

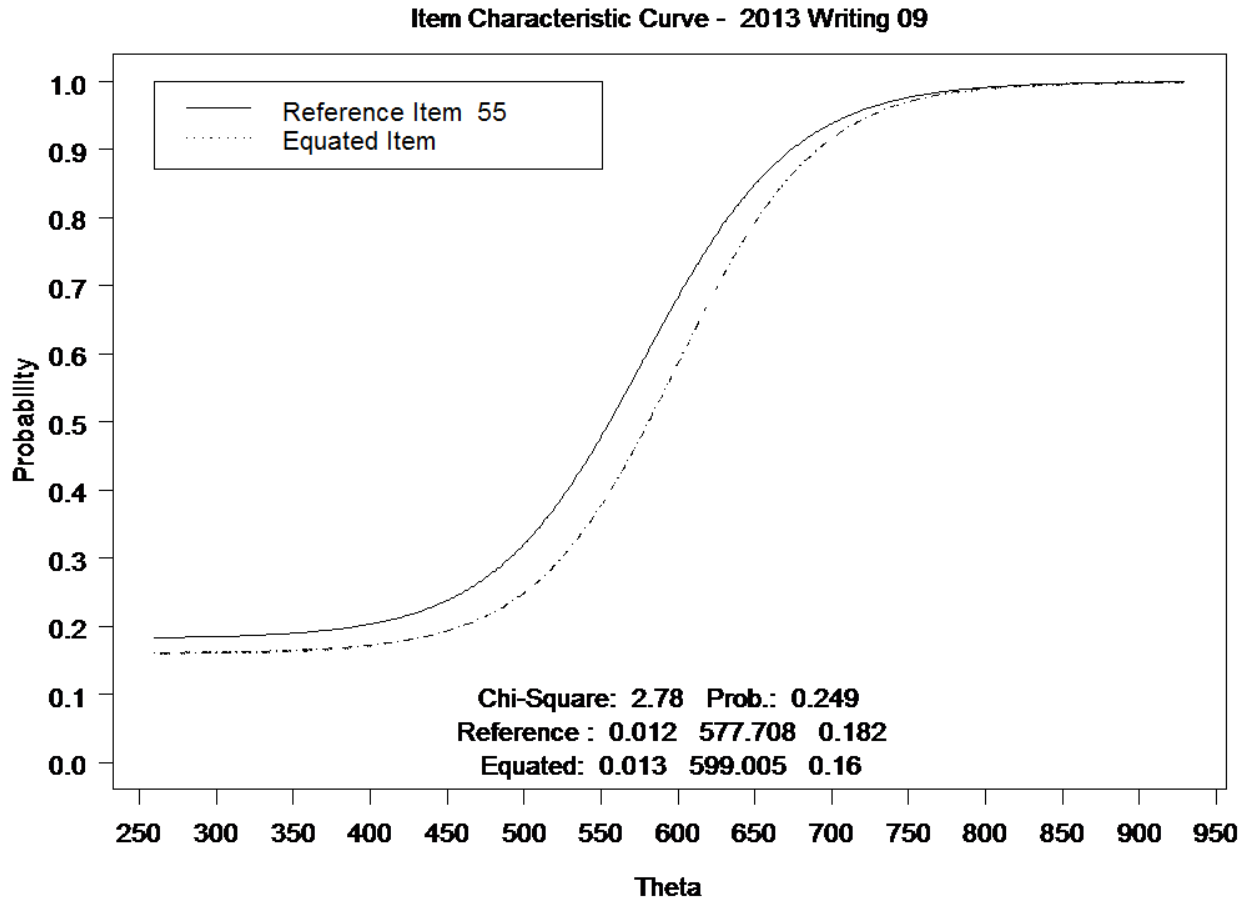
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**Figure 1. Item Characteristic Curves for Writing Grade 9 Anchor Item 55
Unanchored from the Equating of the Operational Test**



**Figure 2. Item Characteristic Curves for Mathematics Grade 3 Anchor Item 32
Unanchored from the Equating of the Operational Test**

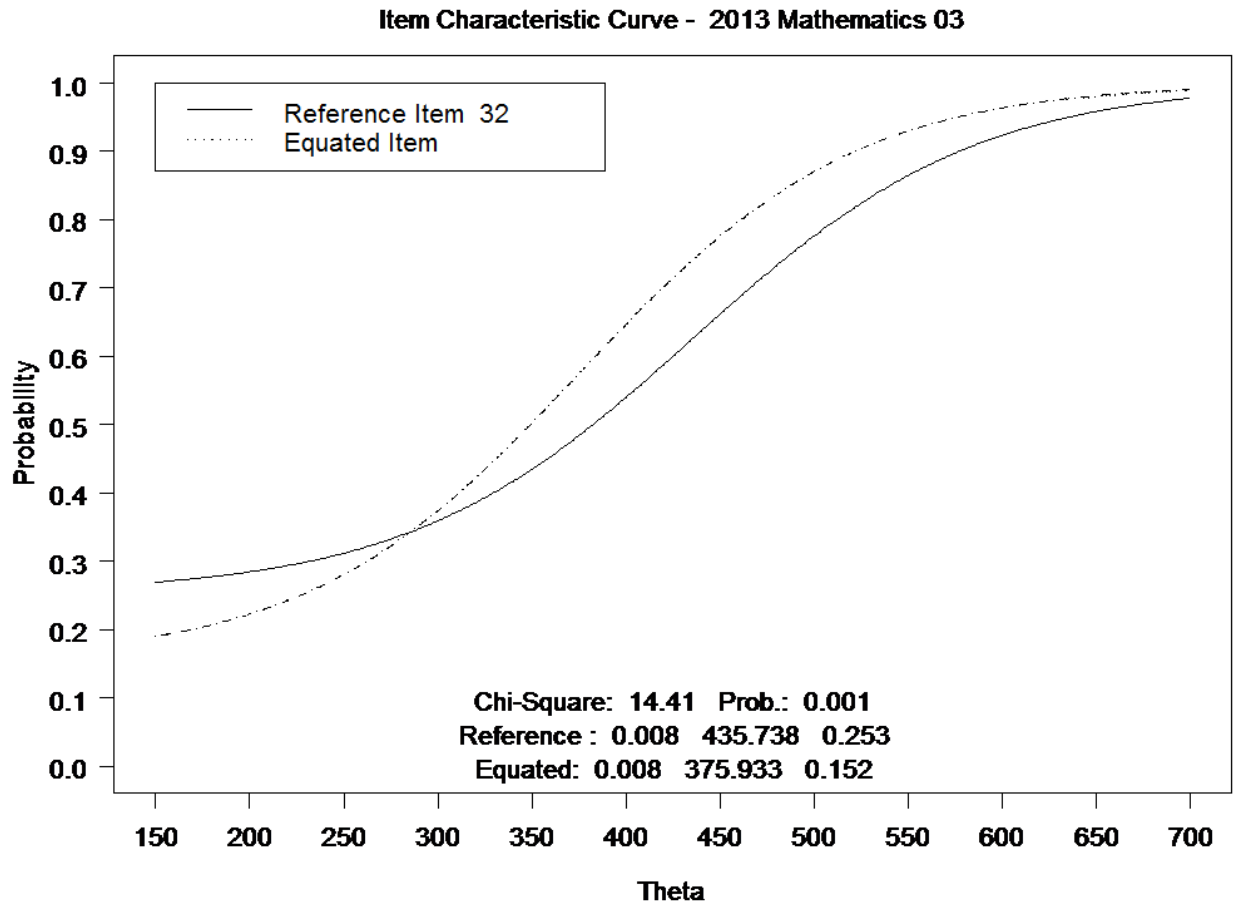
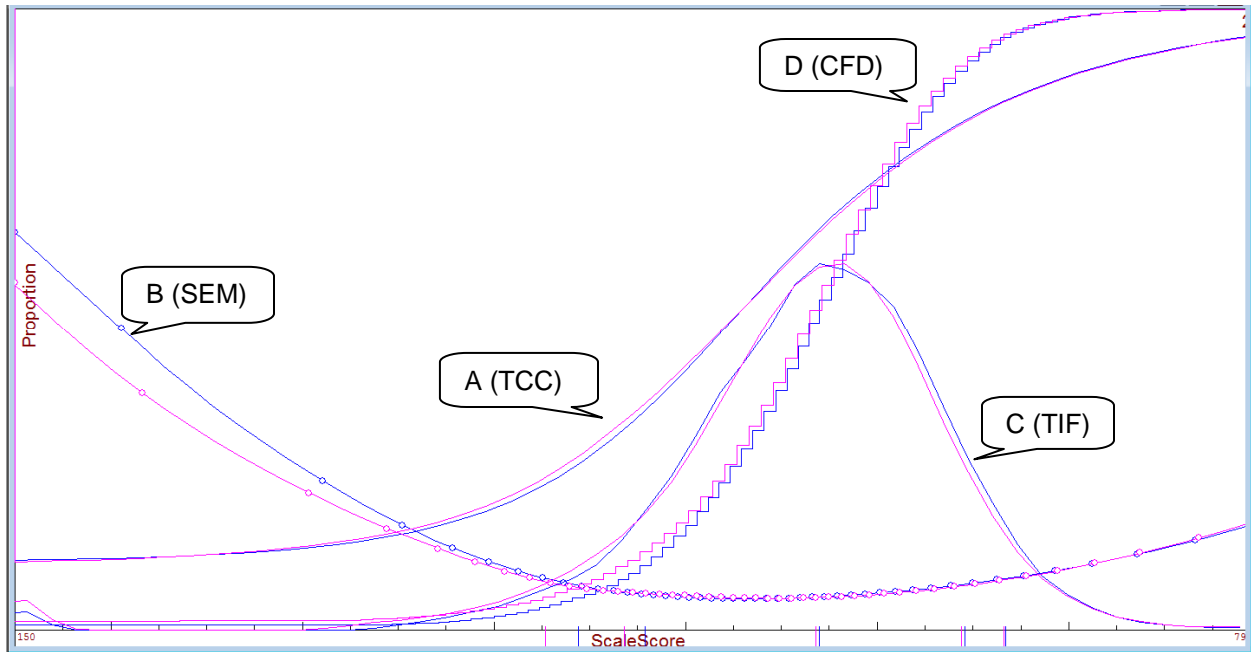


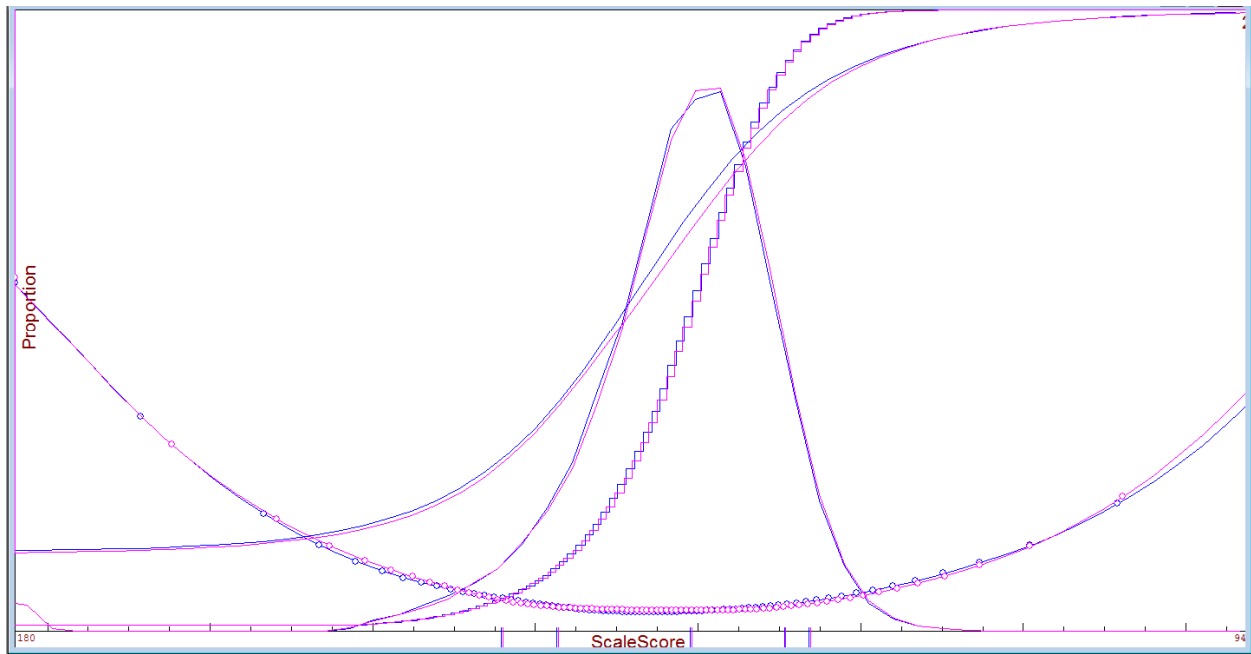
Figure 3. TCAP Grade 3 Reading Operational Tests

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



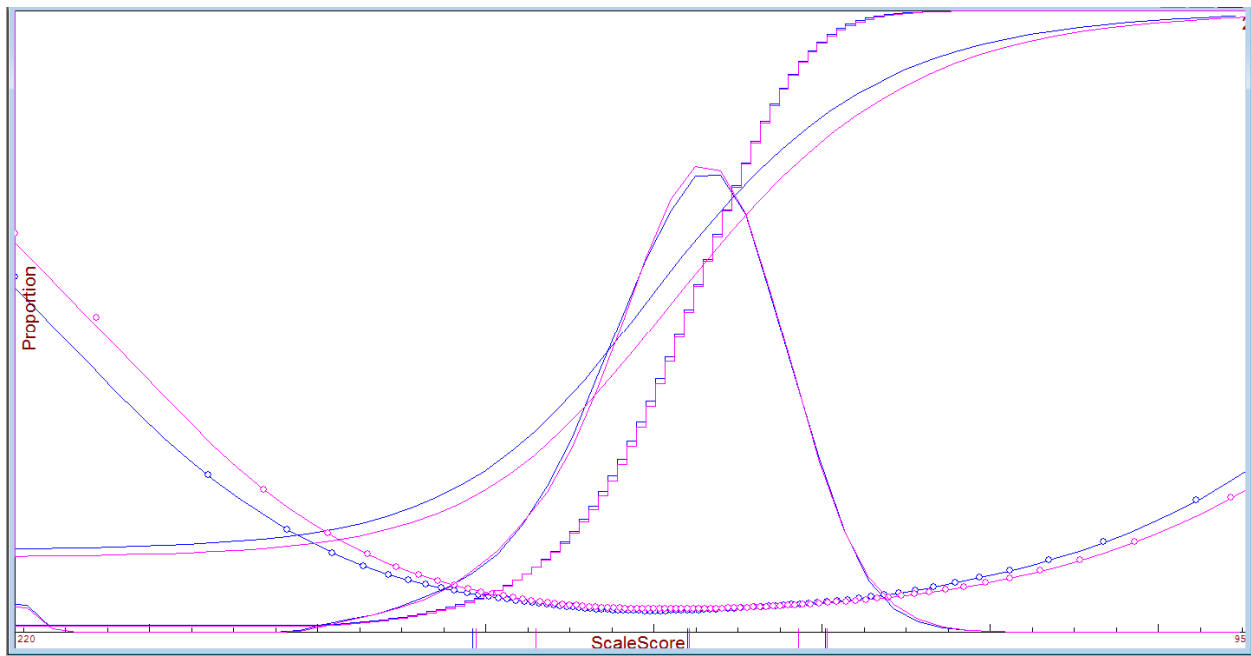
Blue = 2012, Pink = 2013

Figure 4. TCAP Grade 4 Reading Operational Tests



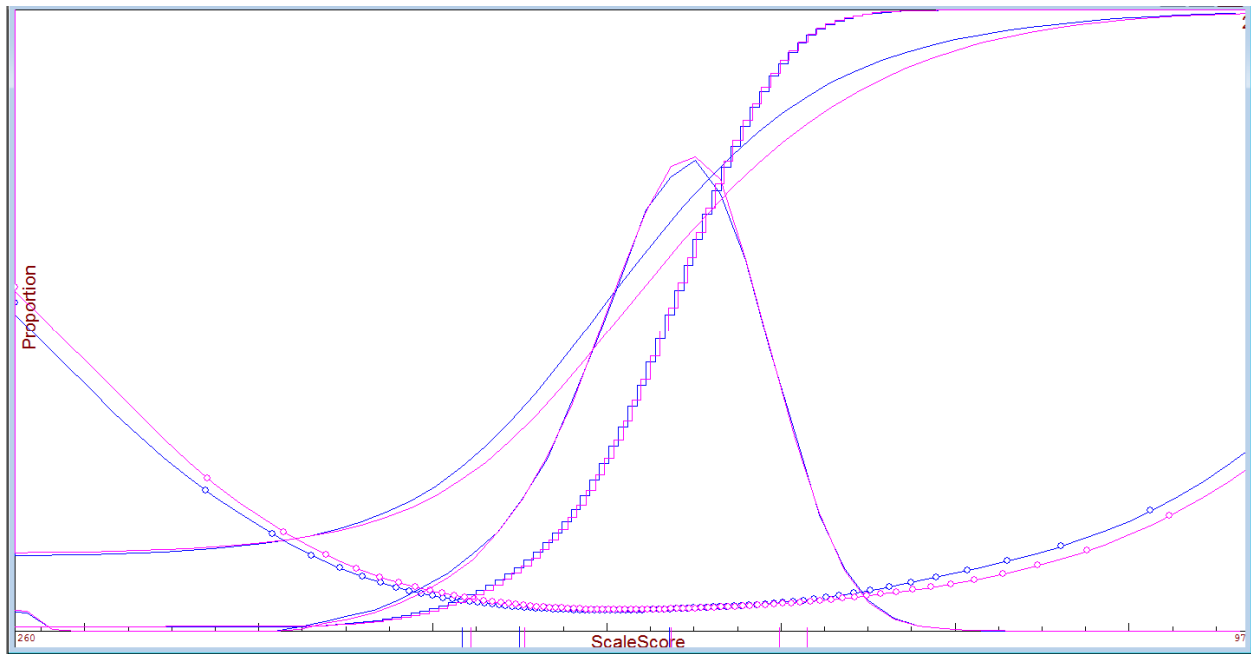
Blue = 2012, Pink = 2013

Figure 5. TCAP Grade 5 Reading Operational Tests



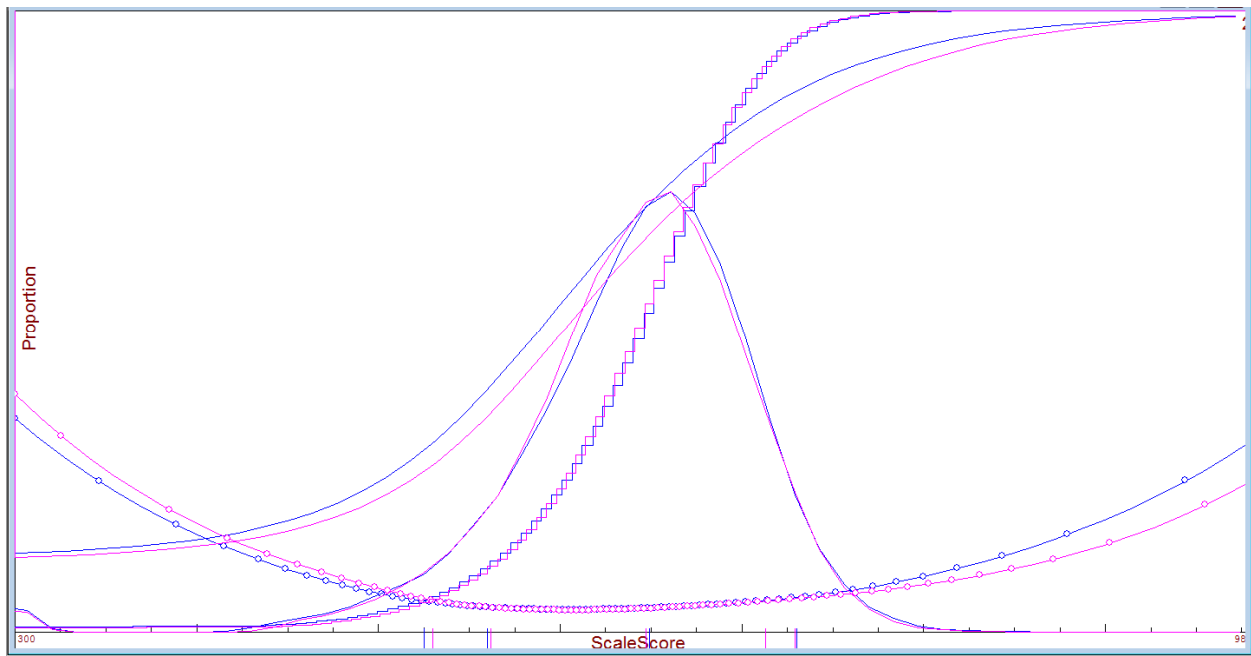
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Figure 6. TCAP Grade 6 Reading Operational Tests



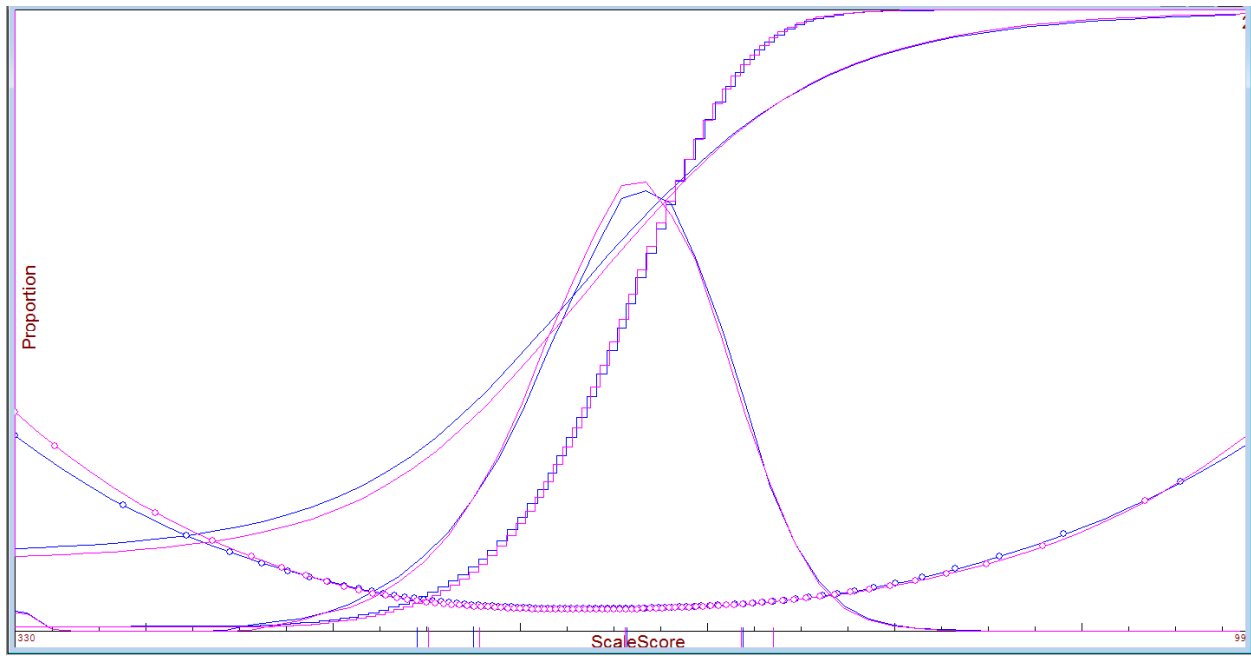
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Figure 7. TCAP Grade 7 Reading Operational Tests



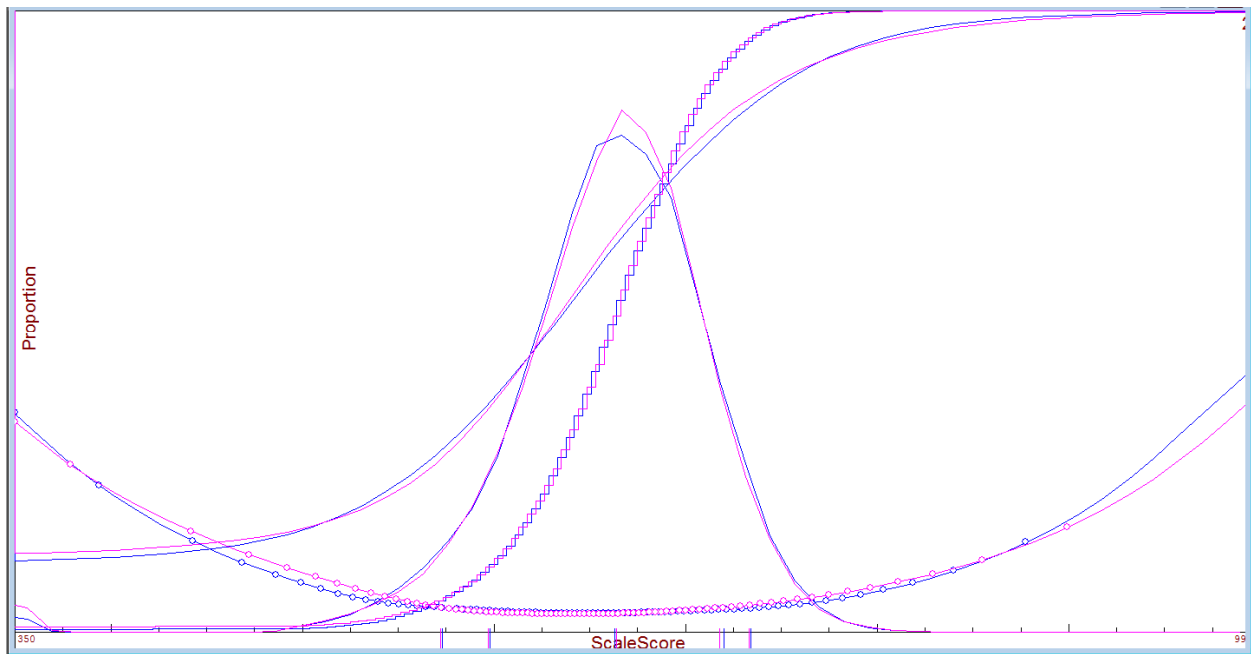
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Figure 8. TCAP Grade 8 Reading Operational Tests



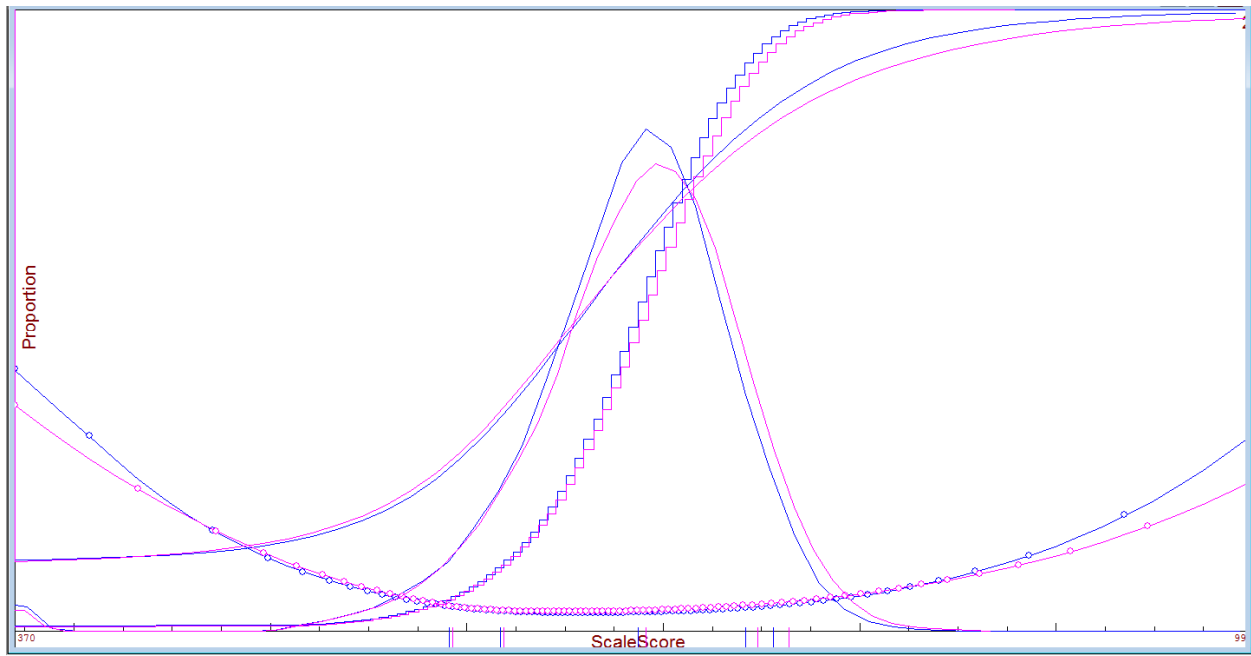
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Figure 9. TCAP Grade 9 Reading Operational Tests



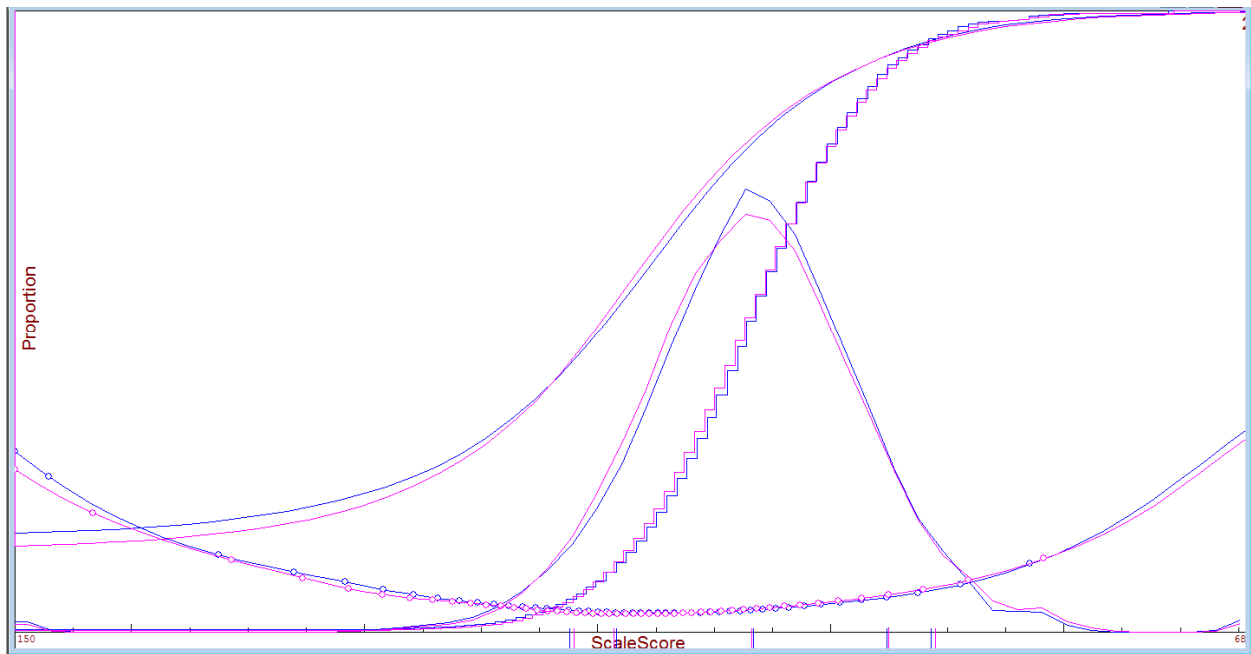
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Figure 10. TCAP Grade 10 Reading Operational Tests



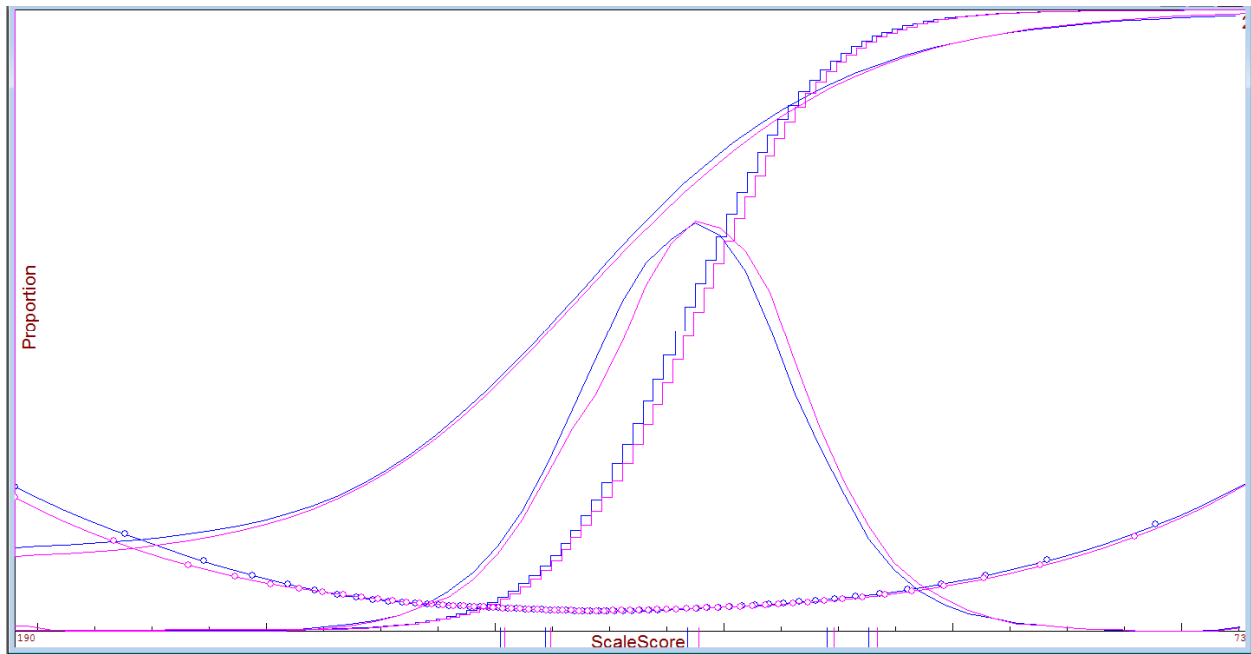
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Figure 11. TCAP Grade 3 Writing Operational Tests



