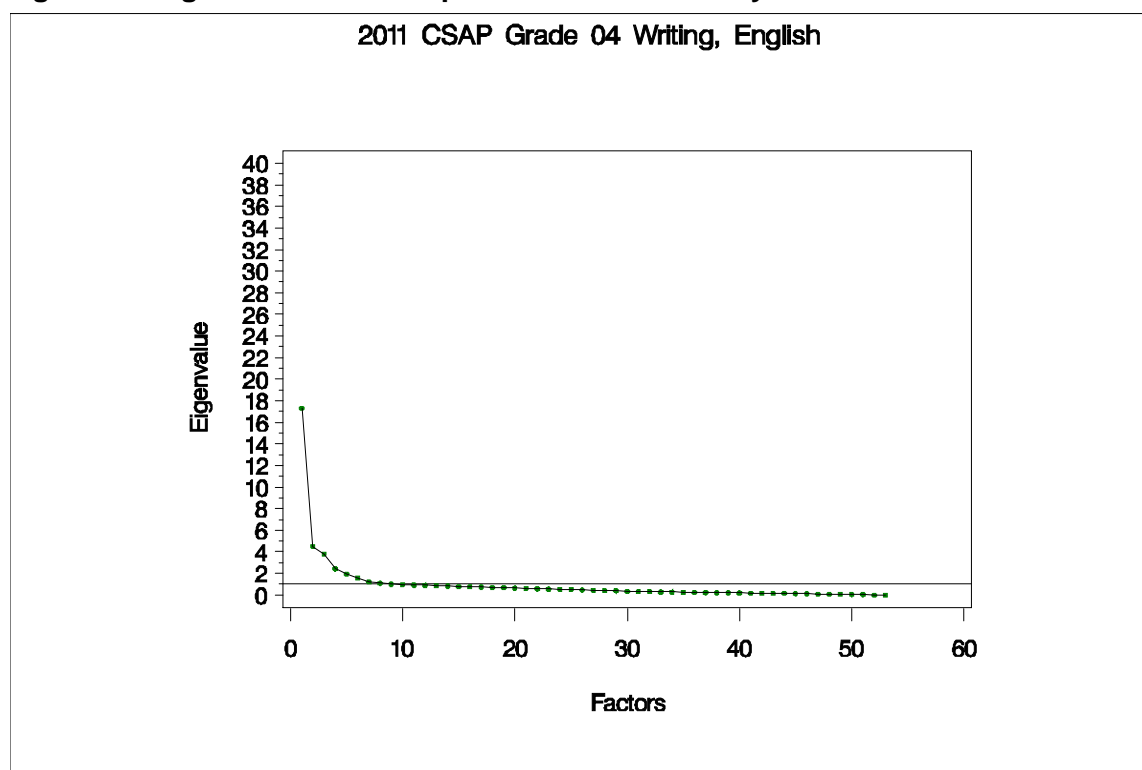
**Figure 70. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 10 Reading**



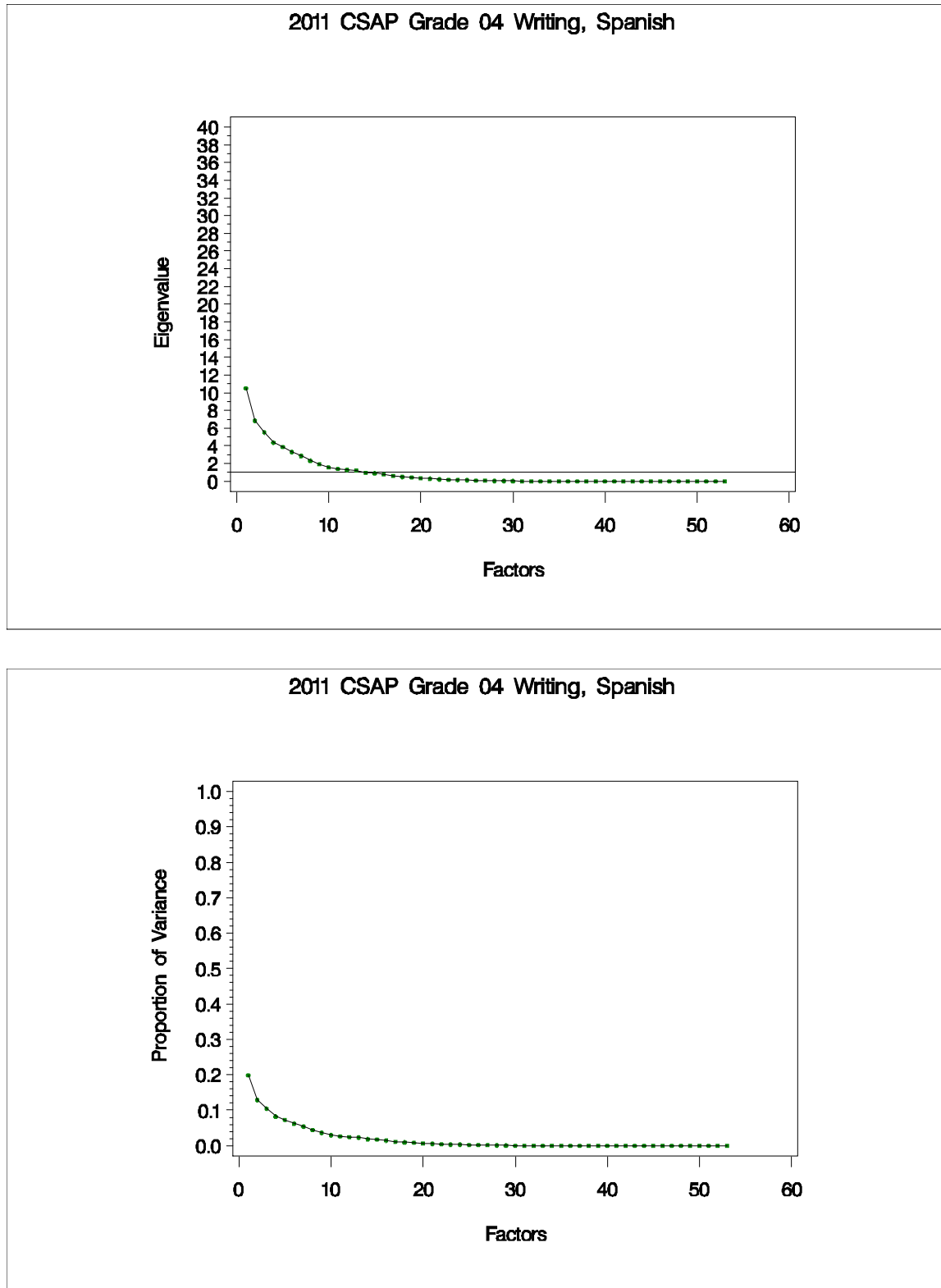
**Figure 71. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 3 Writing**

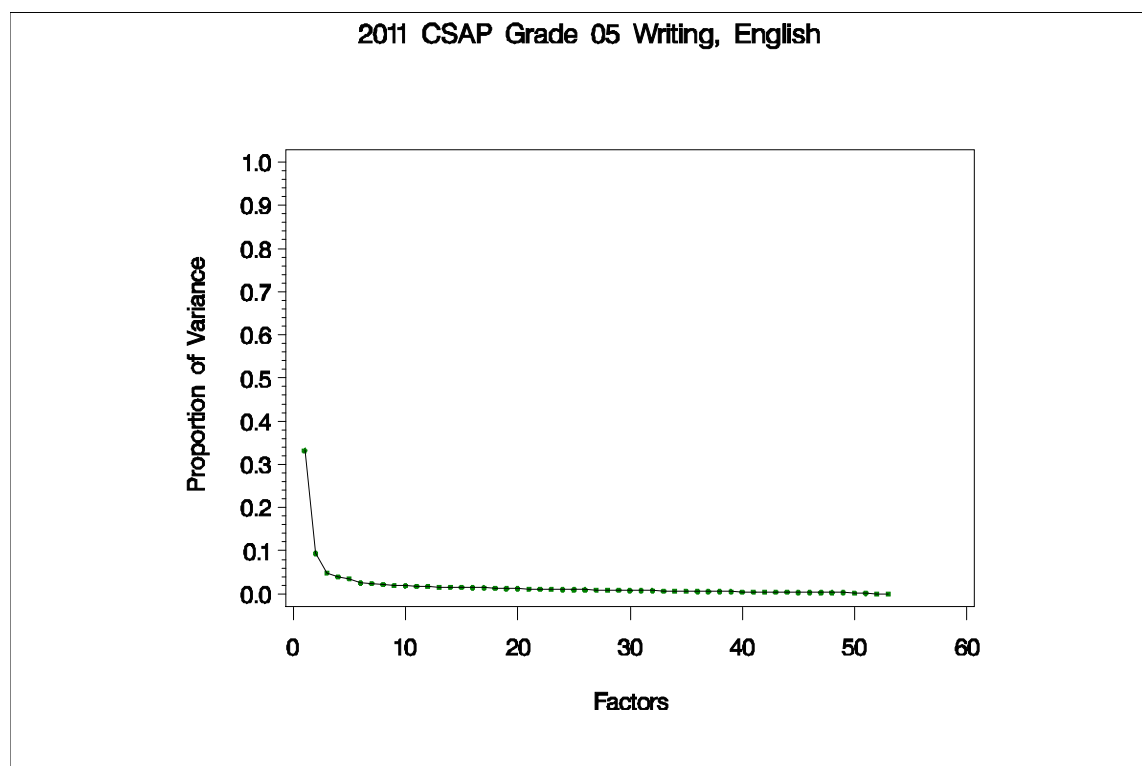
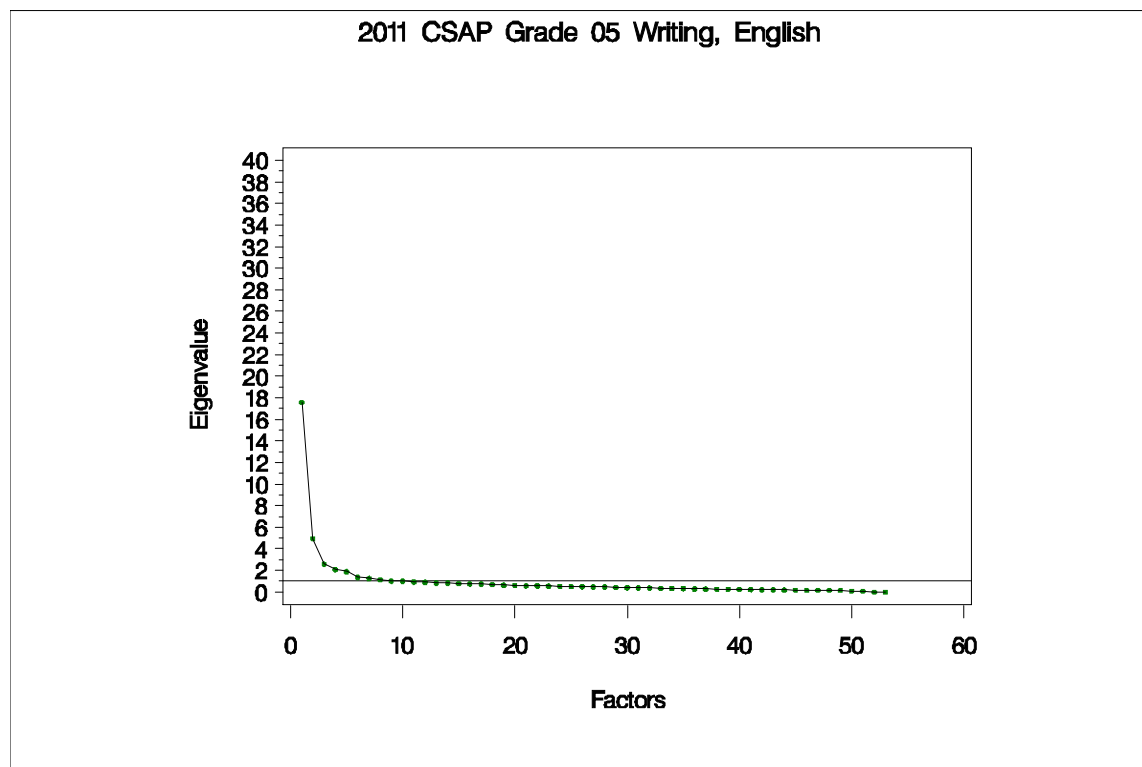