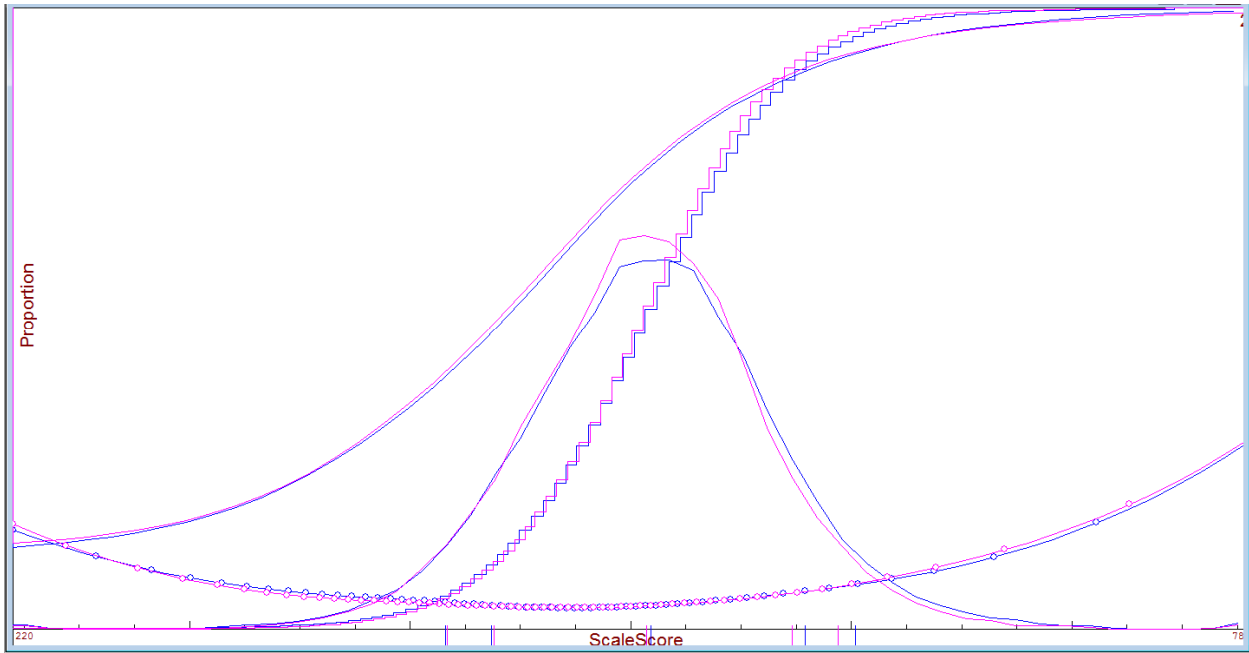
Blue = 2012, Pink = 2013

Figure 12. TCAP Grade 4 Writing Operational Tests



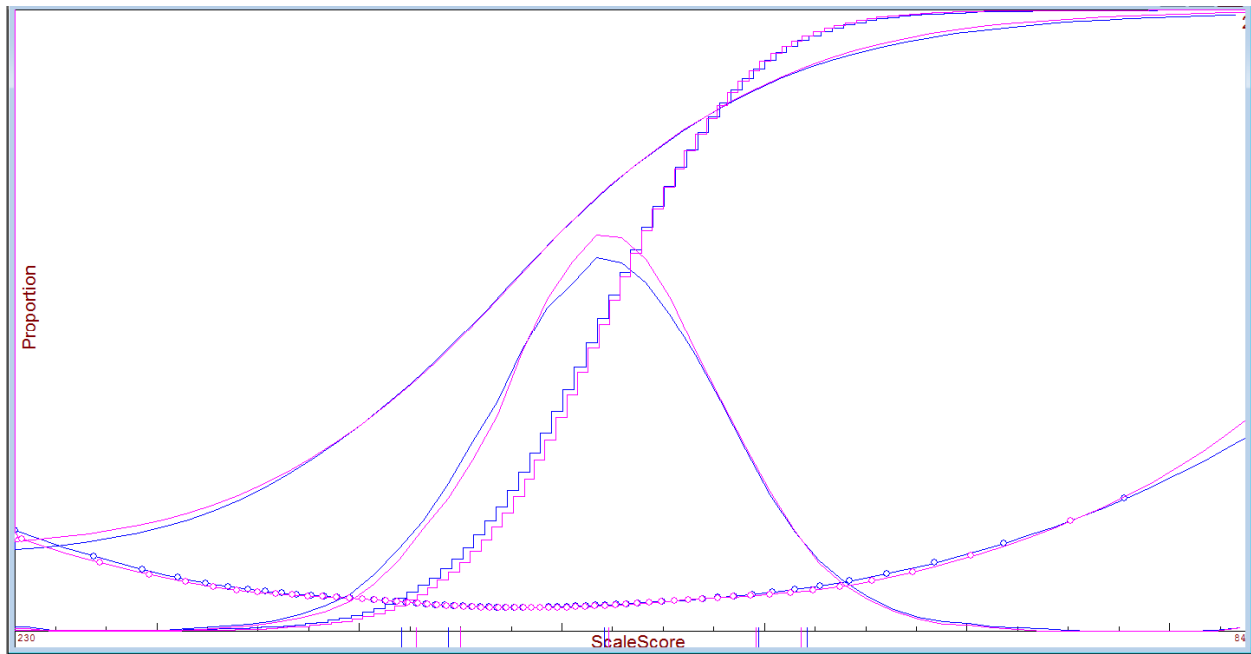
Blue = 2012, Pink = 2013

Figure 13. TCAP Grade 5 Writing Operational Tests



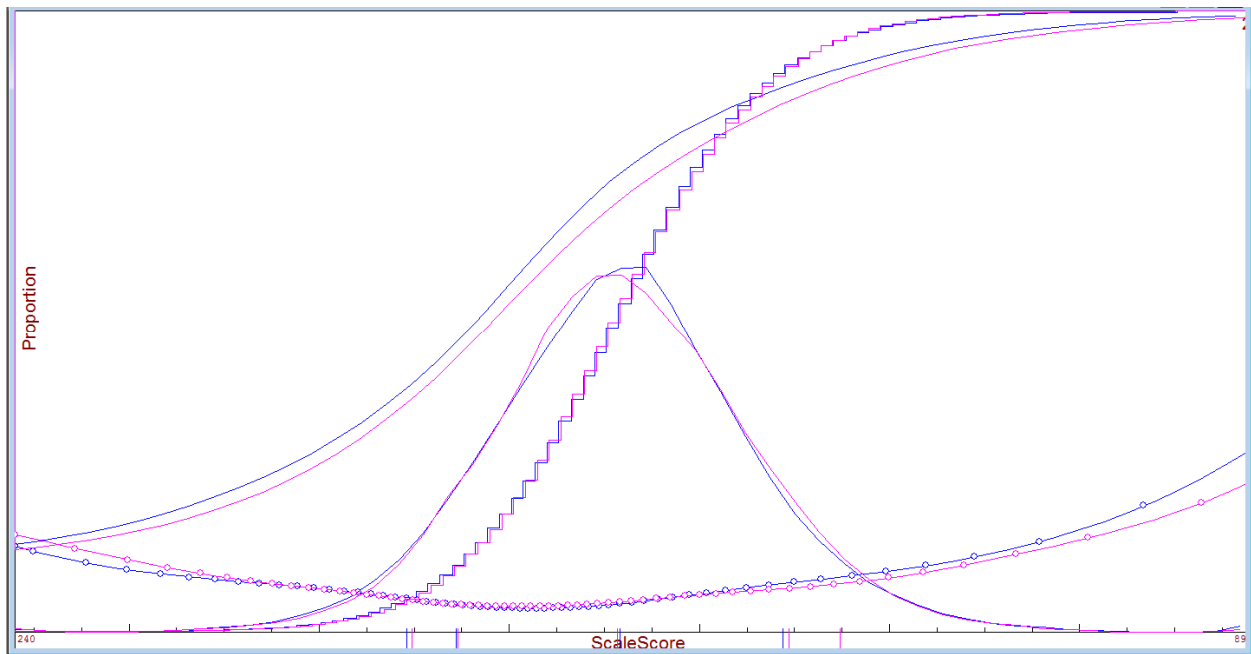
Blue = 2012, Pink = 2013

Figure 14. TCAP Grade 6 Writing Operational Tests



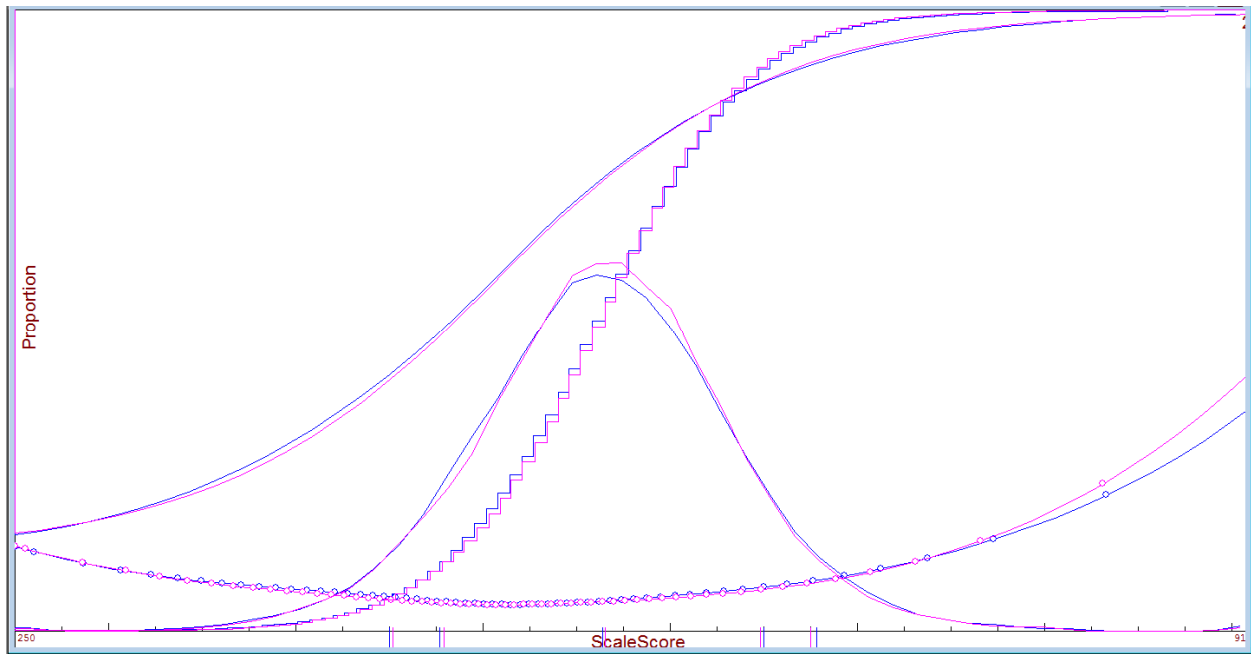
Blue = 2012, Pink = 2013

Figure 15. TCAP Grade 7 Writing Operational Tests



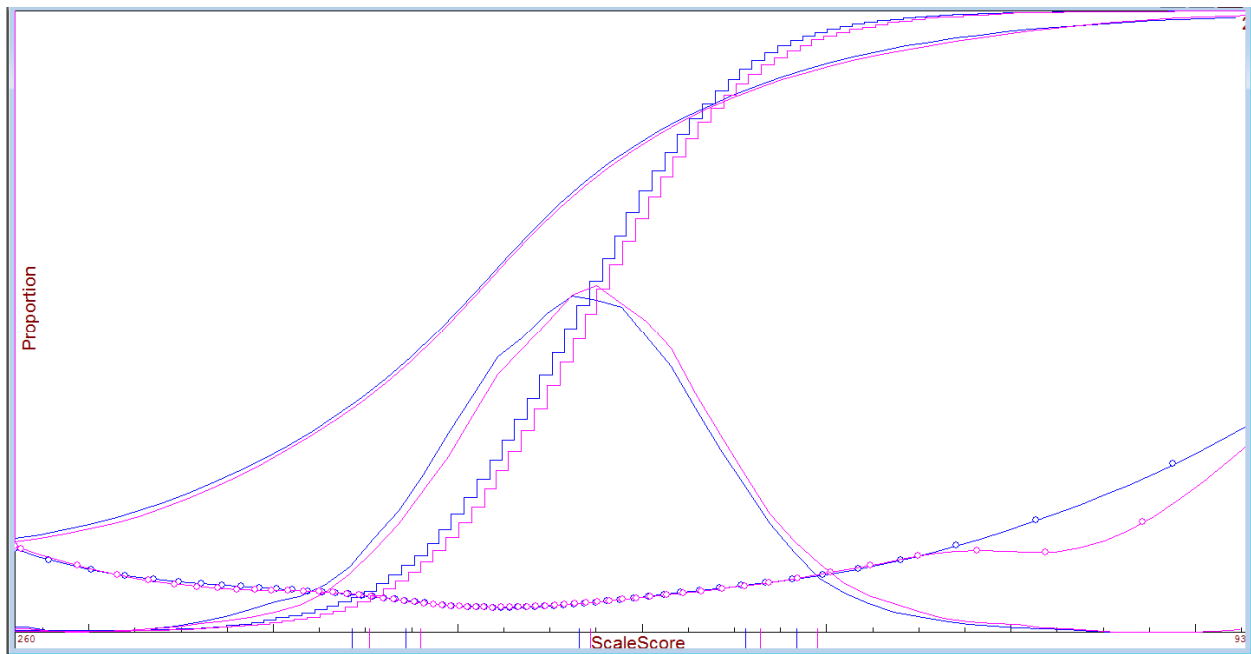
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Figure 16. TCAP Grade 8 Writing Operational Tests



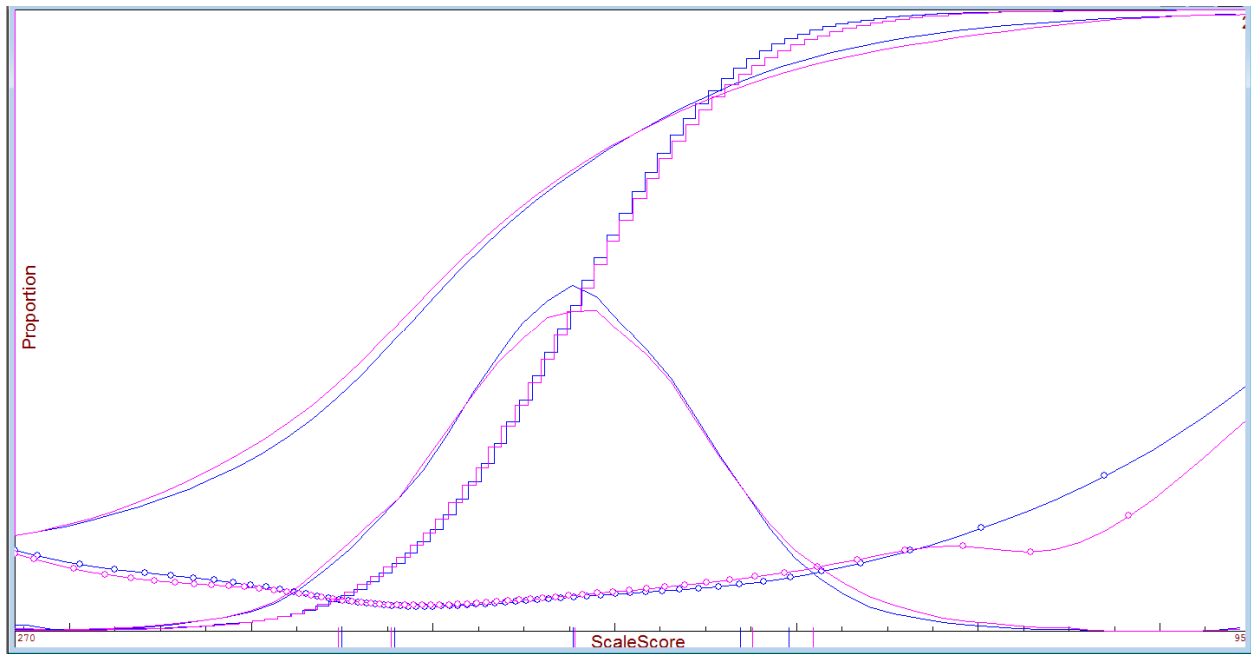
Blue = 2012, Pink = 2013

Figure 17. TCAP Grade 9 Writing Operational Tests



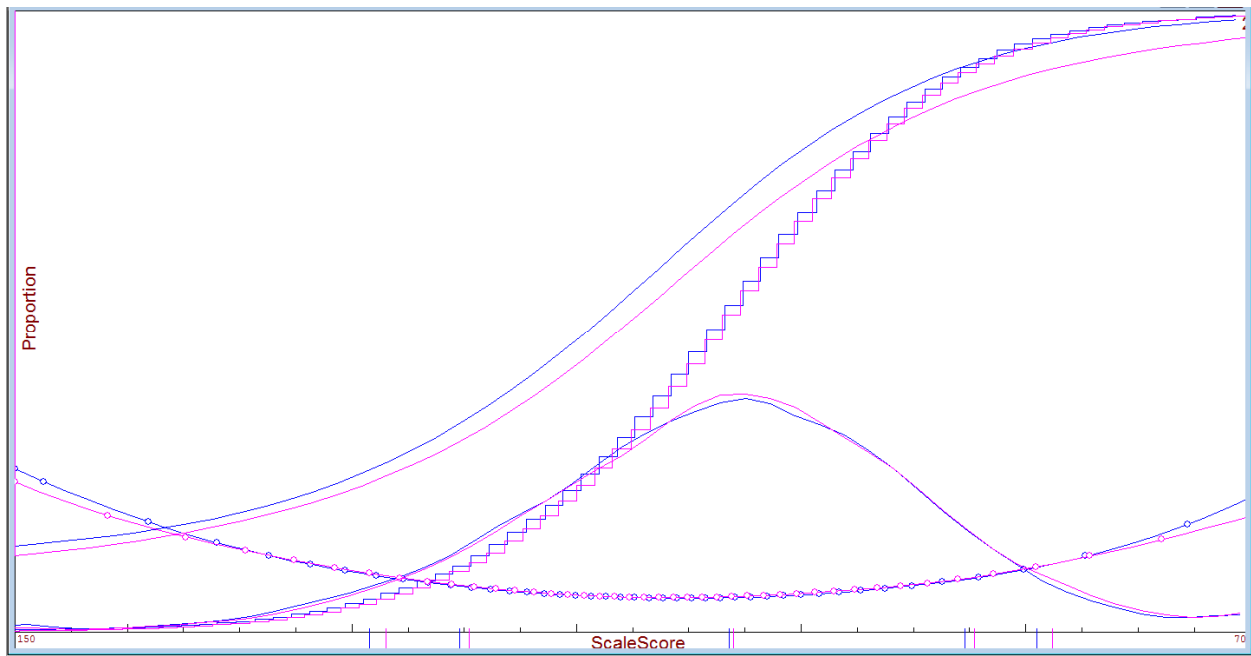
Blue = 2012, Pink = 2013

Figure 18. TCAP Grade 10 Writing Operational Tests



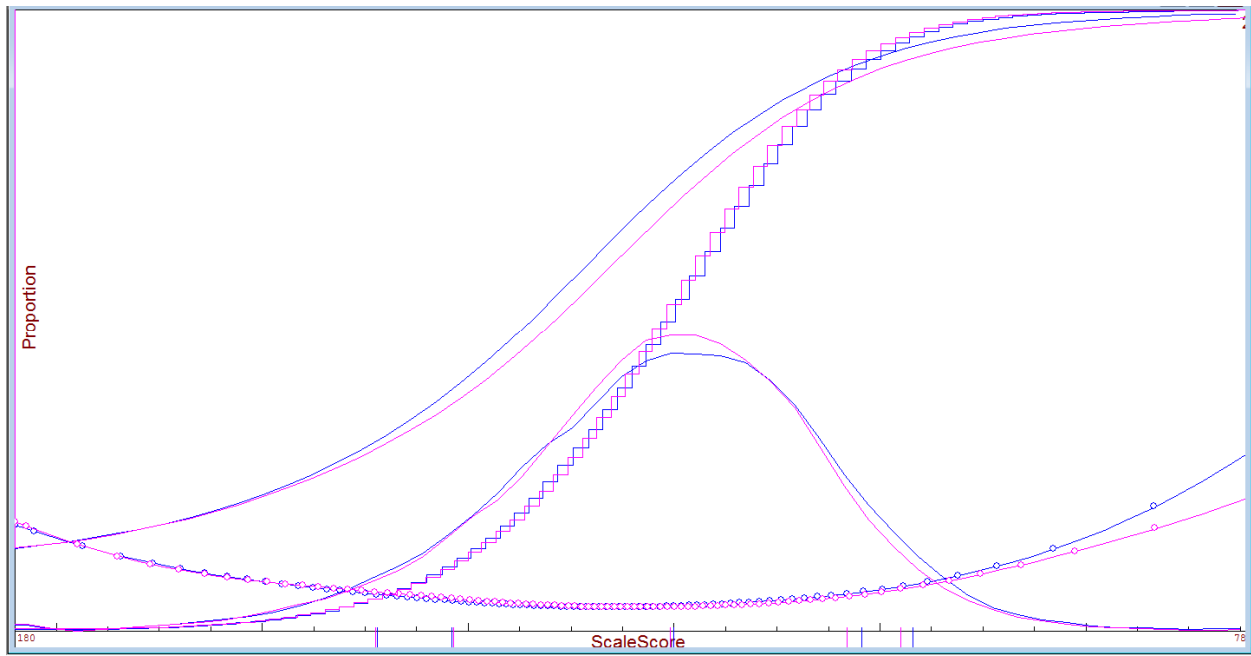
Blue = 2012, Pink = 2013

Figure 19. TCAP Grade 3 Mathematics Operational Tests



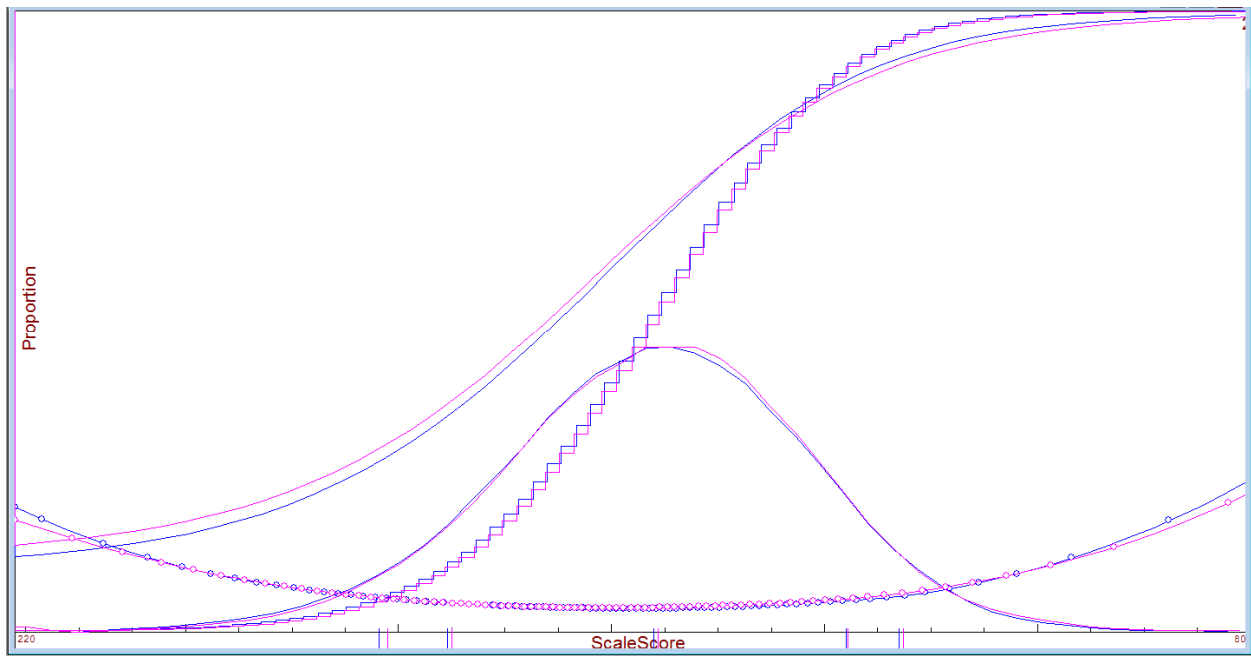
Blue = 2012, Pink = 2013

Figure 20. TCAP Grade 4 Mathematics Operational Tests



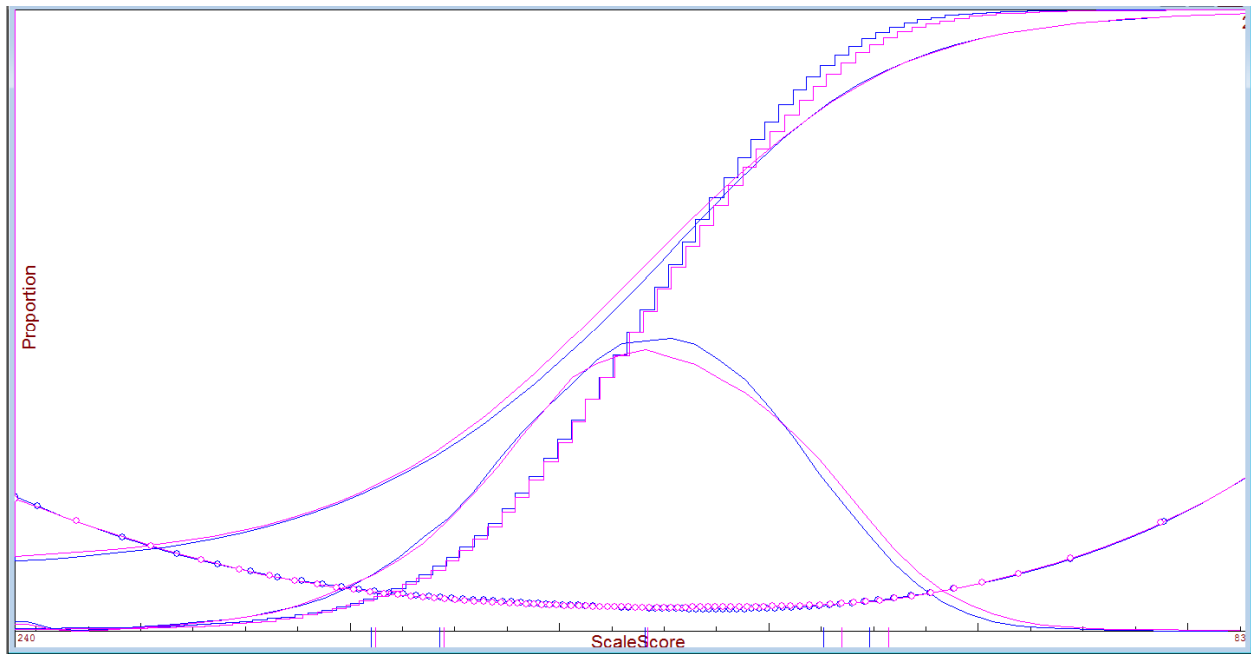
Blue = 2012, Pink = 2013

Figure 21. TCAP Grade 5 Mathematics Operational Tests



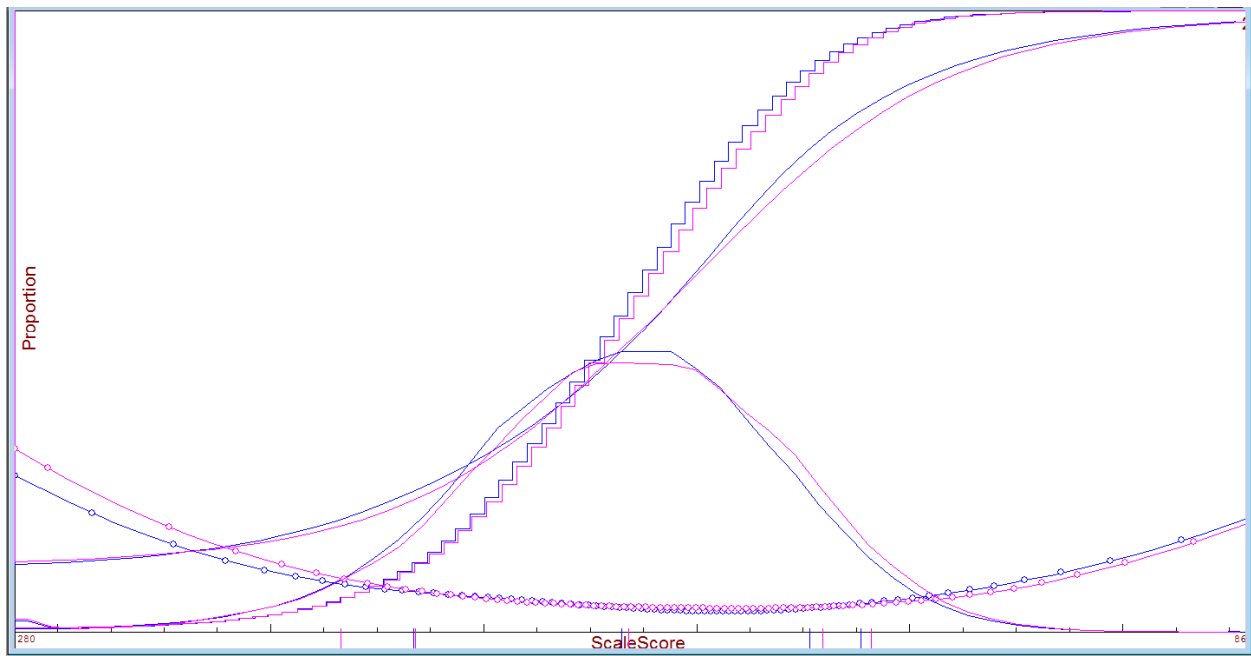
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Figure 22. TCAP Grade 6 Mathematics Operational Tests



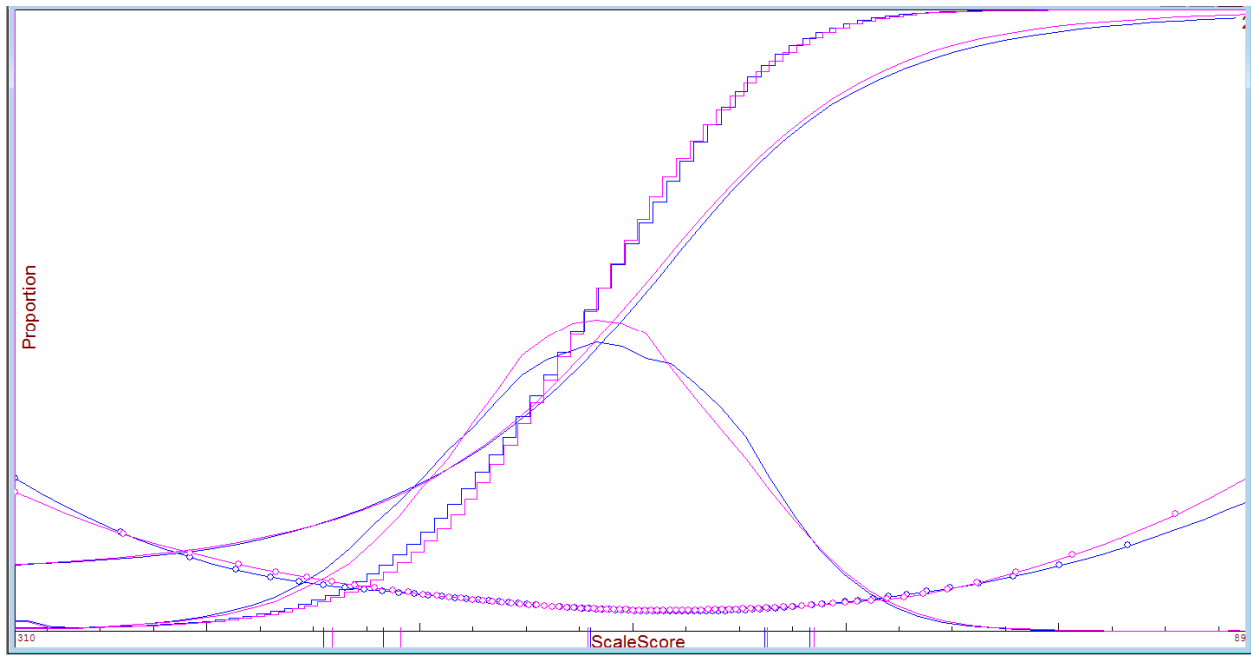
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Figure 23. TCAP Grade 7 Mathematics Operational Tests



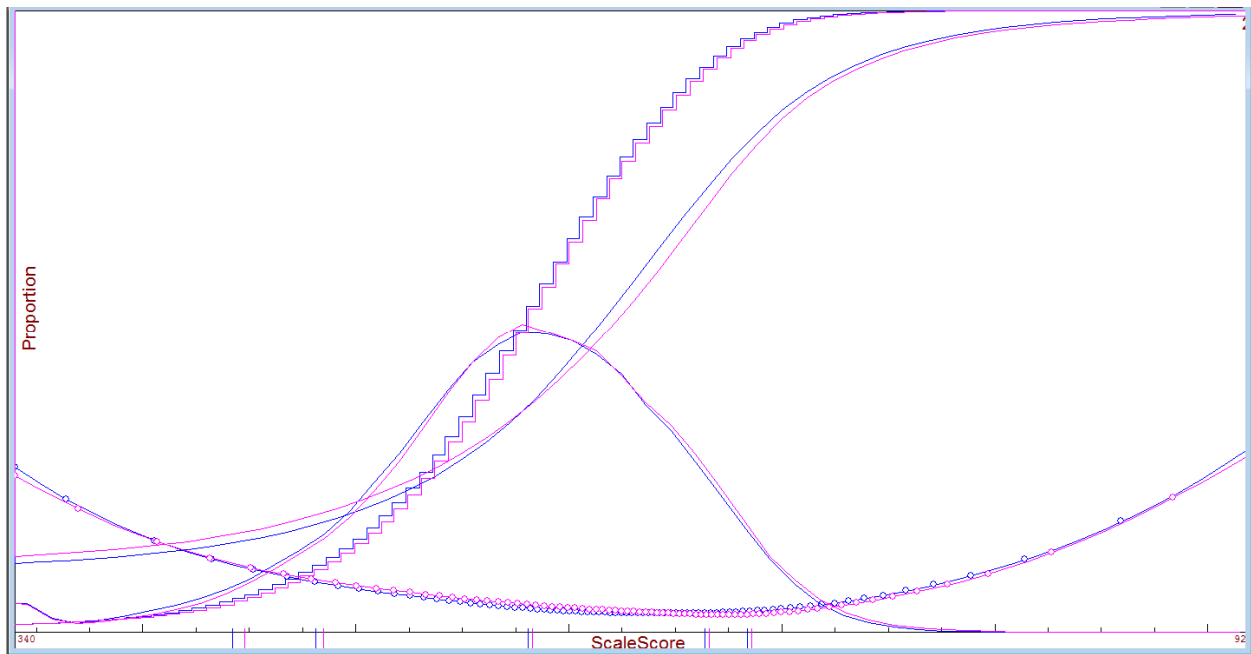
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Figure 24. TCAP Grade 8 Mathematics Operational Tests



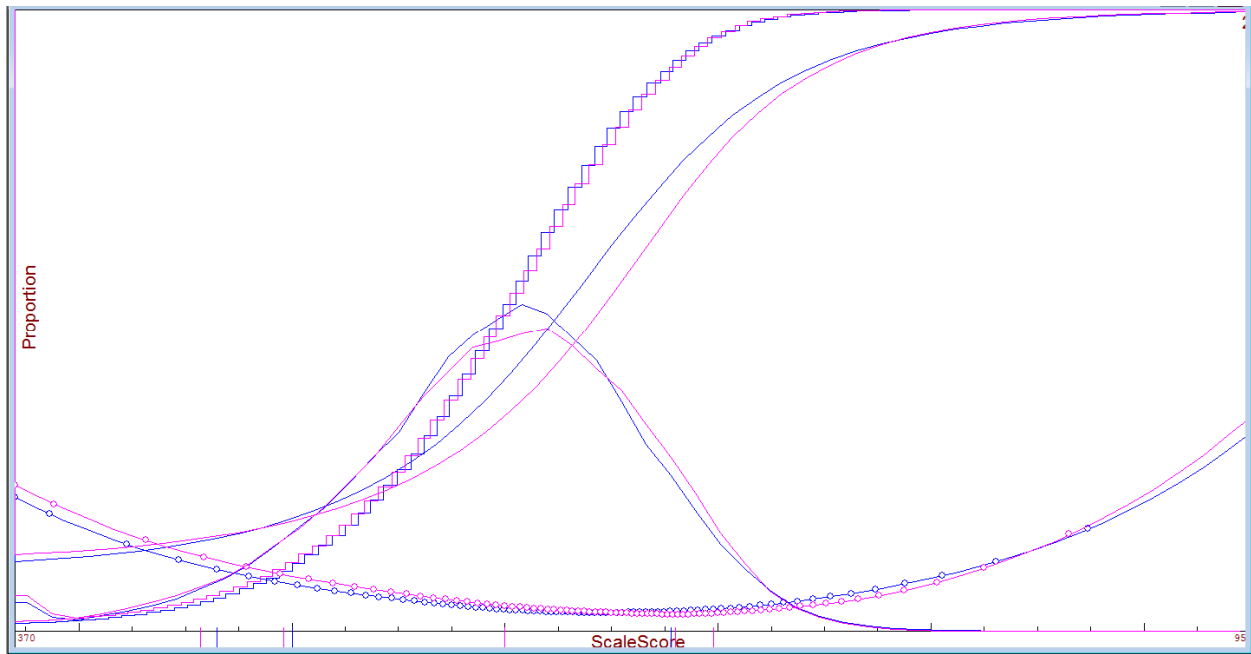
Blue = 2012, Pink = 2013

Figure 25. TCAP Grade 9 Mathematics Operational Tests



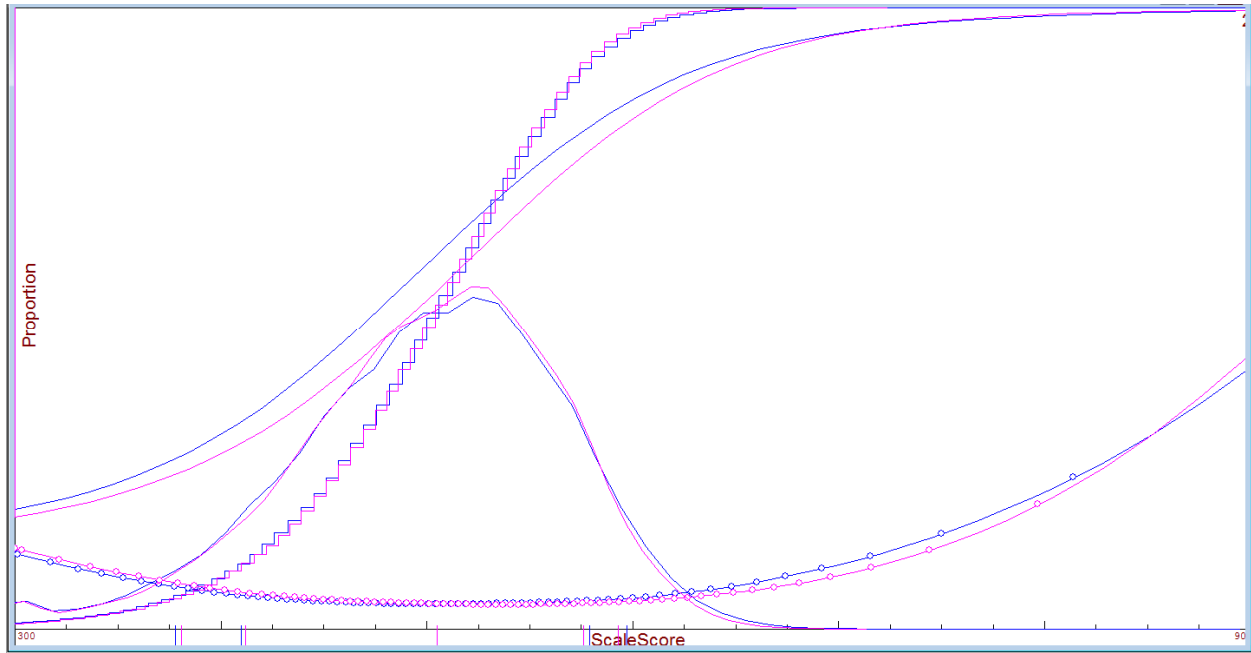
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Figure 26. TCAP Grade 10 Mathematics Operational Tests



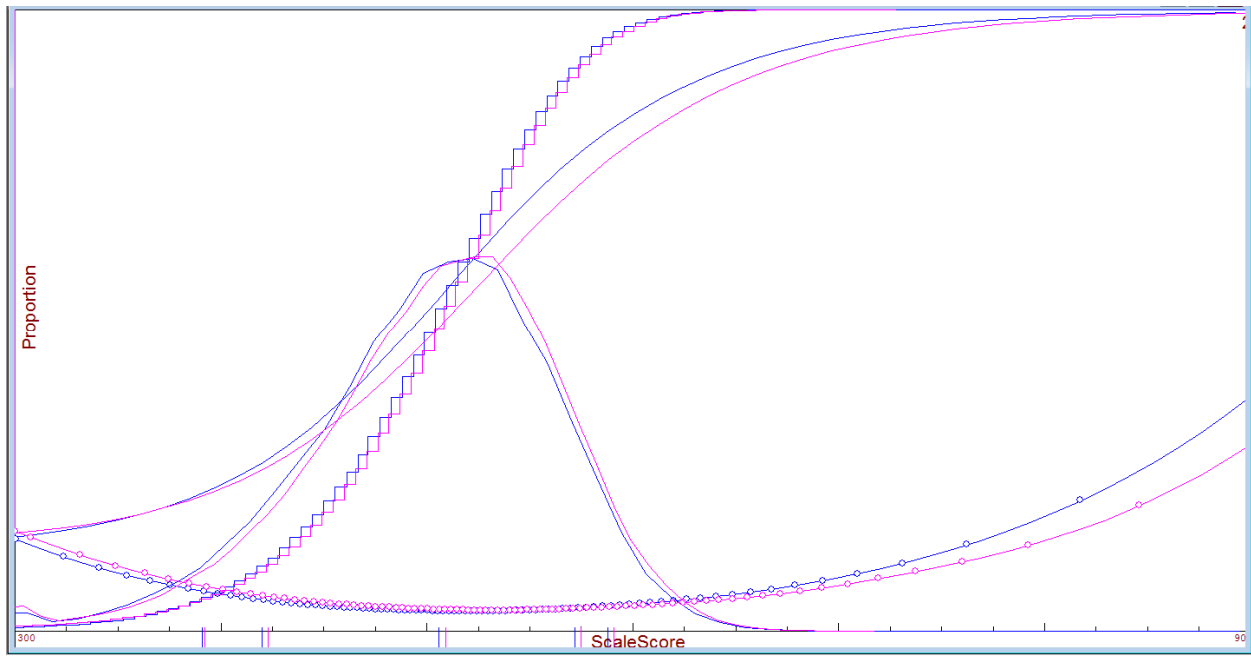
Blue = 2012, Pink = 2013

Figure 27. TCAP Grade 5 Science Operational Tests



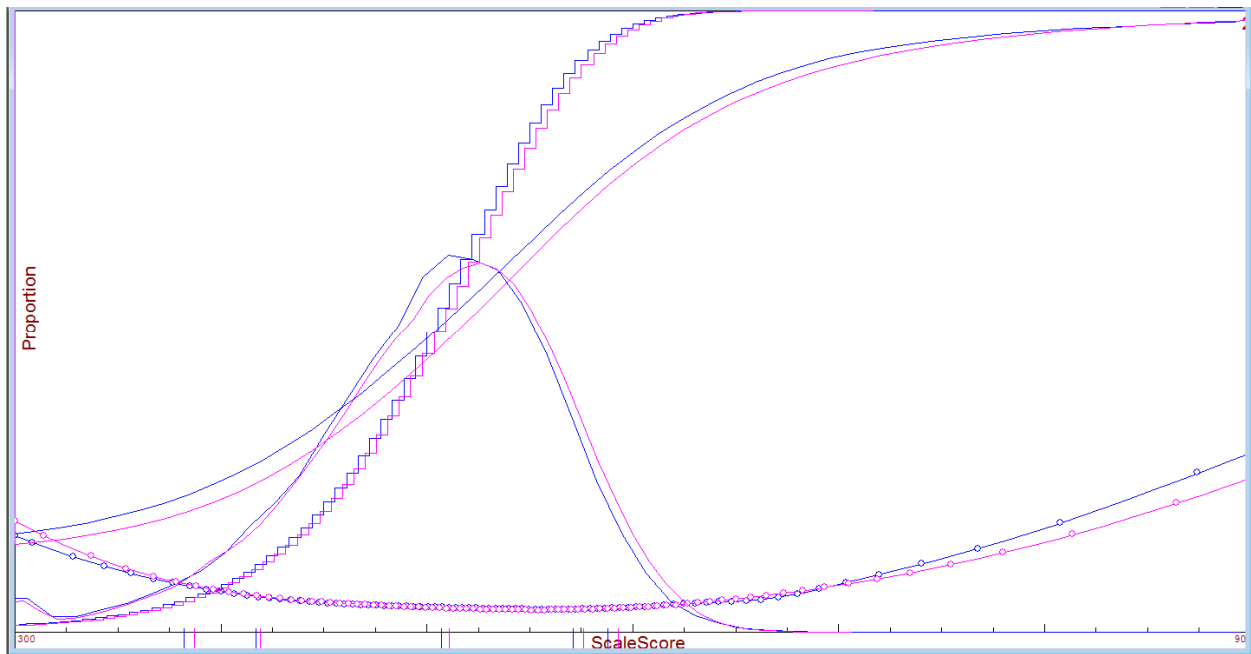
Blue = 2012, Pink = 2013

Figure 28. TCAP Grade 8 Science Operational Tests



Blue = 2012, Pink = 2013

Figure 29. TCAP Grade 10 Science Operational Tests



Blue = 2012, Pink = 2013

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

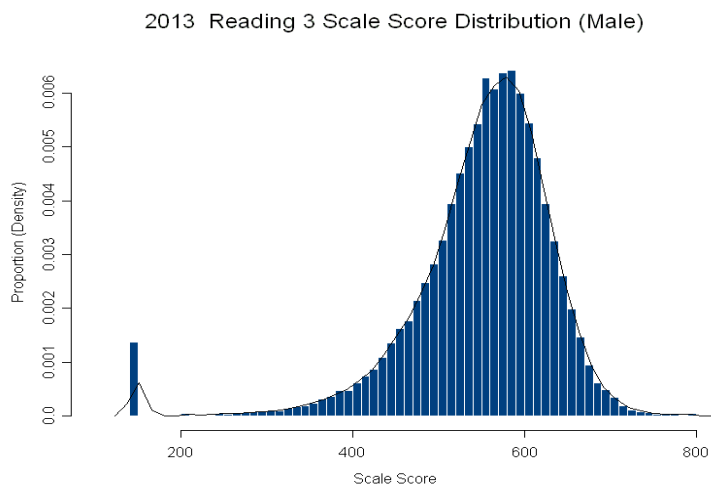
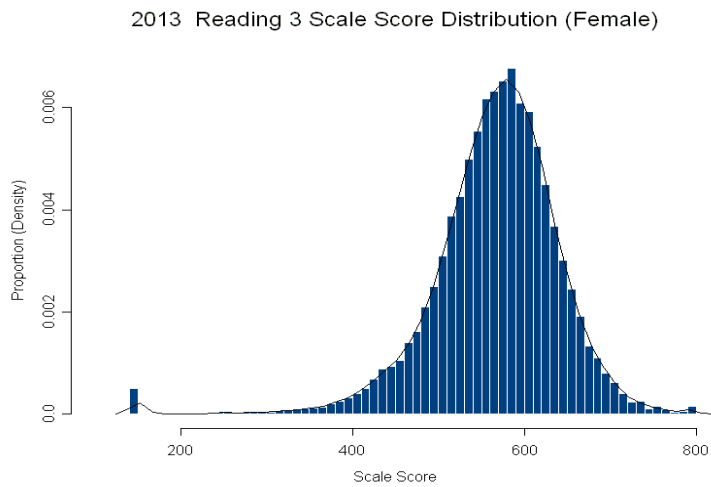
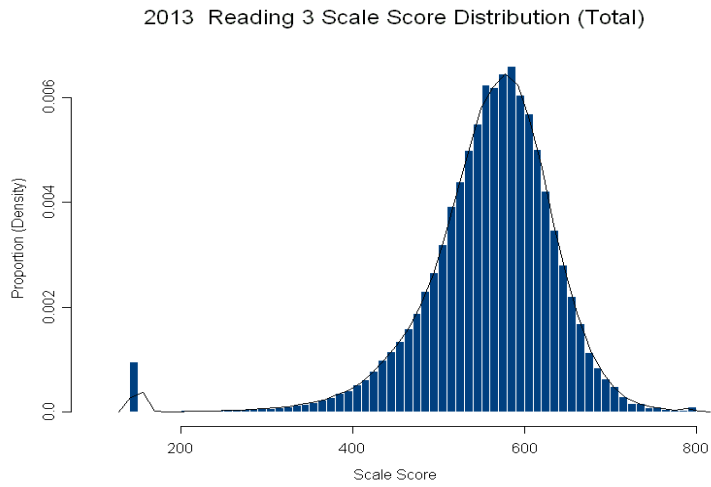
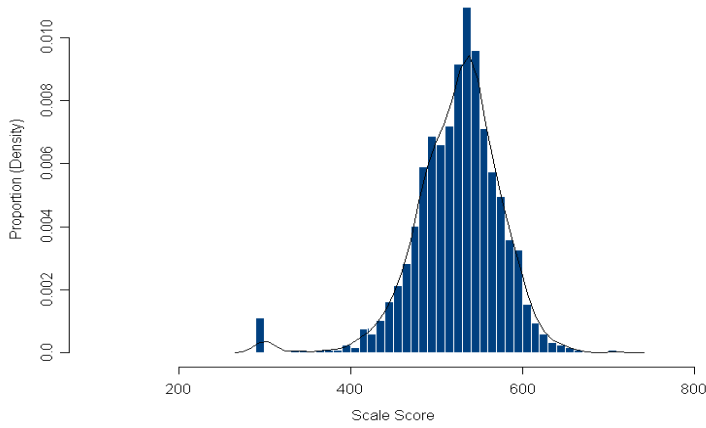
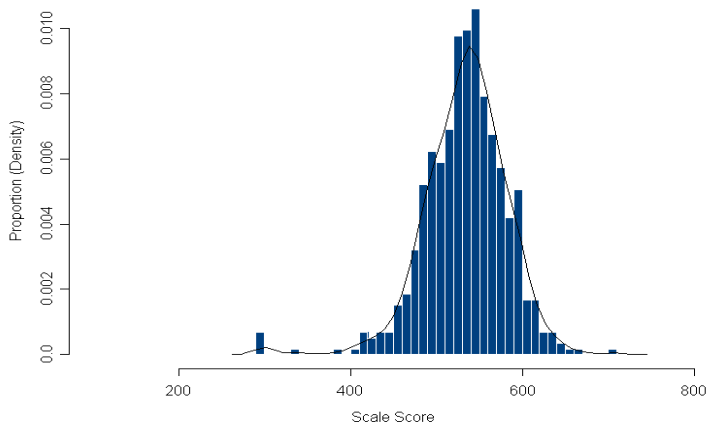


Figure 31. Grade 3 Reading (Spanish) Scale Score Distributions for the Total Population, Female, and Male Students

2013 Spanish Reading 3 Scale Score Distribution (Total)



2013 Spanish Reading 3 Scale Score Distribution (Female)



2013 Spanish Reading 3 Scale Score Distribution (Male)

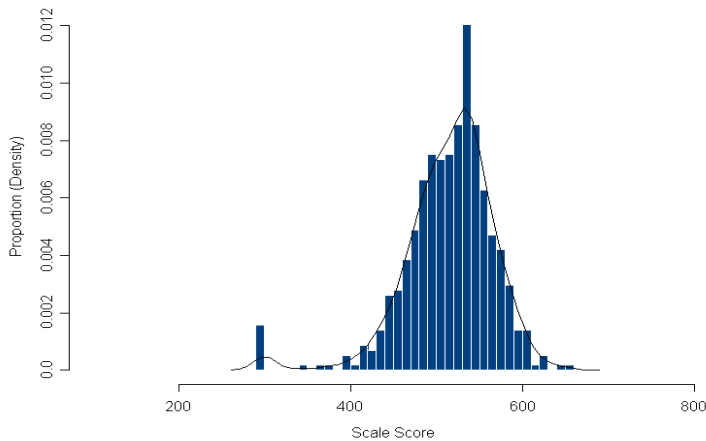


Figure 32. Grade 3 Writing Scale Score Distributions for the Total Population, Female, and Male Students

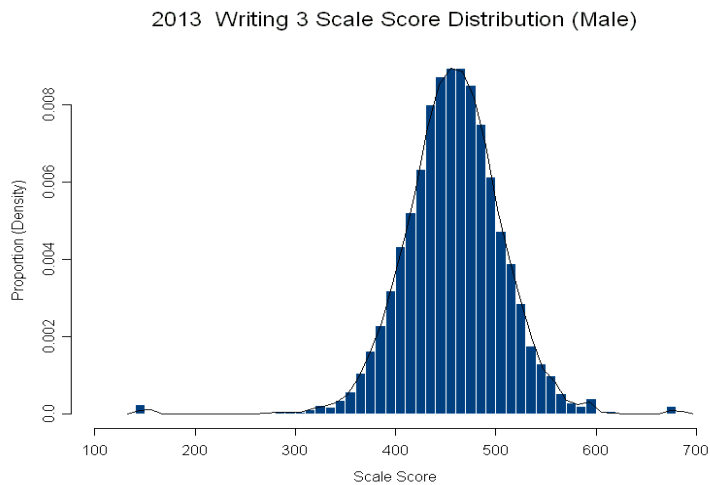
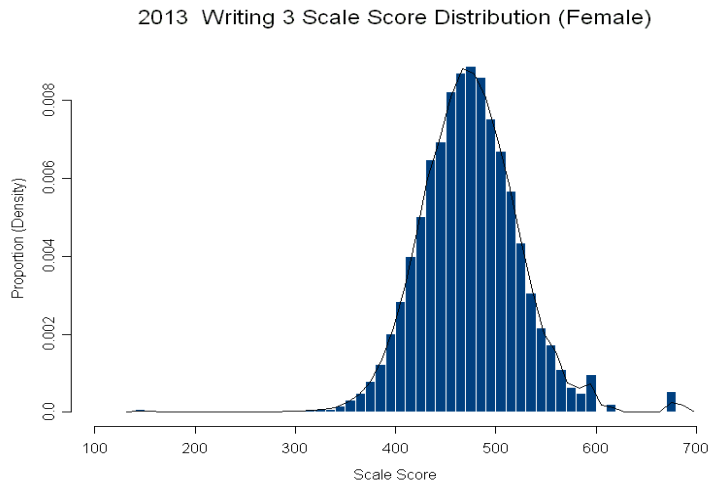
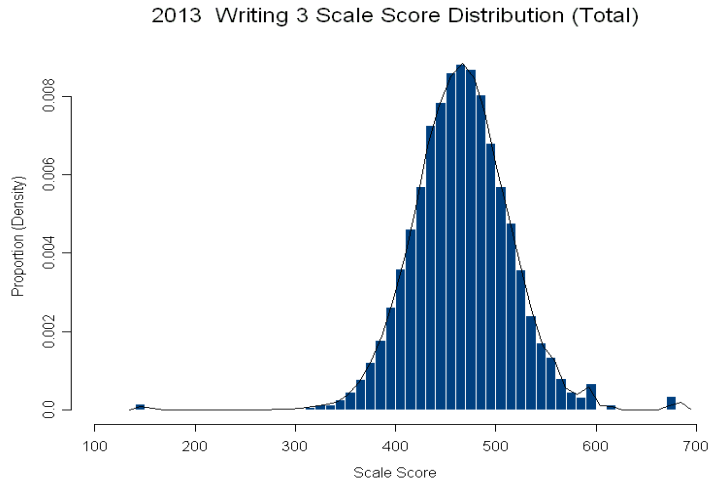
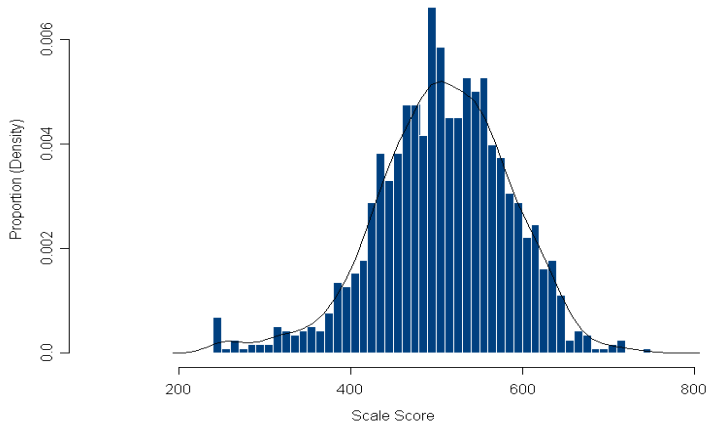
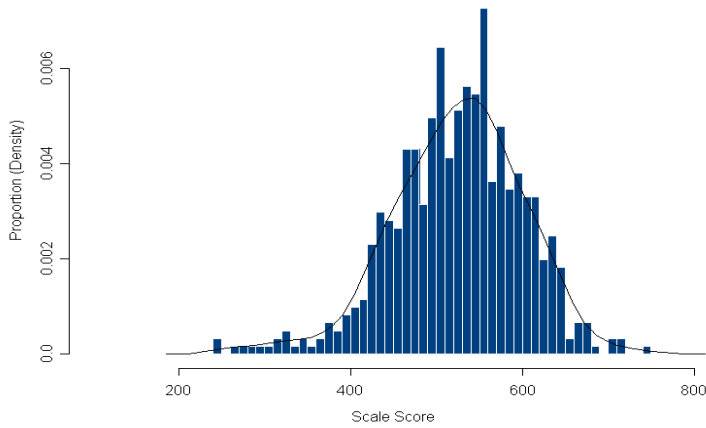


Figure 33. Grade 3 Writing (Spanish) Scale Score Distributions for the Total Population, Female, and Male Students

2013 Spanish Writing 3 Scale Score Distribution (Total)



2013 Spanish Writing 3 Scale Score Distribution (Female)



2013 Spanish Writing 3 Scale Score Distribution (Male)

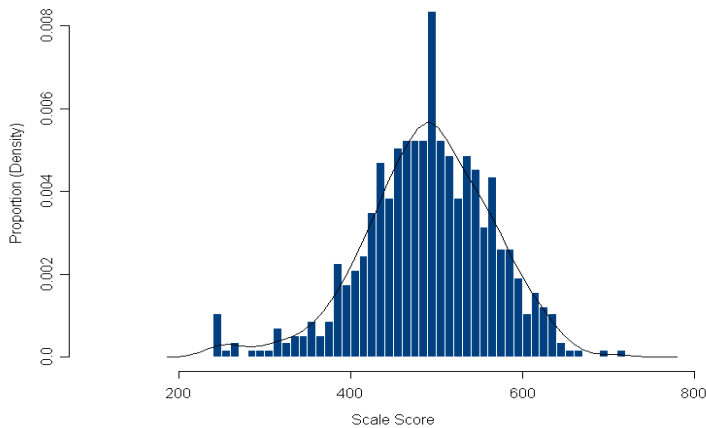


Figure 34. Grade 3 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students

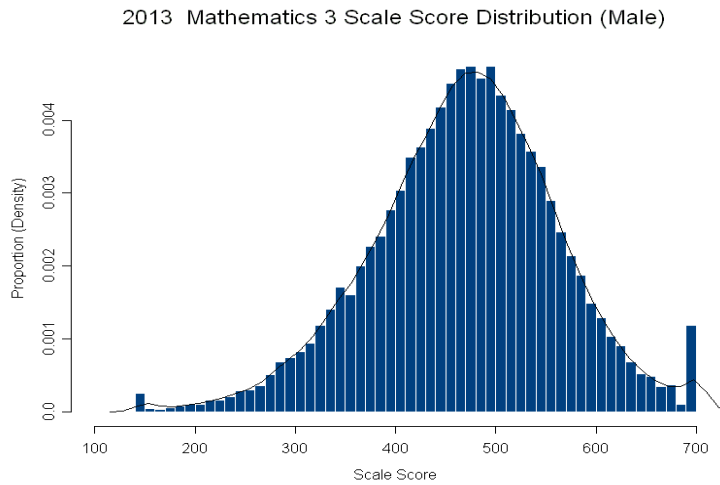
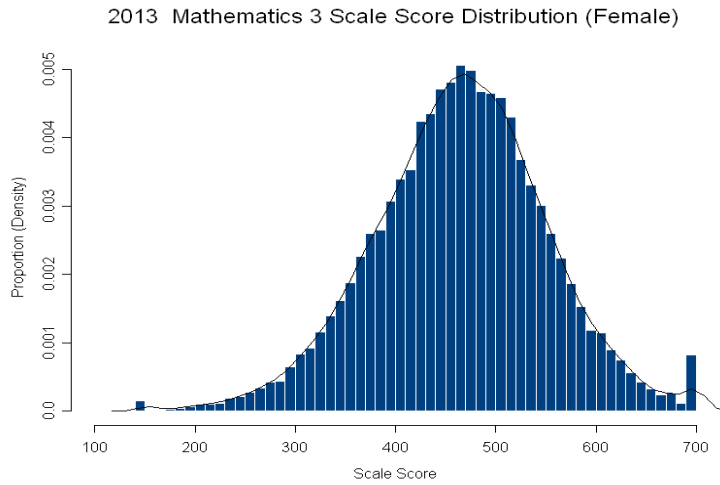
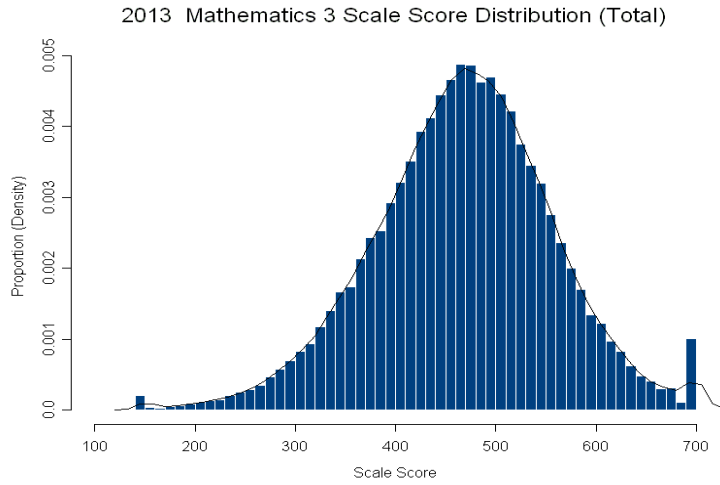


Figure 35. Grade 4 Reading Scale Score Distributions for the Total Population, Female, and Male Students

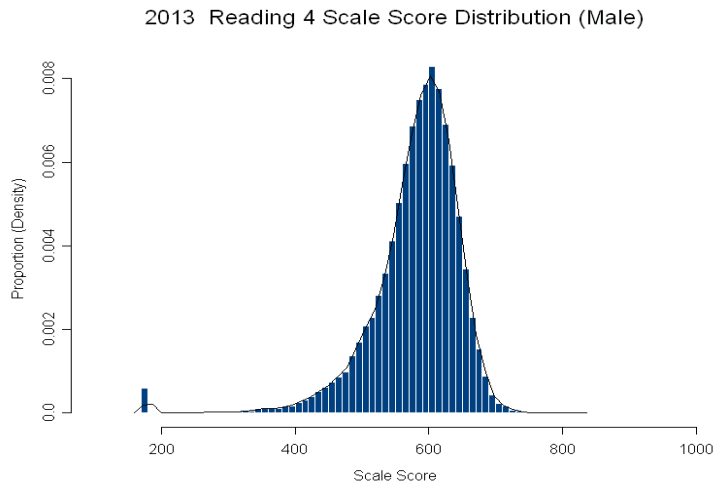
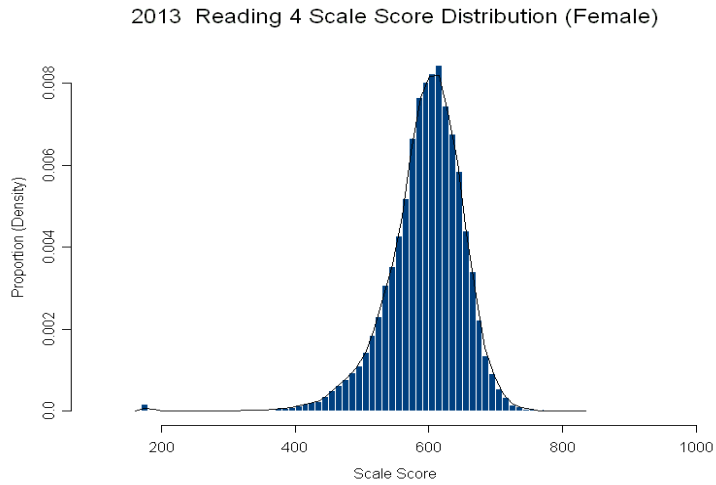
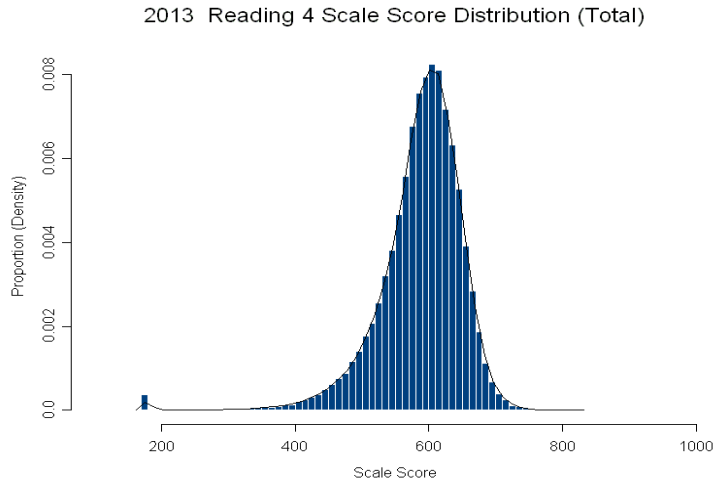
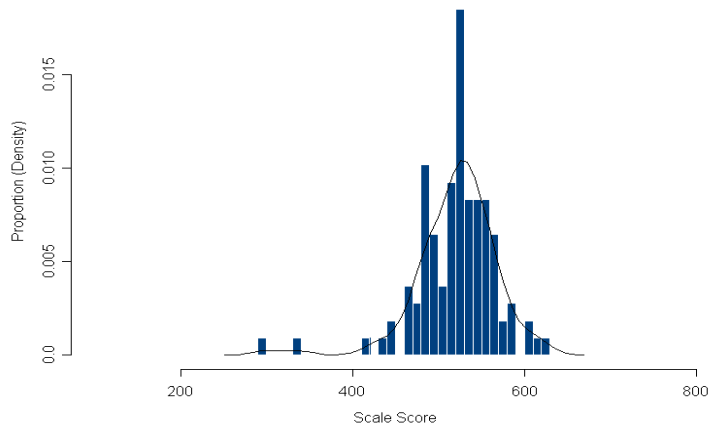
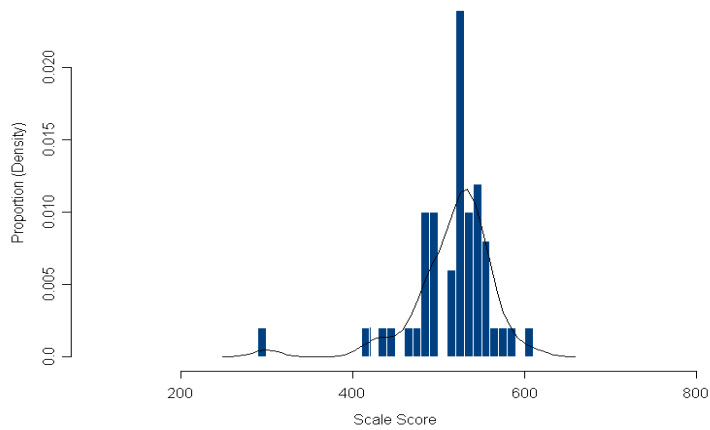


Figure 36. Grade 4 Reading (Spanish) Scale Score Distributions for the Total Population, Female, and Male Students

2013 Spanish Reading 4 Scale Score Distribution (Total)



2013 Spanish Reading 4 Scale Score Distribution (Female)



2013 Spanish Reading 4 Scale Score Distribution (Male)

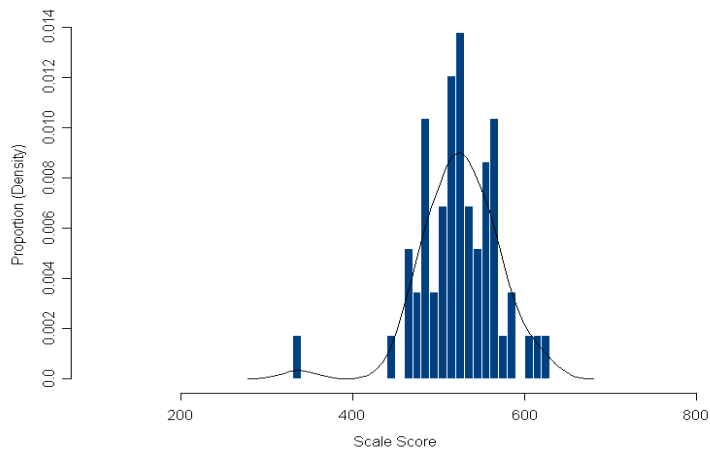
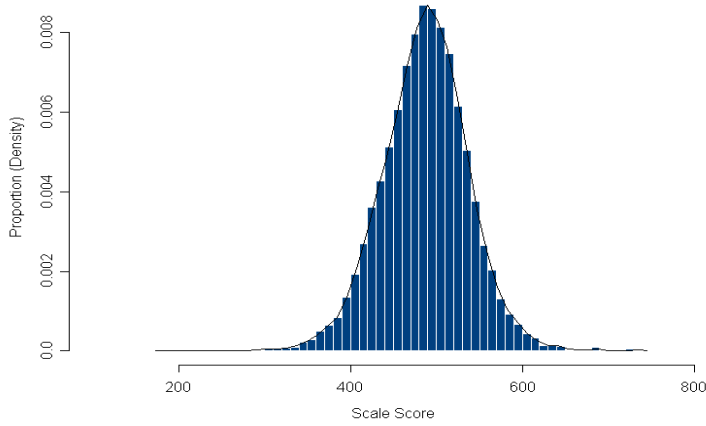
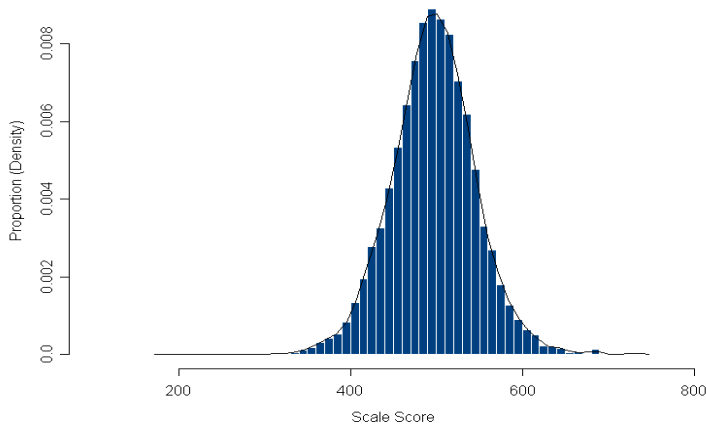


Figure 37. Grade 4 Writing Scale Score Distributions for the Total Population, Female, and Male Students

2013 Writing 4 Scale Score Distribution (Total)



2013 Writing 4 Scale Score Distribution (Female)



2013 Writing 4 Scale Score Distribution (Male)

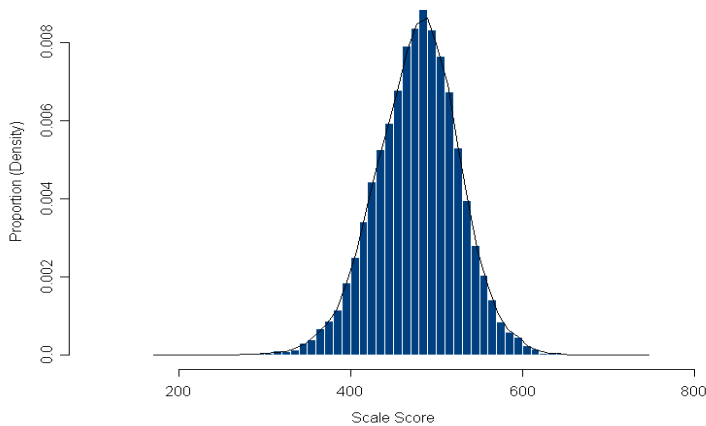
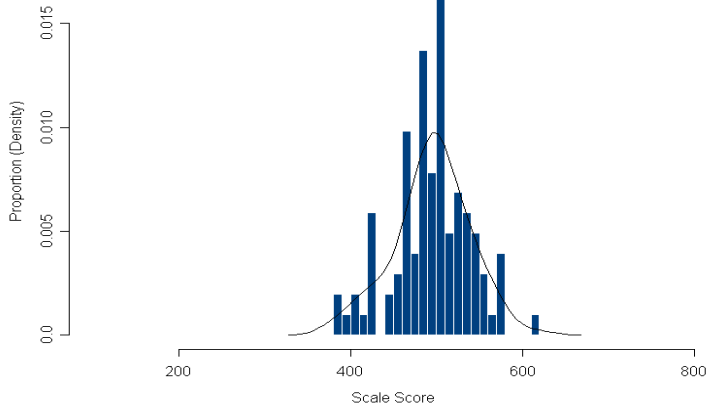
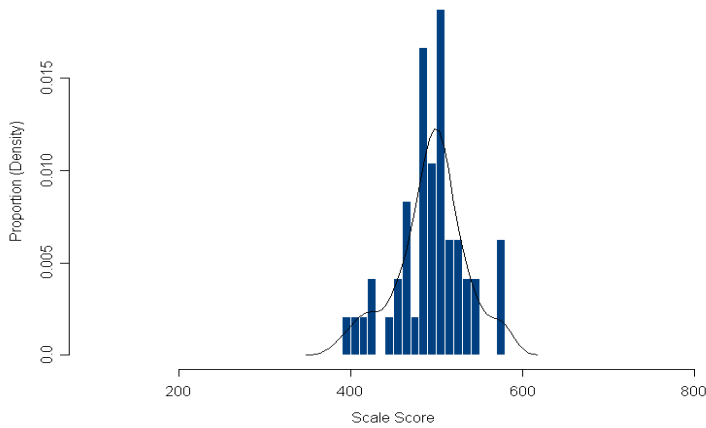


Figure 38. Grade 4 Writing (Spanish) Scale Score Distributions for the Total Population, Female, and Male Students

2013 Spanish Writing 4 Scale Score Distribution (Total)



2013 Spanish Writing 4 Scale Score Distribution (Female)



2013 Spanish Writing 4 Scale Score Distribution (Male)

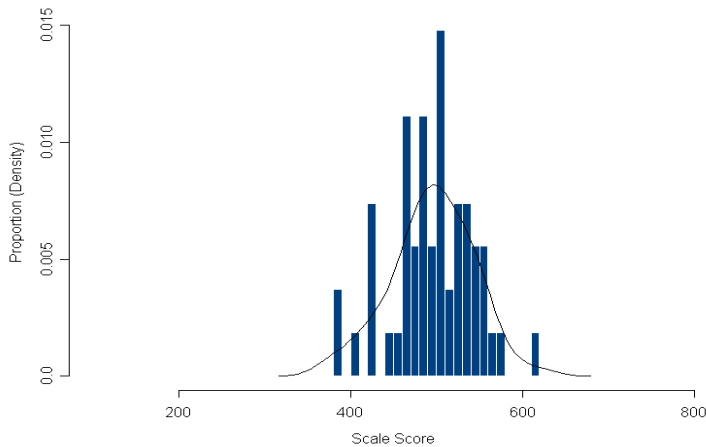


Figure 39. Grade 4 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students

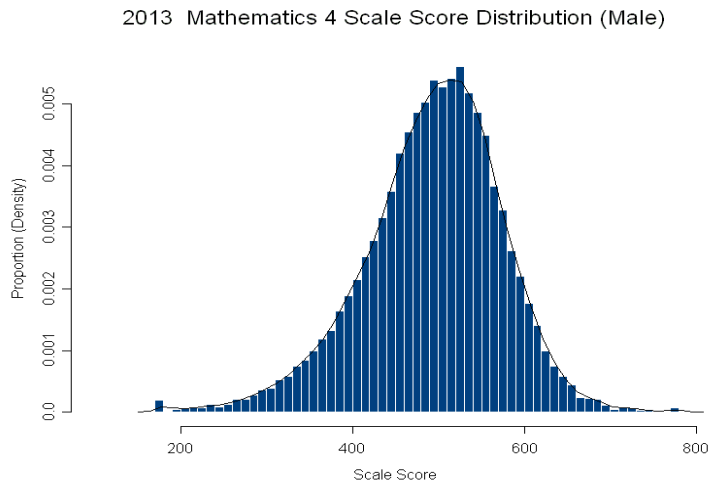
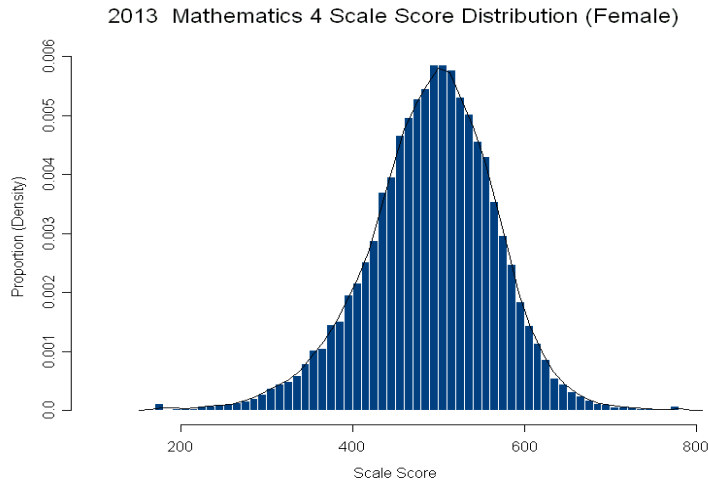
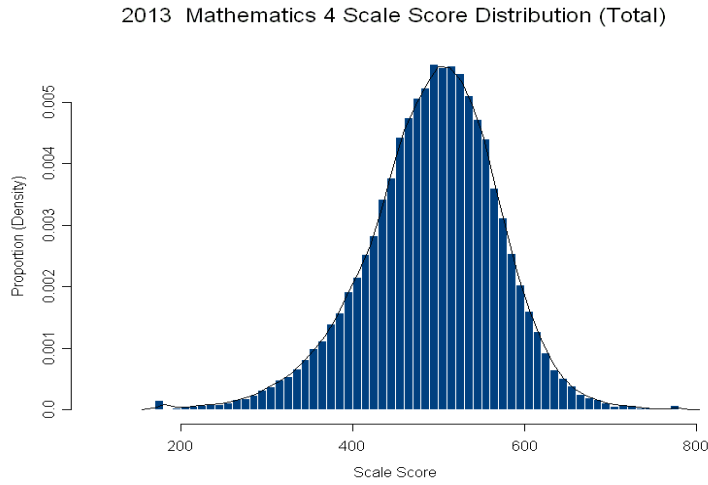
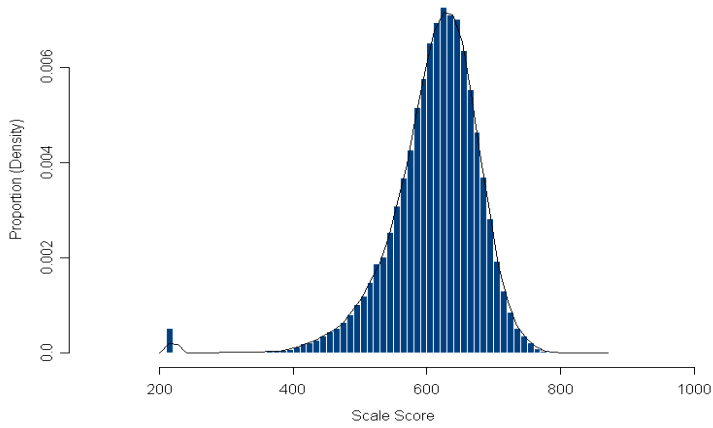
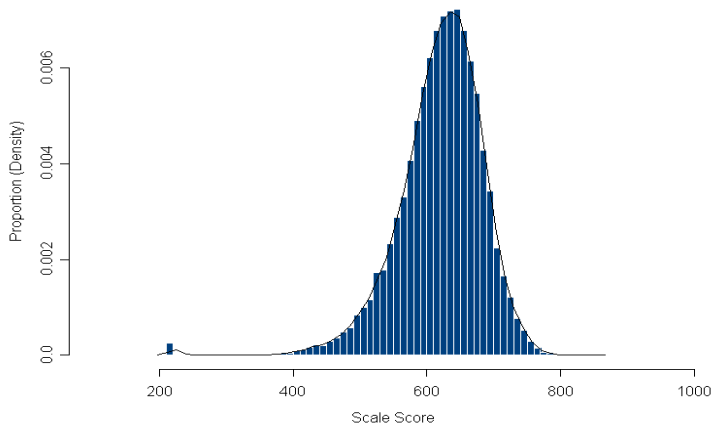


Figure 40. Grade 5 Reading Scale Score Distributions for the Total Population, Female, and Male Students

2013 Reading 5 Scale Score Distribution (Total)



2013 Reading 5 Scale Score Distribution (Female)



2013 Reading 5 Scale Score Distribution (Male)

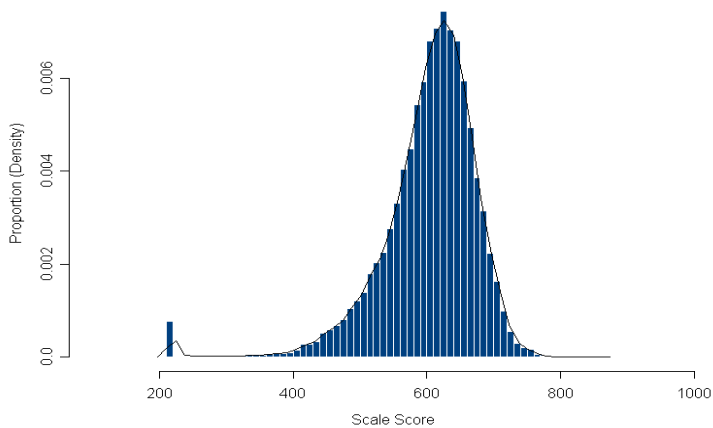


Figure 41. Grade 5 Writing Scale Score Distributions for the Total Population, Female, and Male Students

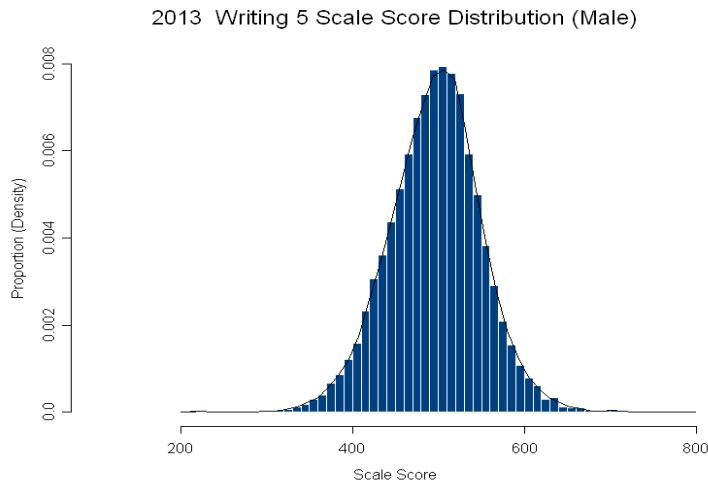
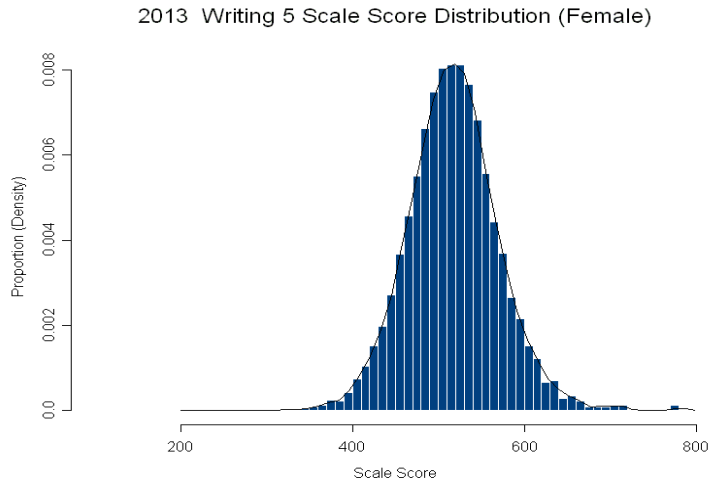
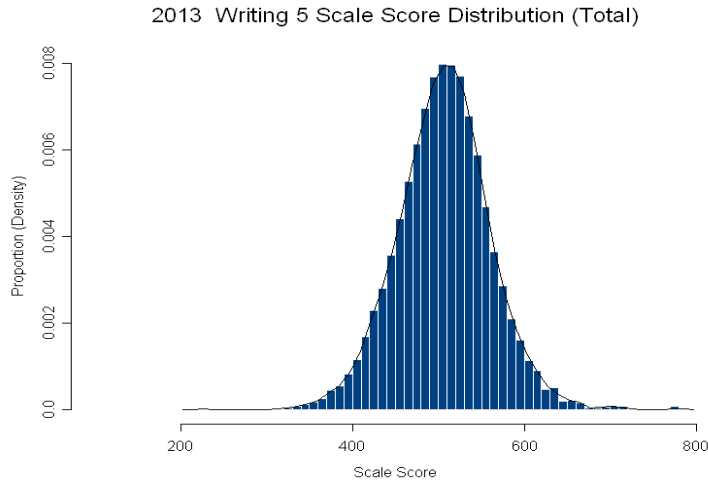