**Figure 72. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 3 Writing (Spanish)**

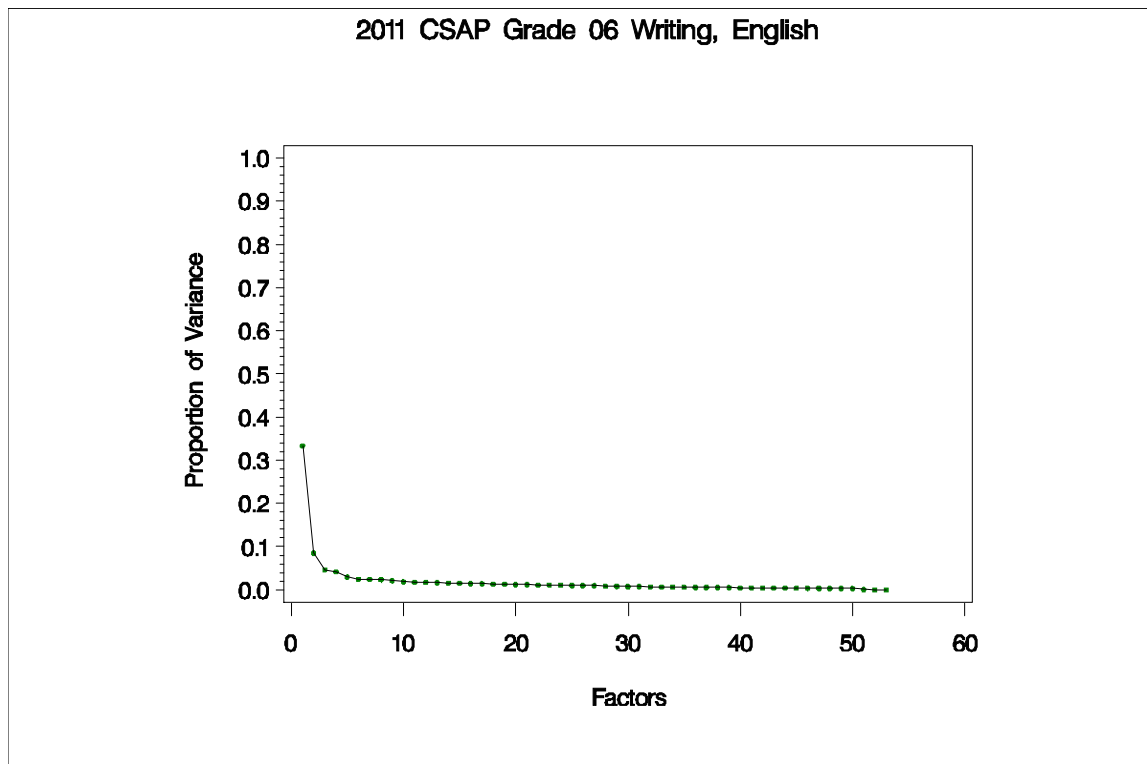
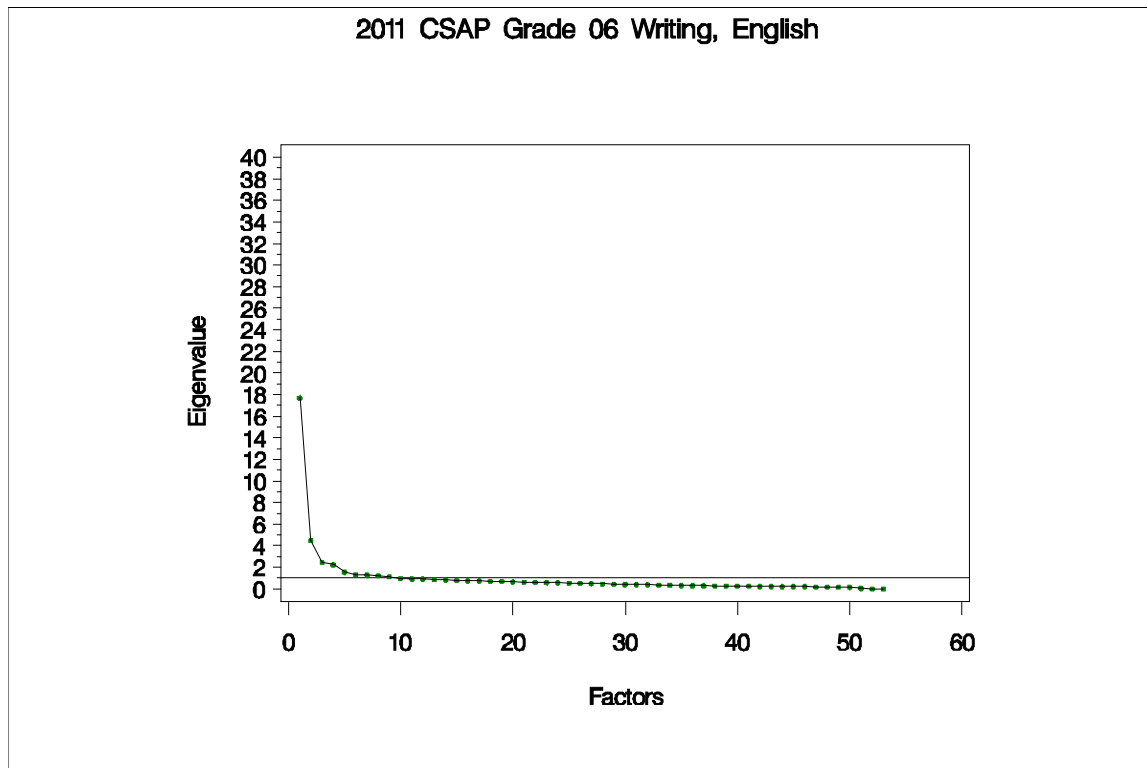
**Figure 73. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 4 Writing**

**Figure 74. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 4 Writing (Spanish)**

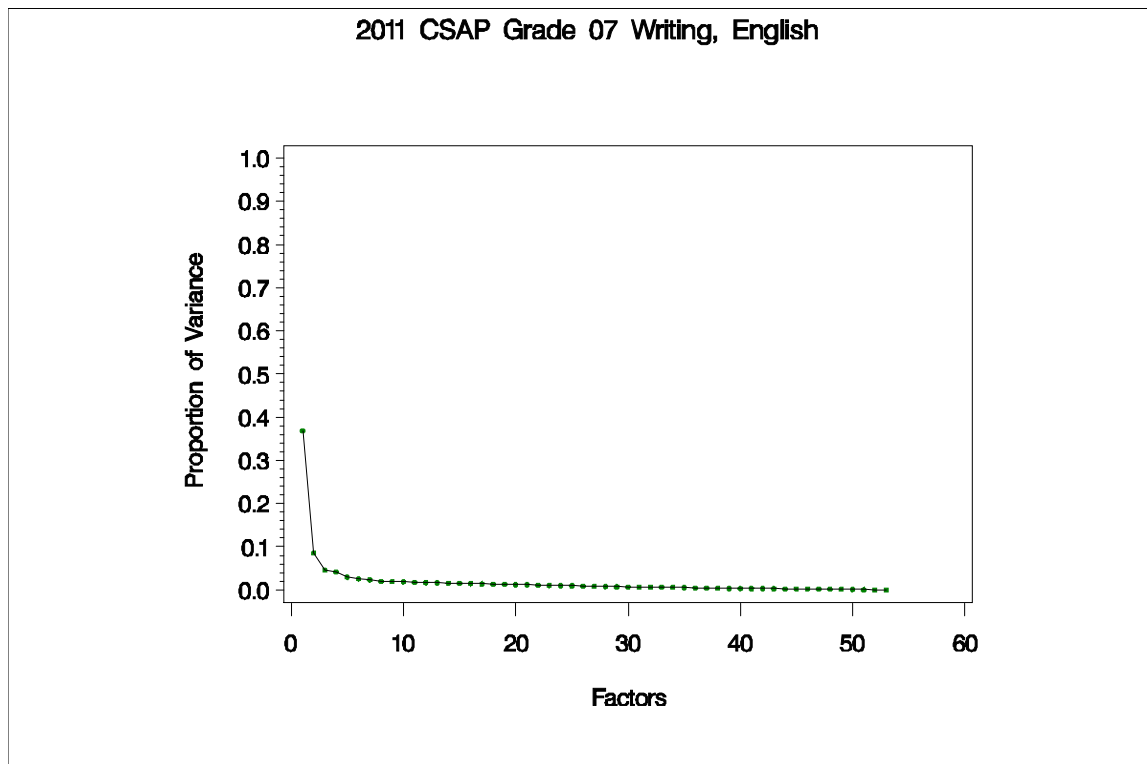
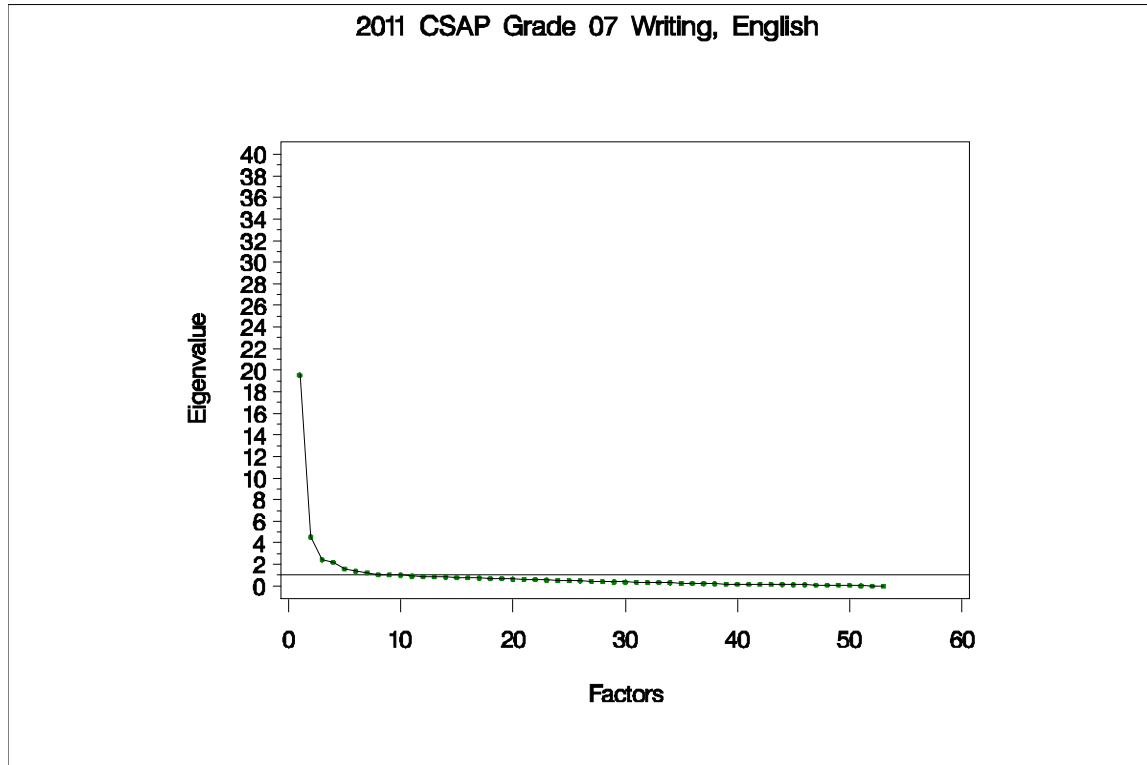


**Figure 75. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 5 Writing**

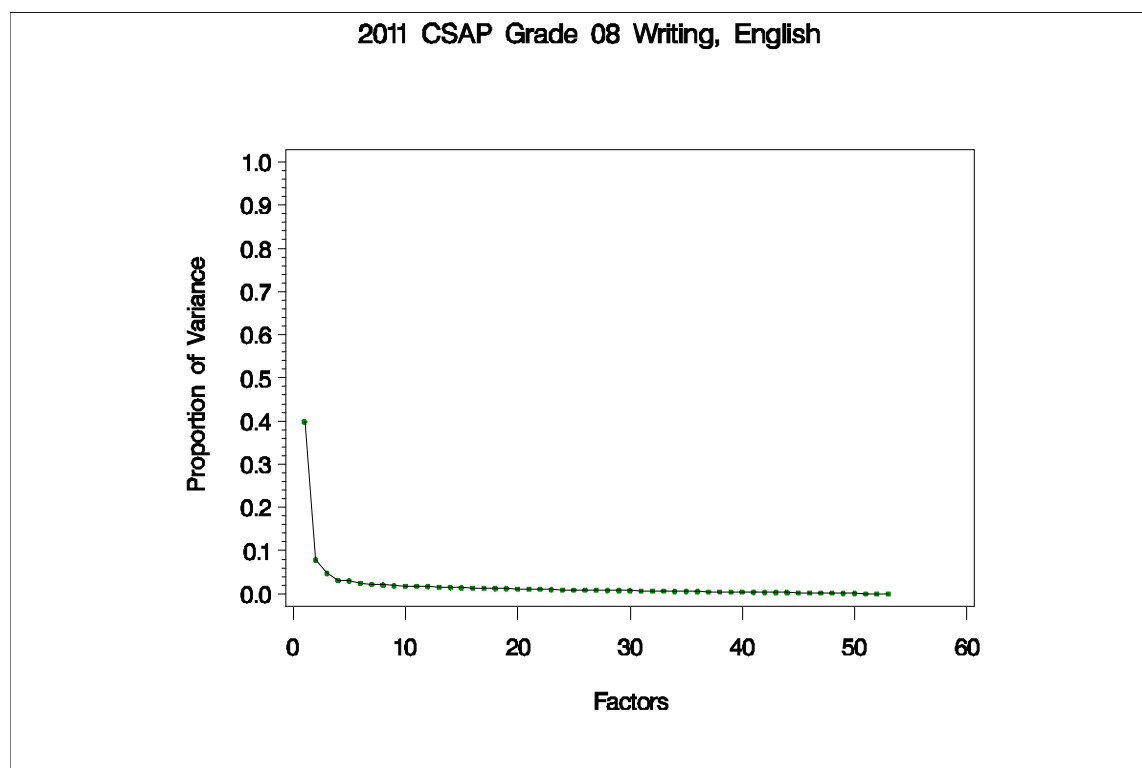
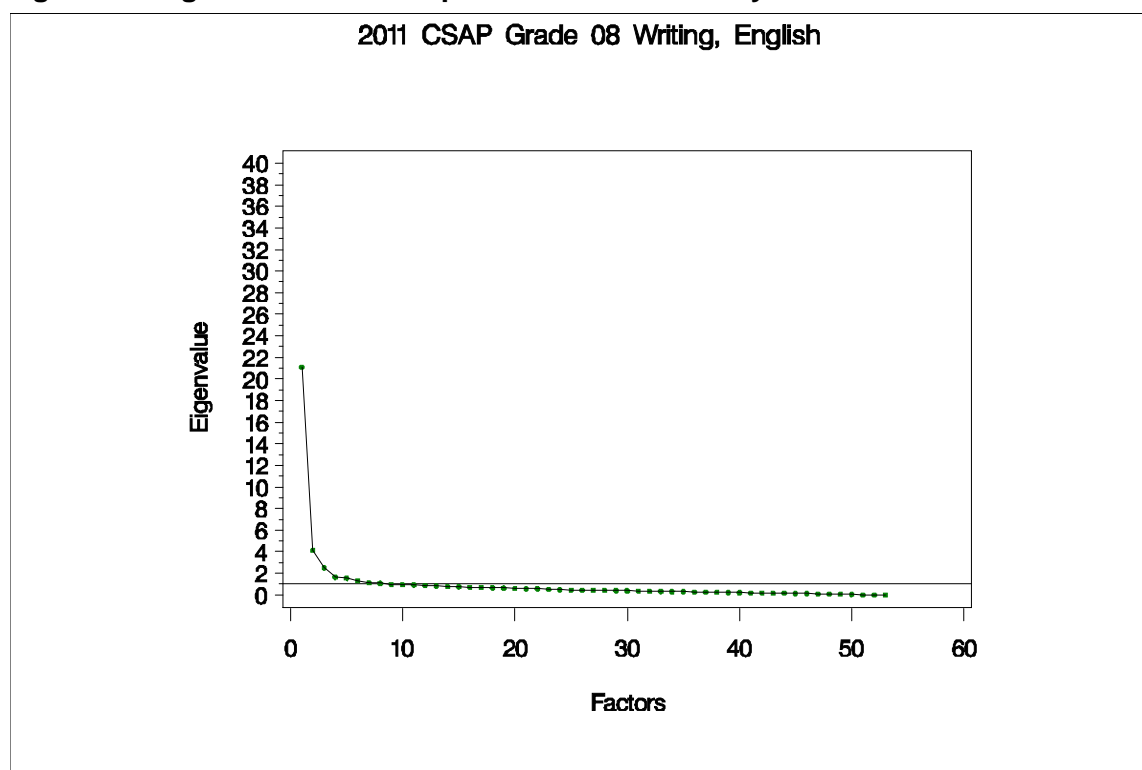
**Figure 76. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 6 Writing**