Figure 42. Grade 5 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students

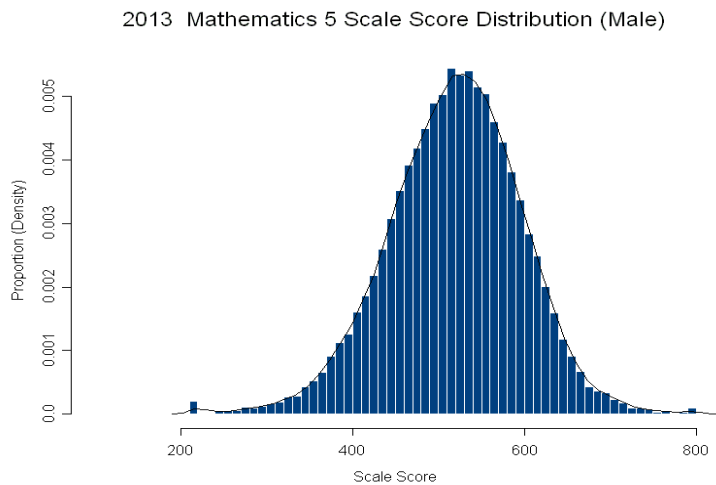
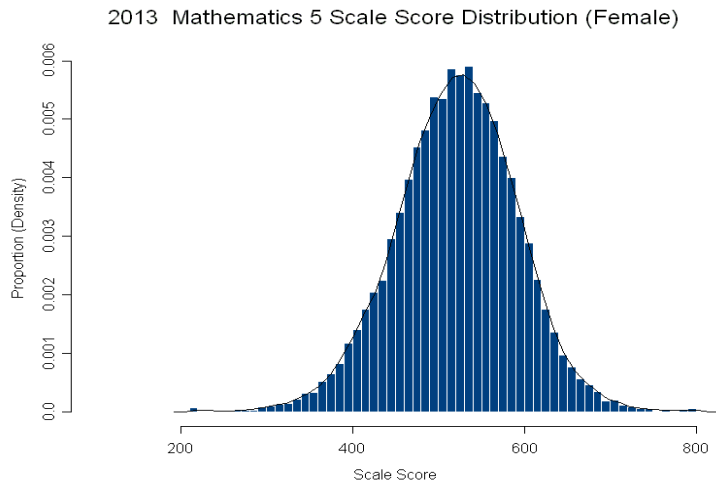
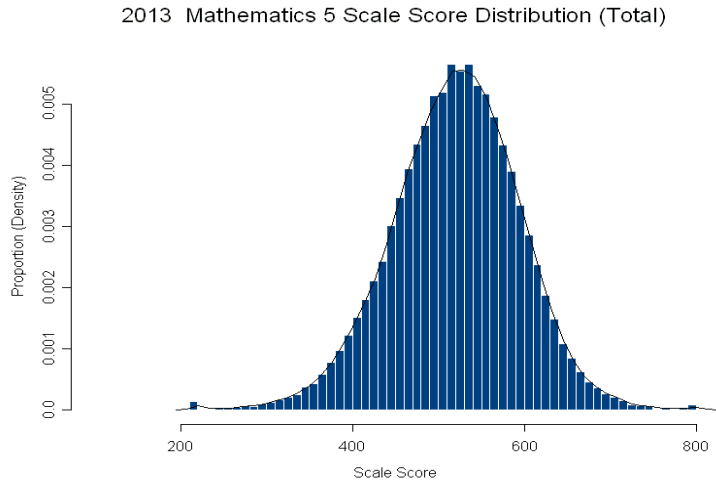
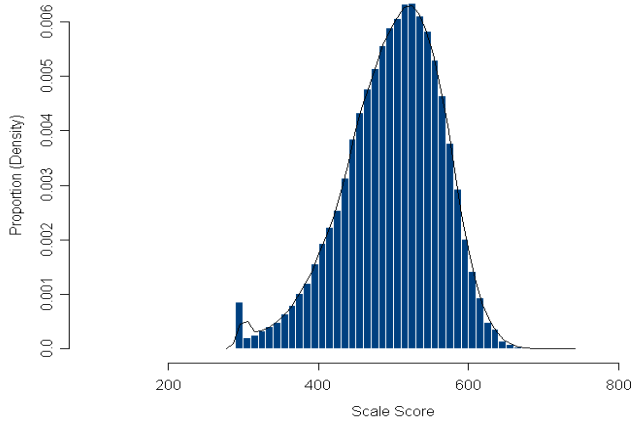
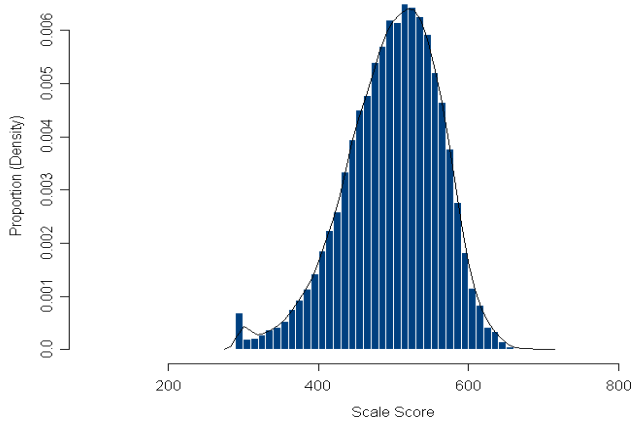


Figure 43. Grade 5 Science Scale Score Distributions for the Total Population, Female, and Male Students

2013 Science 5 Scale Score Distribution (Total)



2013 Science 5 Scale Score Distribution (Female)



2013 Science 5 Scale Score Distribution (Male)

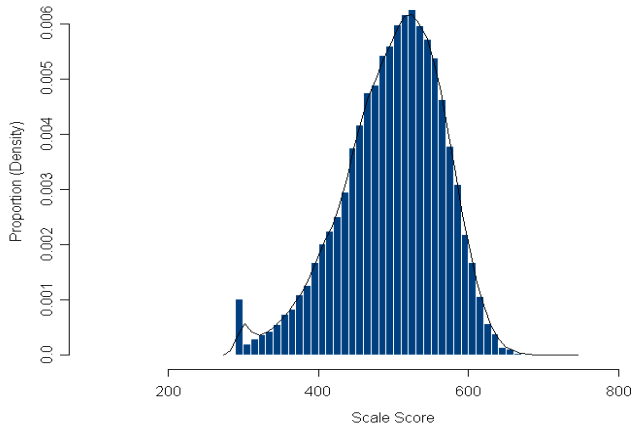


Figure 44. Grade 6 Reading Scale Score Distributions for the Total Population, Female, and Male Students

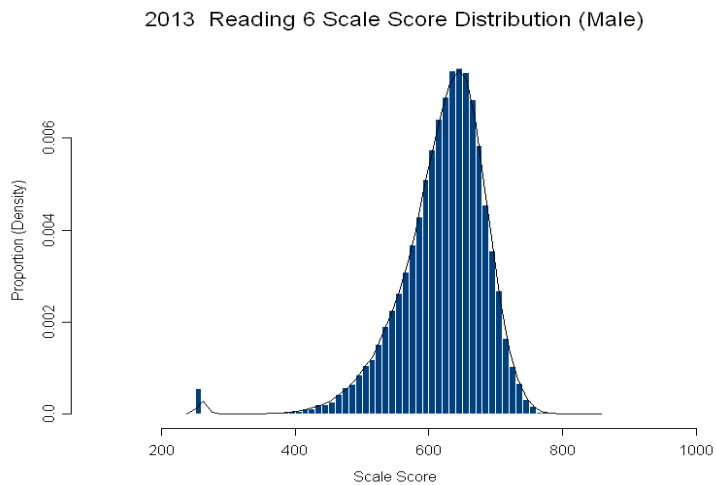
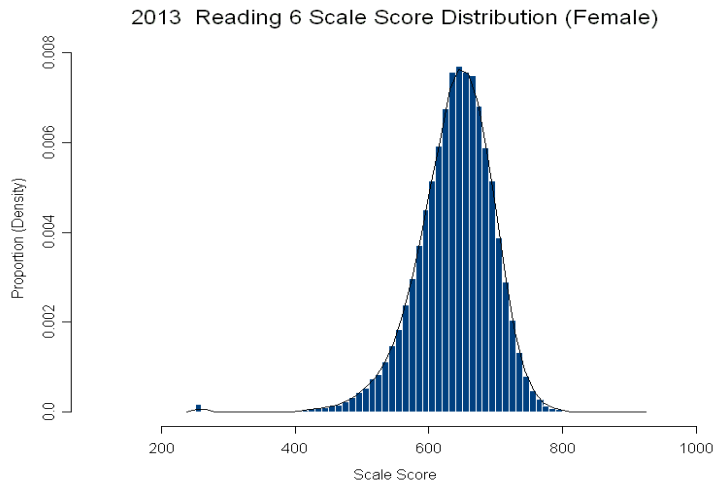
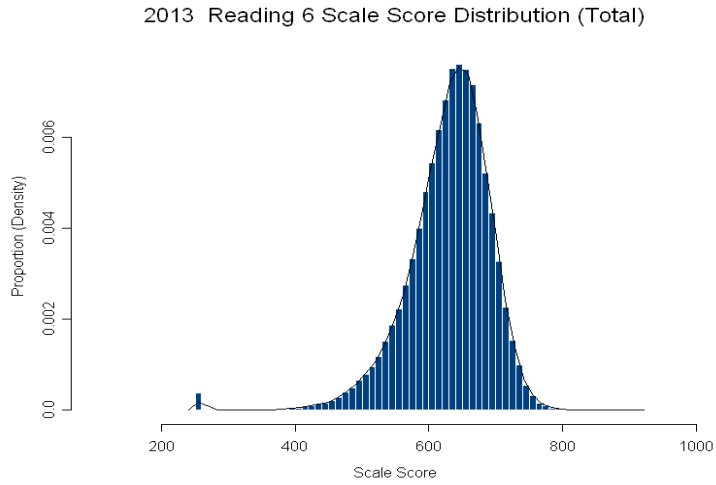
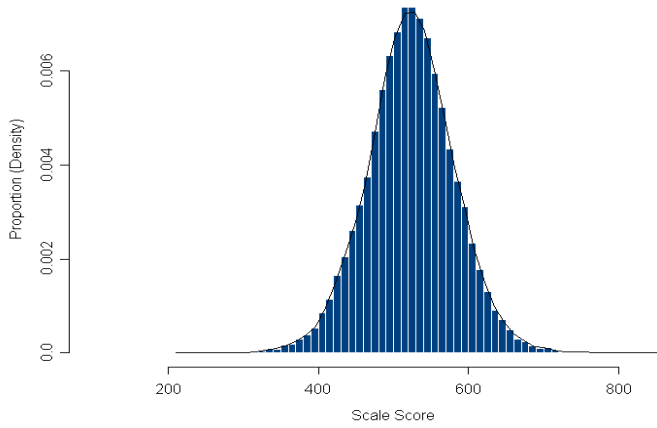
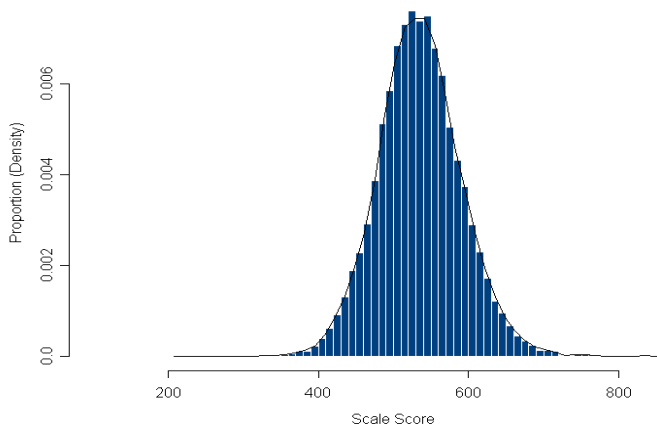


Figure 45. Grade 6 Writing Scale Score Distributions for the Total Population, Female, and Male Students

2013 Writing 6 Scale Score Distribution (Total)



2013 Writing 6 Scale Score Distribution (Female)



2013 Writing 6 Scale Score Distribution (Male)

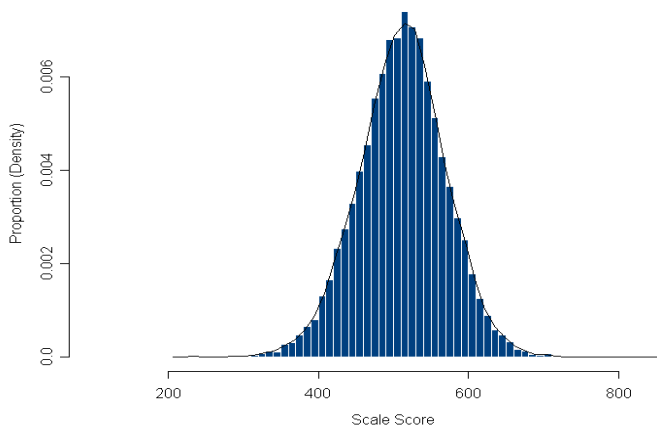


Figure 46. Grade 6 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students

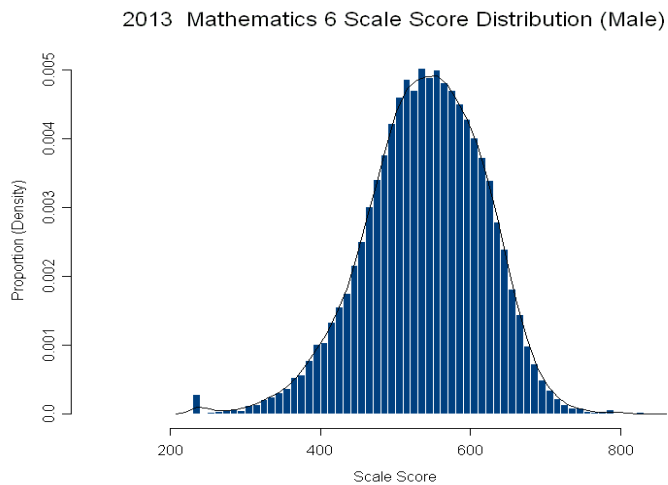
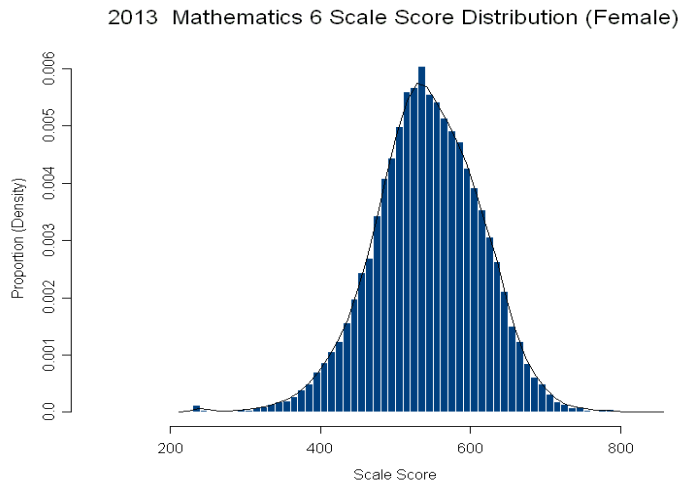
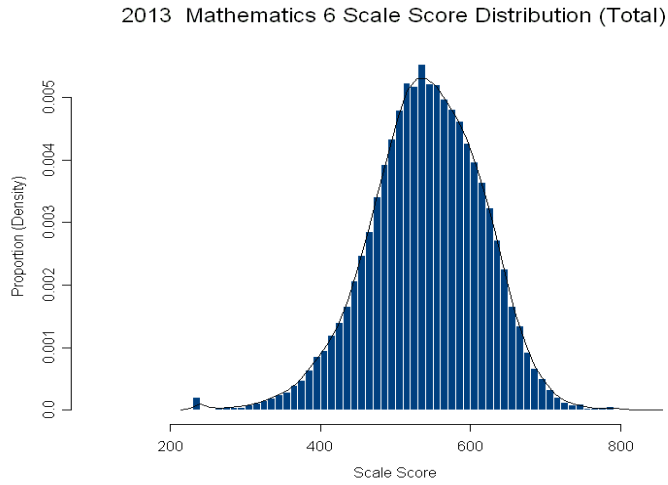
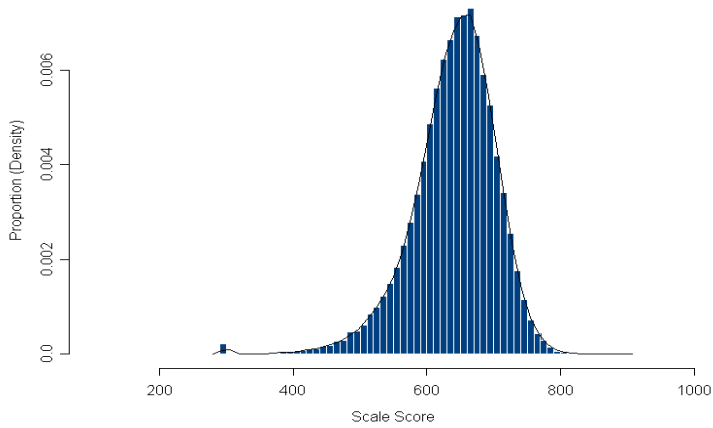
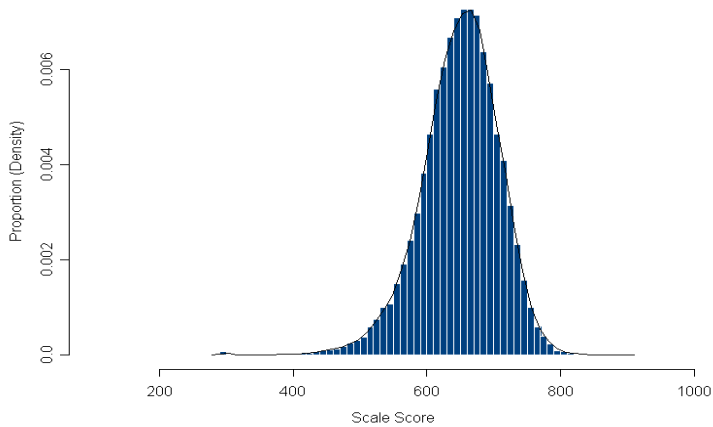


Figure 47. Grade 7 Reading Scale Score Distributions for the Total Population, Female, and Male Students

2013 Reading 7 Scale Score Distribution (Total)



2013 Reading 7 Scale Score Distribution (Female)



2013 Reading 7 Scale Score Distribution (Male)

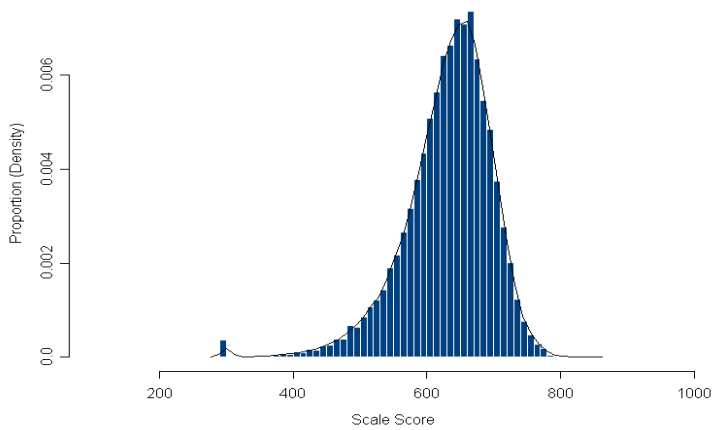
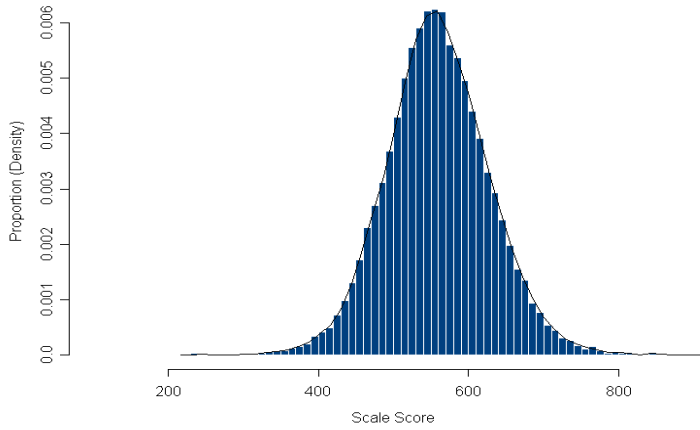
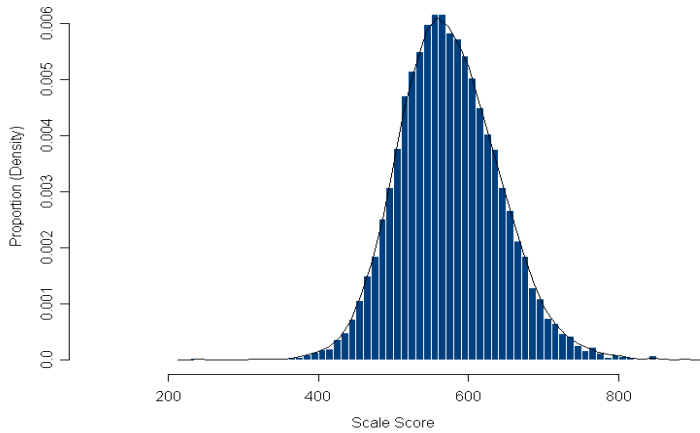


Figure 48. Grade 7 Writing Scale Score Distributions for the Total Population, Female, and Male Students

2013 Writing 7 Scale Score Distribution (Total)



2013 Writing 7 Scale Score Distribution (Female)



2013 Writing 7 Scale Score Distribution (Male)

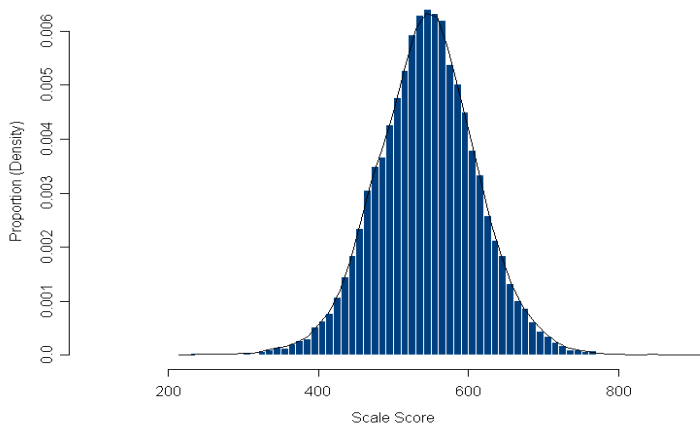


Figure 49. Grade 7 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students

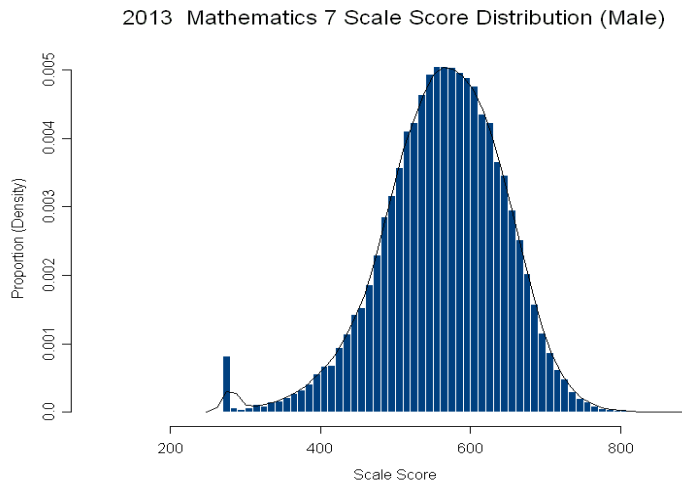
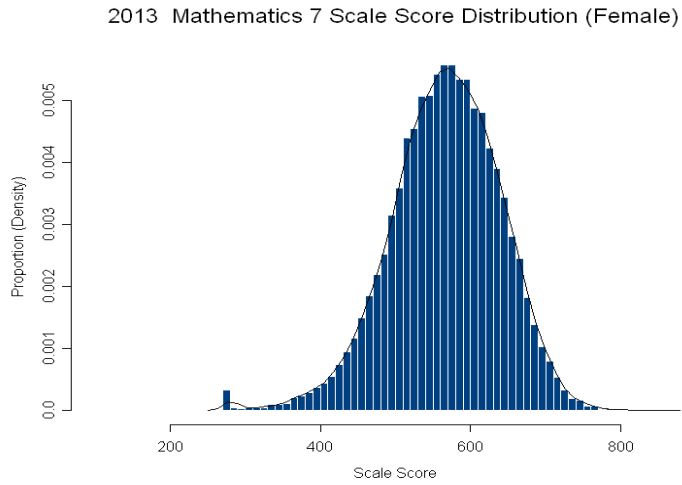
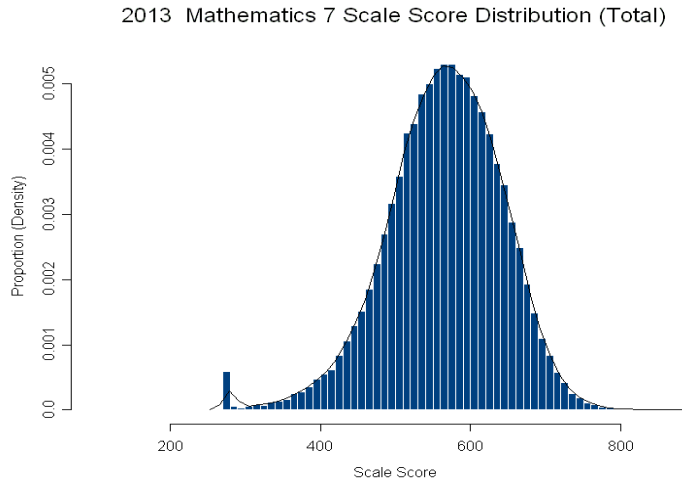


Figure 50. Grade 8 Reading Scale Score Distributions for the Total Population, Female, and Male Students

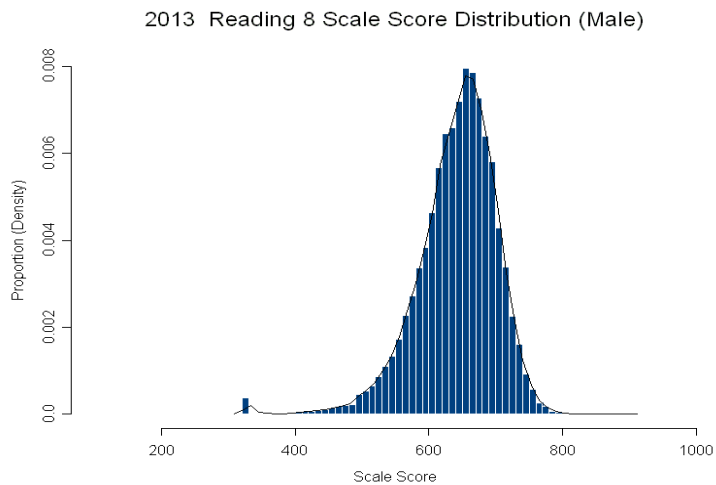
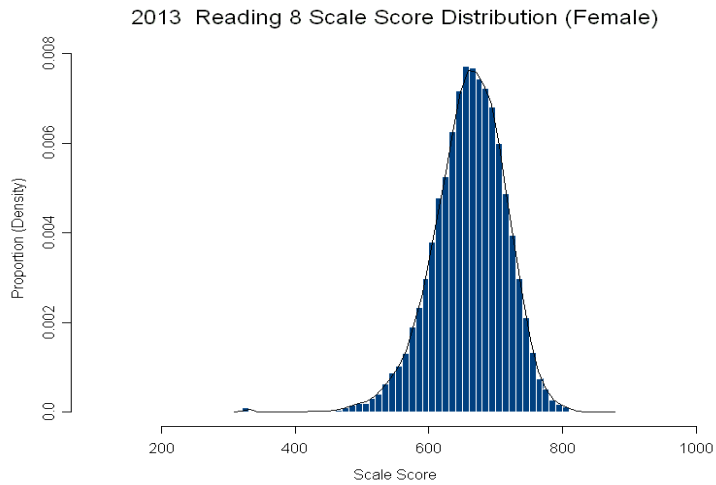
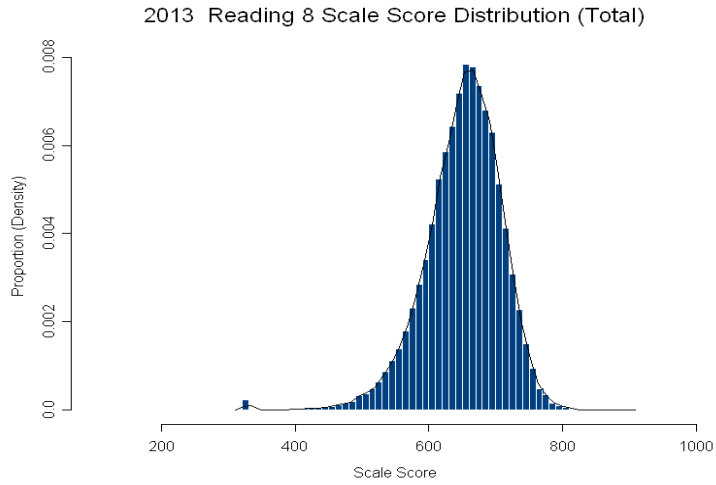
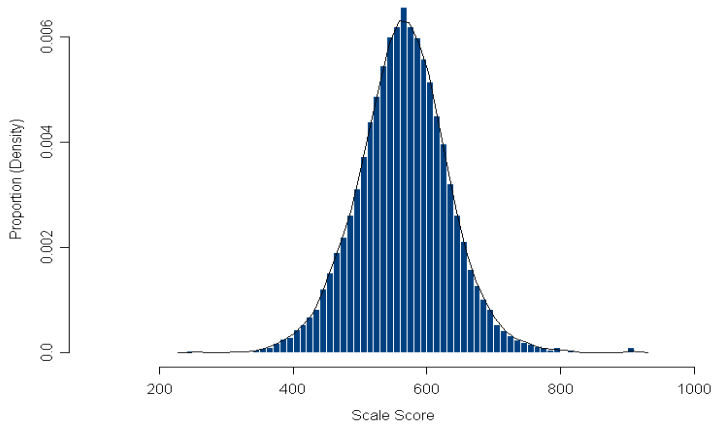
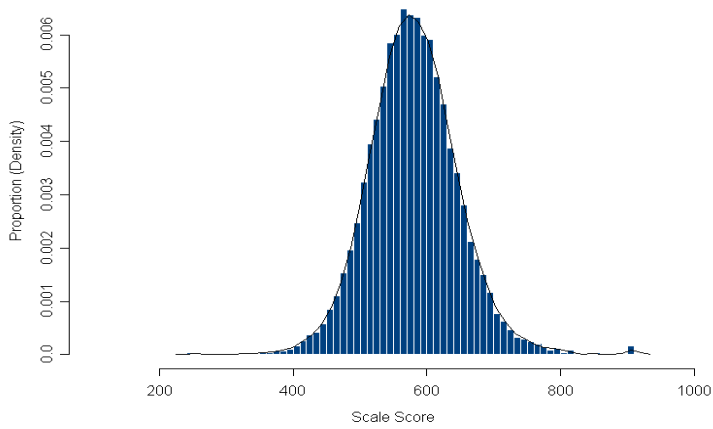


Figure 51. Grade 8 Writing Scale Score Distributions for the Total Population, Female, and Male Students

2013 Writing 8 Scale Score Distribution (Total)



2013 Writing 8 Scale Score Distribution (Female)



2013 Writing 8 Scale Score Distribution (Male)

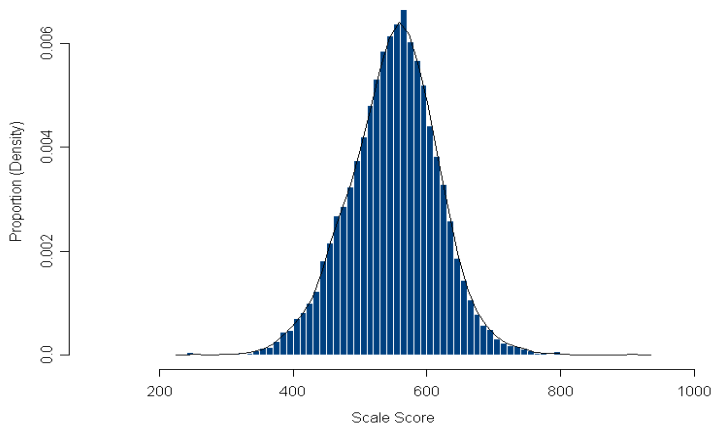


Figure 52. Grade 8 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students

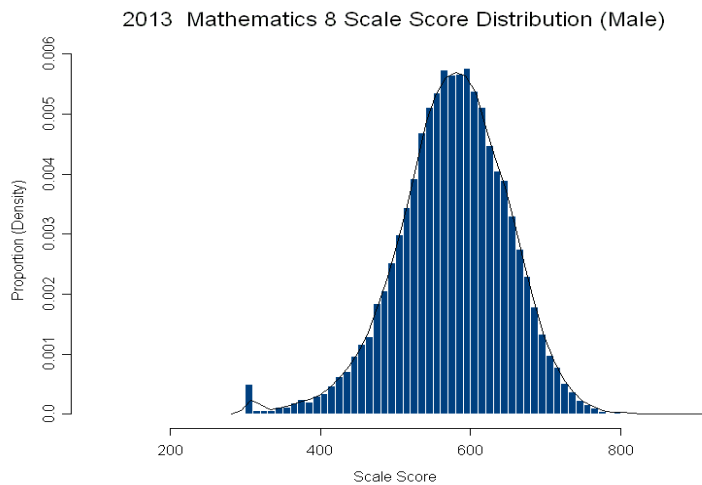
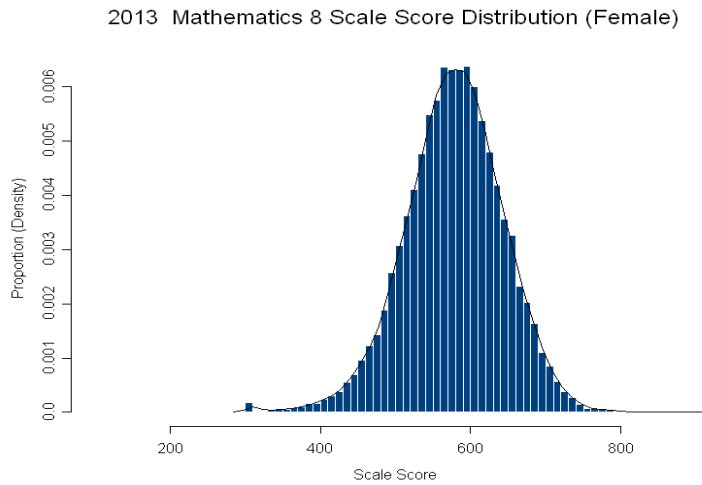
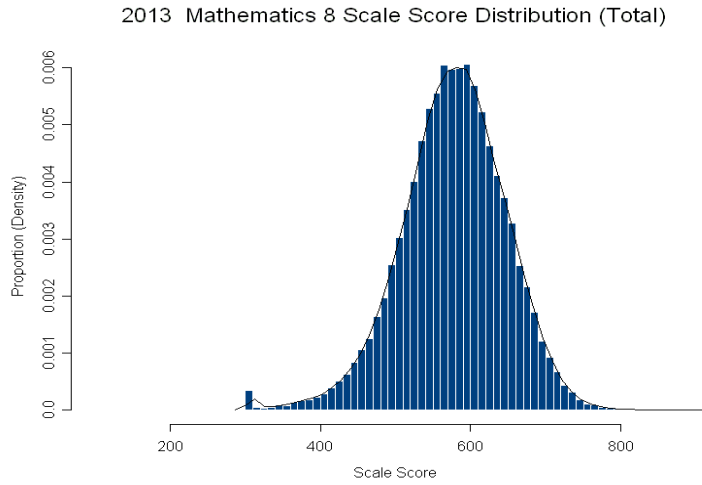
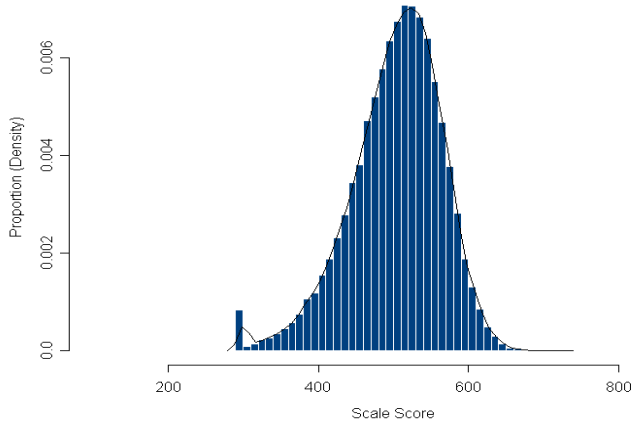
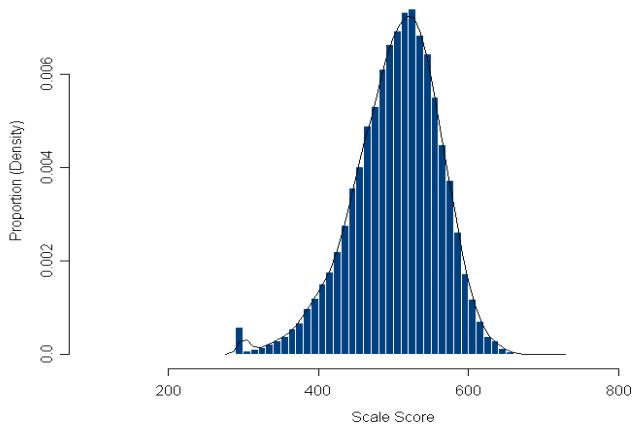


Figure 53. Grade 8 Science Scale Score Distributions for the Total Population, Female, and Male Students

2013 Science 8 Scale Score Distribution (Total)



2013 Science 8 Scale Score Distribution (Female)



2013 Science 8 Scale Score Distribution (Male)

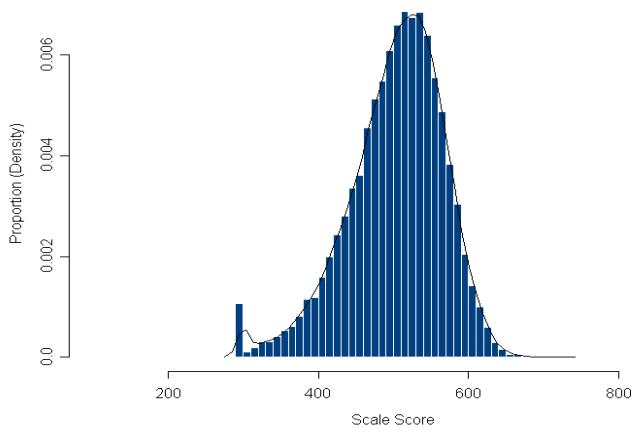


Figure 54. Grade 9 Reading Scale Score Distributions for the Total Population, Female, and Male Students

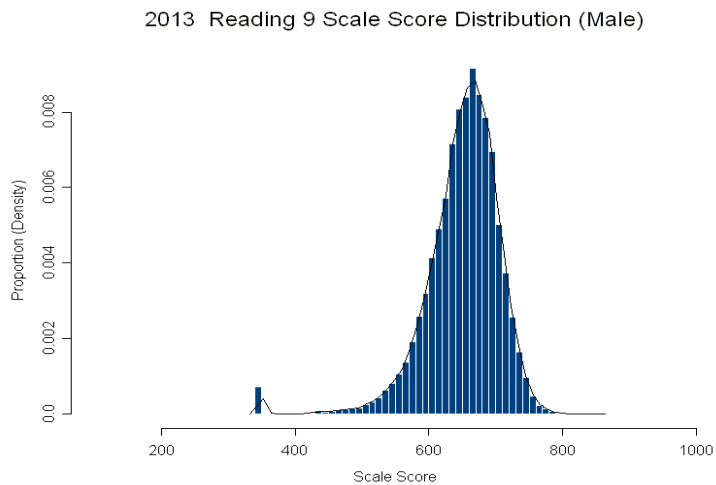
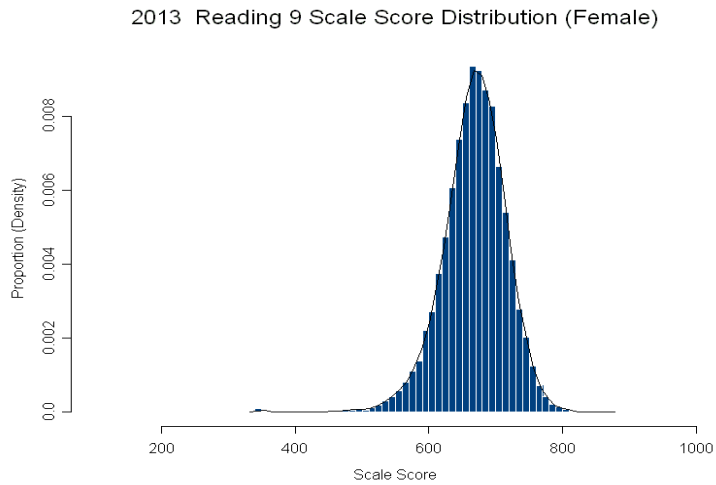
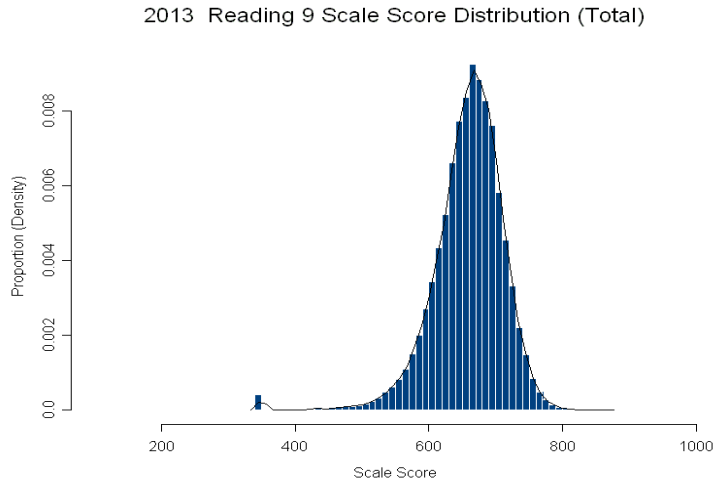


Figure 55. Grade 9 Writing Scale Score Distributions for the Total Population, Female, and Male Students

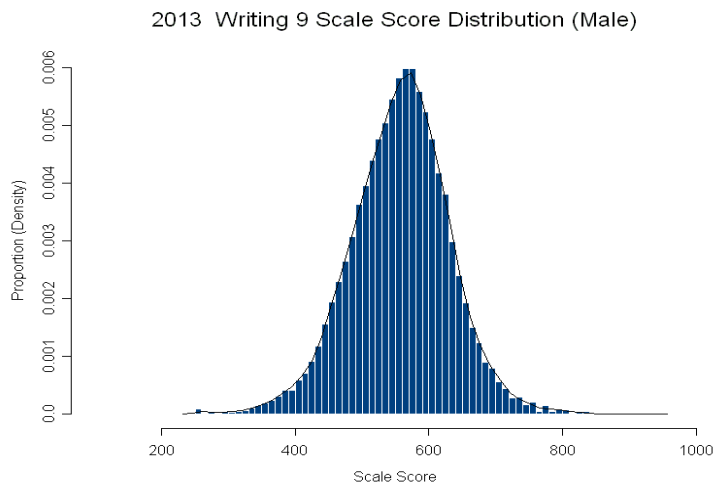
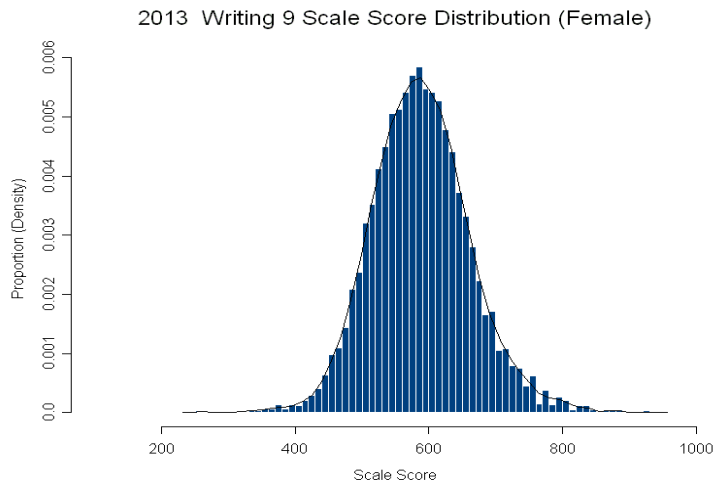
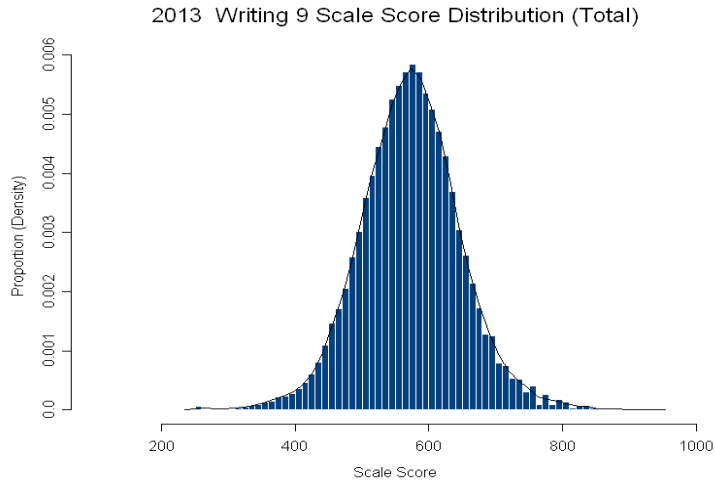


Figure 56. Grade 9 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students

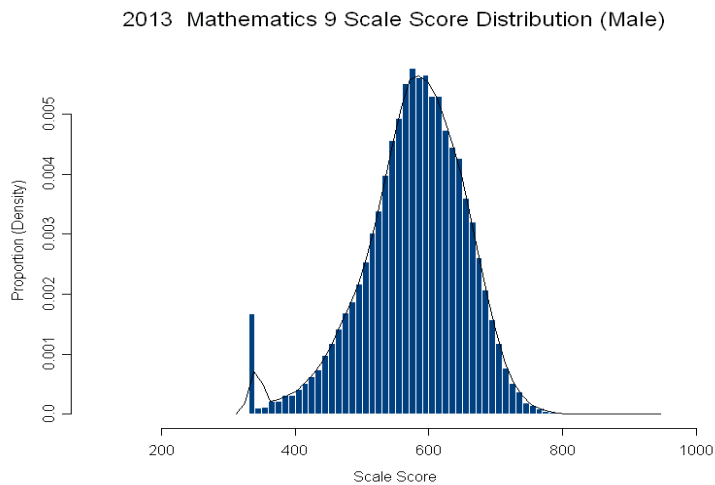
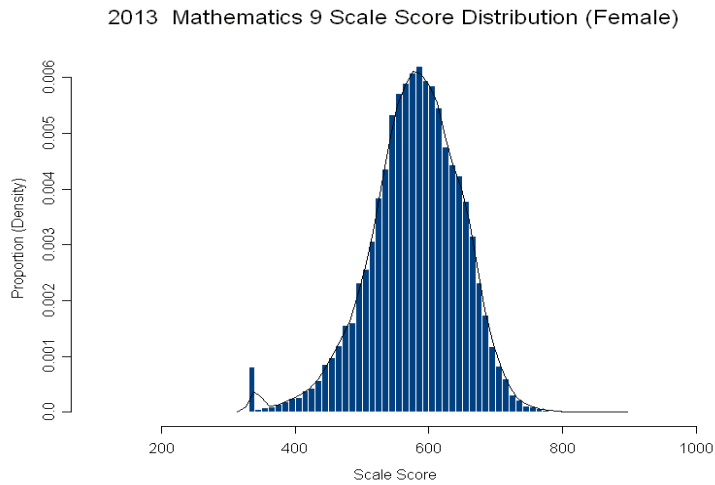
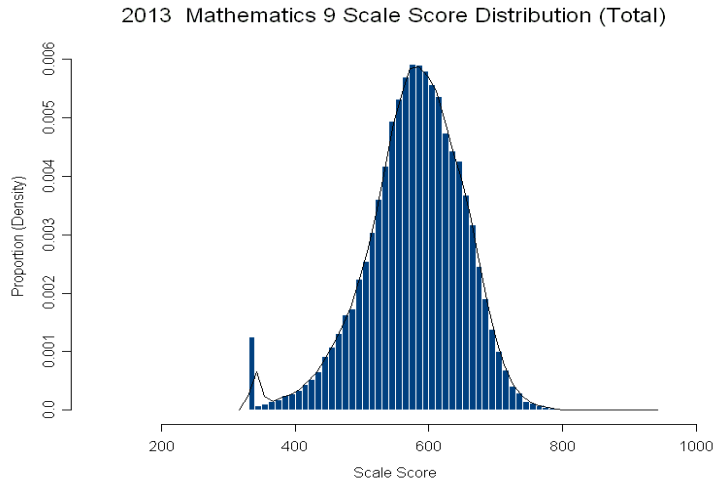


Figure 57. Grade 10 Reading Scale Score Distributions for the Total Population, Female, and Male Students

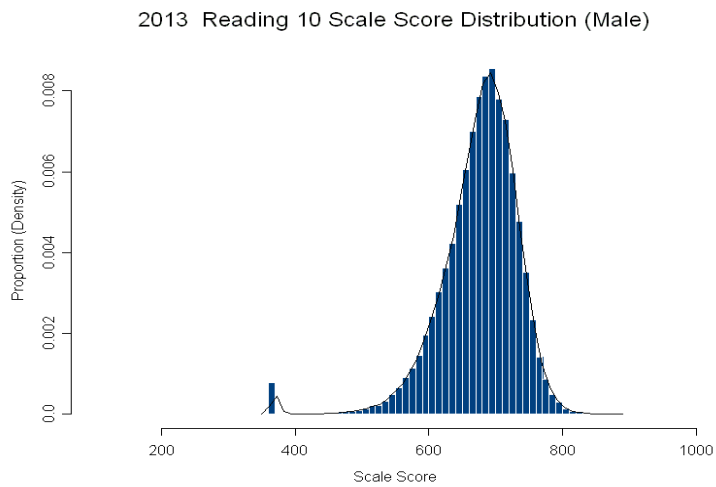
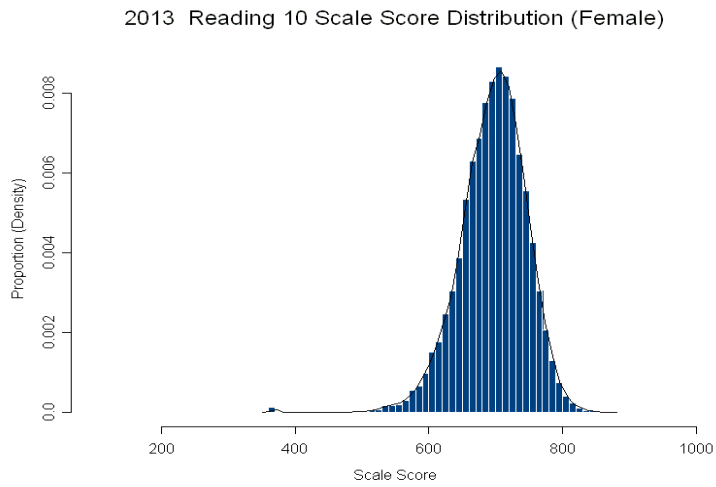
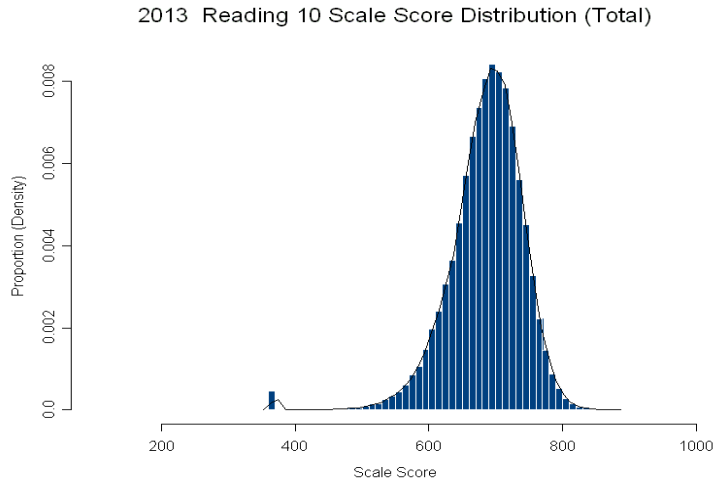


Figure 58. Grade 10 Writing Scale Score Distributions for the Total Population, Female, and Male Students

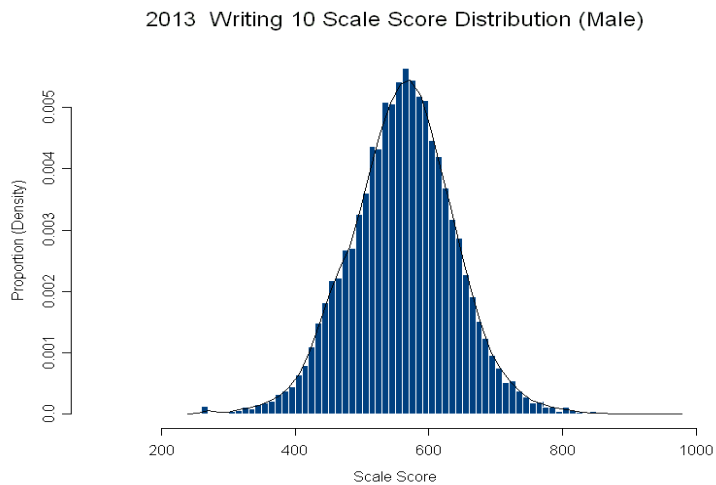
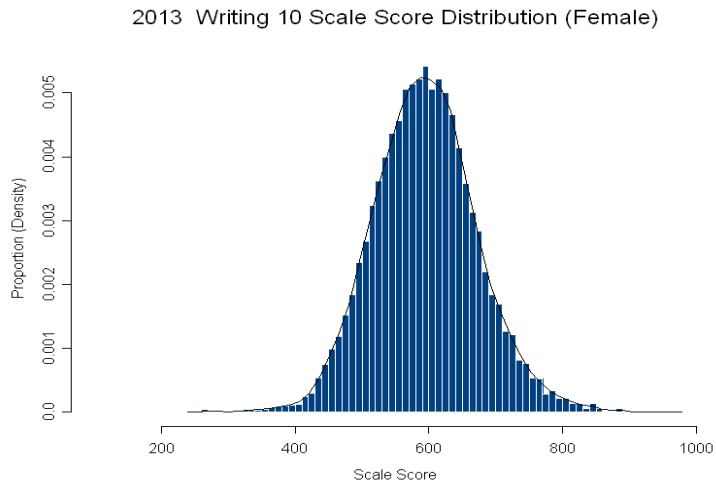
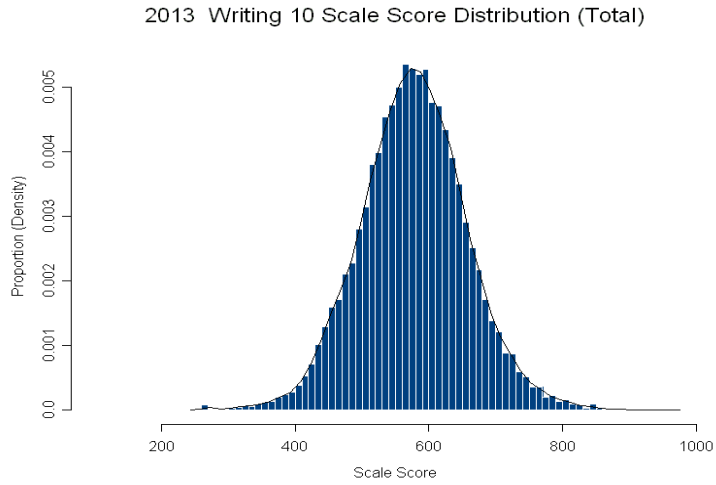


Figure 59. Grade 10 Mathematics Scale Score Distributions for the Total Population, Female, and Male Students

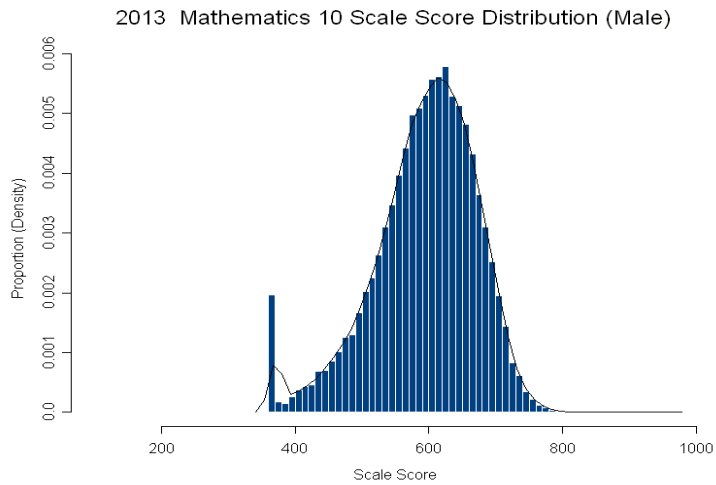
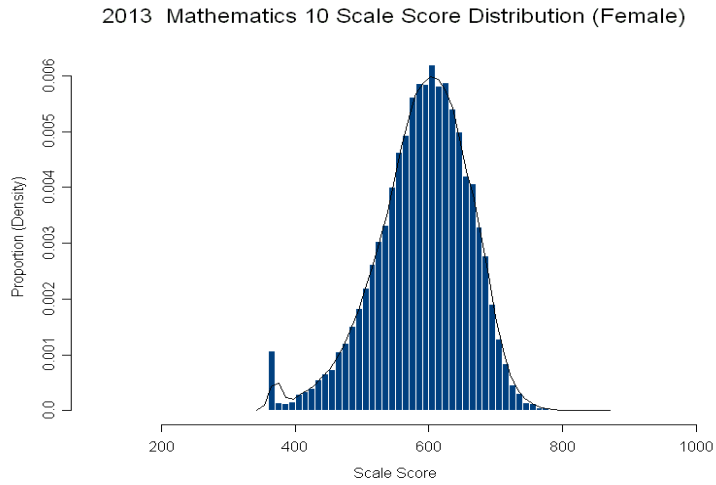
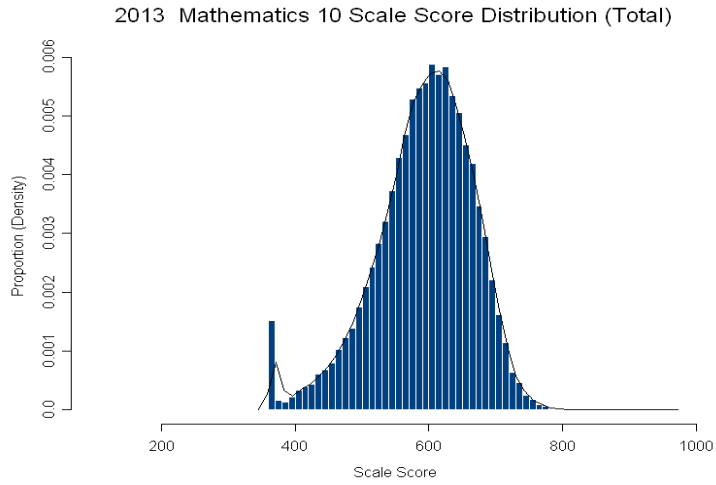
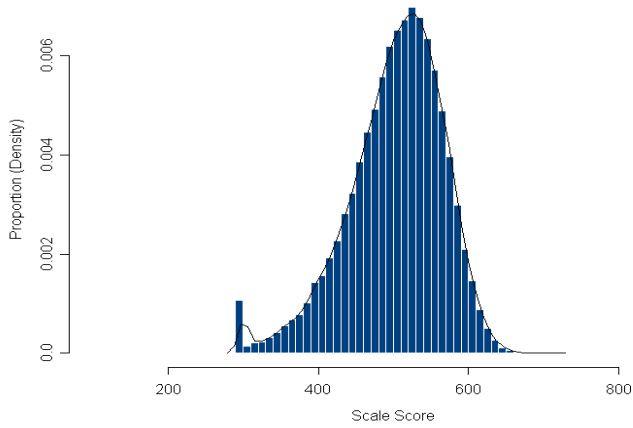
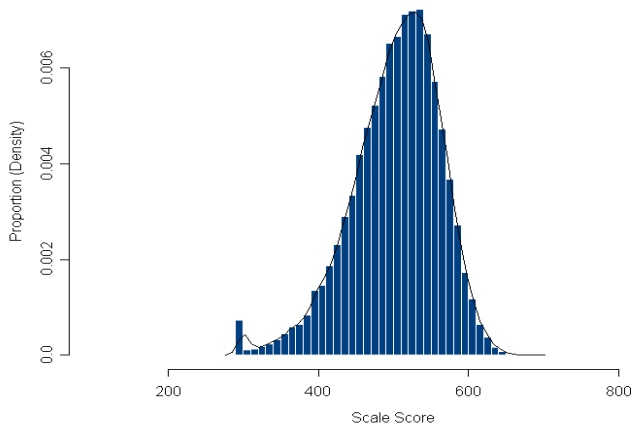


Figure 60. Grade 10 Science Scale Score Distributions for the Total Population, Female, and Male Students

2013 Science 10 Scale Score Distribution (Total)



2013 Science 10 Scale Score Distribution (Female)



2013 Science 10 Scale Score Distribution (Male)

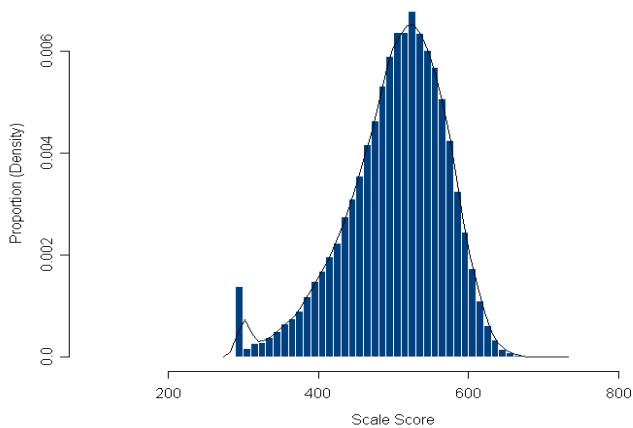


Figure 61. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 3 Reading

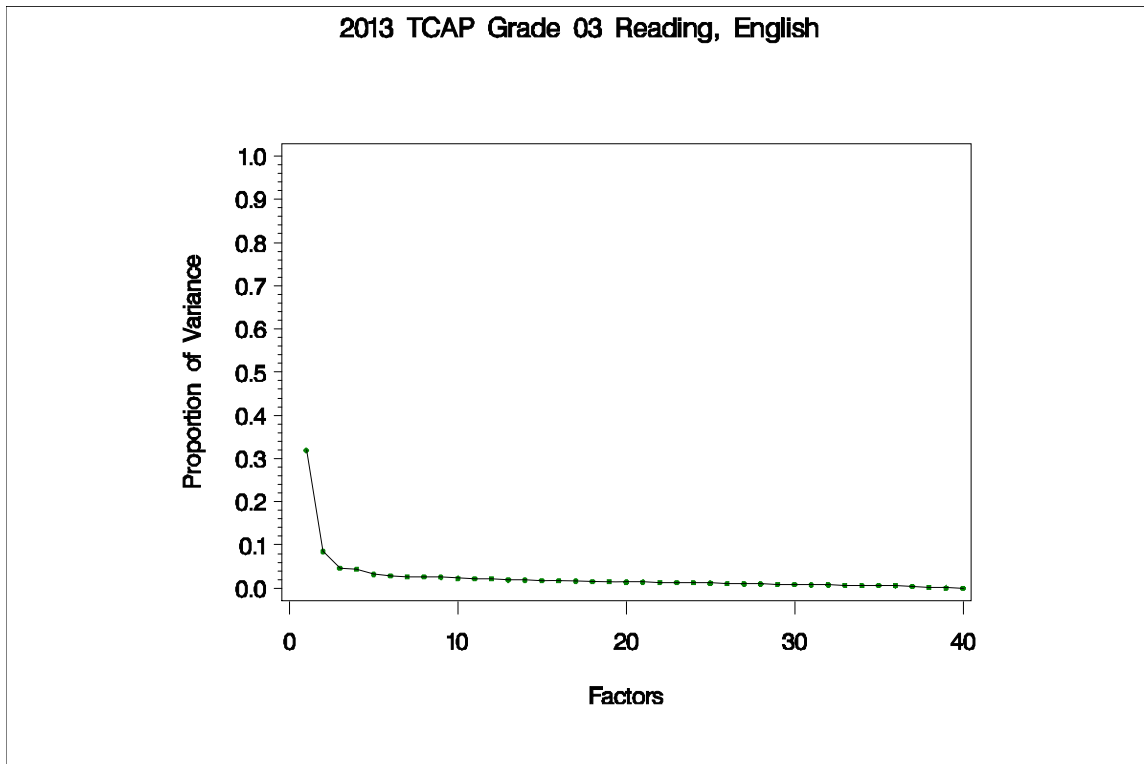
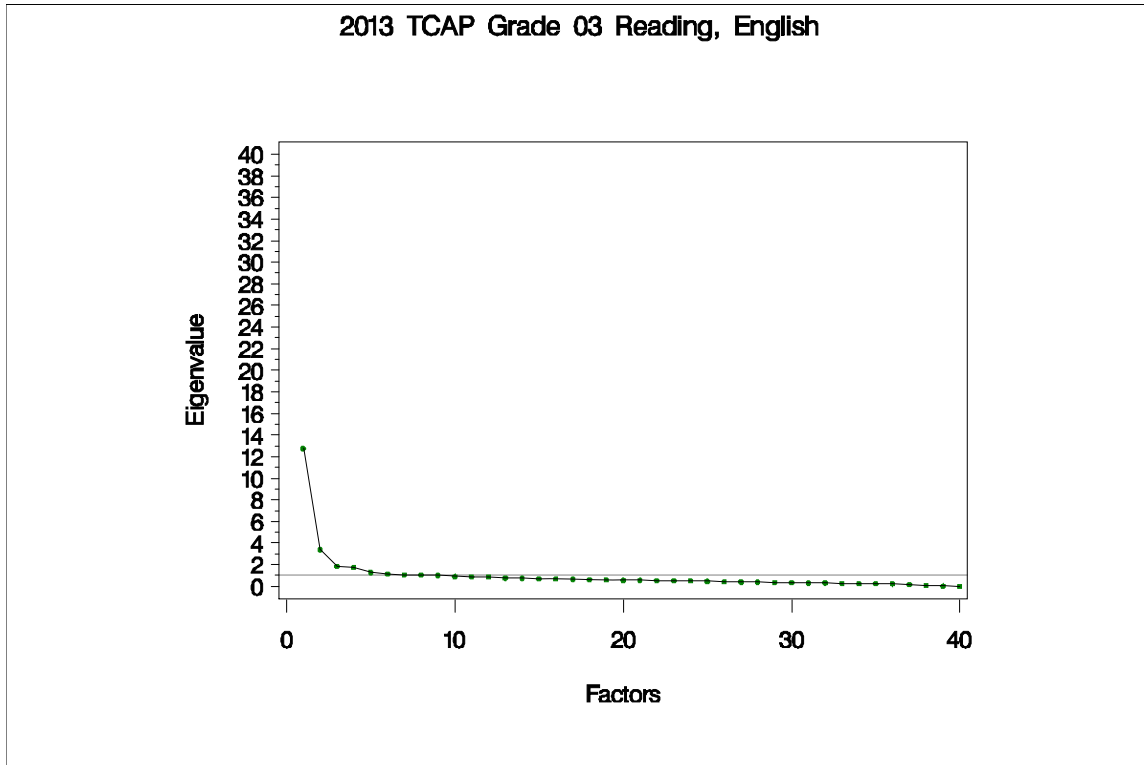


Figure 62. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 3 Reading (Spanish)

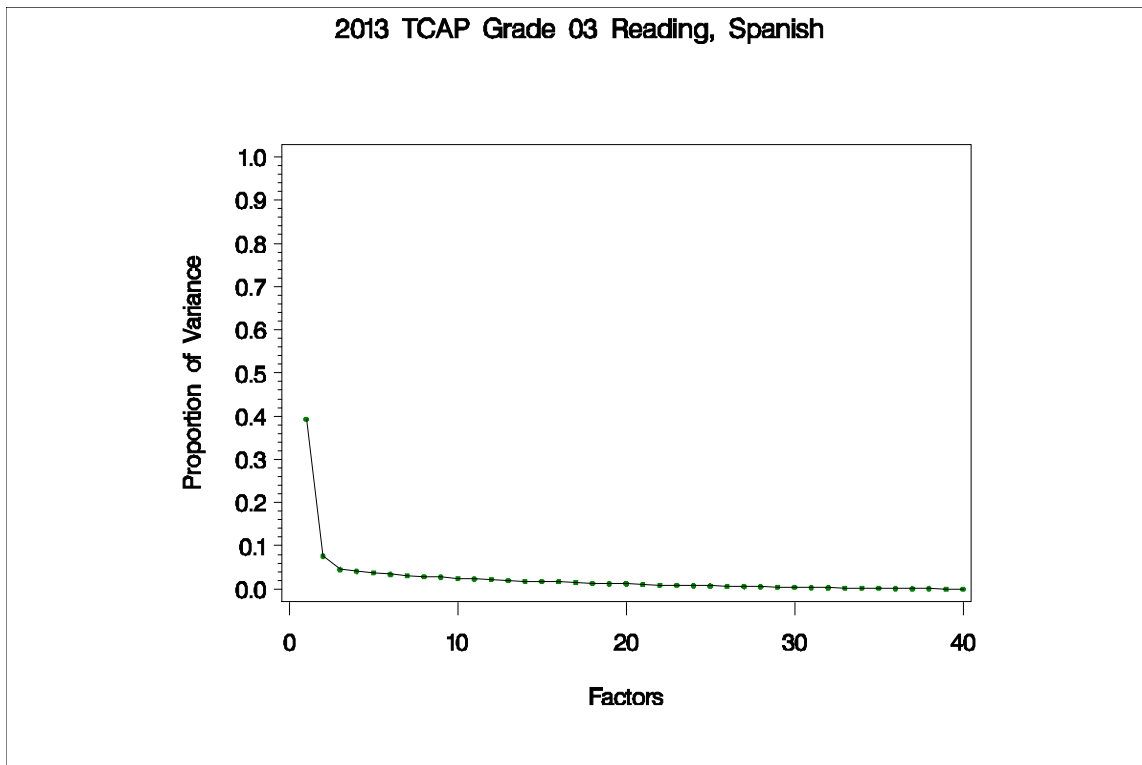
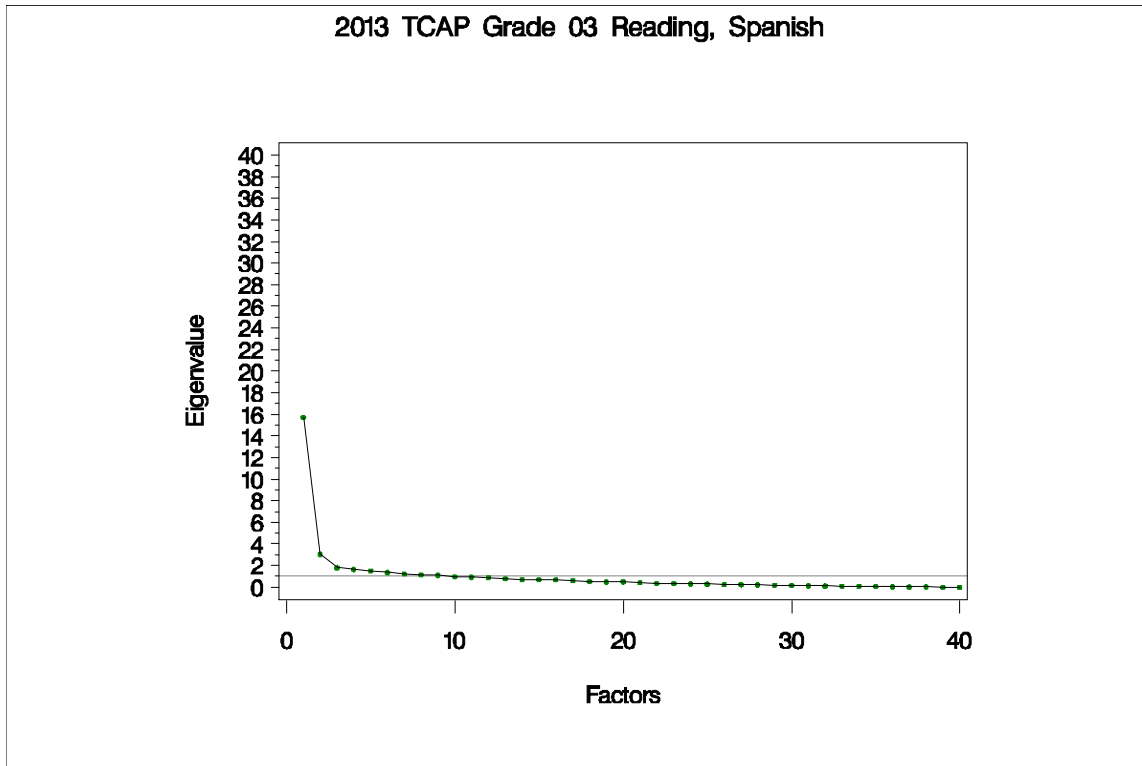


Figure 63. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 4 Reading

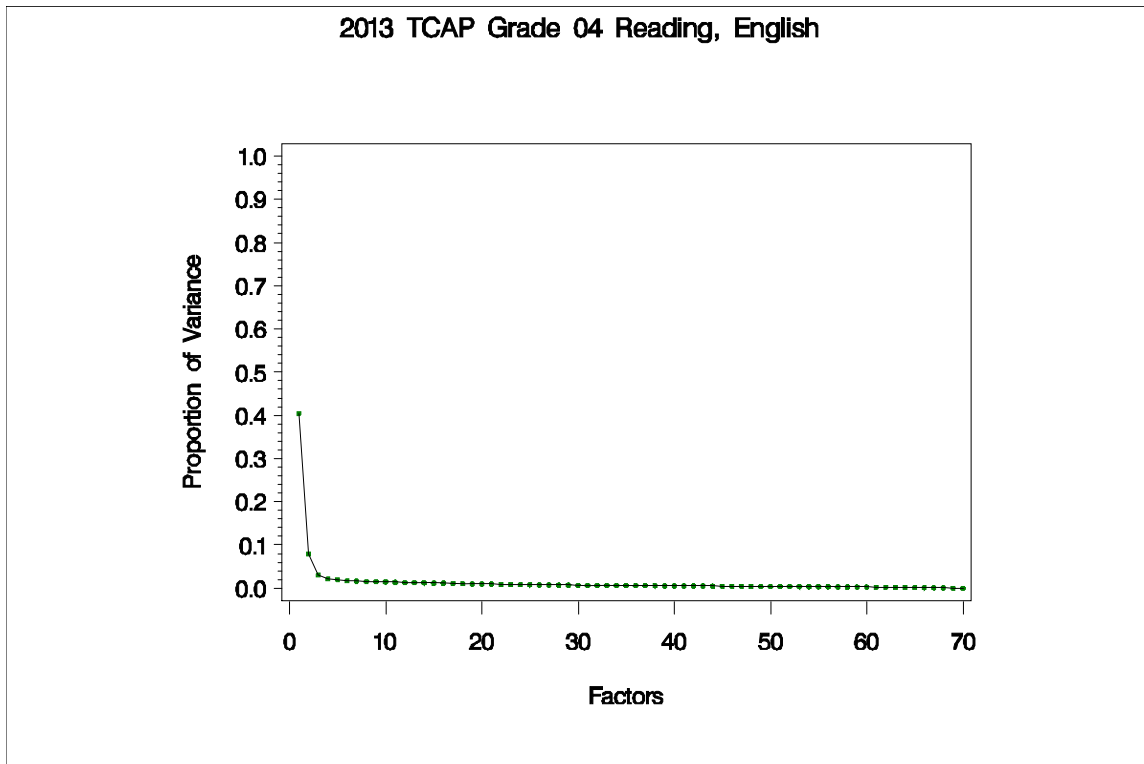
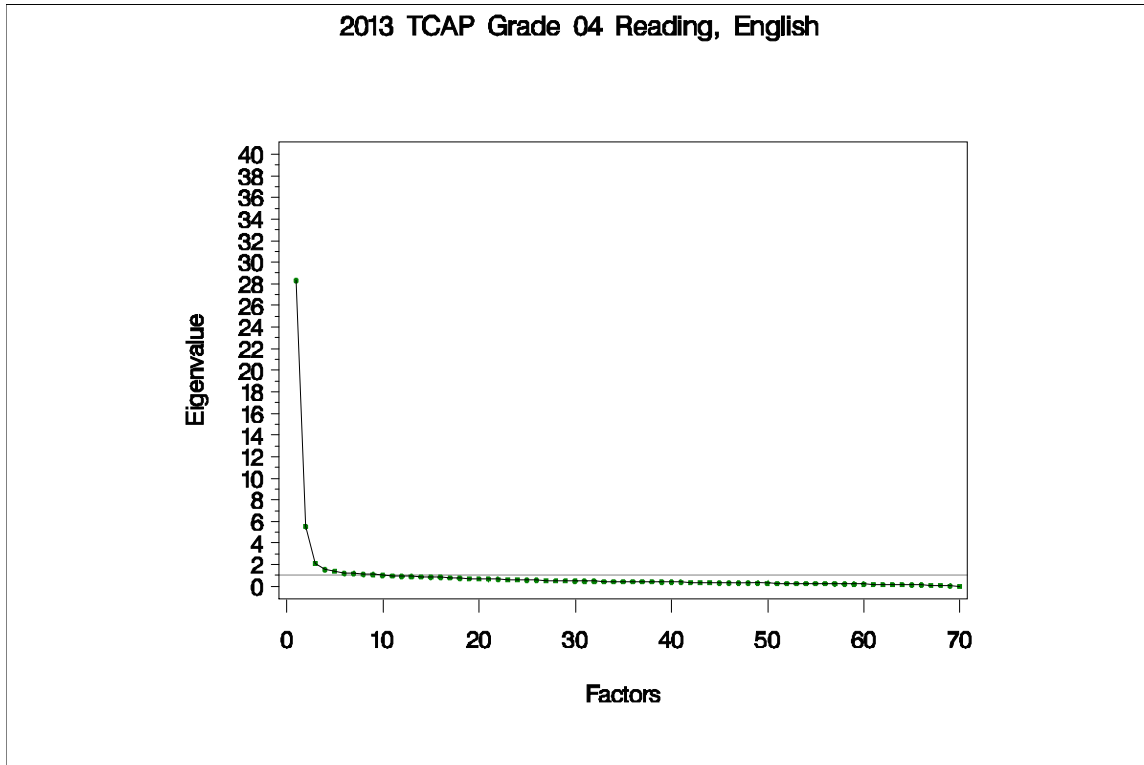


Figure 64. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 4 Reading (Spanish)