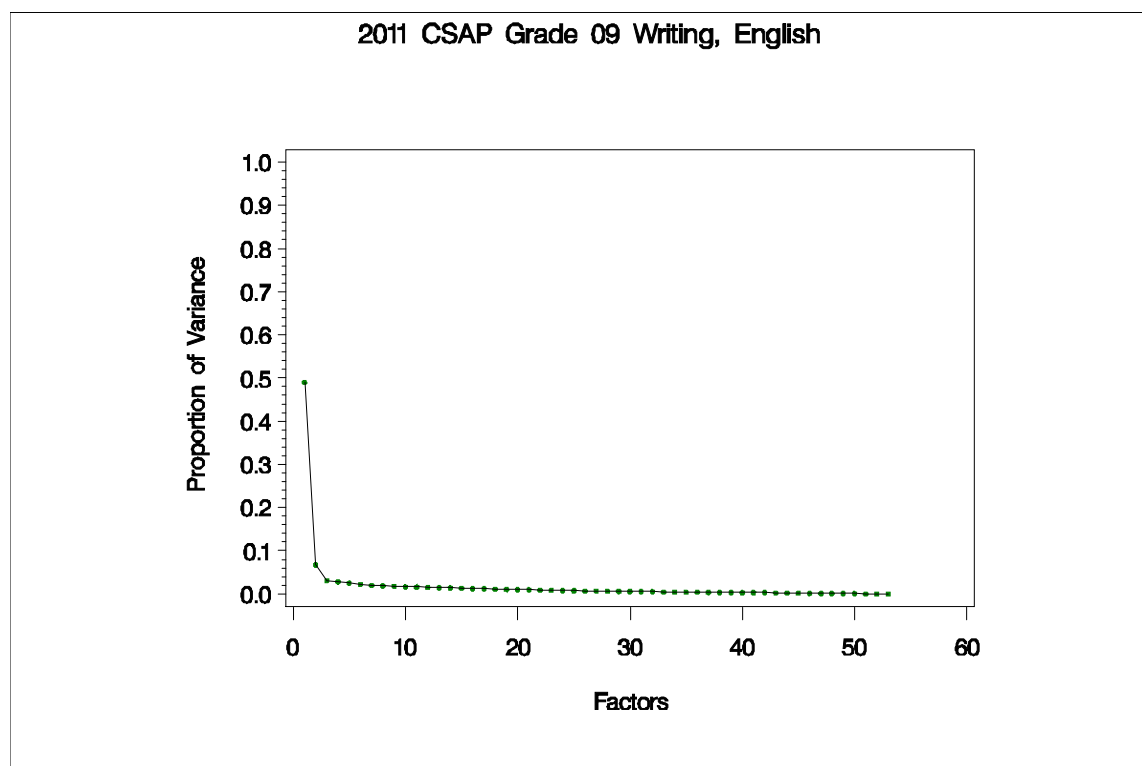
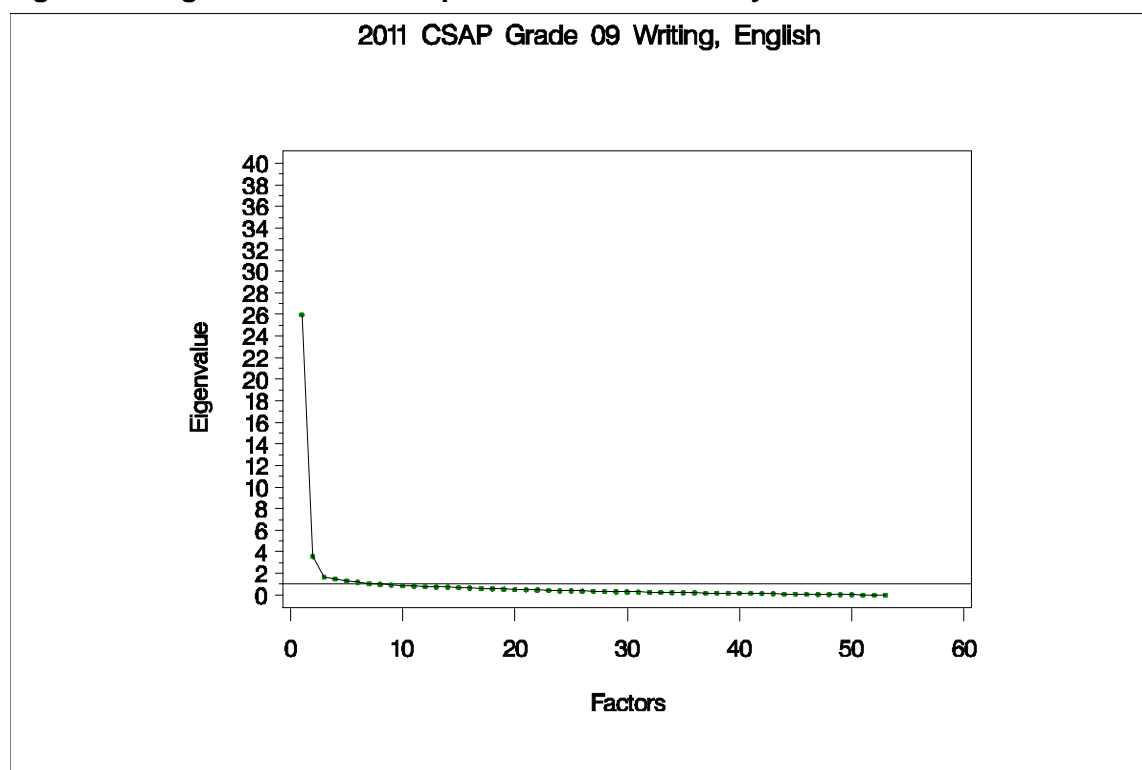


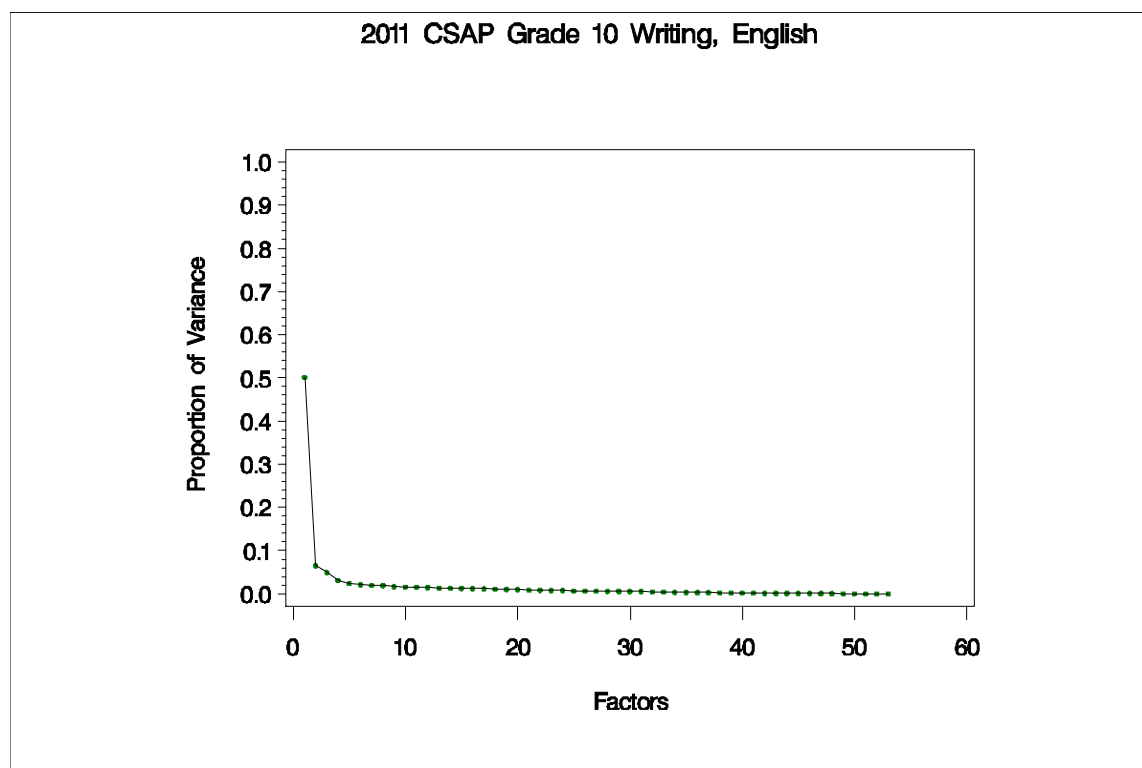
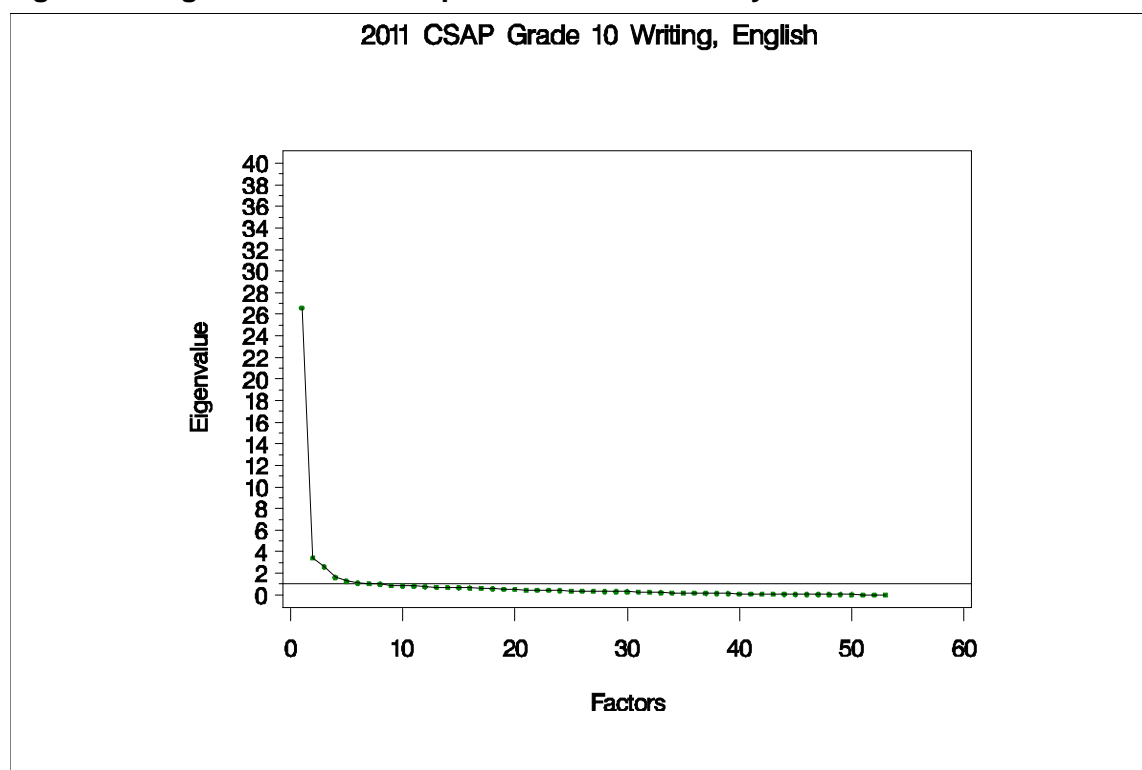
**Figure 77. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 7 Writing**



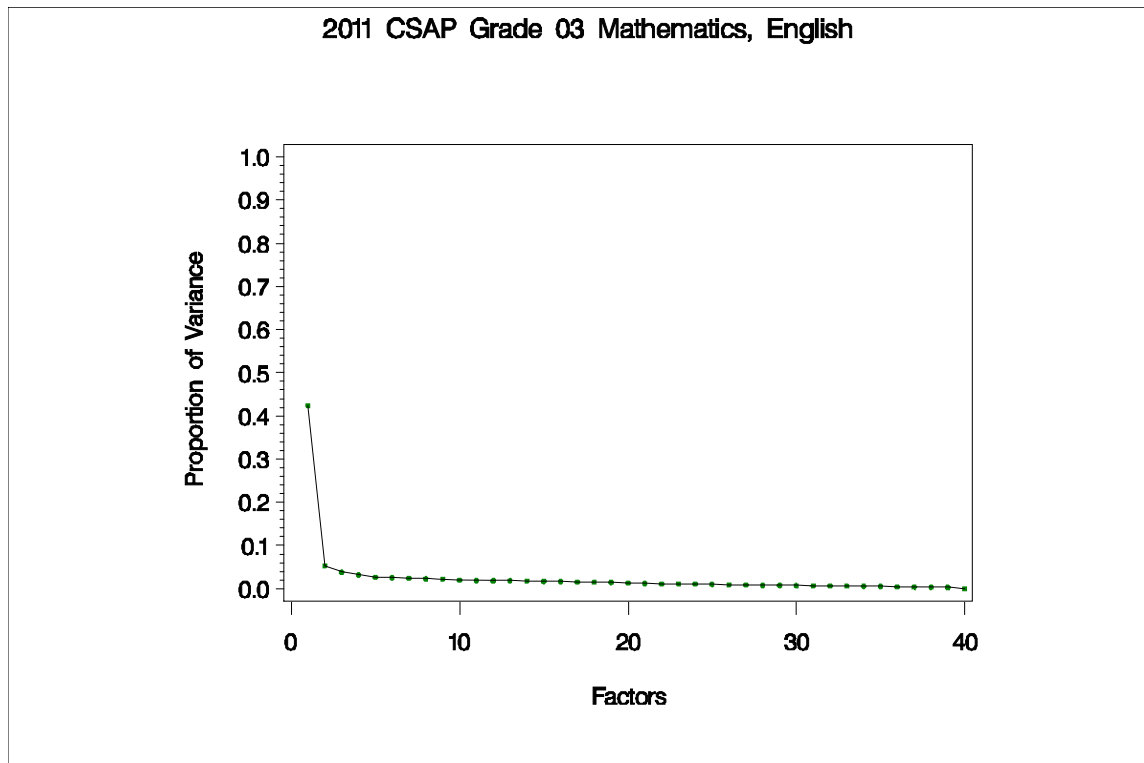
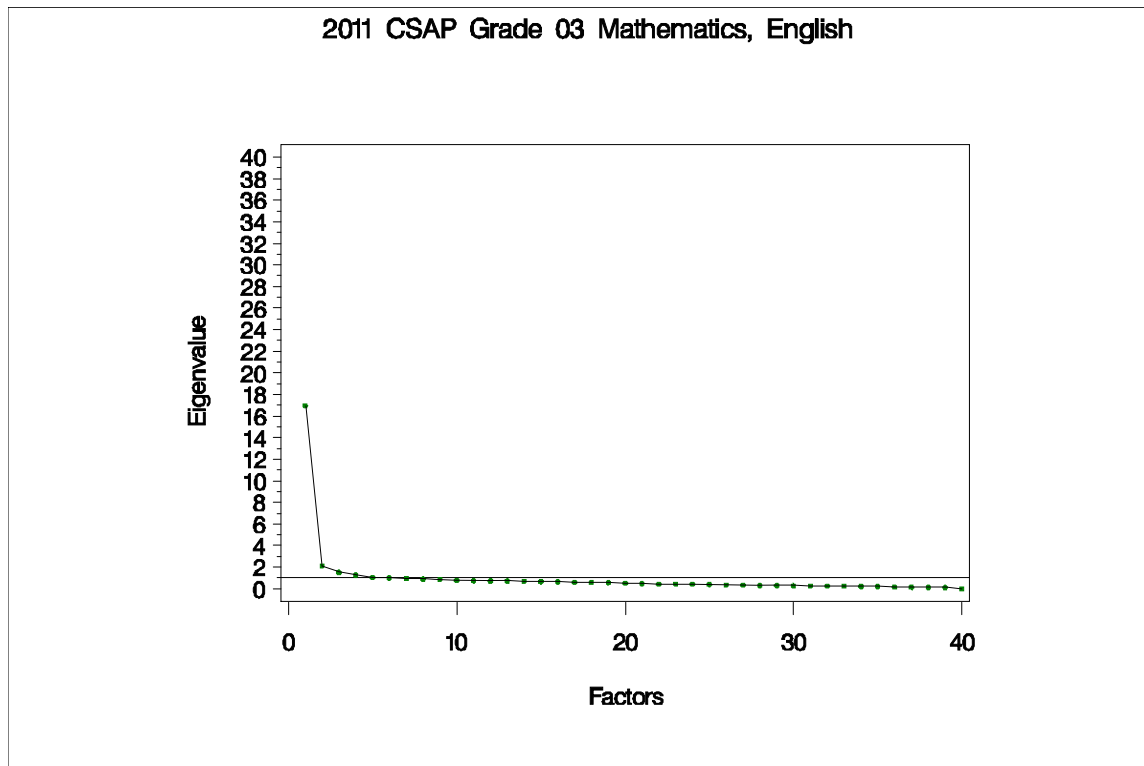