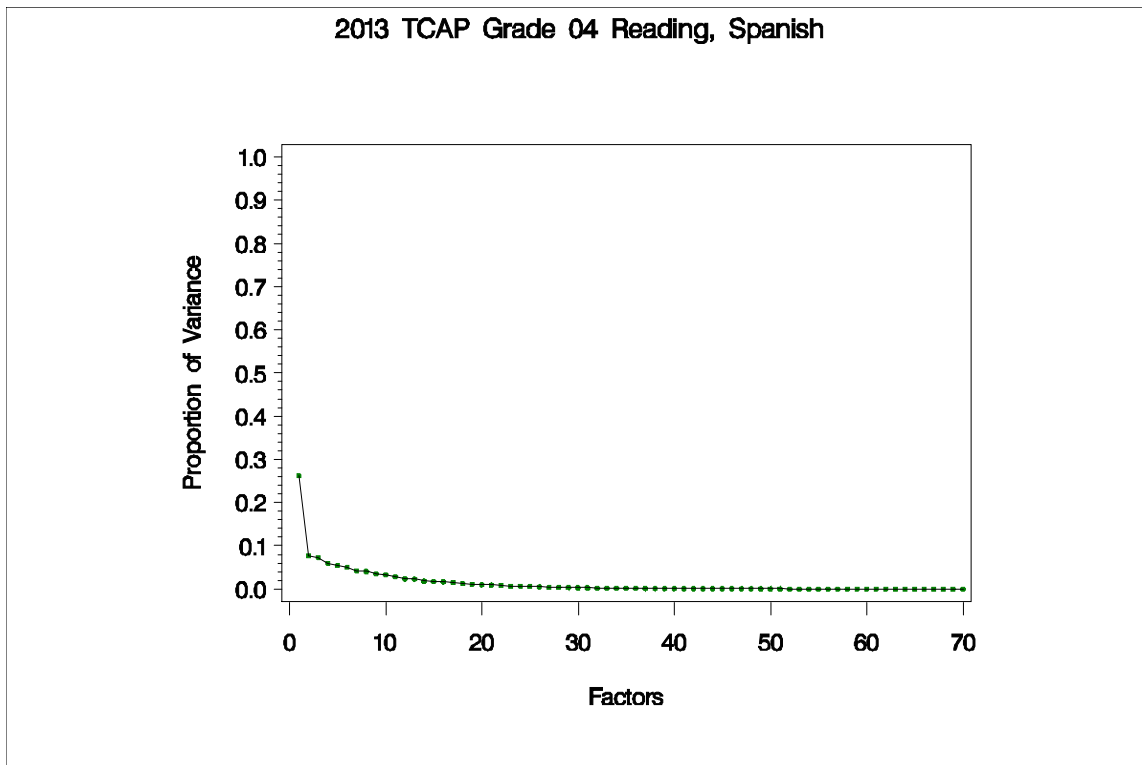
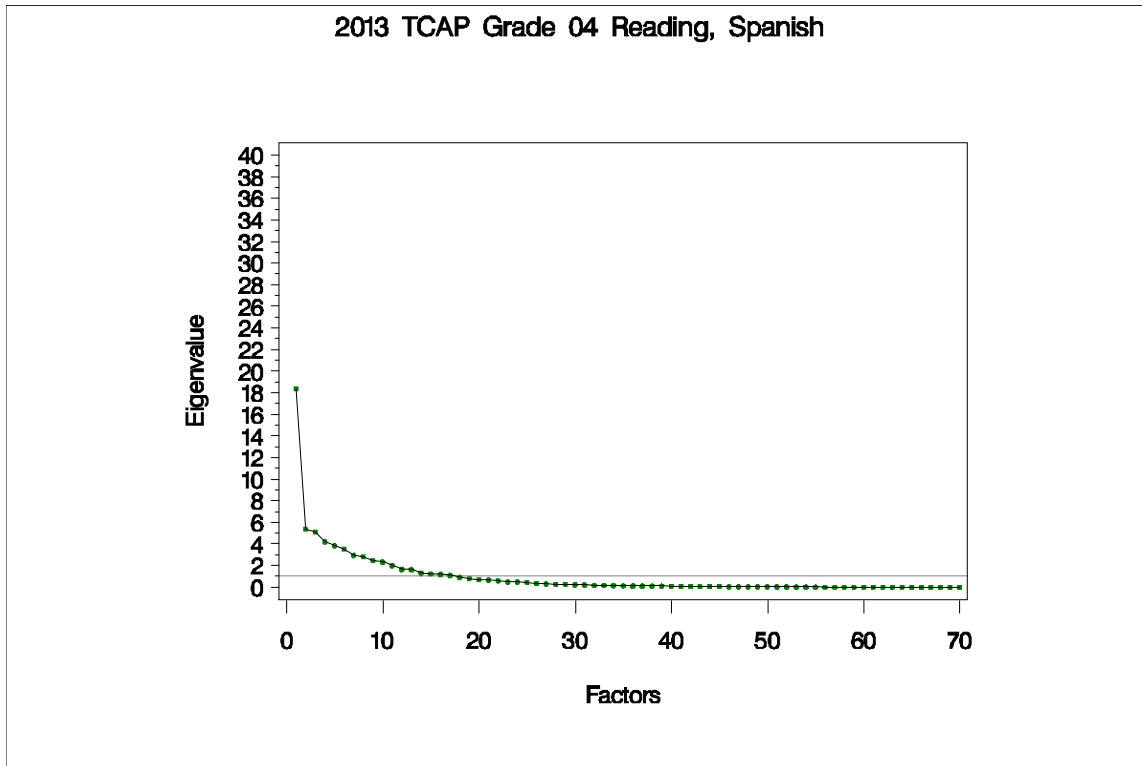


Figure 65. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 5 Reading

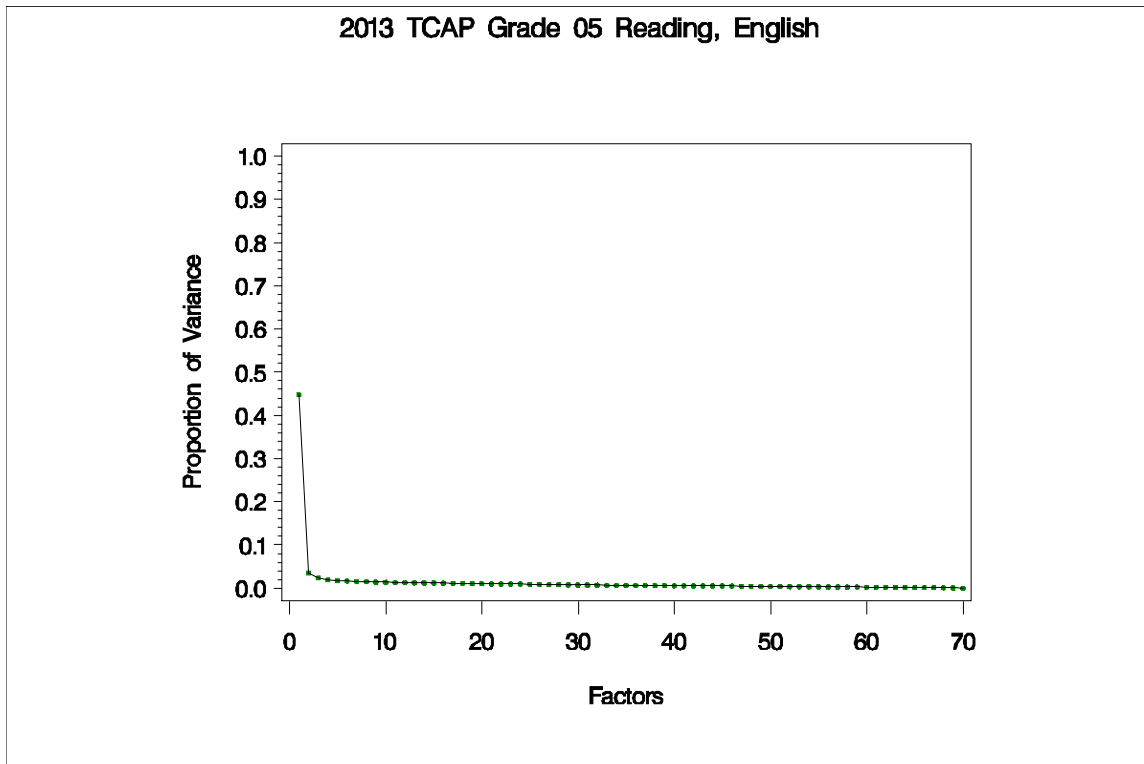
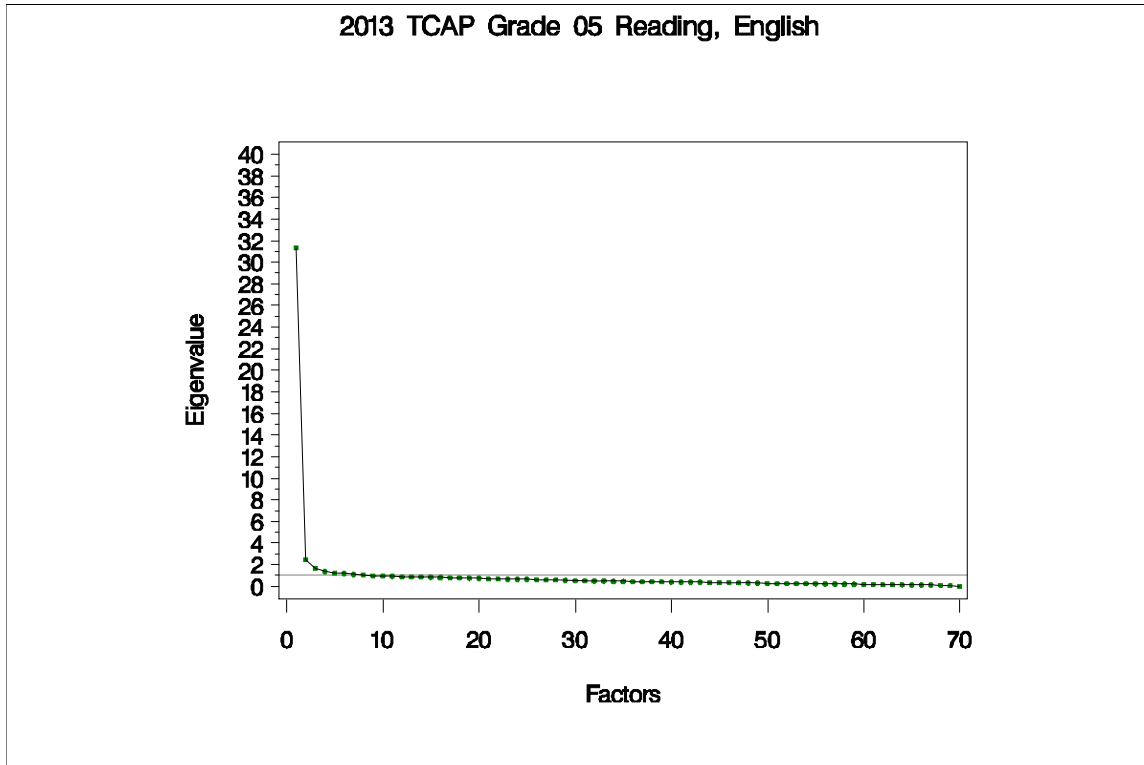


Figure 66. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 6 Reading

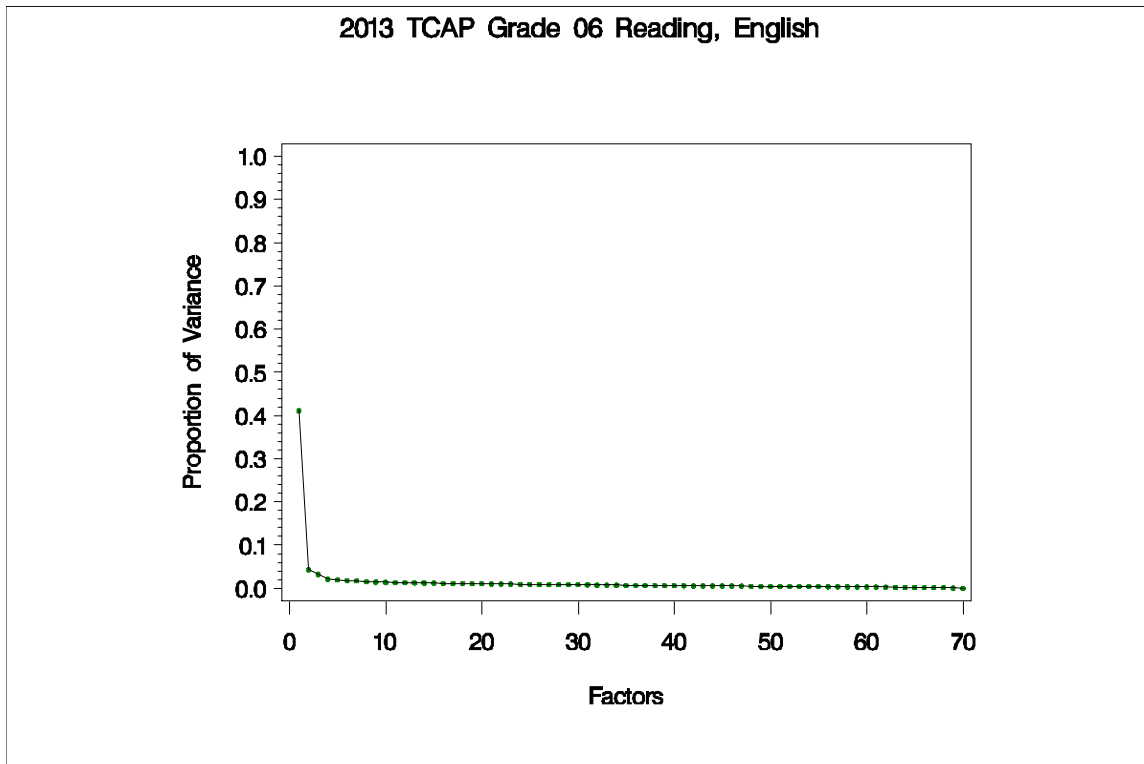
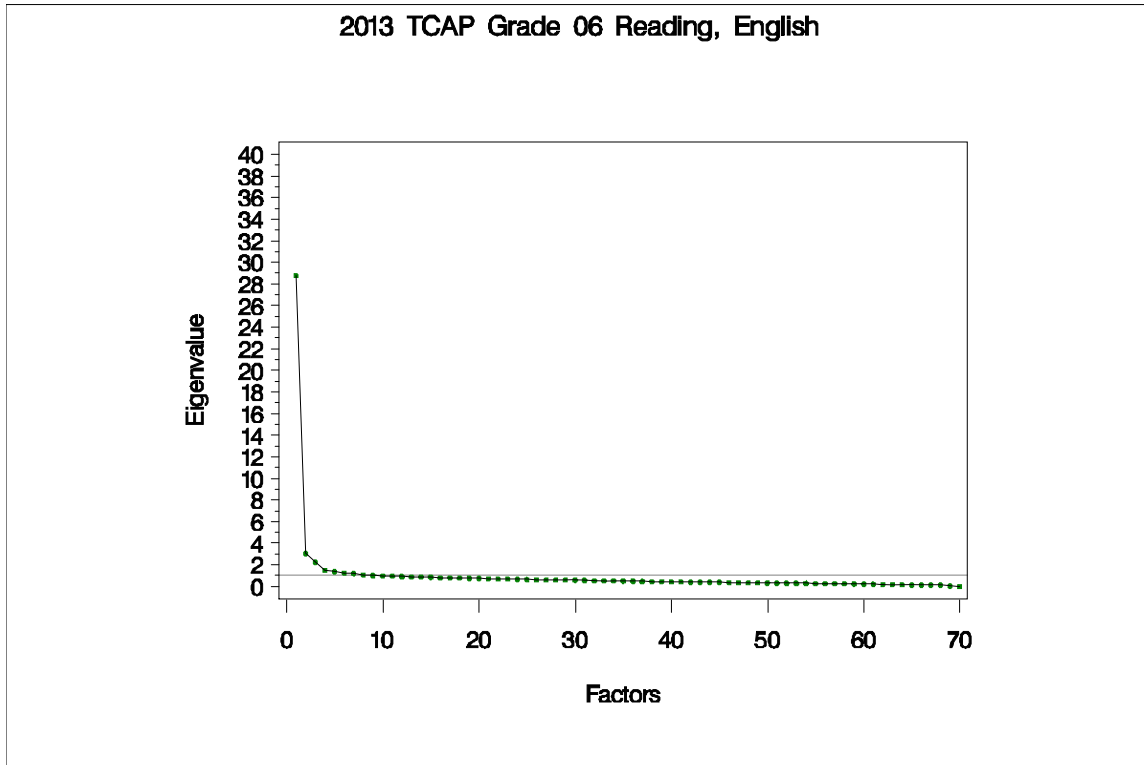


Figure 67. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 7 Reading

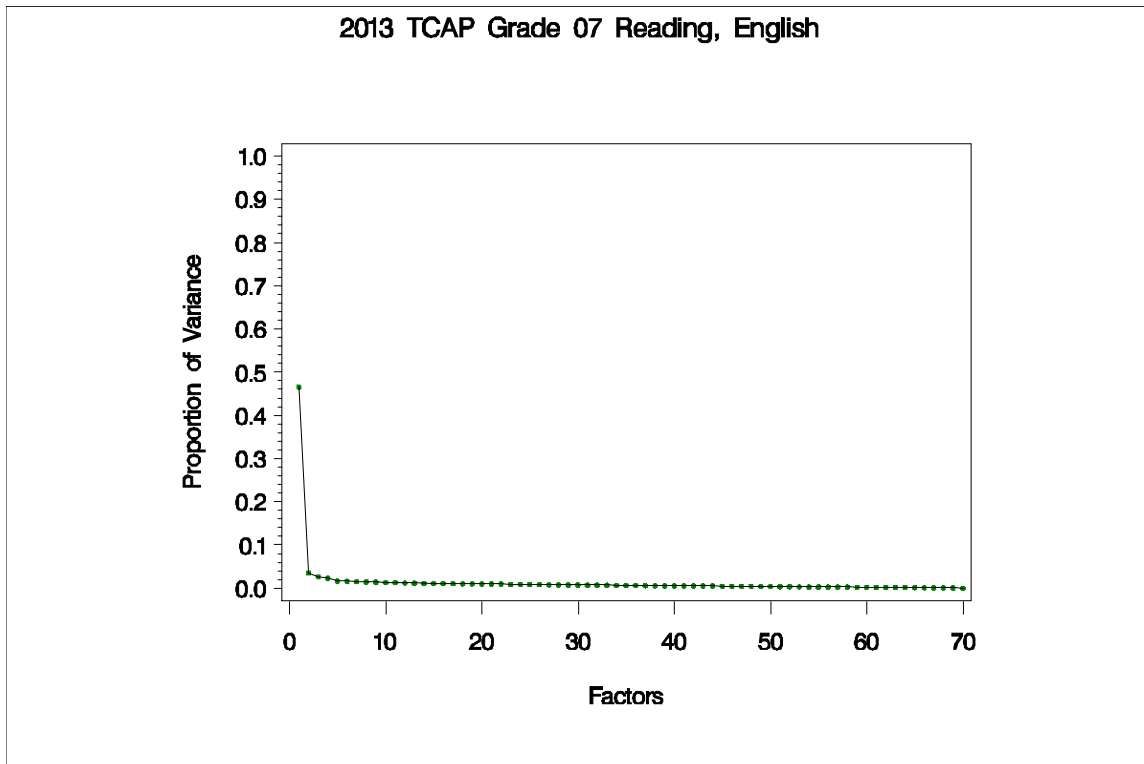
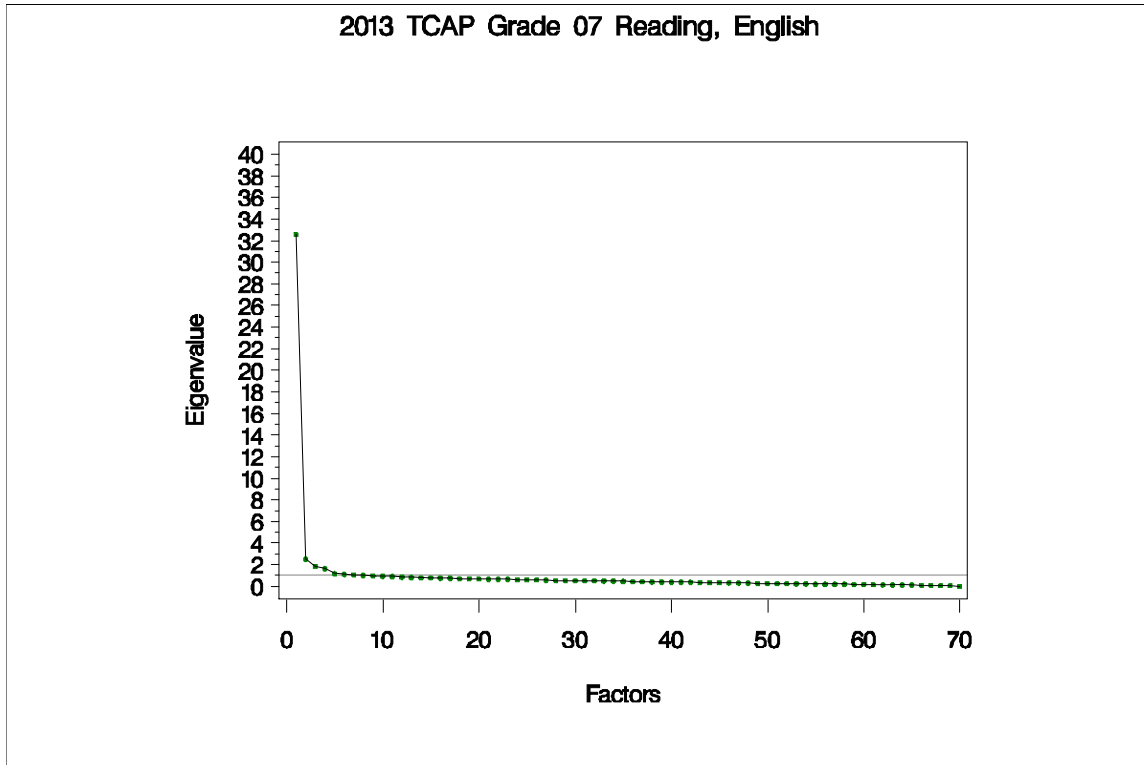


Figure 68. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 8 Reading

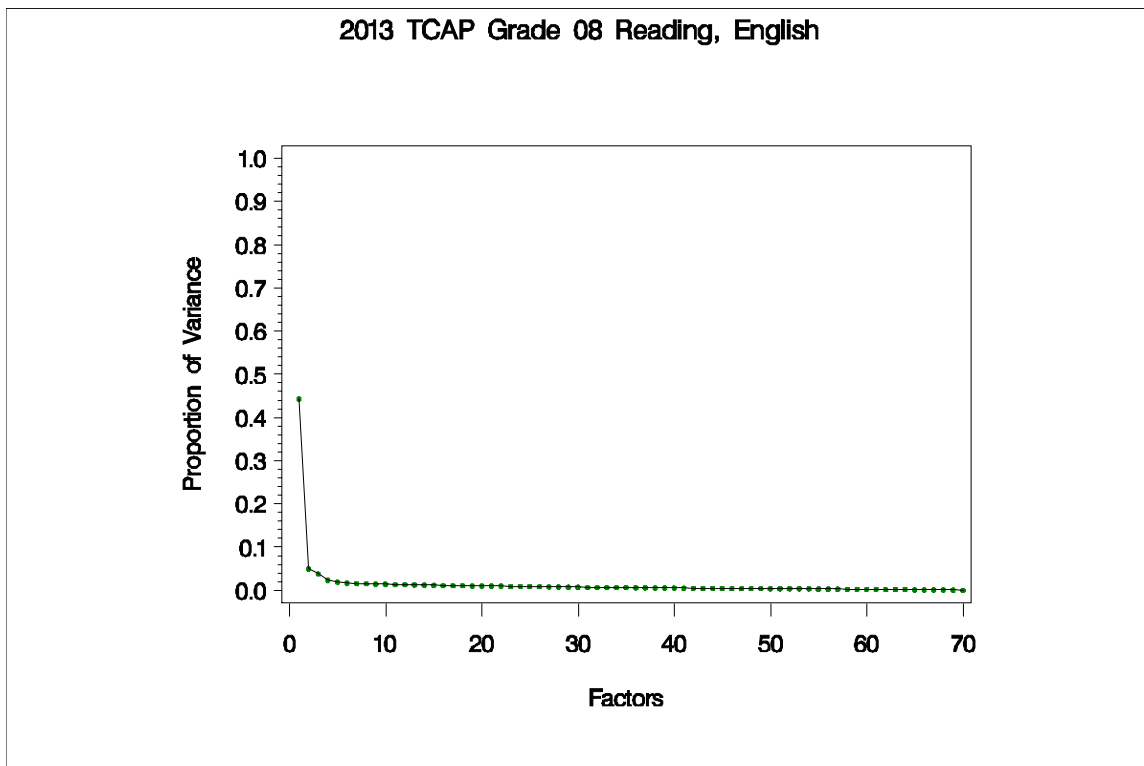
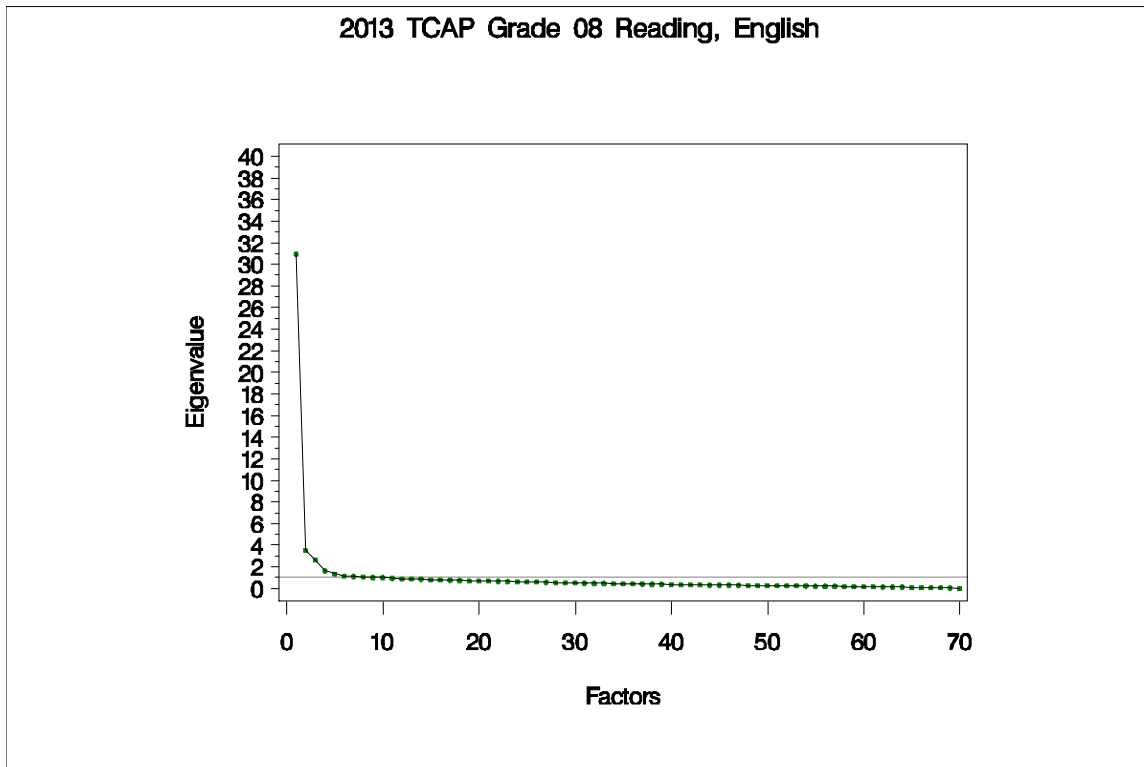


Figure 69. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 9 Reading

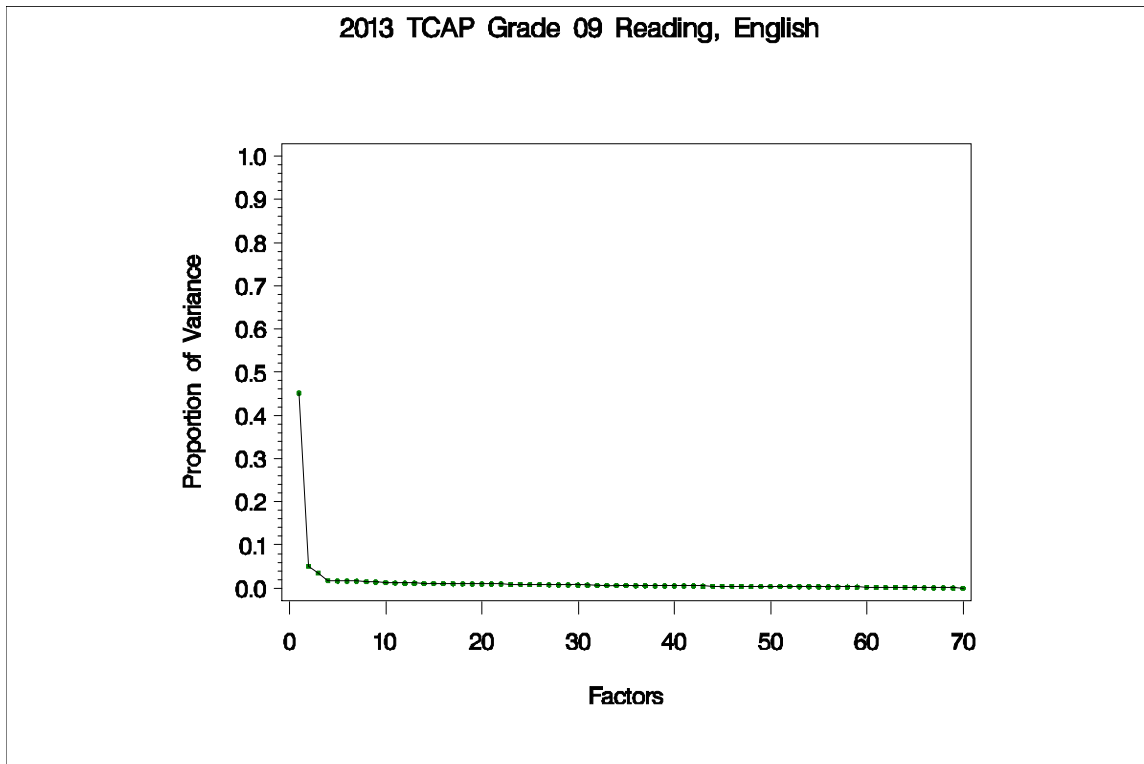
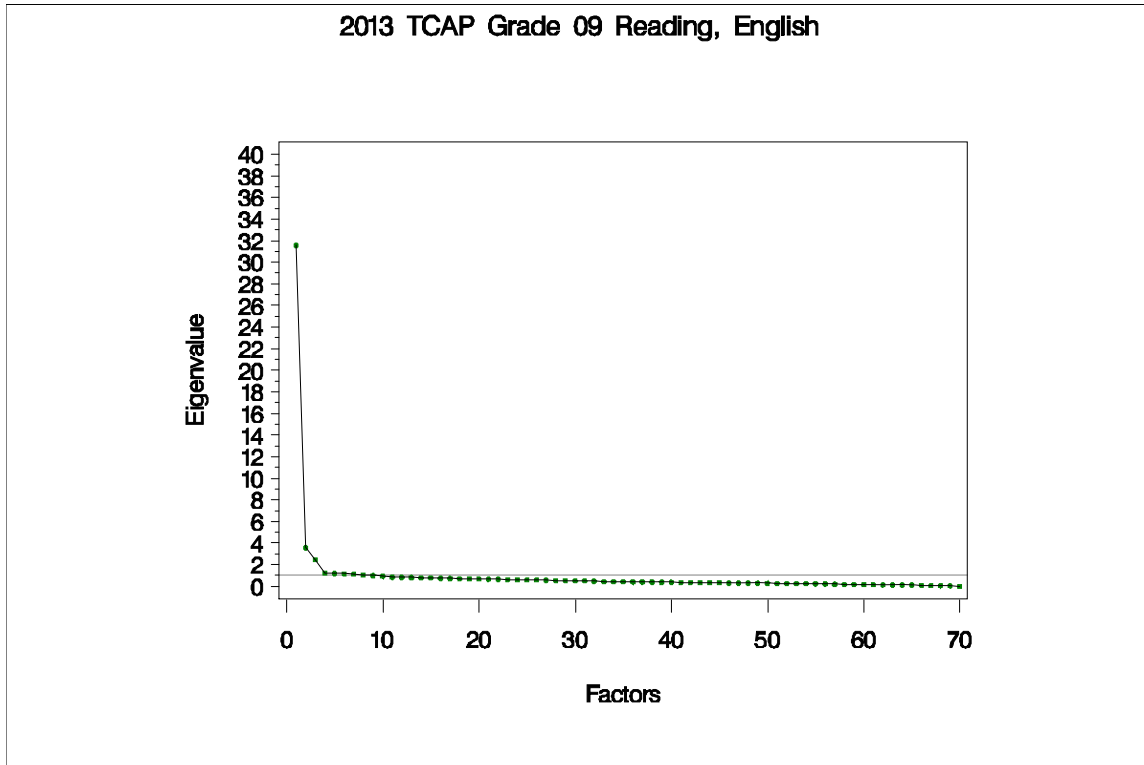


Figure 70. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 10 Reading

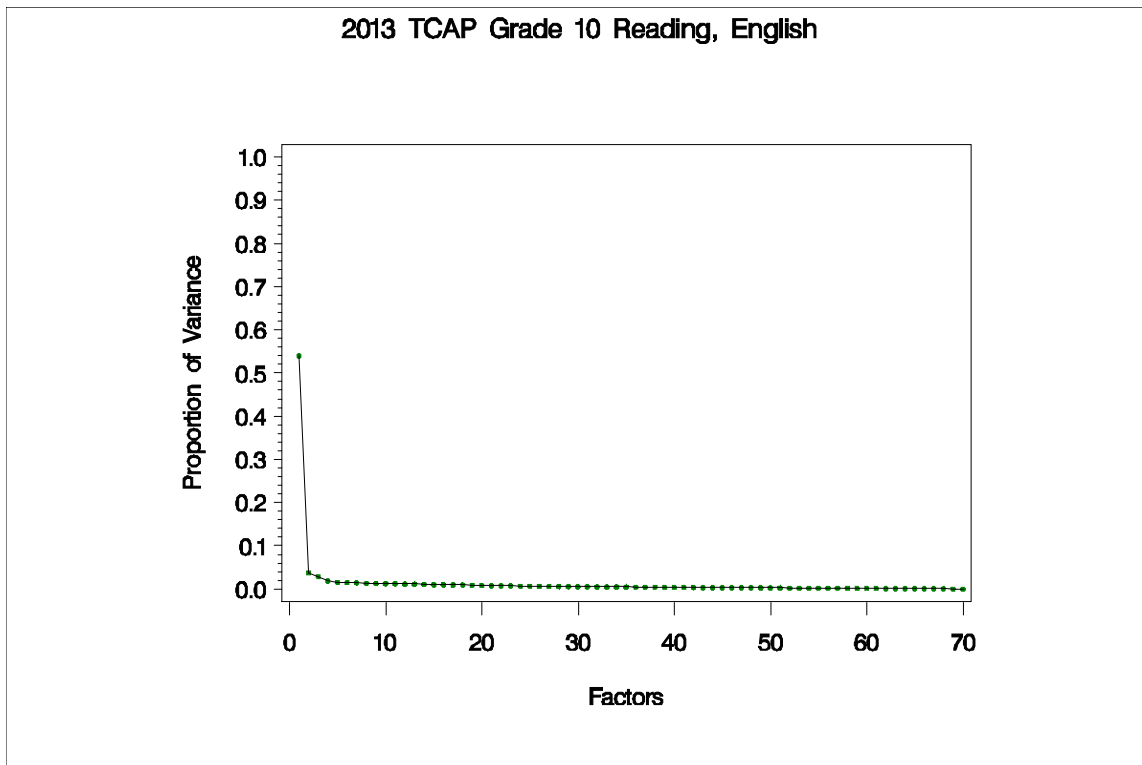
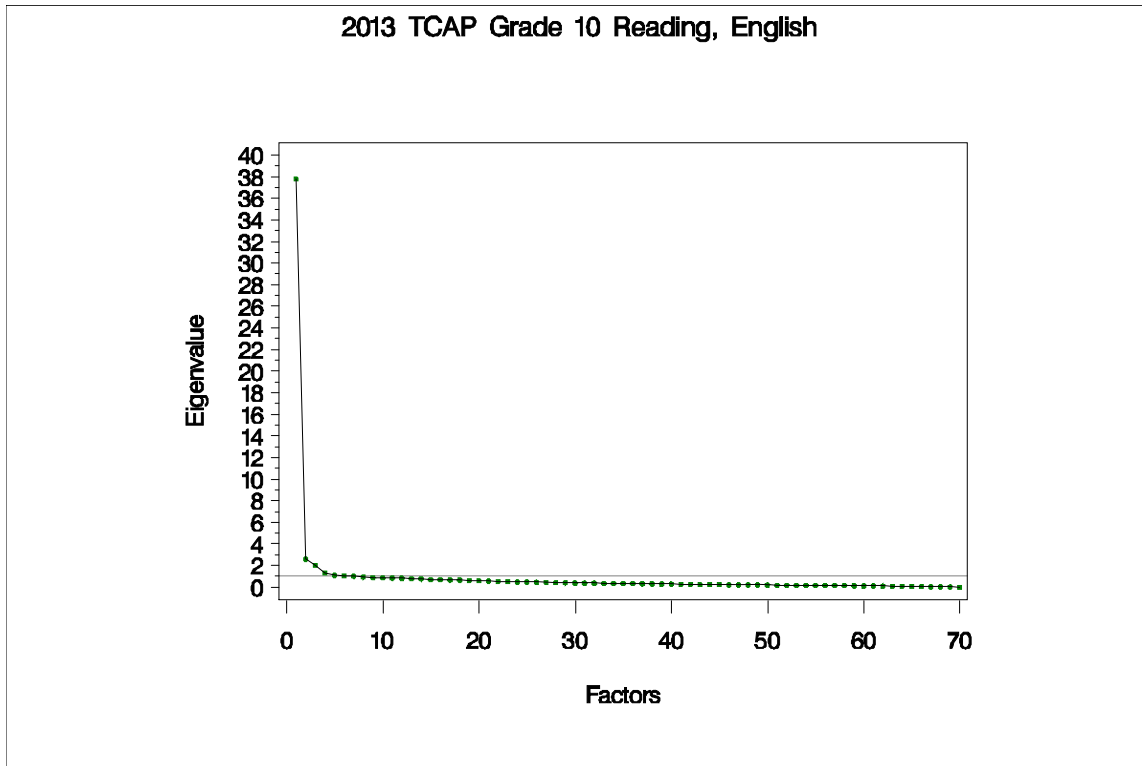


Figure 71. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 3 Writing

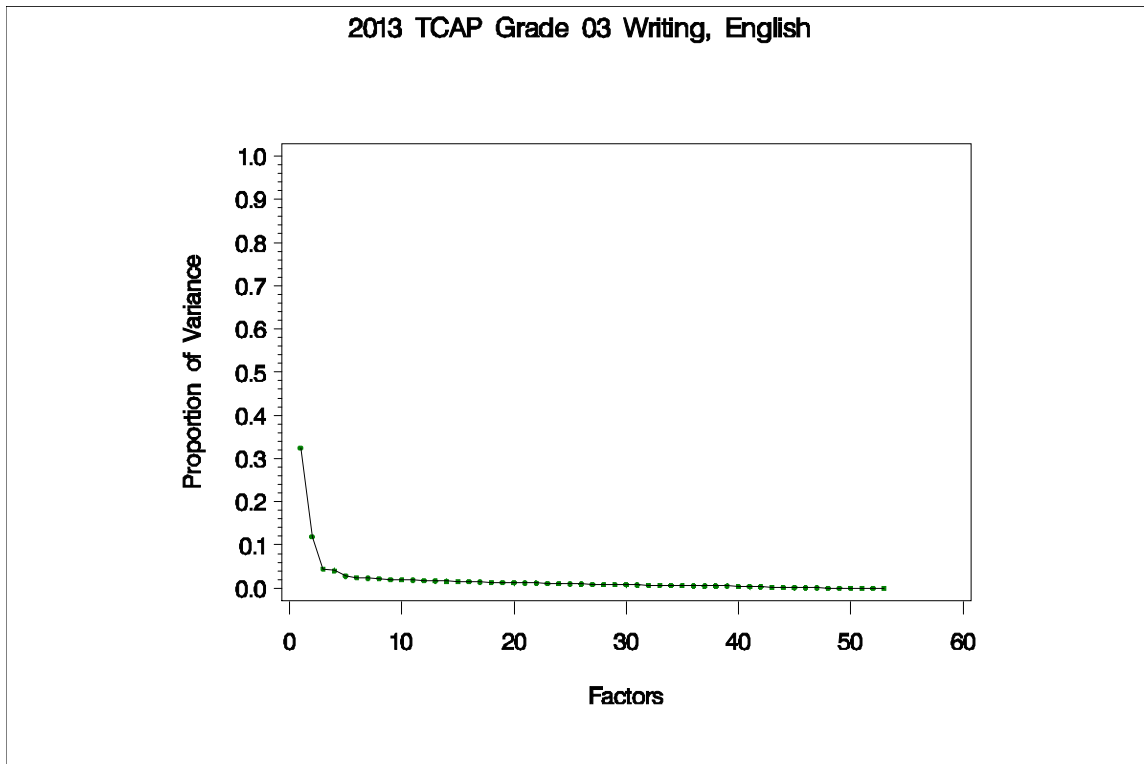
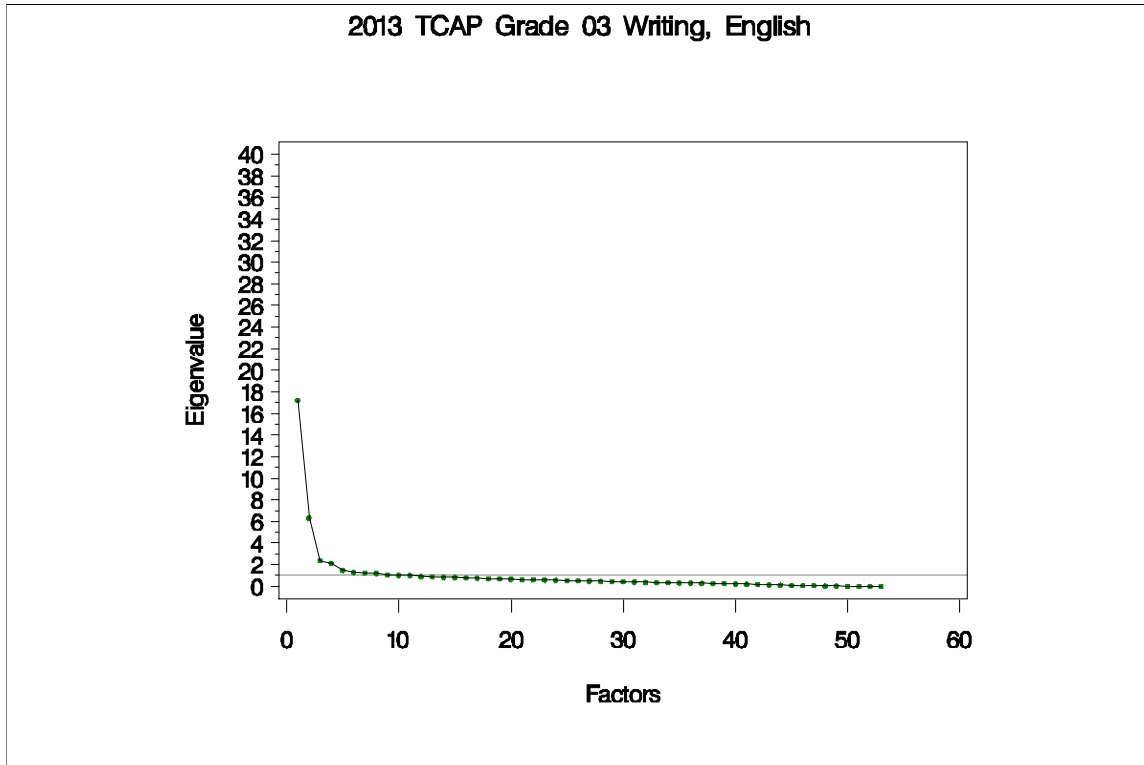