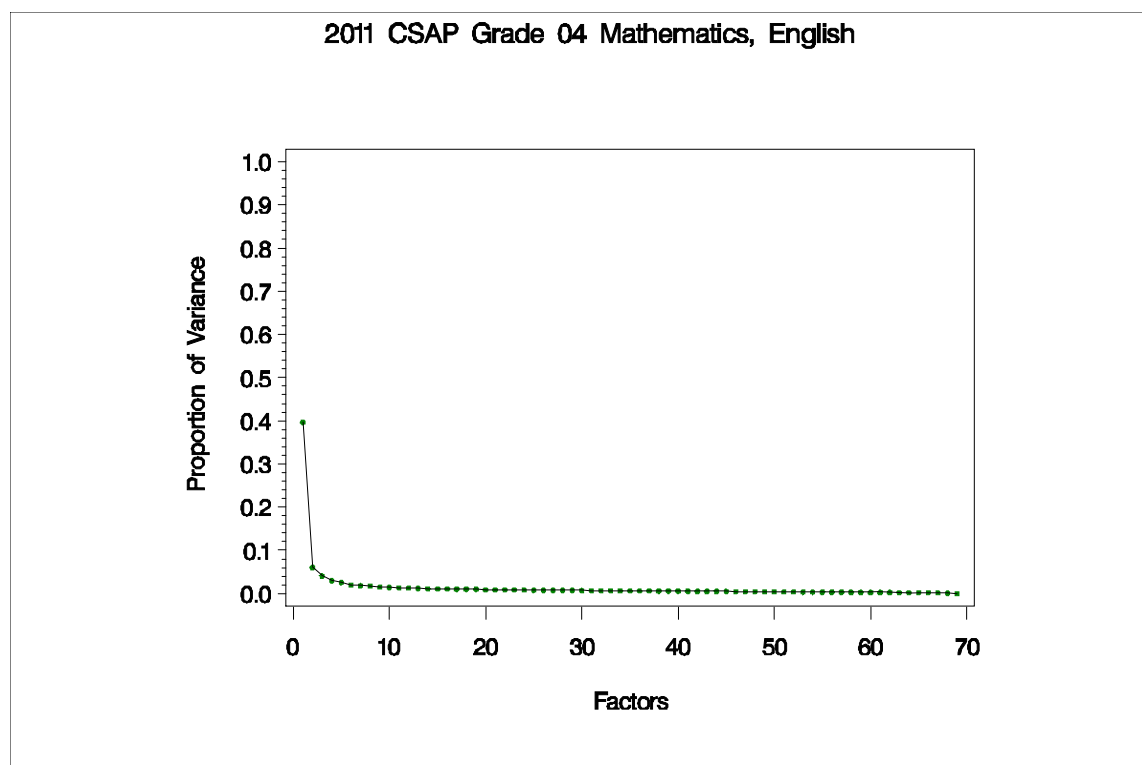
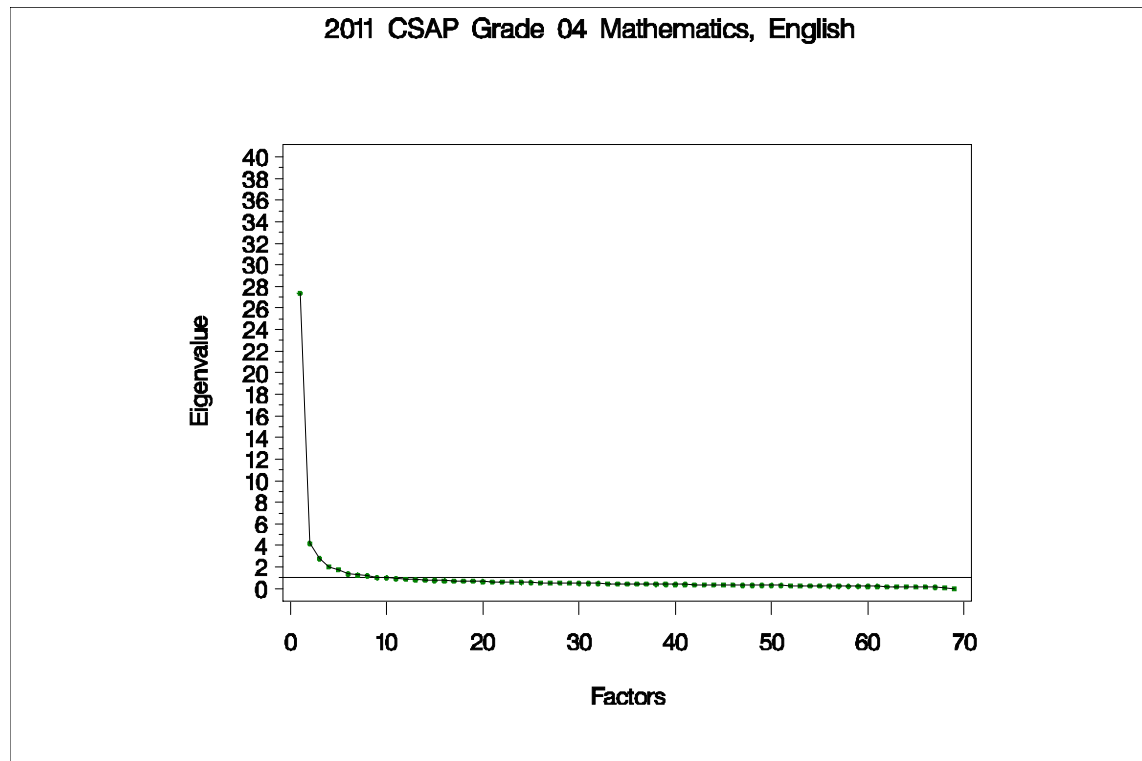
**Figure 78. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 8 Writing**

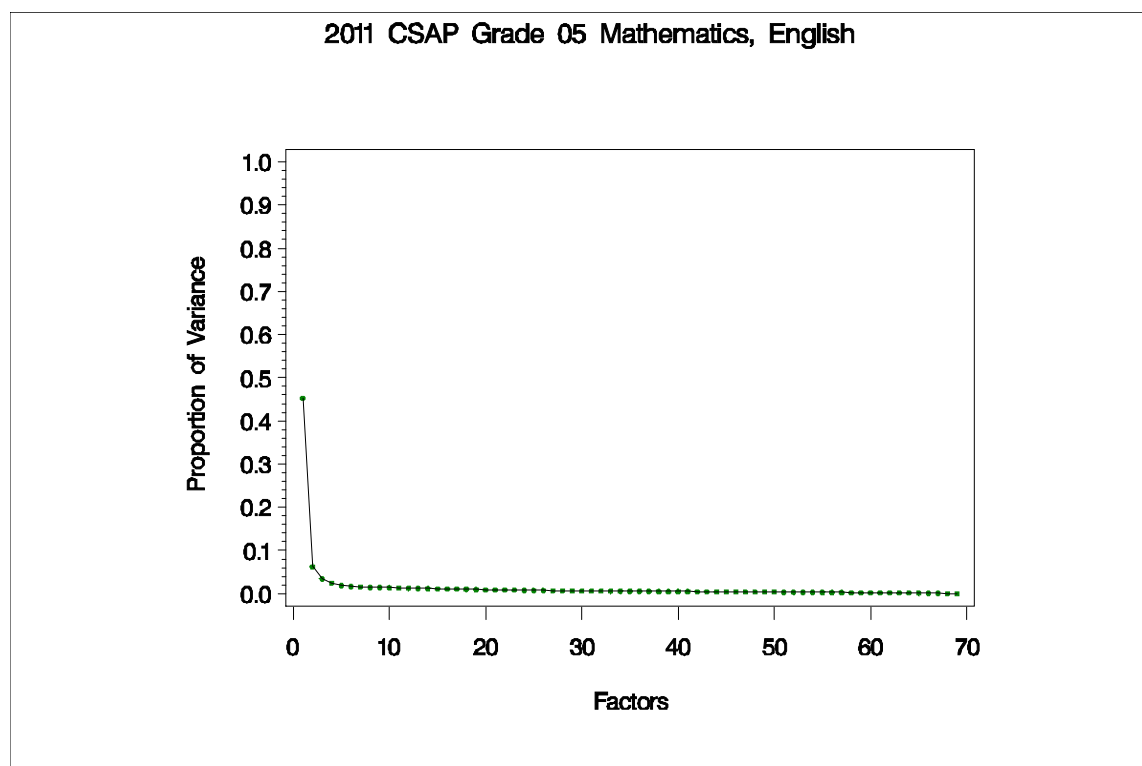
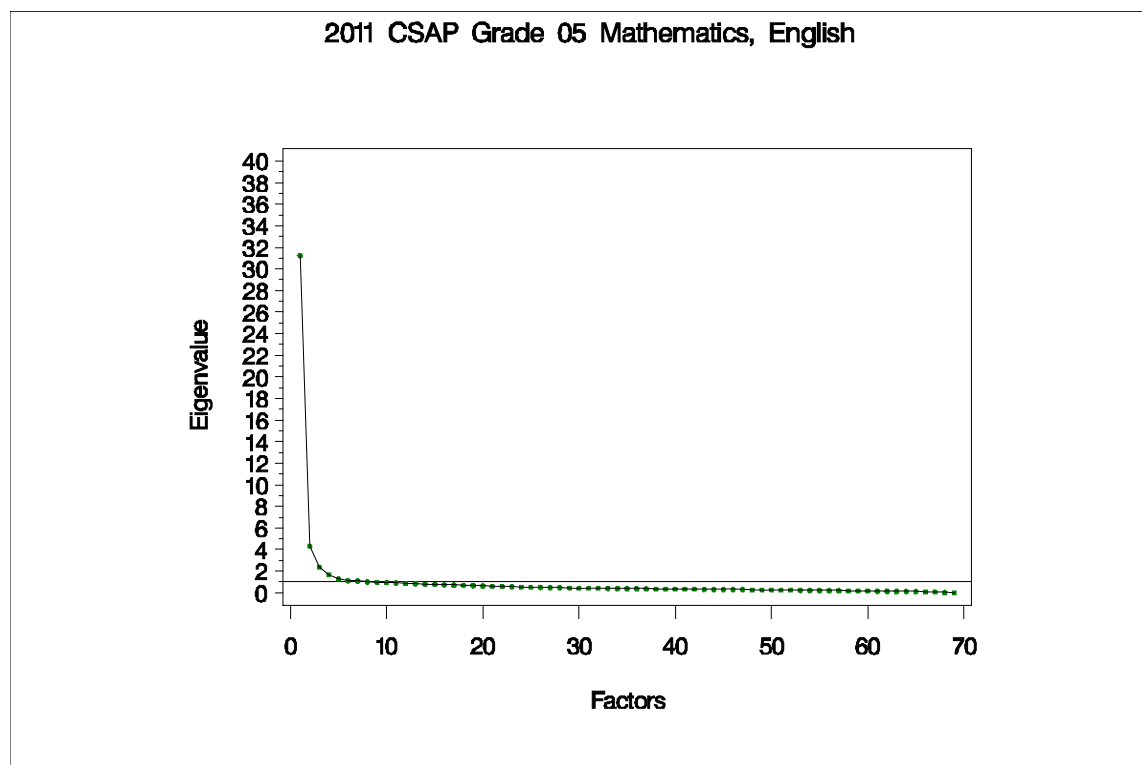
**Figure 79. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 9 Writing**