Figure 72. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 3 Writing (Spanish)

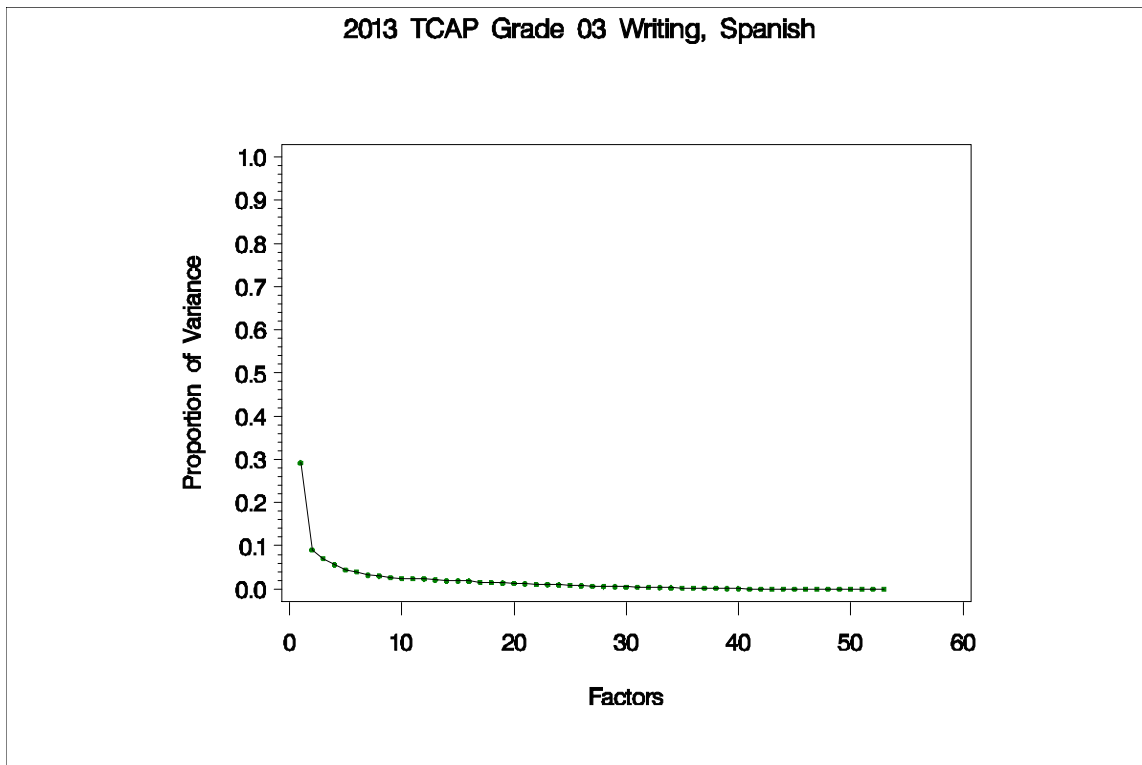
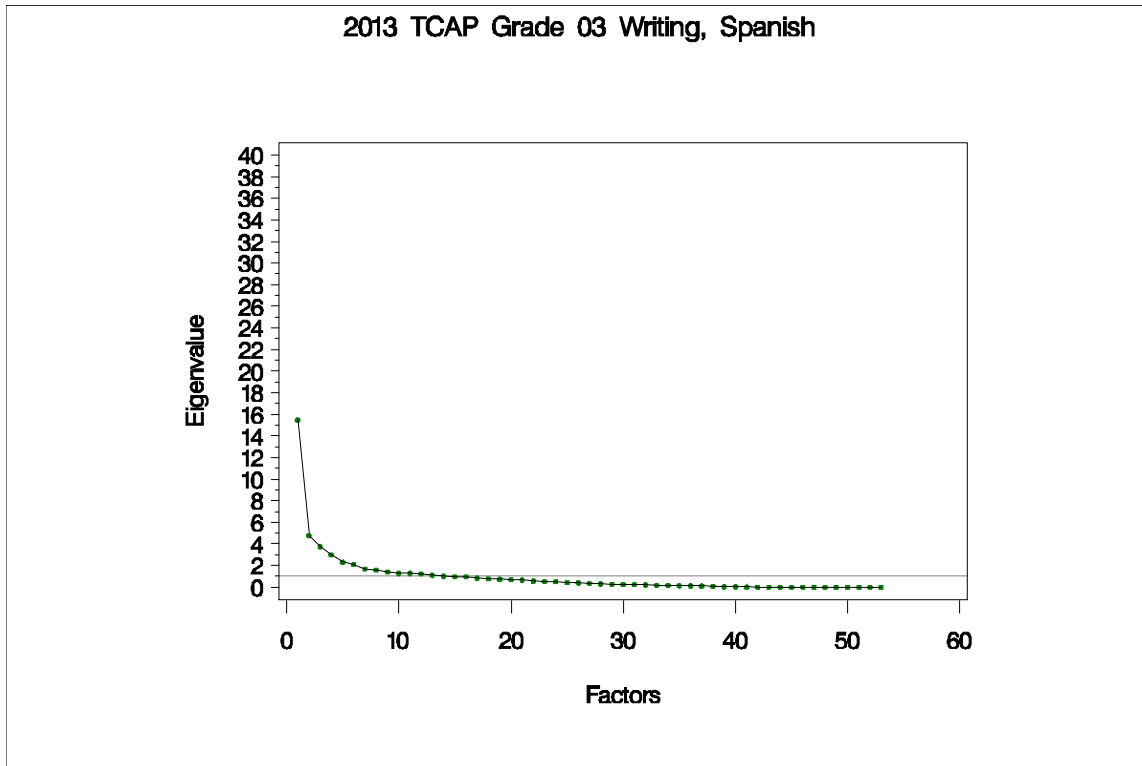


Figure 73. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 4 Writing

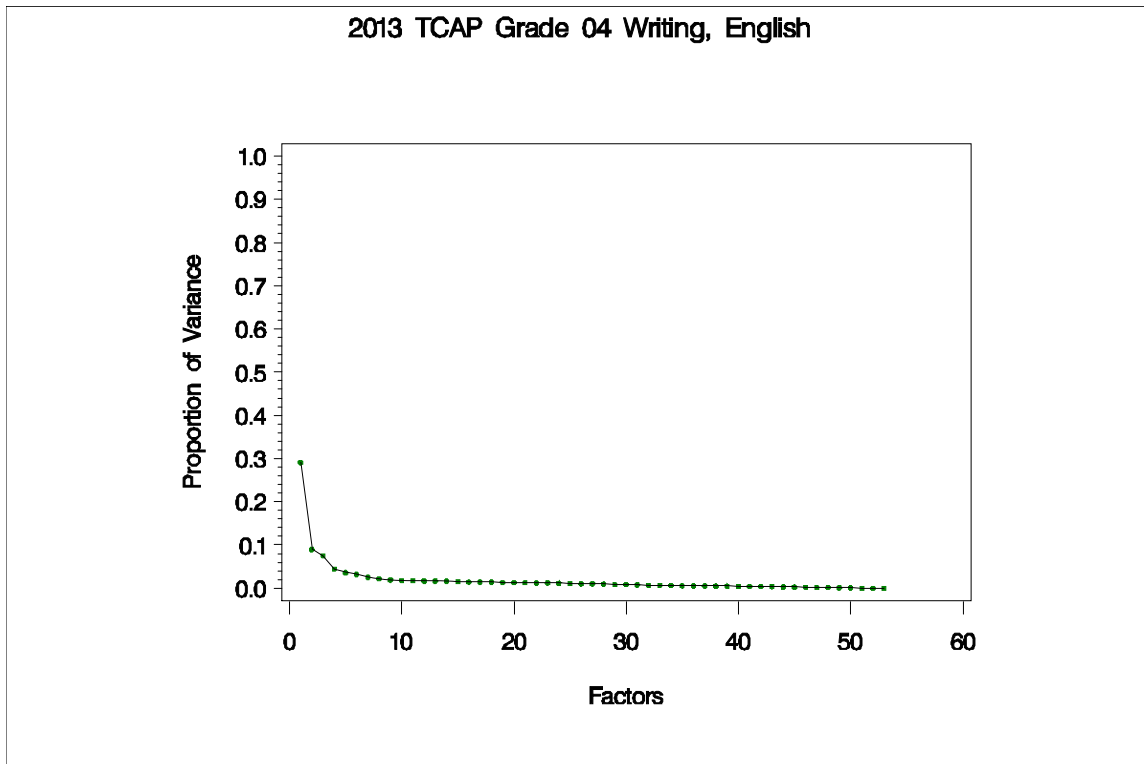
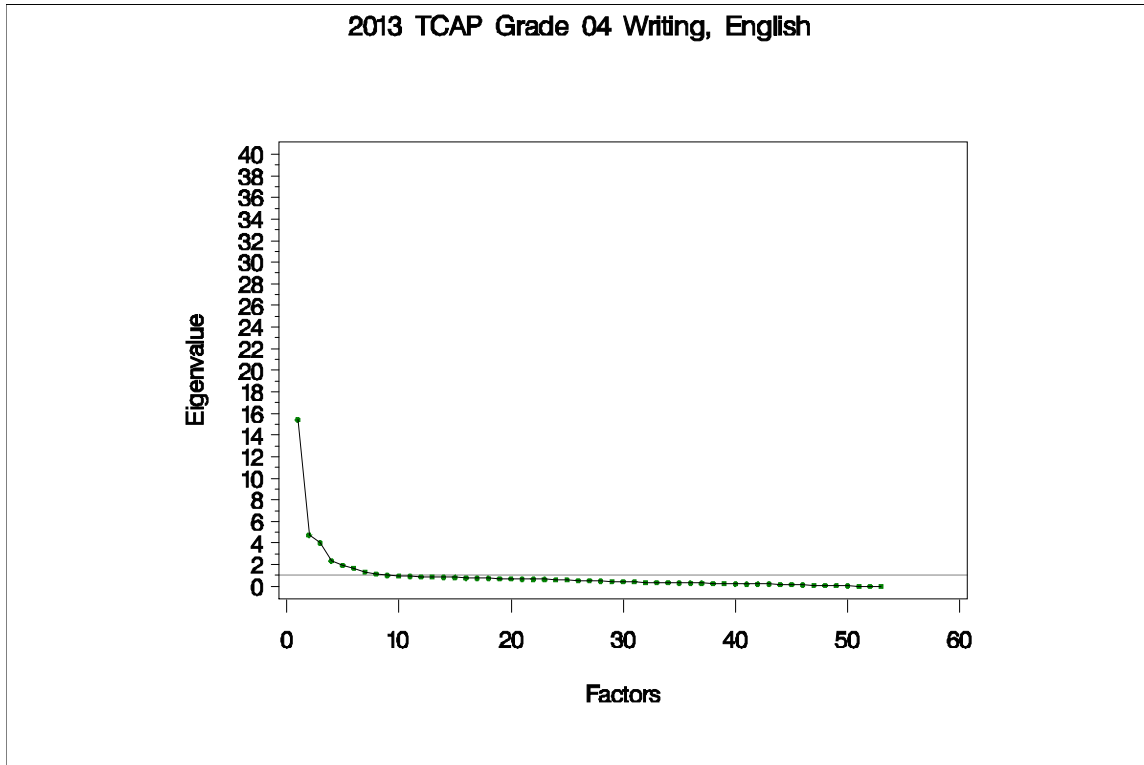


Figure 74. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 4 Writing (Spanish)

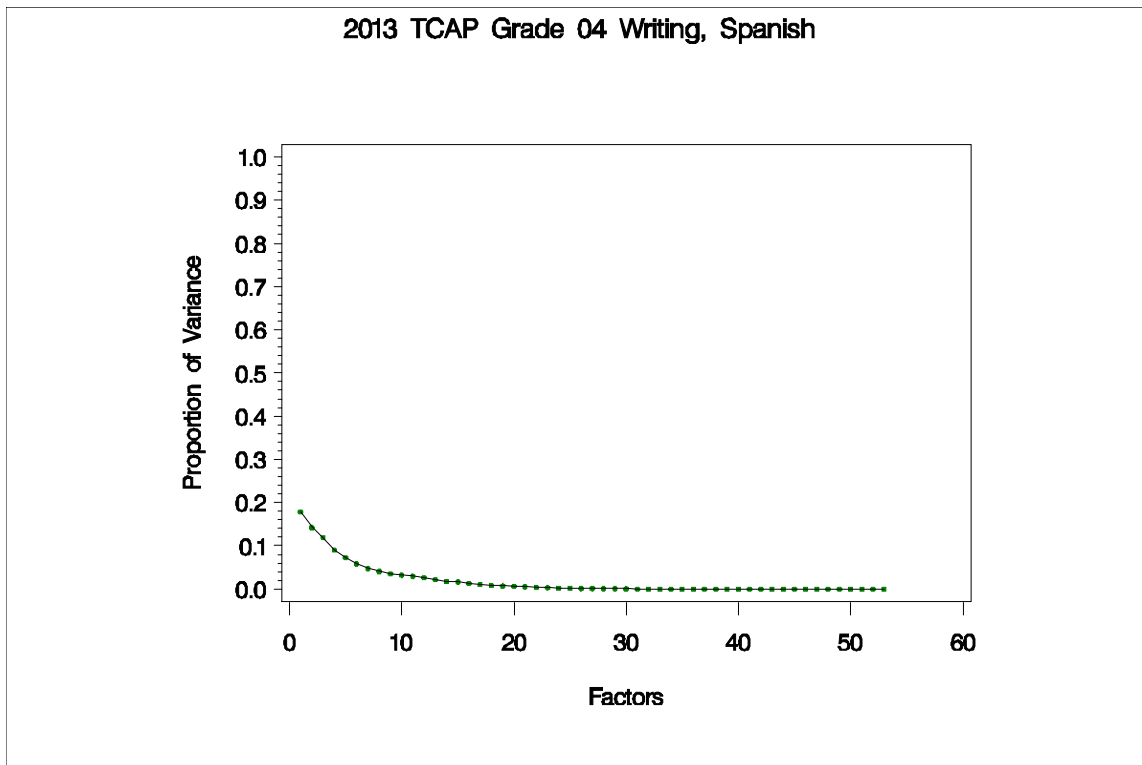
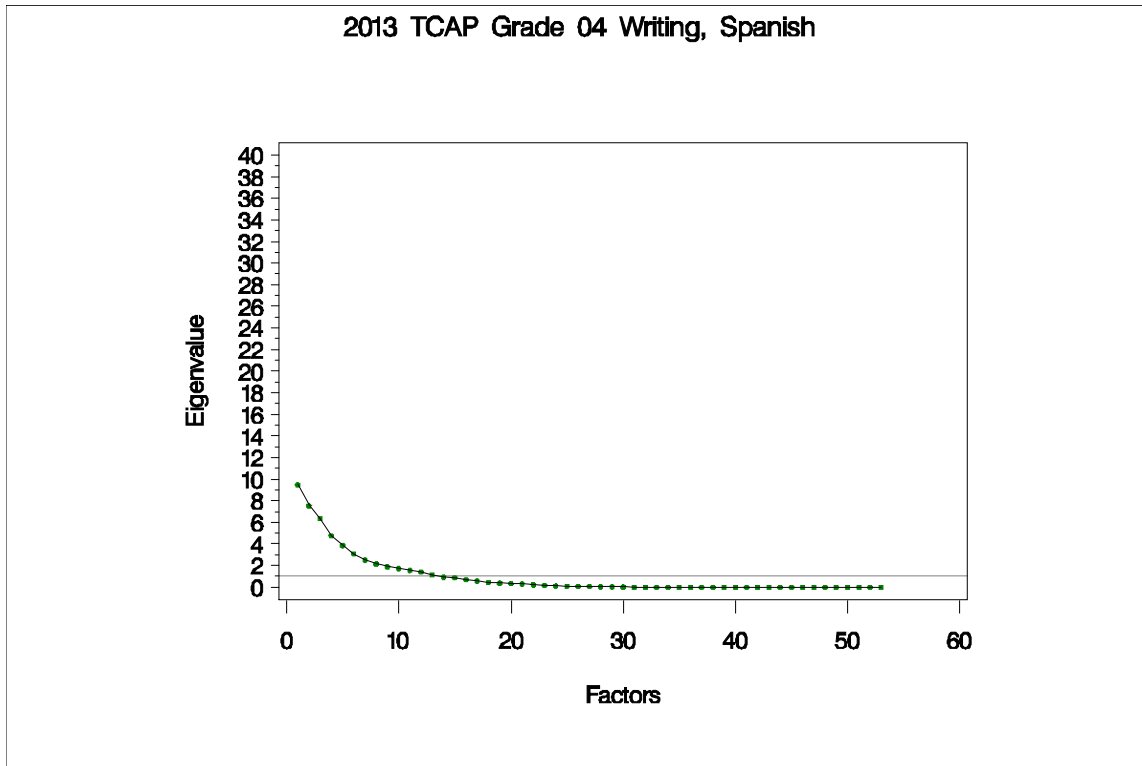


Figure 75. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 5 Writing

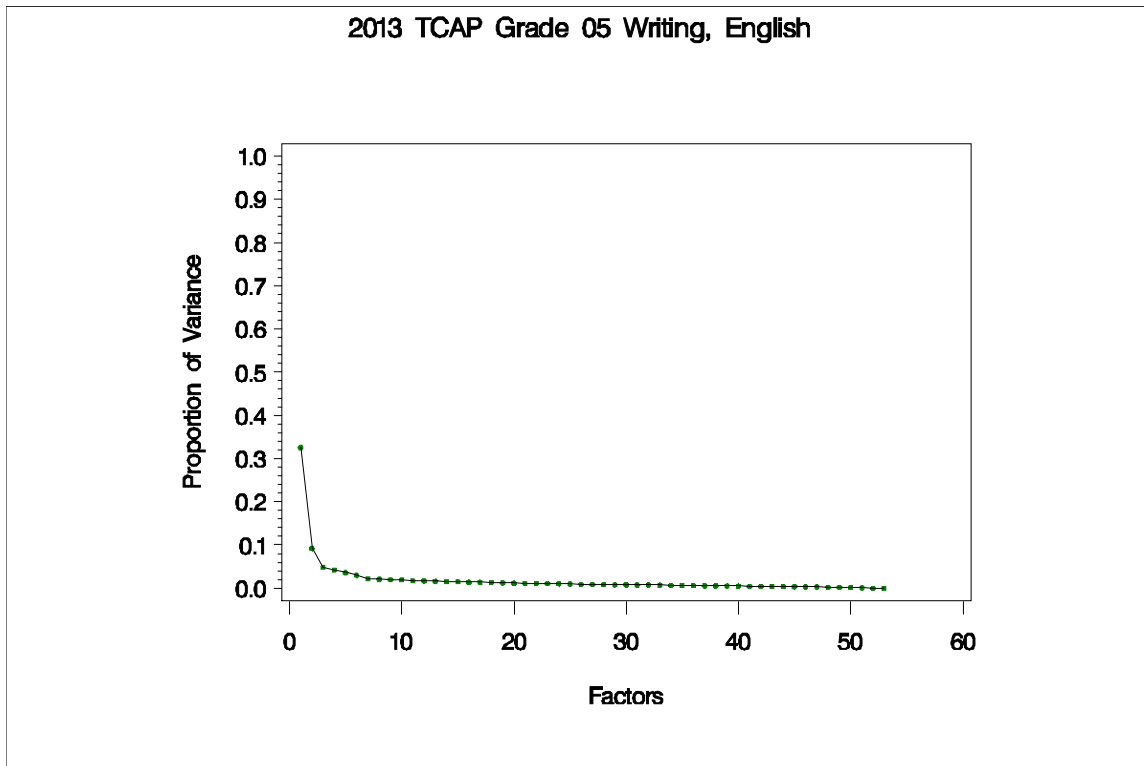
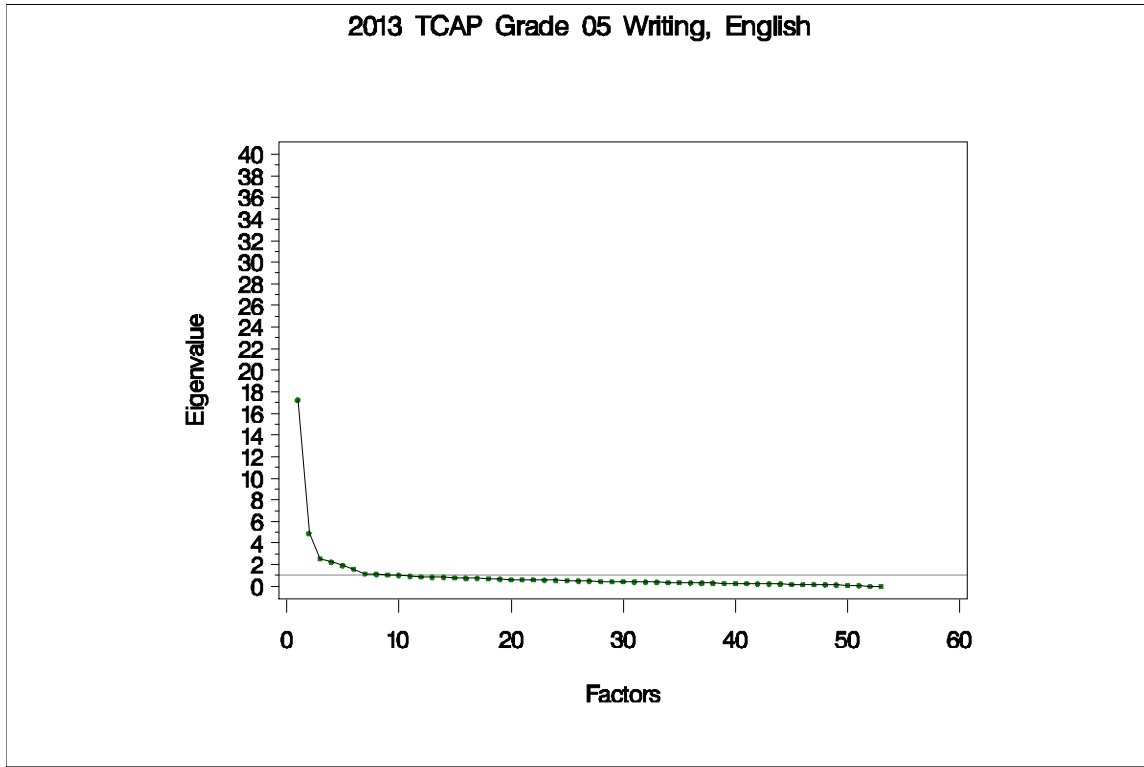


Figure 76. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 6 Writing

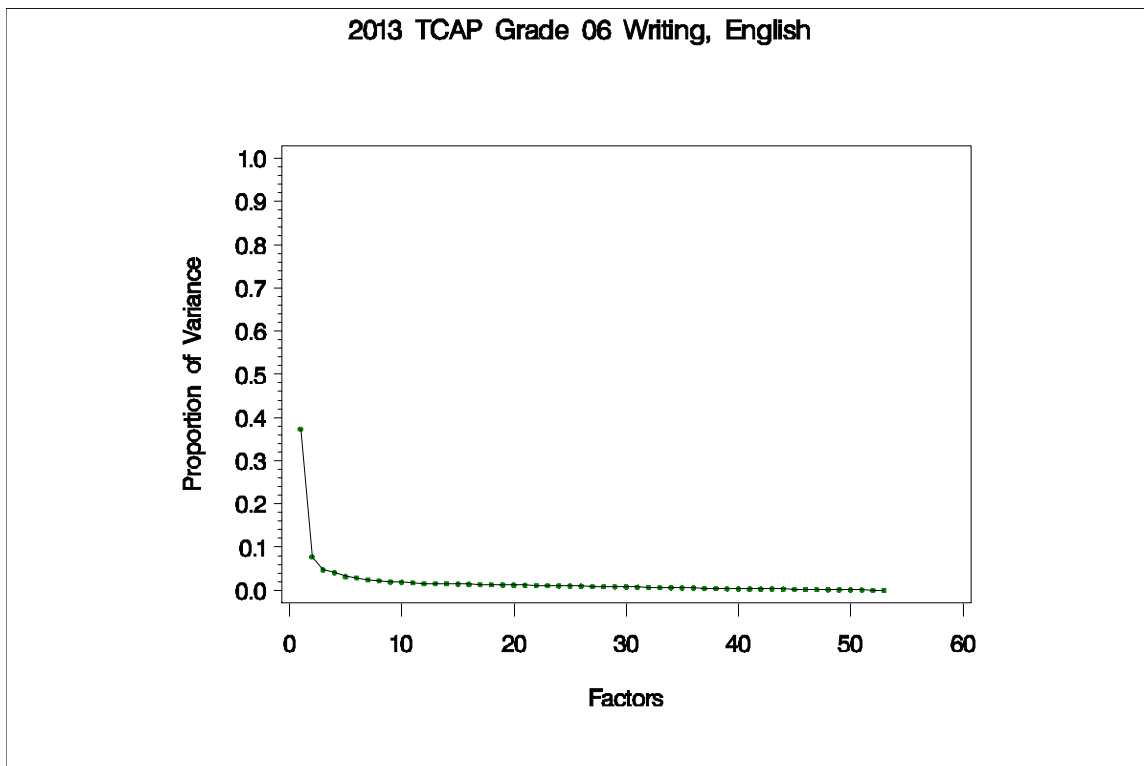
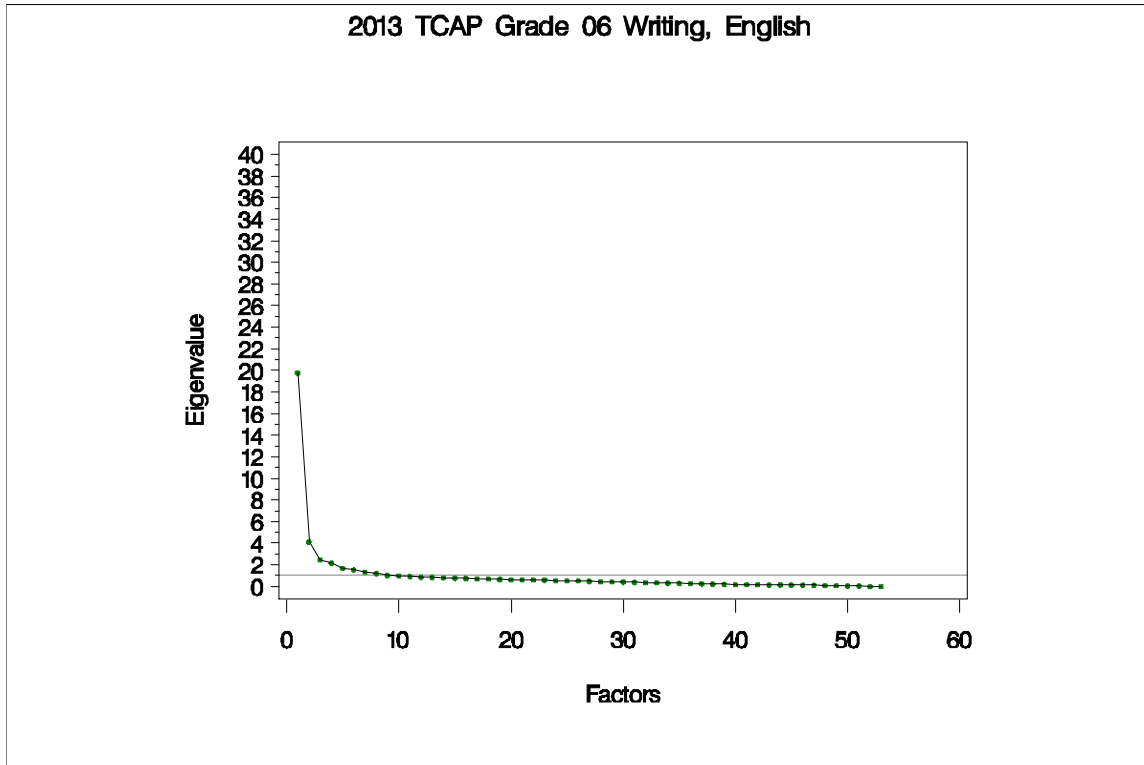


Figure 77. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 7 Writing

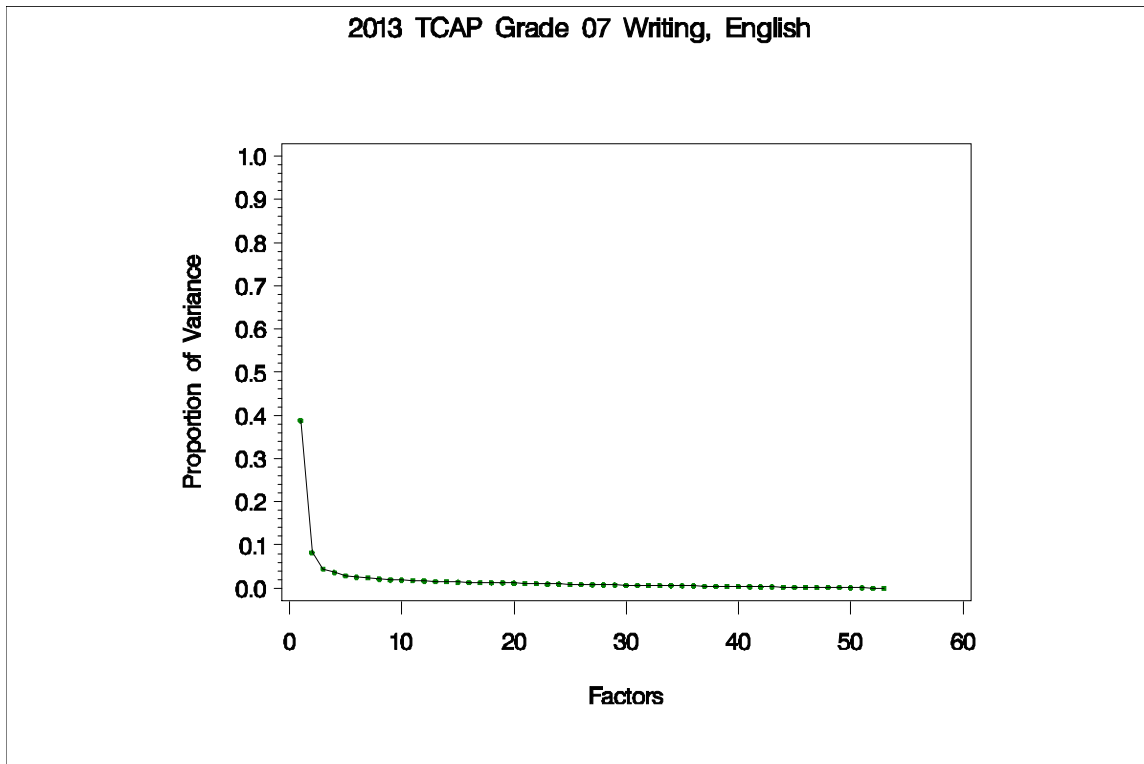
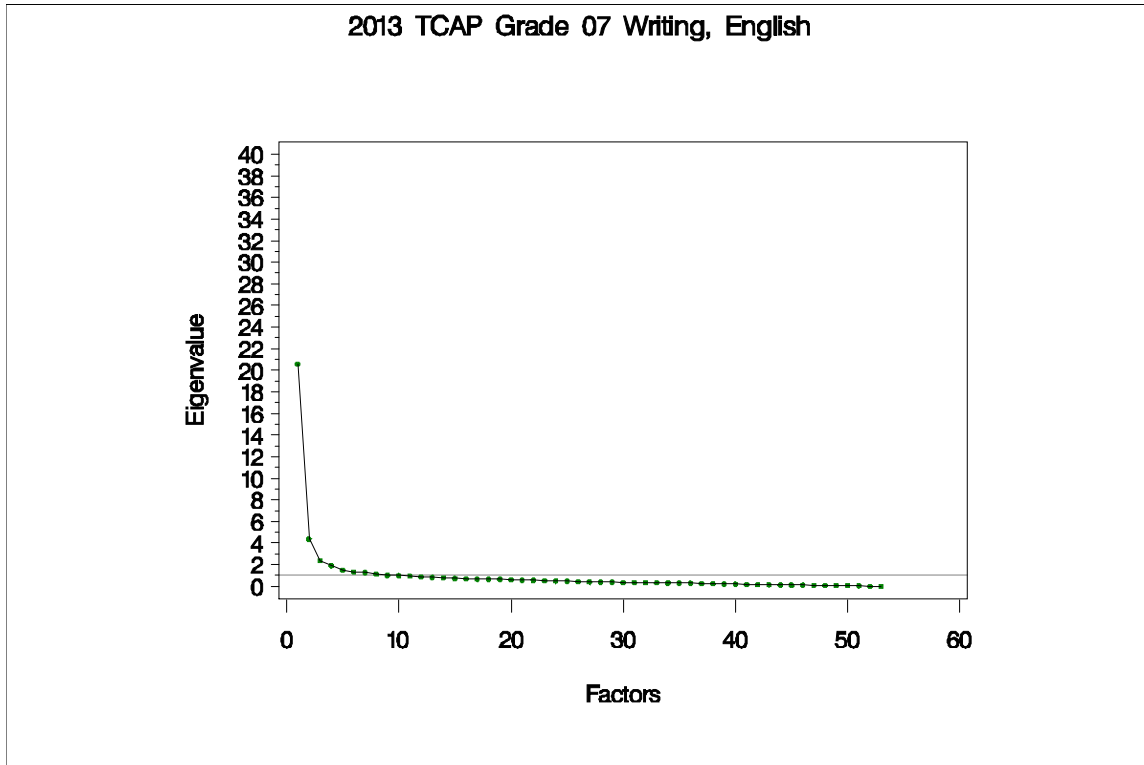


Figure 78. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 8 Writing

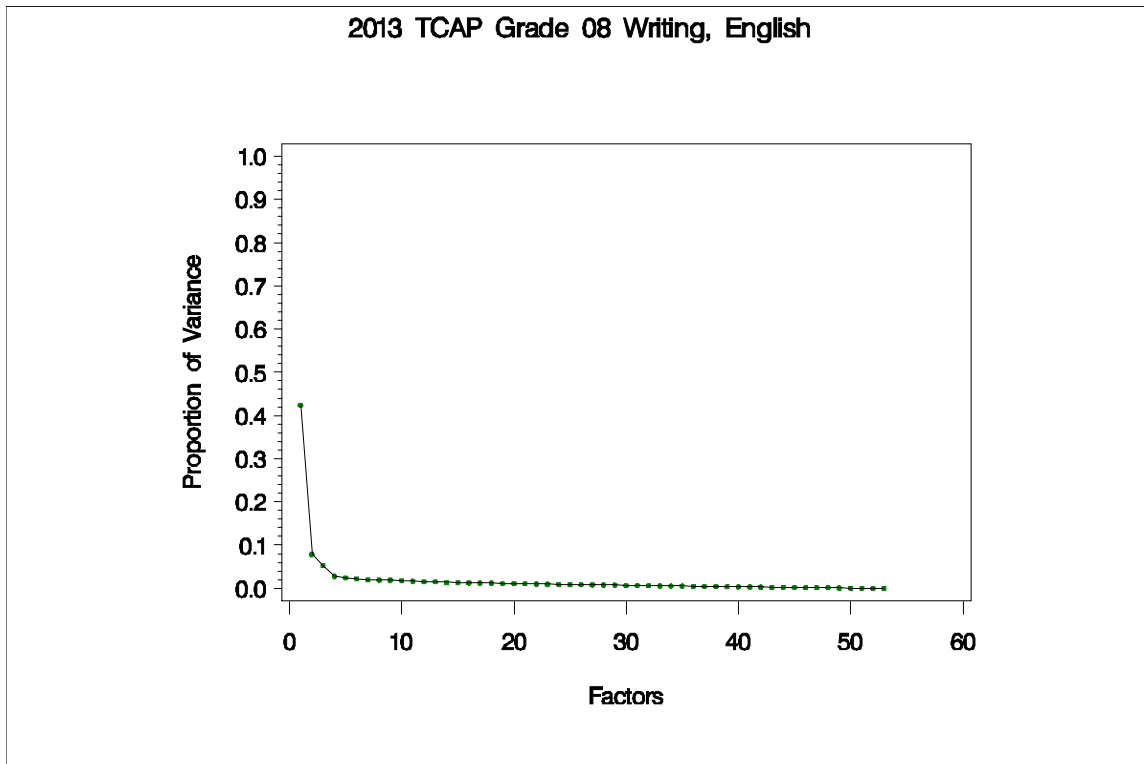
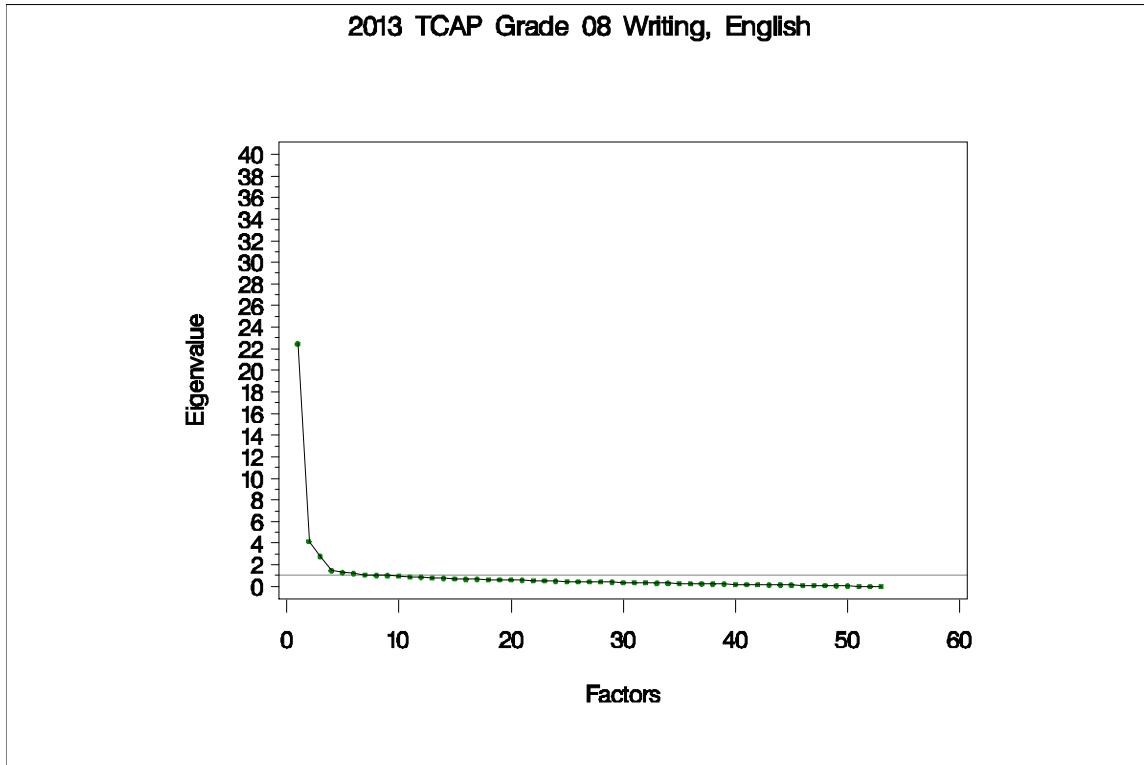