**Figure 80. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 10 Writing**

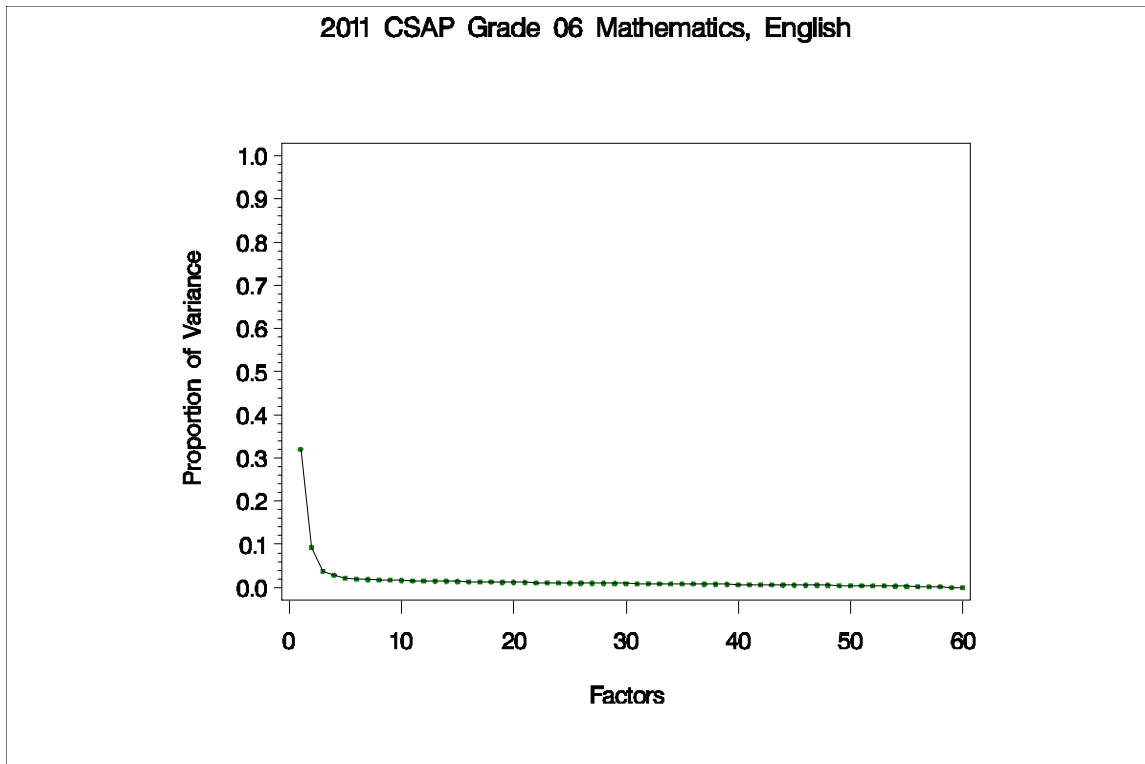
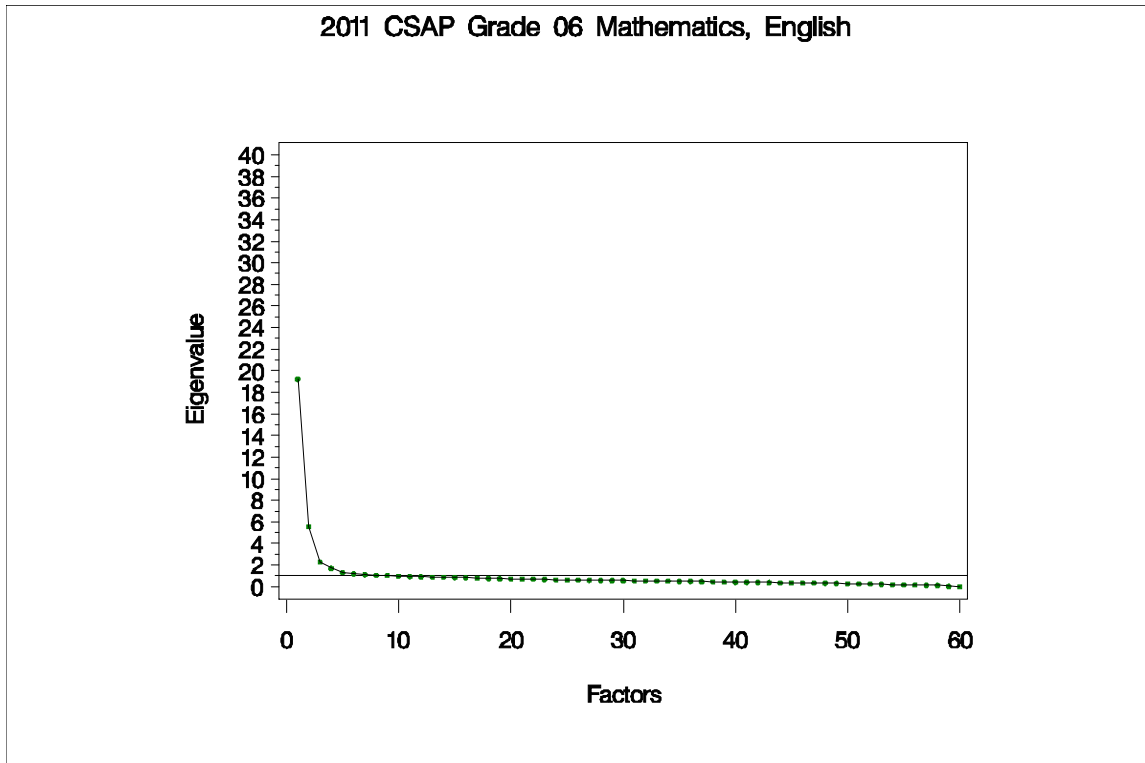
**Figure 81. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 3 Mathematics**



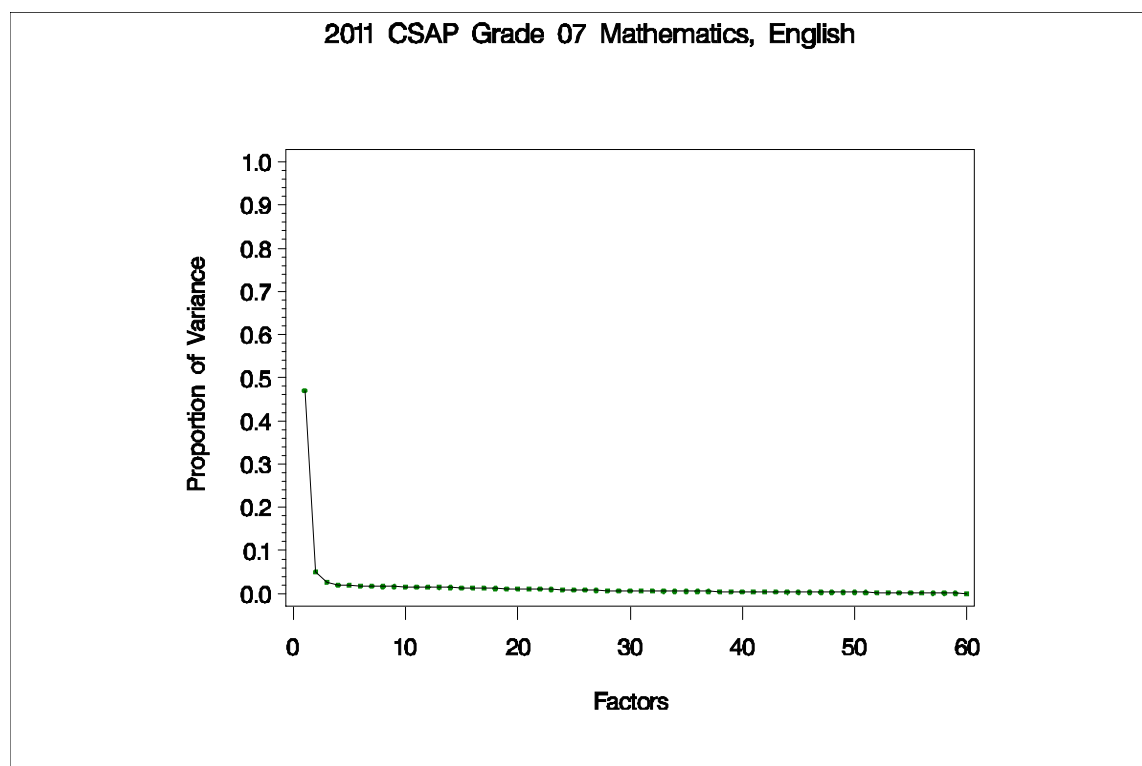
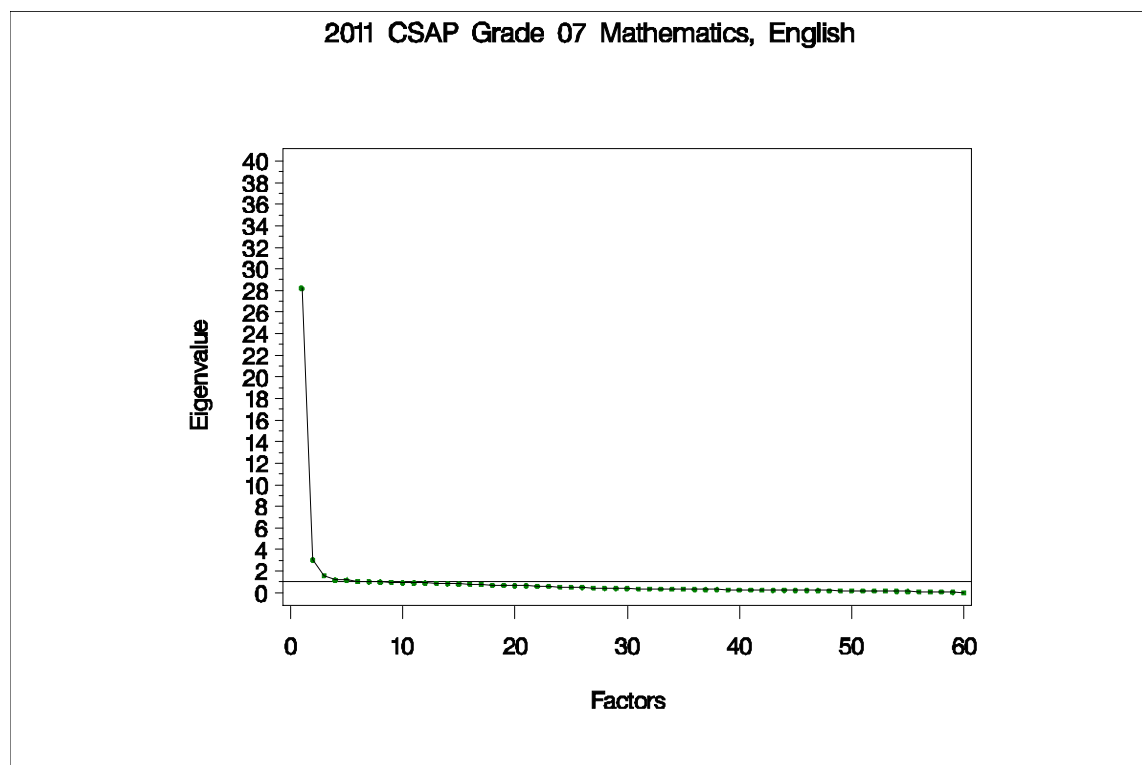
**Figure 82. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 4 Mathematics**

**Figure 83. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 5 Mathematics**

**Figure 84. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 6 Mathematics**

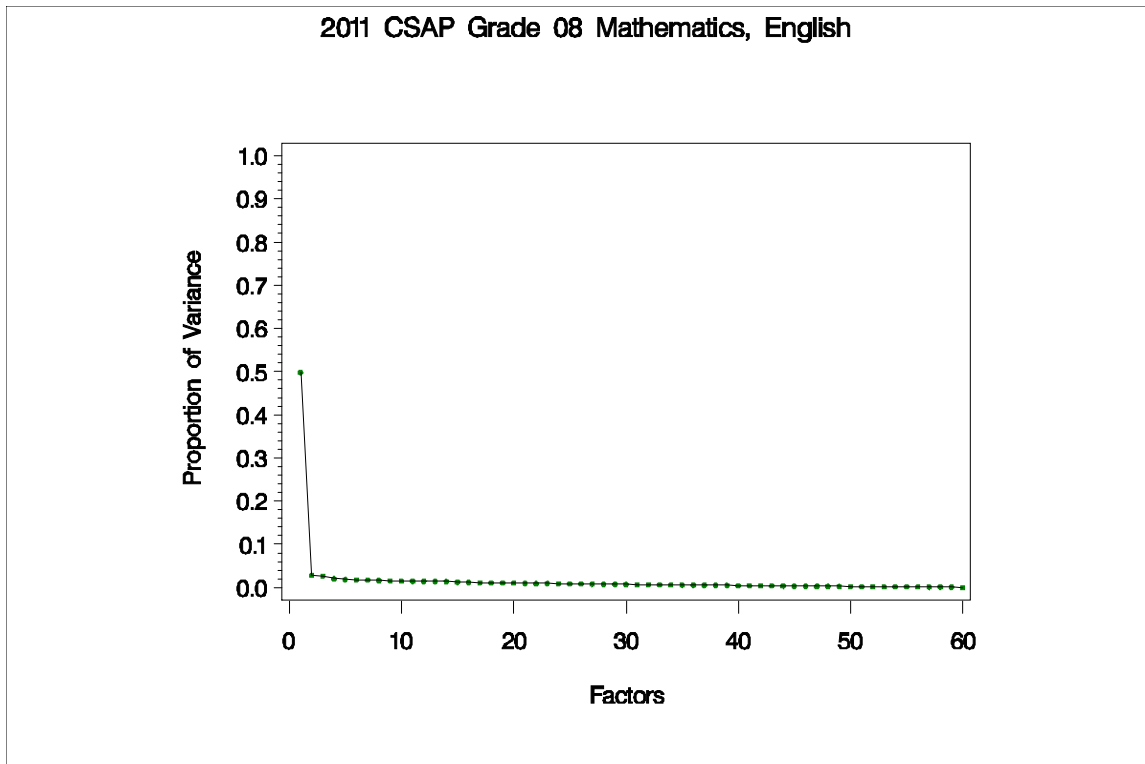
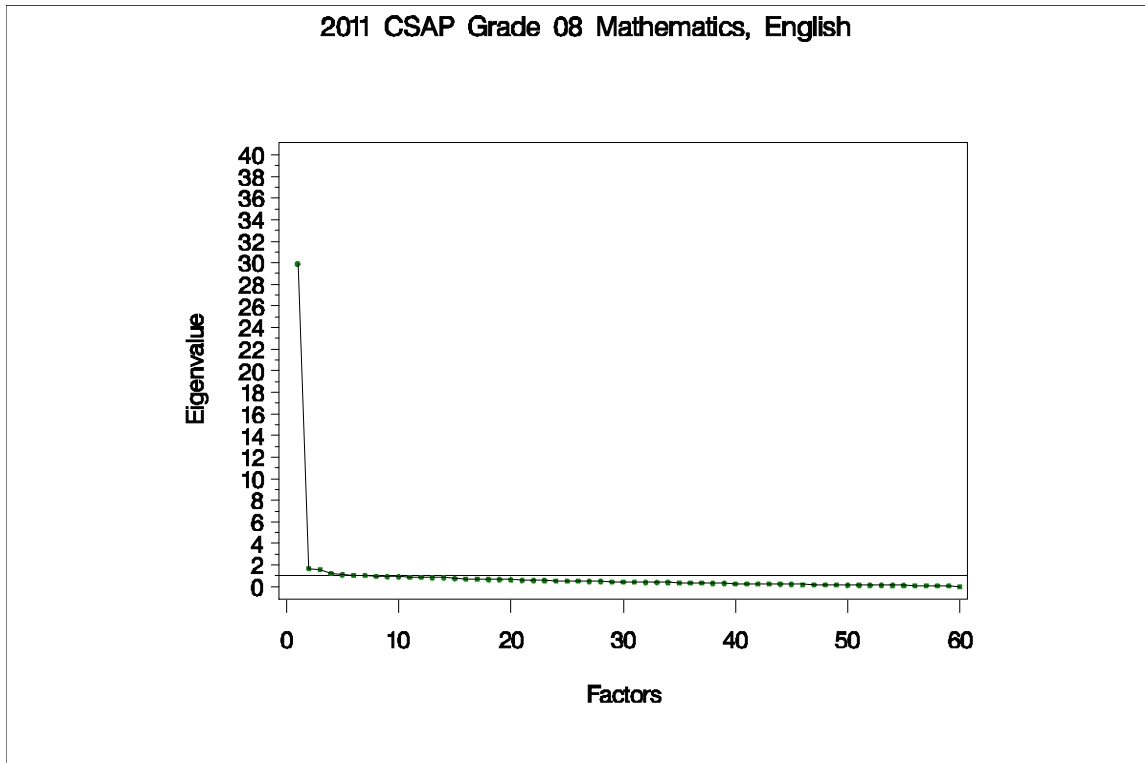


**Figure 85. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 7 Mathematics**

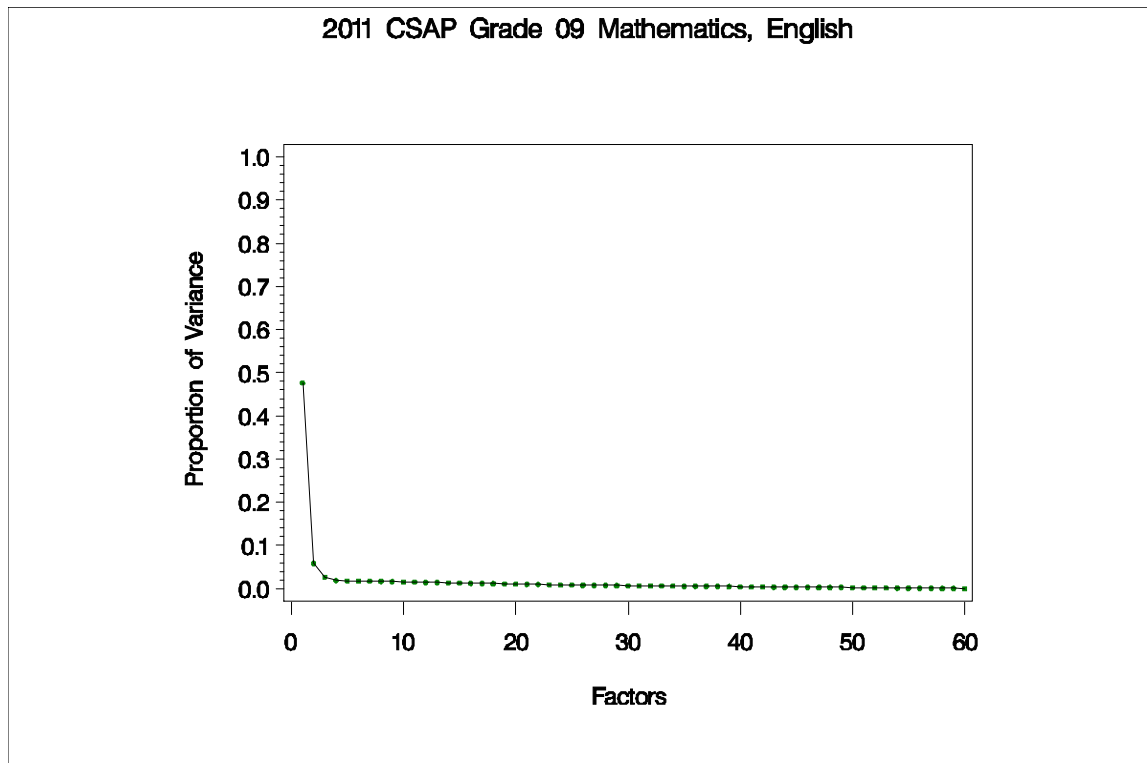
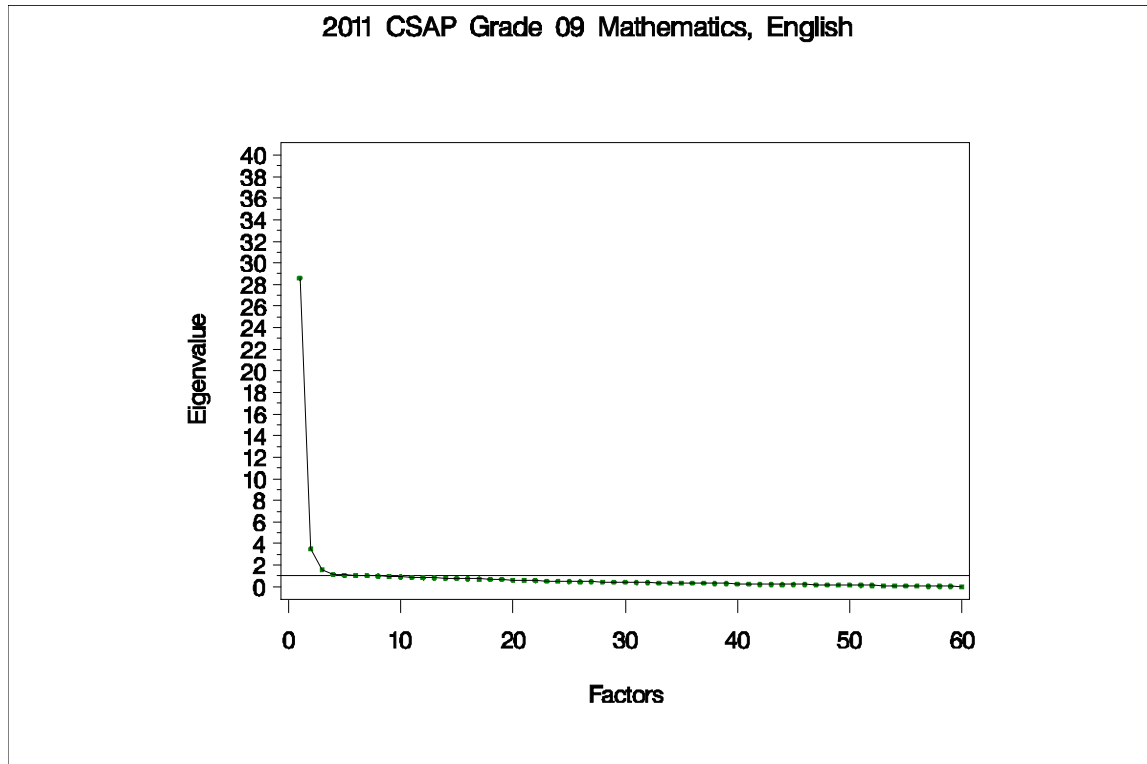


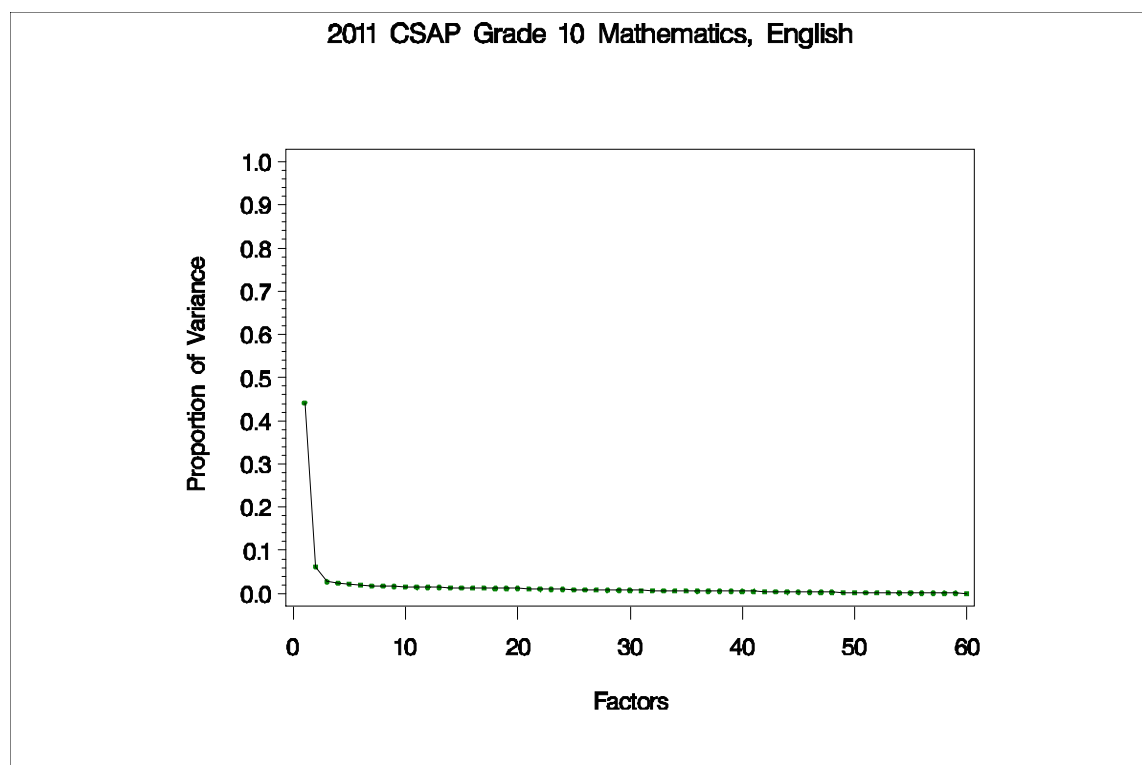
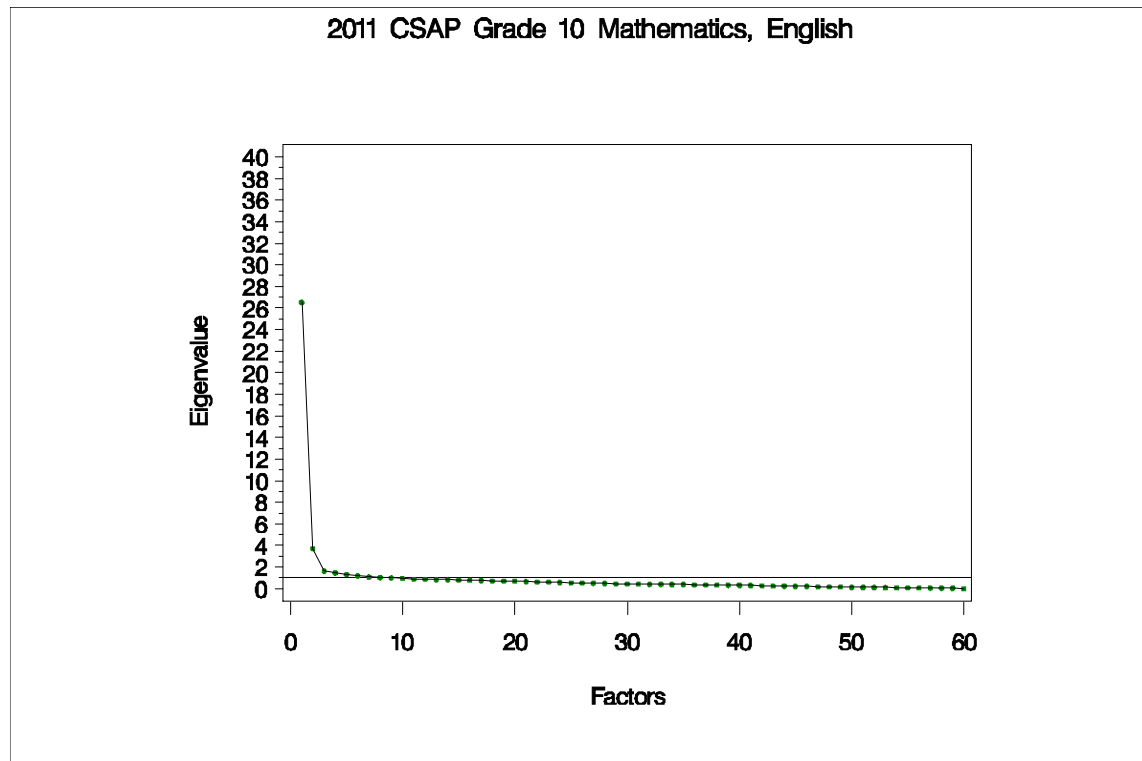


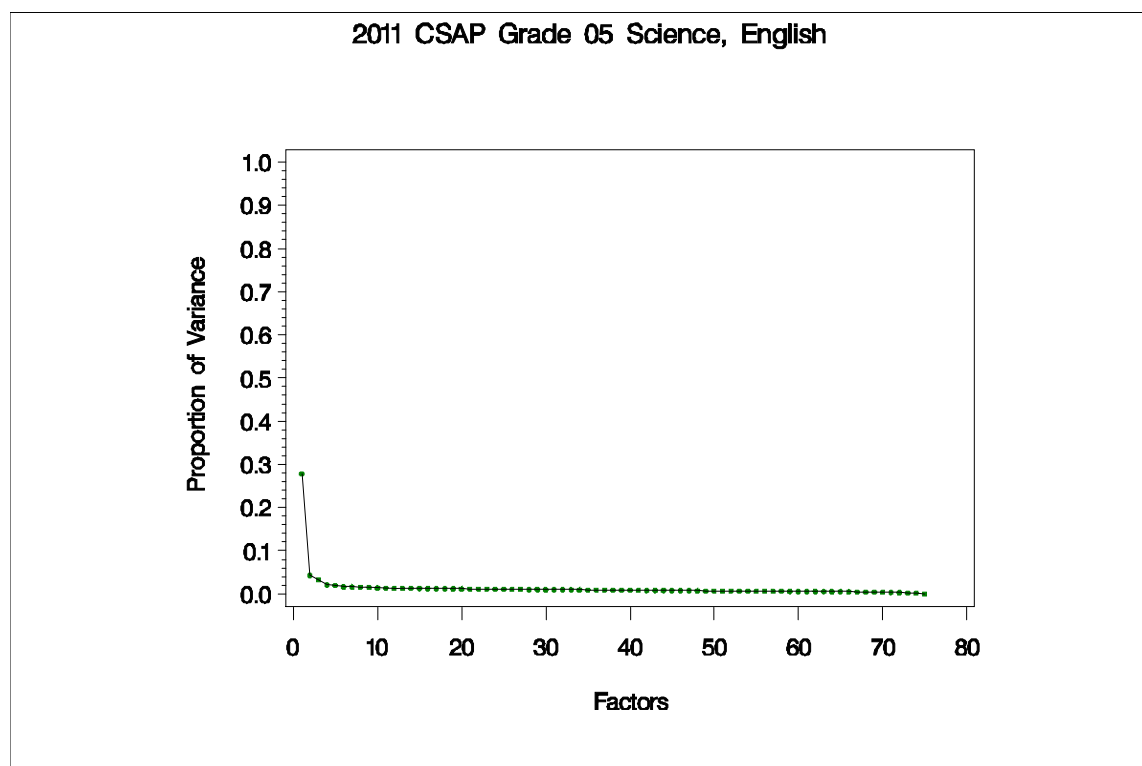
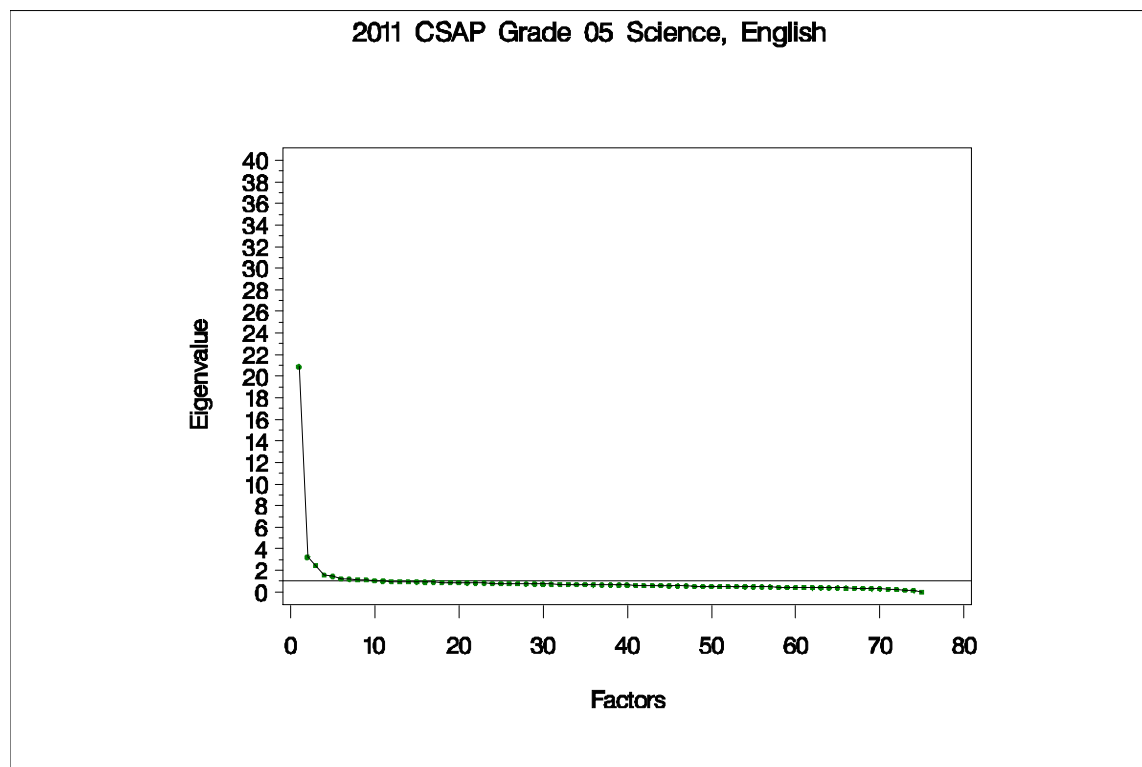
**Figure 86. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 8 Mathematics**

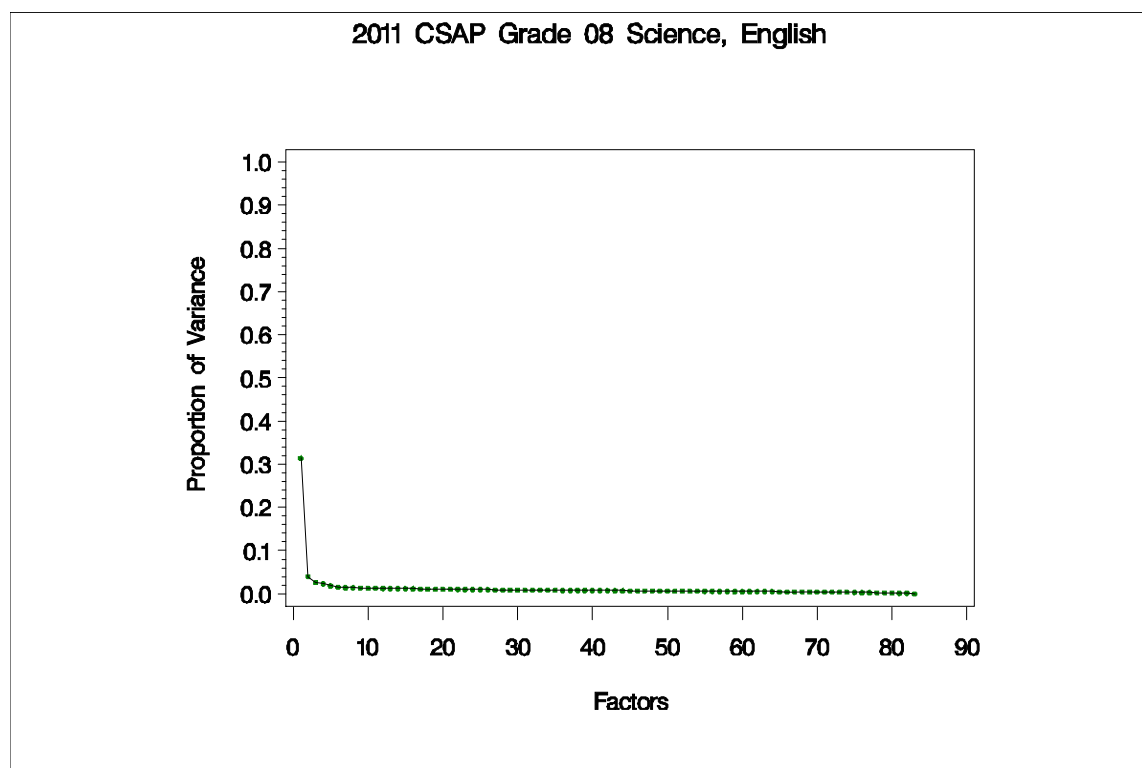
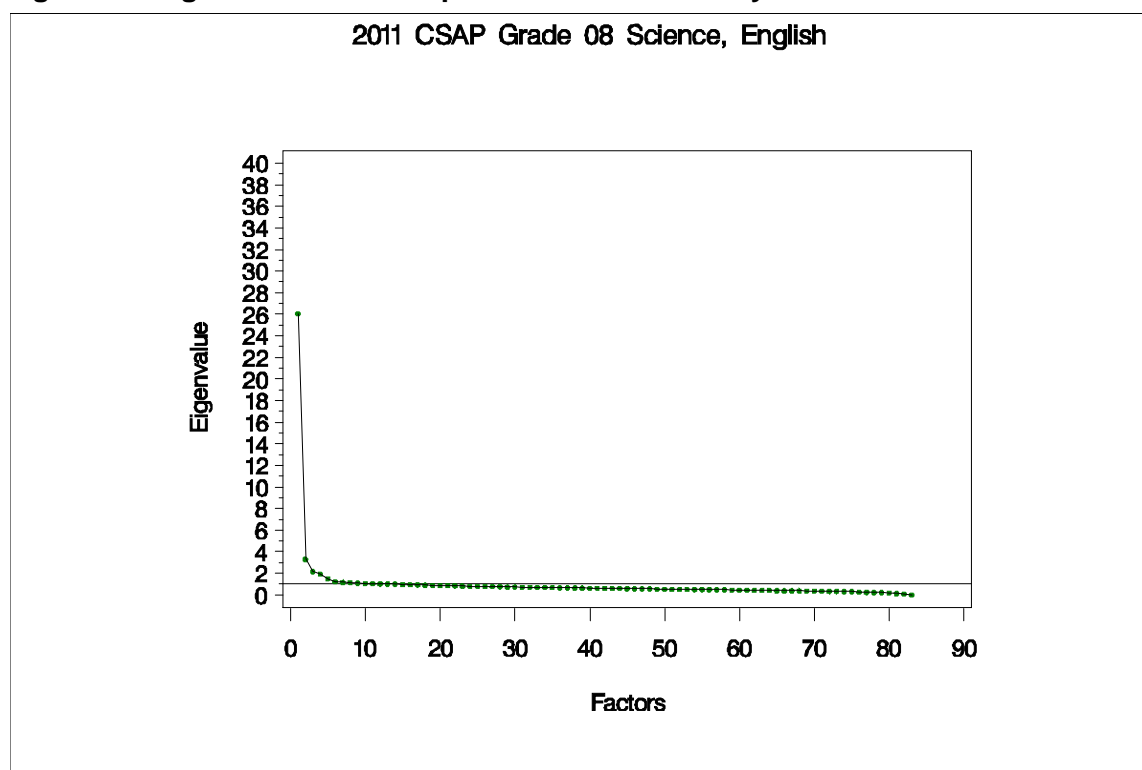


**Figure 87. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 9 Mathematics**

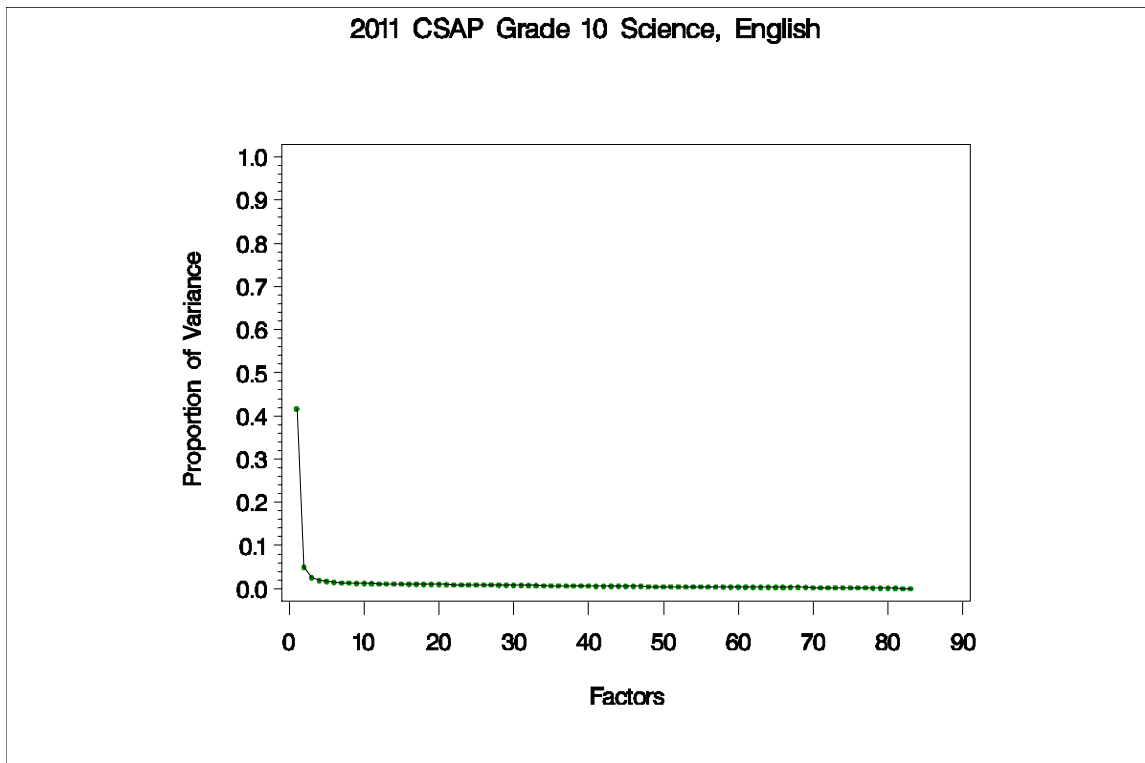
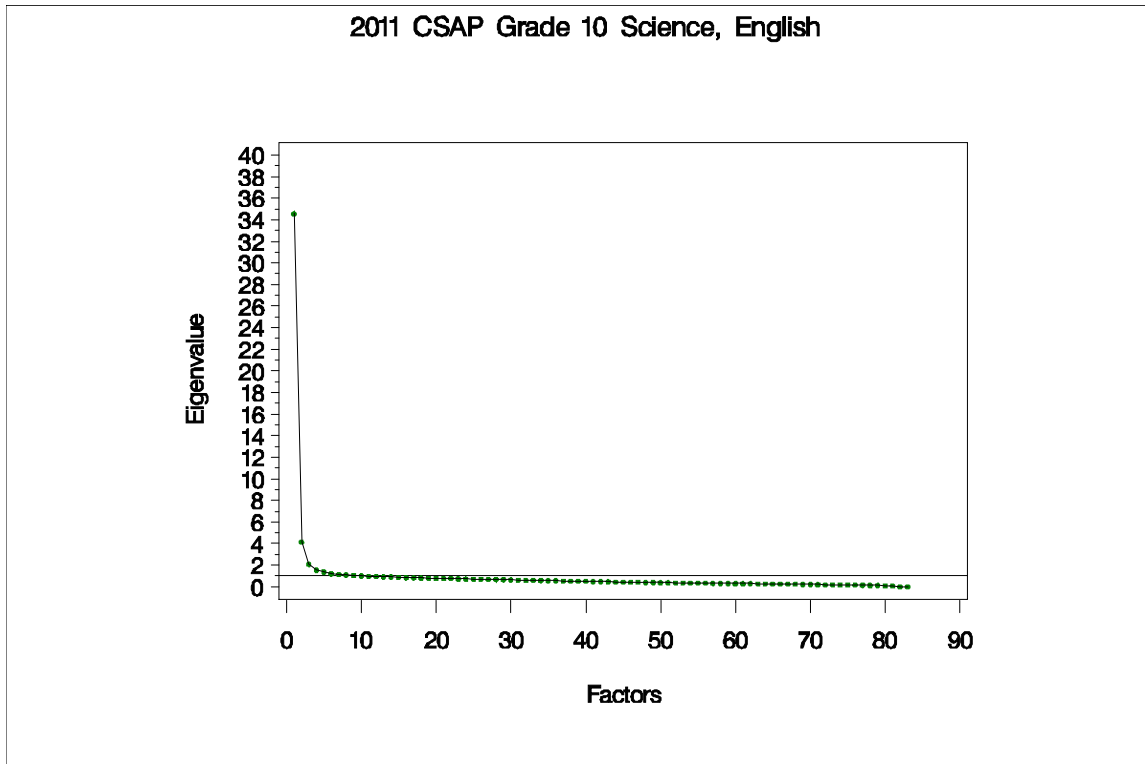


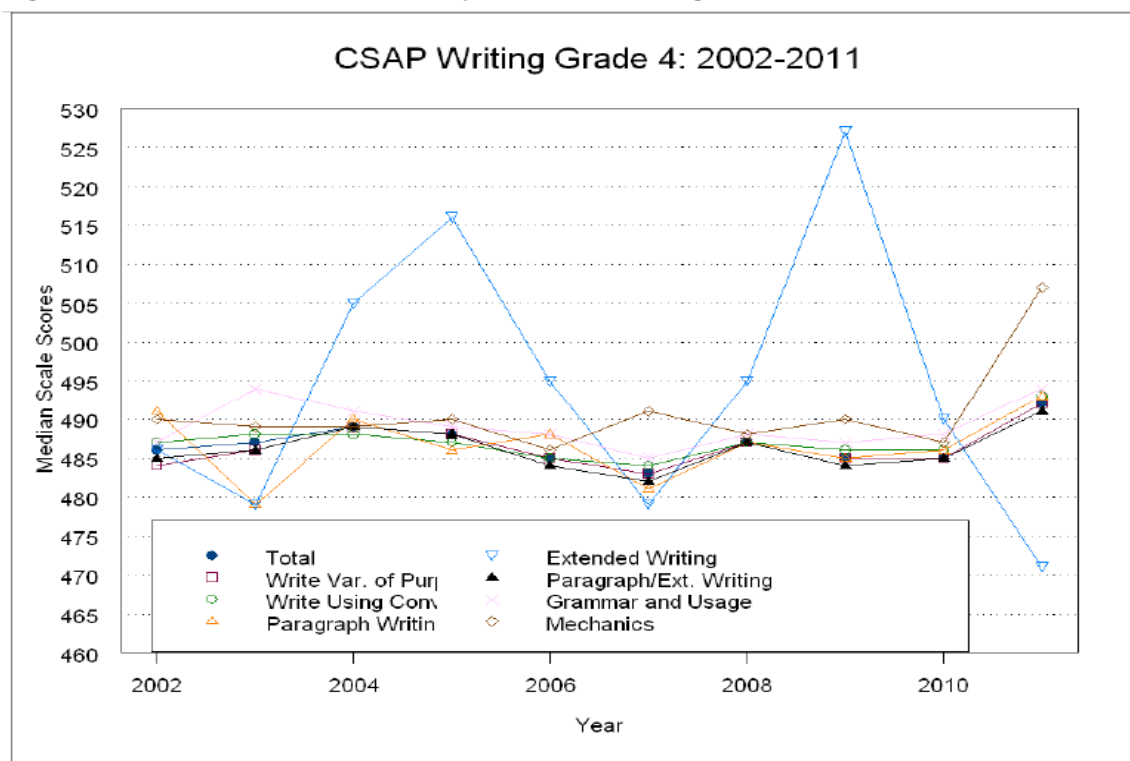
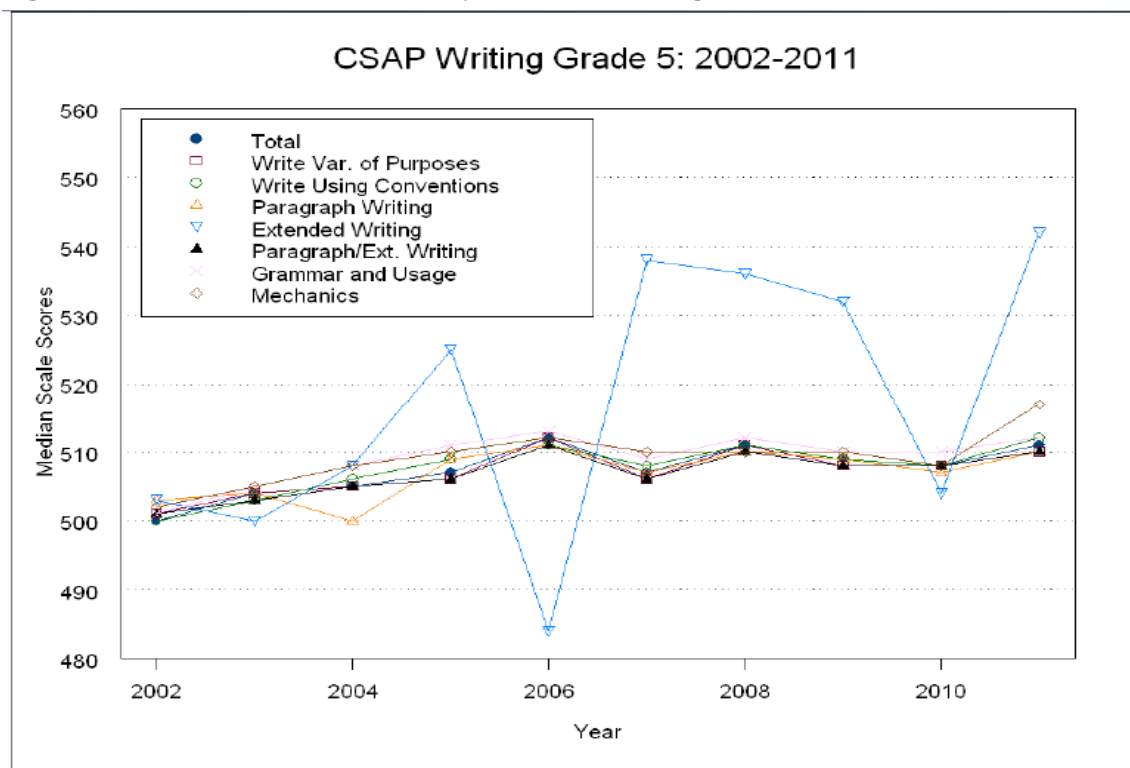
**Figure 88. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 10 Mathematics**

**Figure 89. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 5 Science**

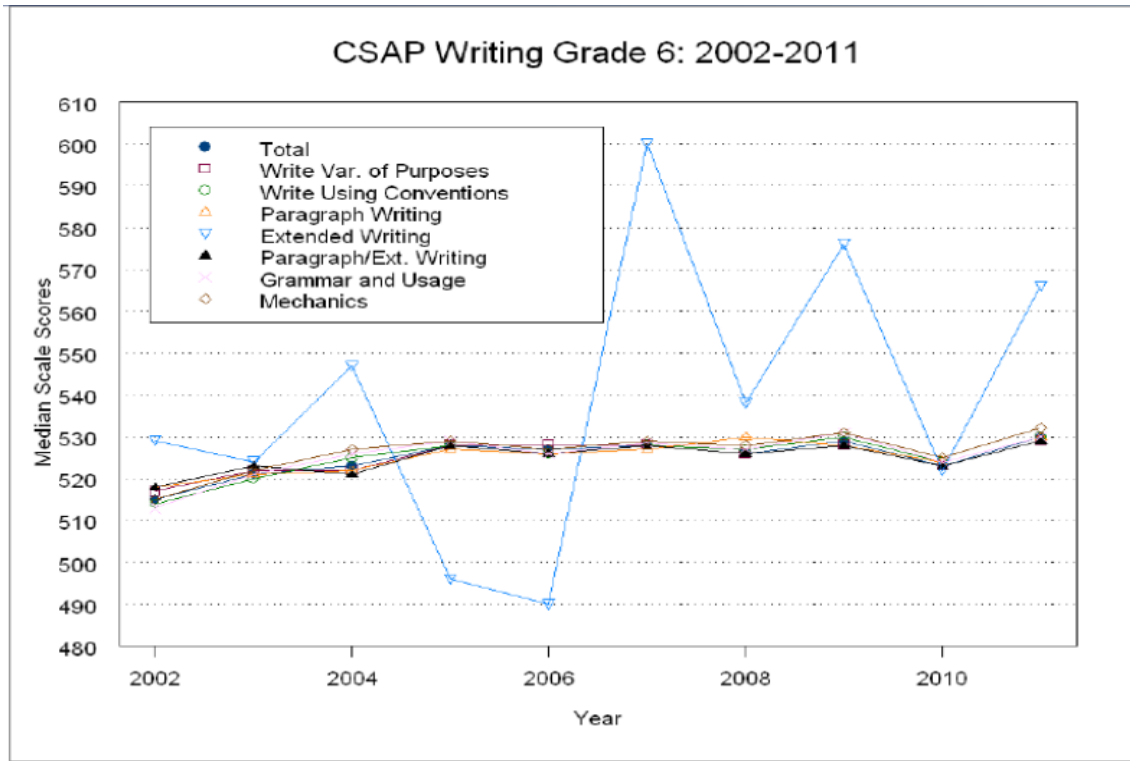
**Figure 90. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 8 Science**

**Figure 91. Eigenvalues and Proportions of Variance by Factor for CSAP Grade 10 Science**

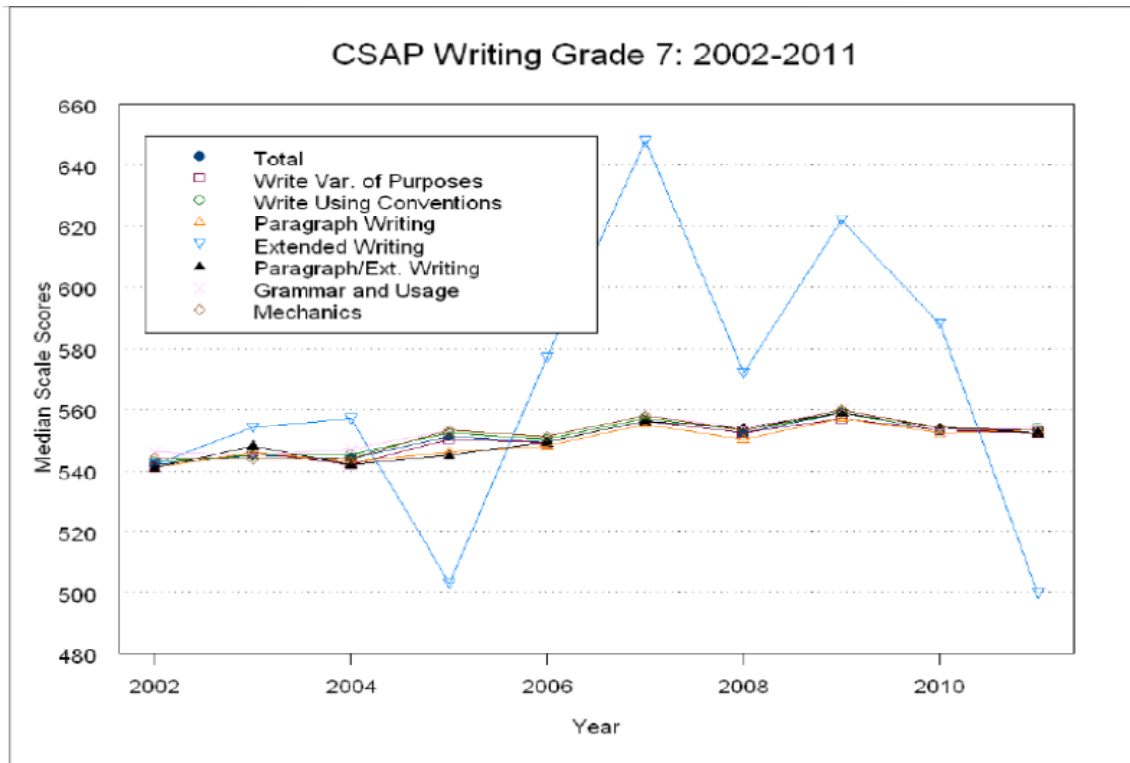


**Figure 92. Median Scale Scores by Year for Writing Subcontent Areas: Grade 4****Figure 93. Median Scale Scores by Year for Writing Subcontent Areas: Grade 5**

**Figure 94. Median Scale Scores by Year for Writing Subcontent Areas: Grade 6**

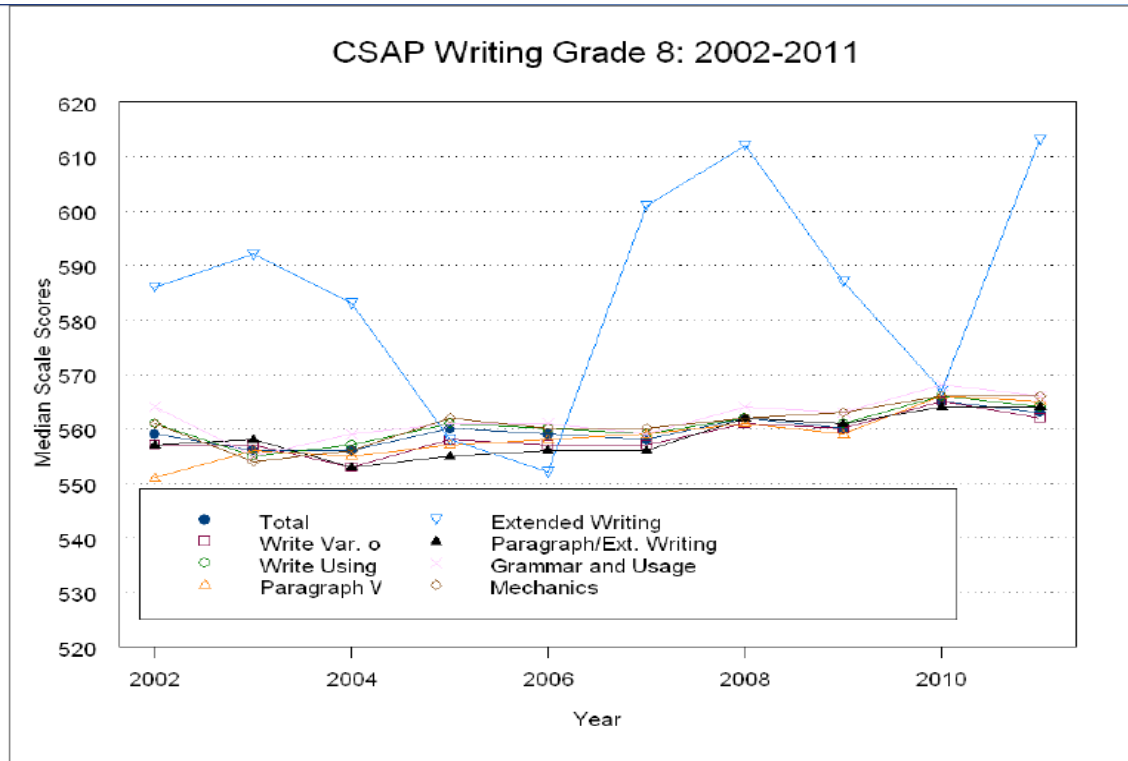


**Figure 95. Median Scale Scores by Year for Writing Subcontent Areas: Grade 7**

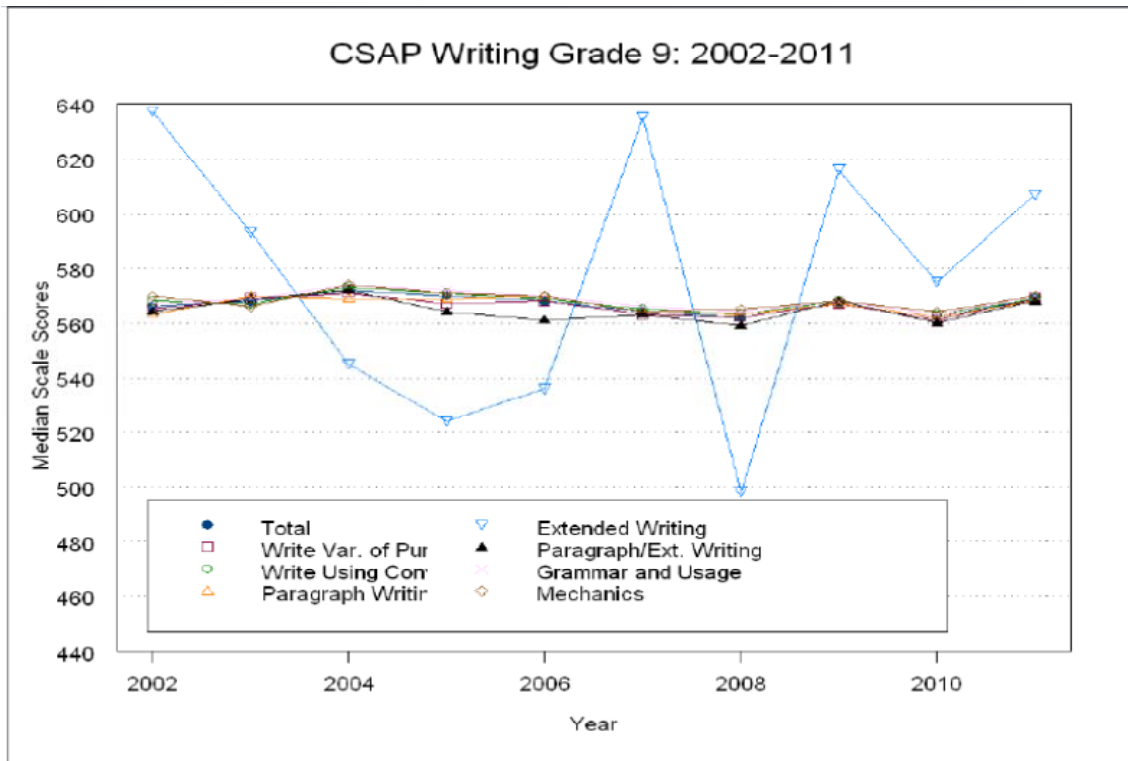




**Figure 96. Median Scale Scores by Year for Writing Subcontent Areas: Grade 8**



**Figure 97. Median Scale Scores by Year for Writing Subcontent Areas: Grade 9**



**Figure 98. Median Scale Scores by Year for Writing Subcontent Areas: Grade 10**