Figure 79. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 9 Writing

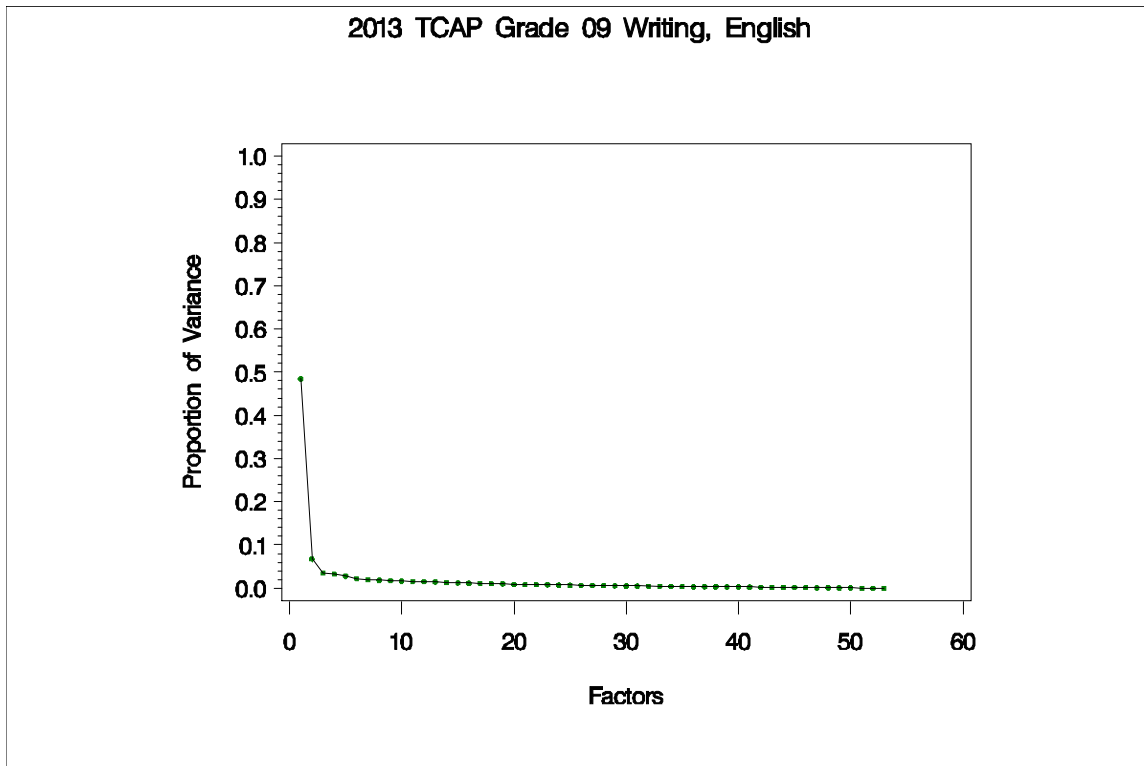
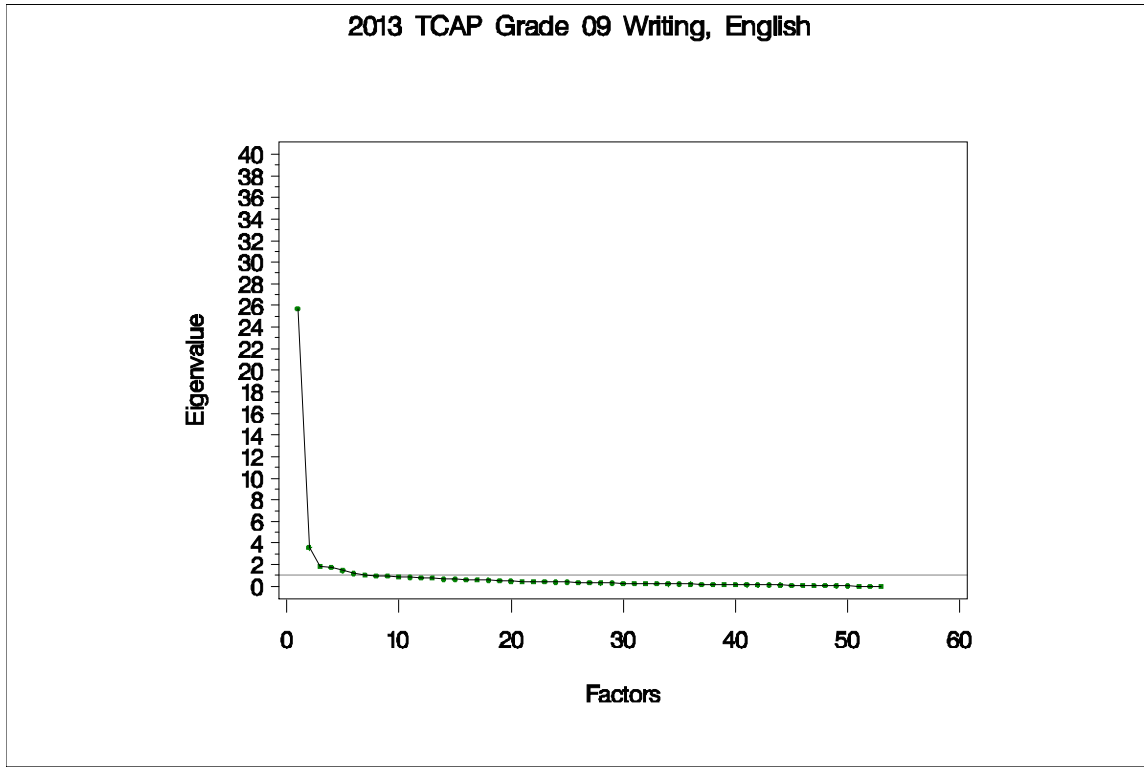


Figure 80. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 10 Writing

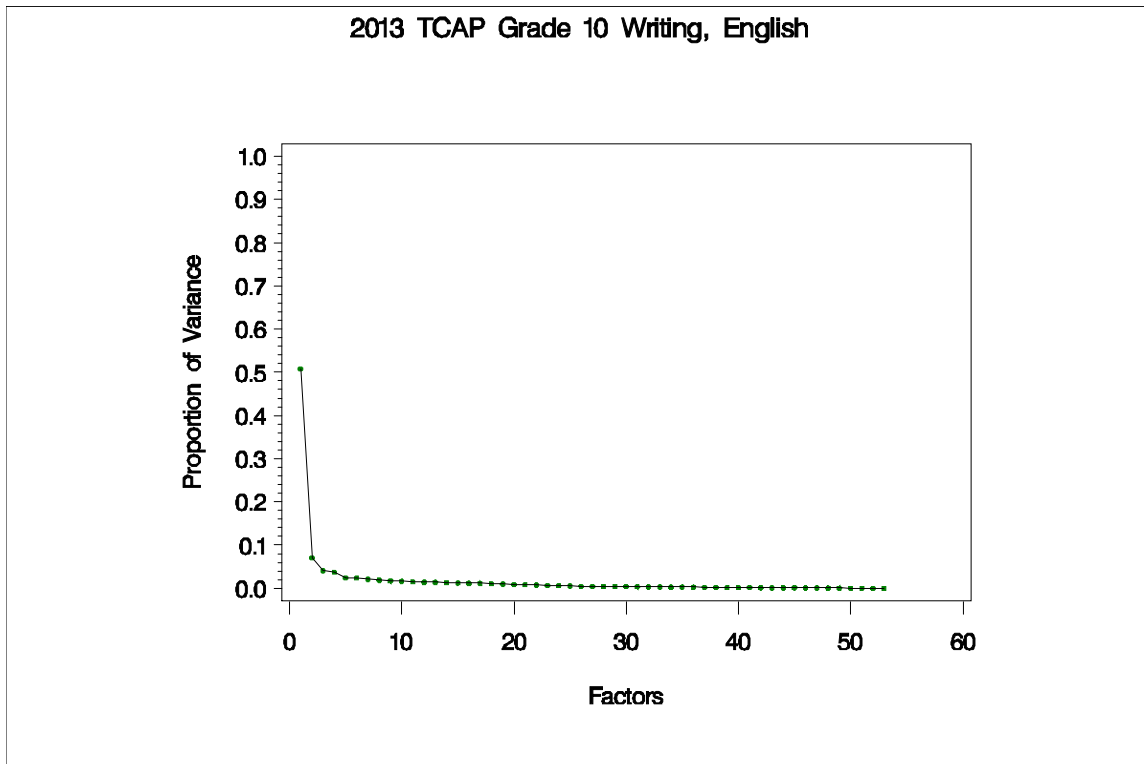
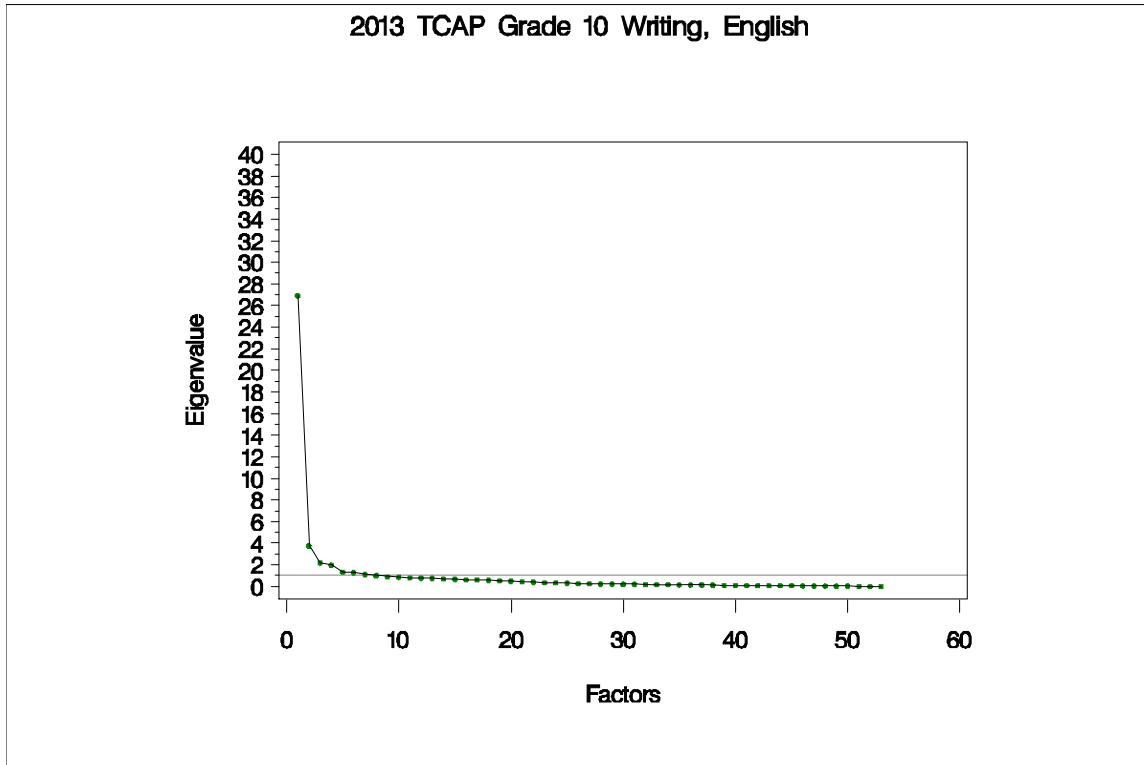


Figure 81. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 3 Mathematics

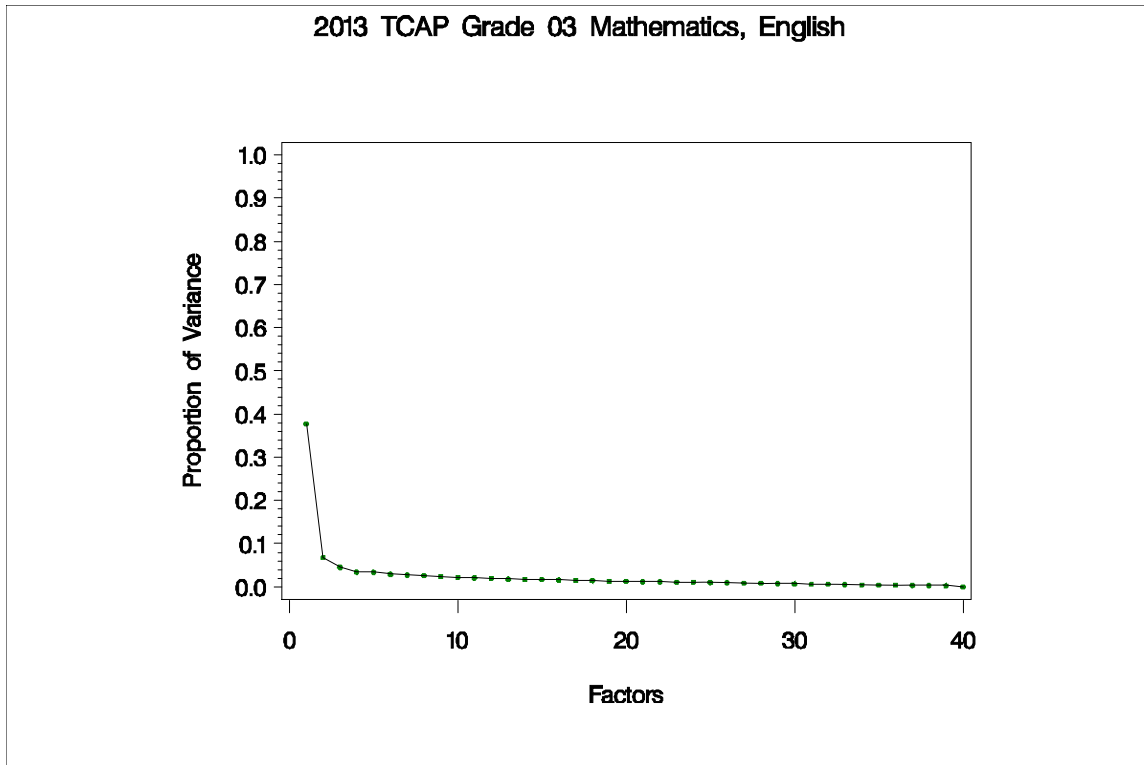
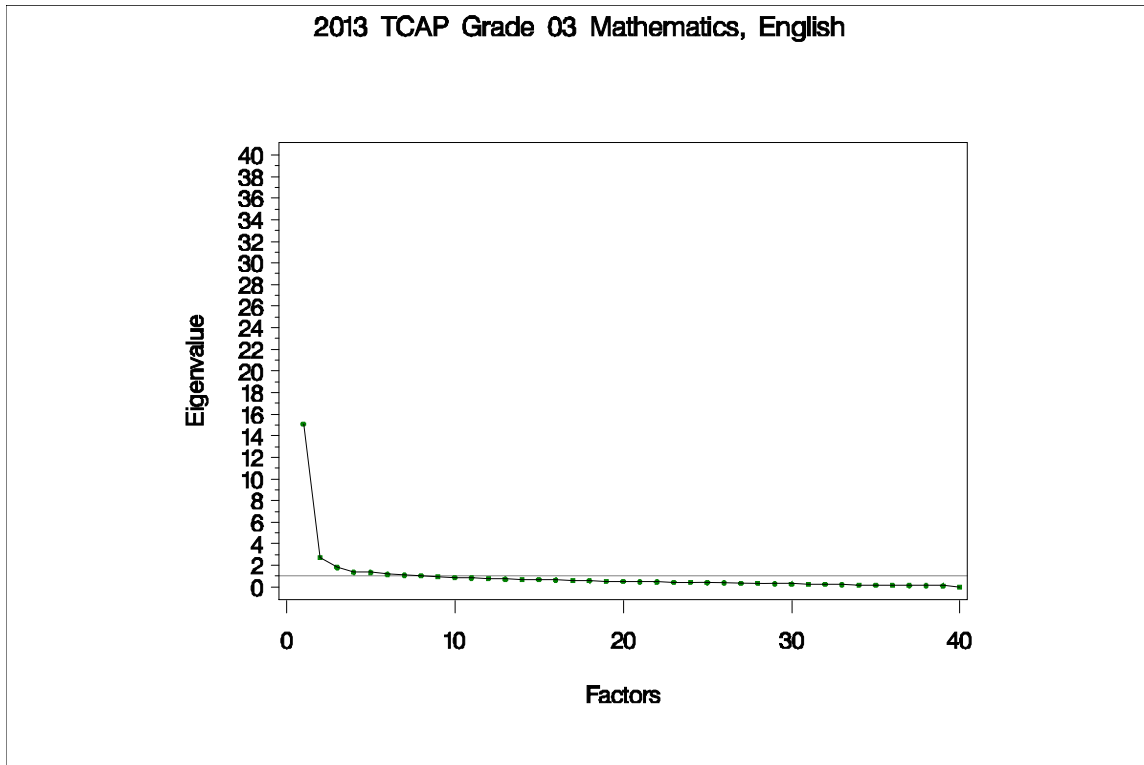


Figure 82. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 4 Mathematics

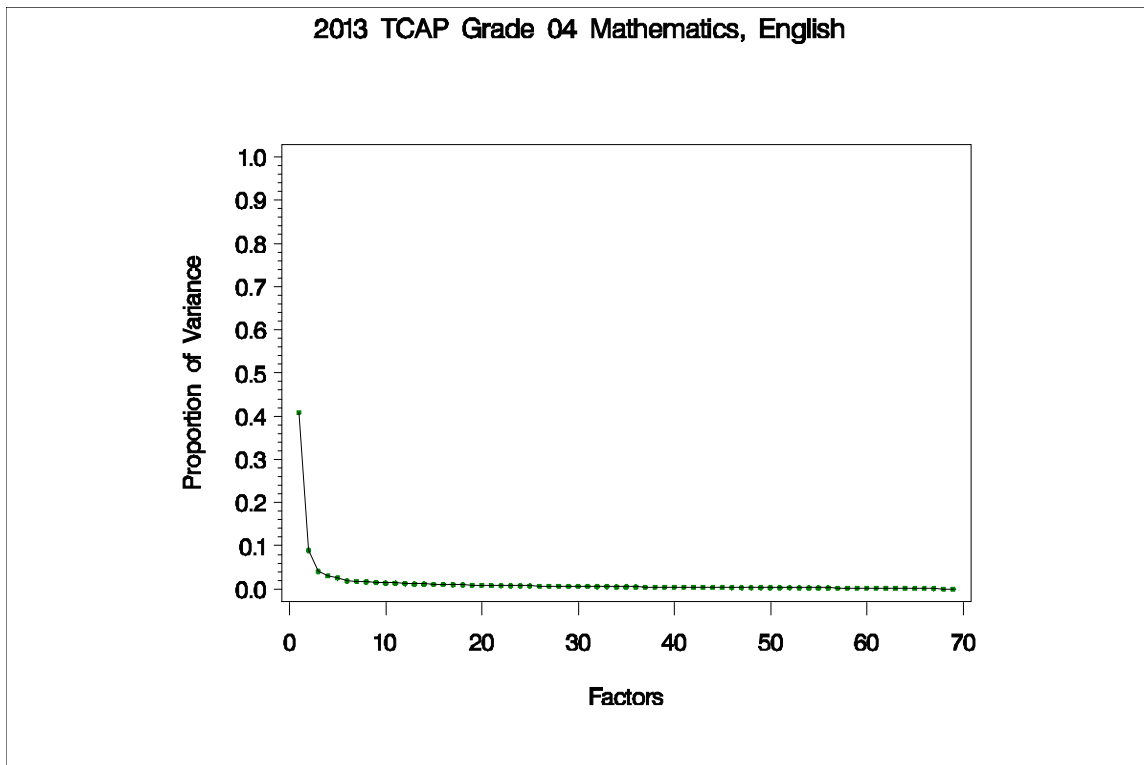
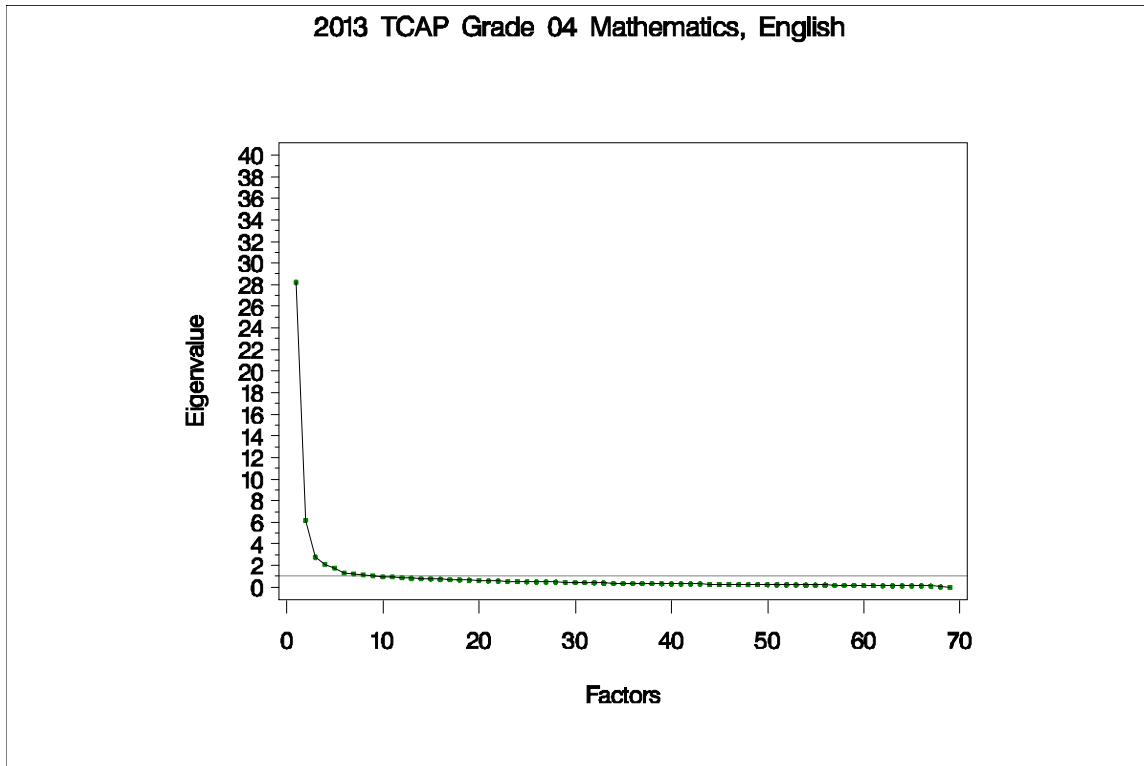


Figure 83. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 5 Mathematics

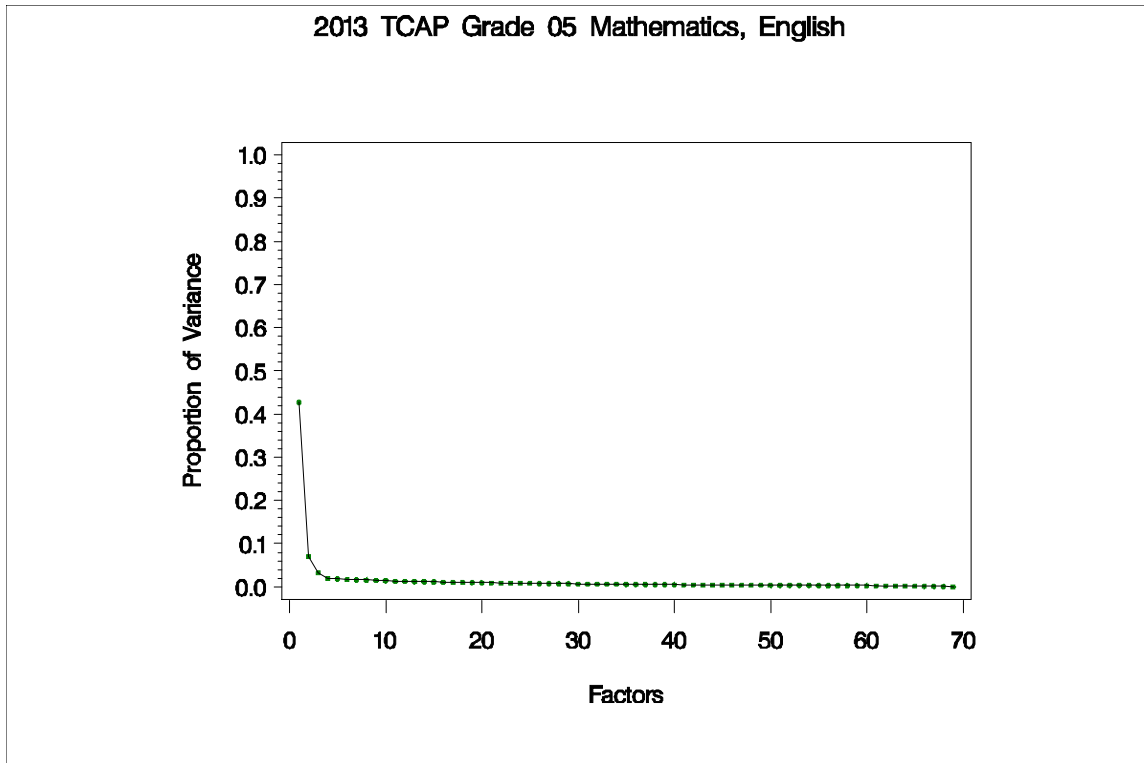
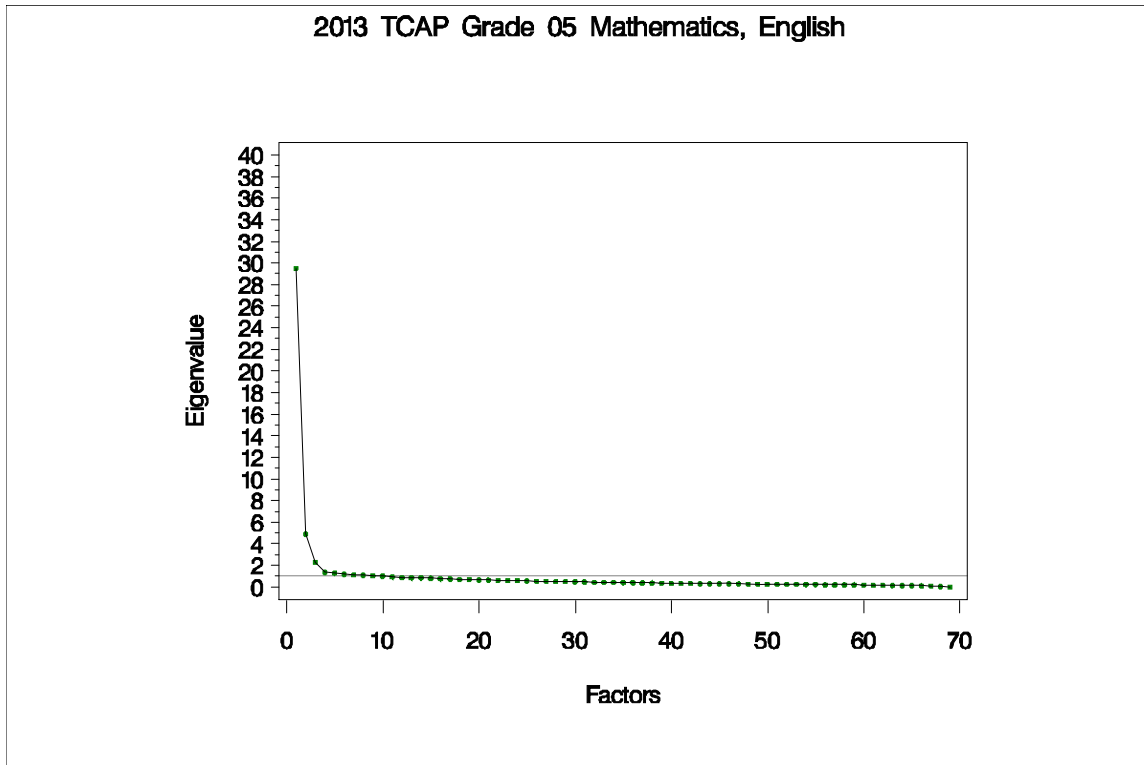


Figure 84. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 6 Mathematics

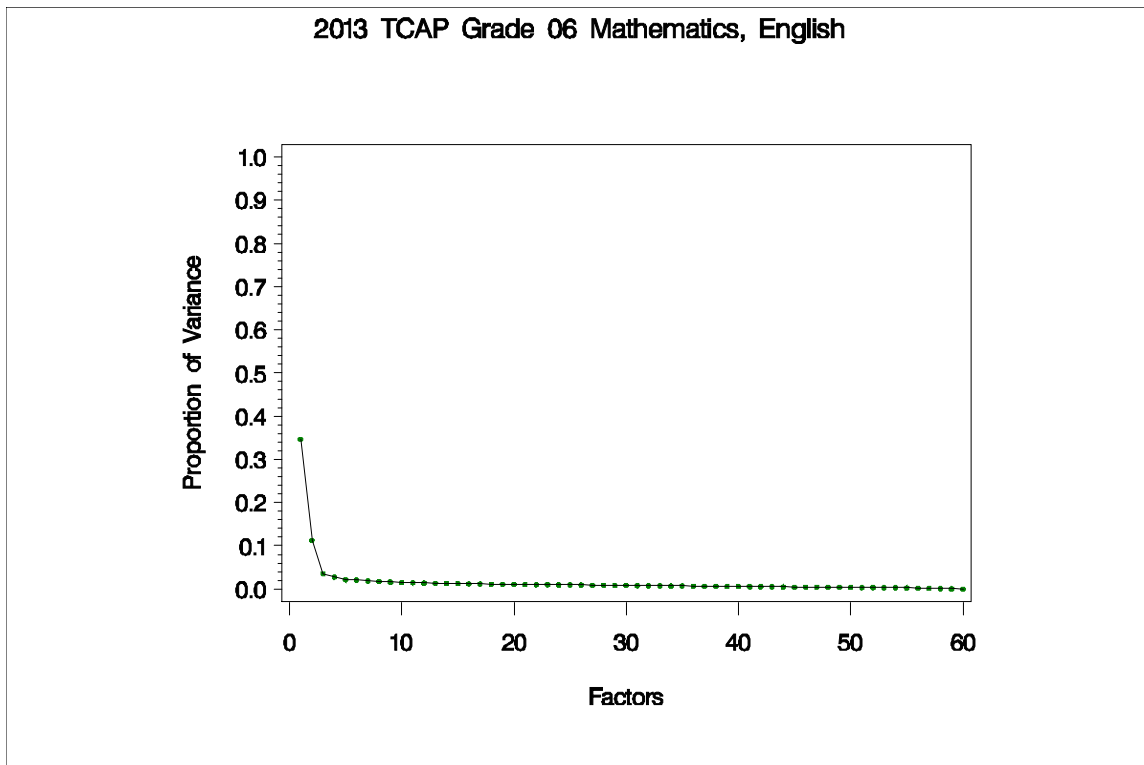
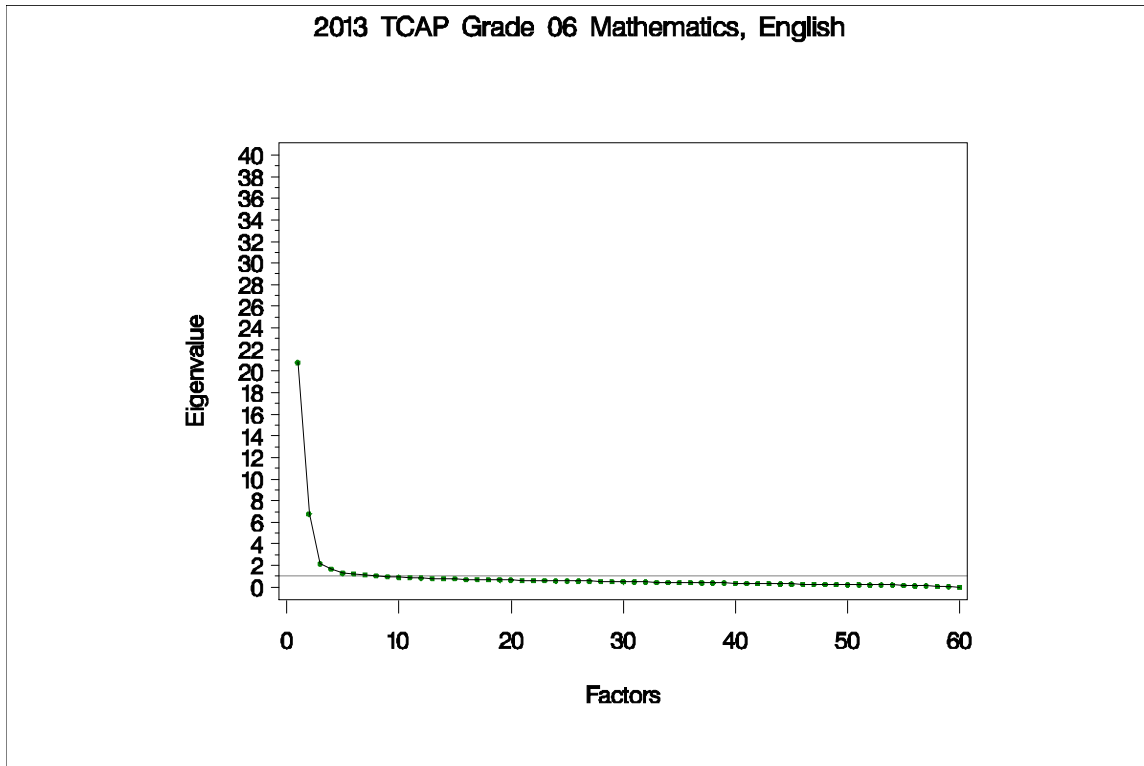


Figure 85. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 7 Mathematics

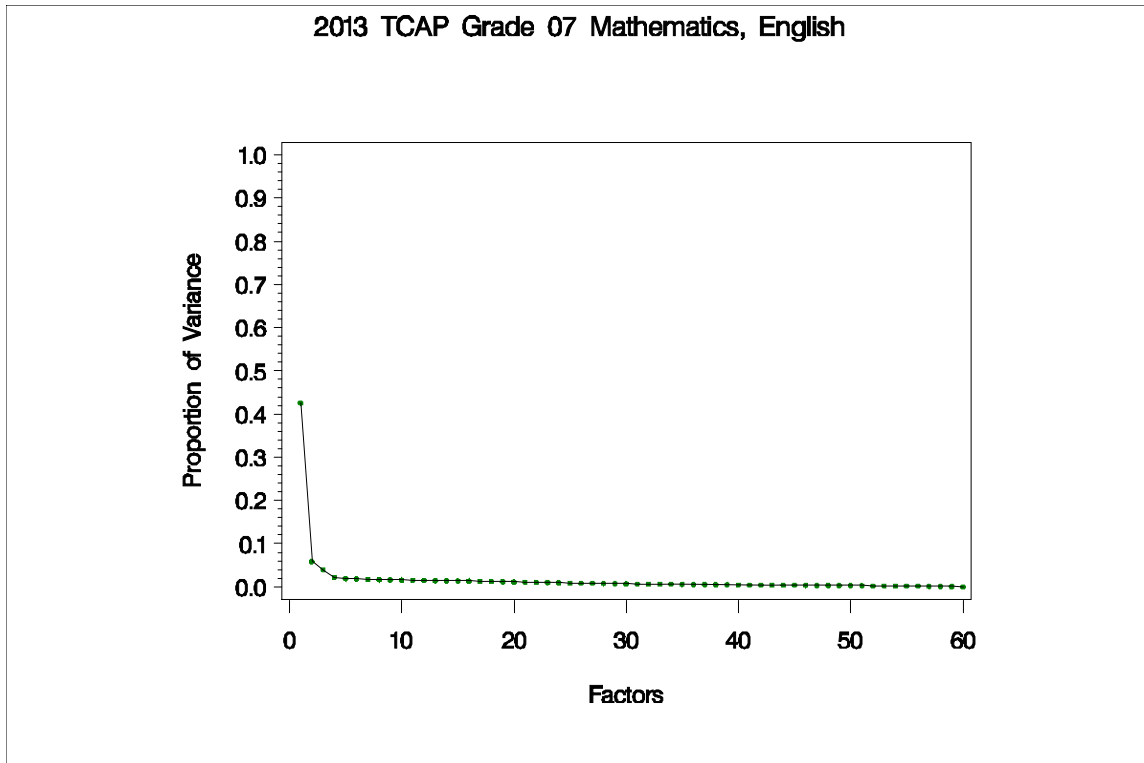
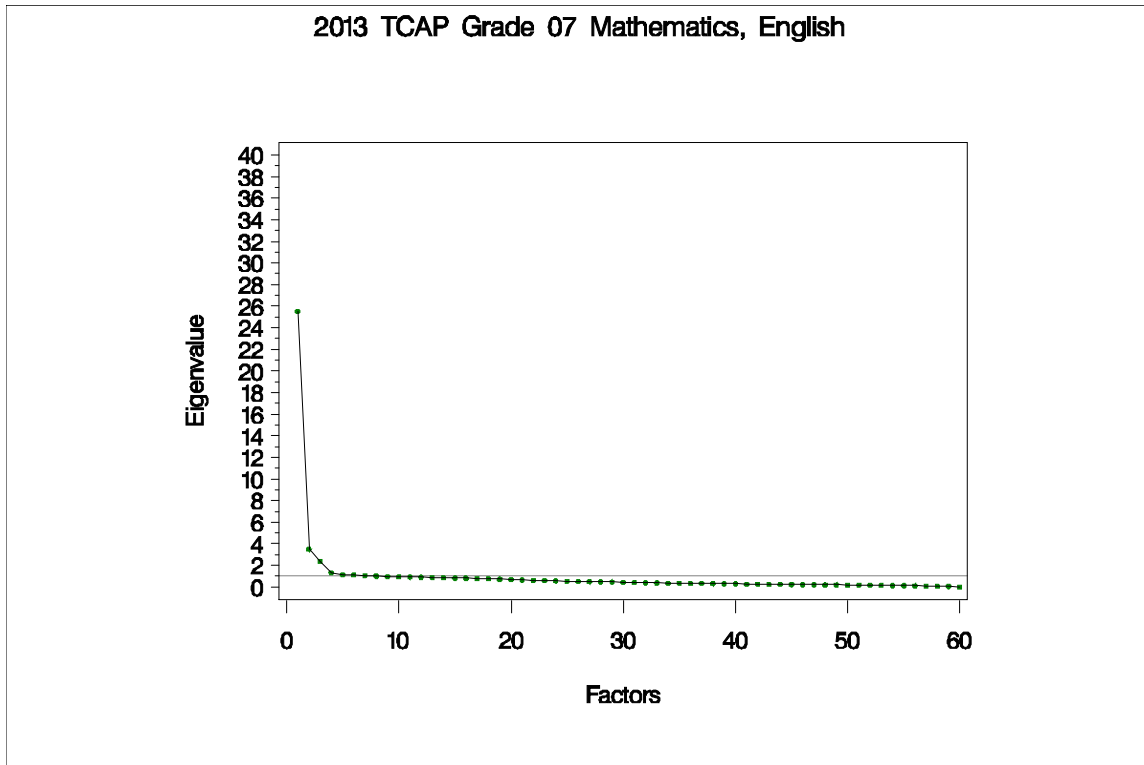


Figure 86. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 8 Mathematics

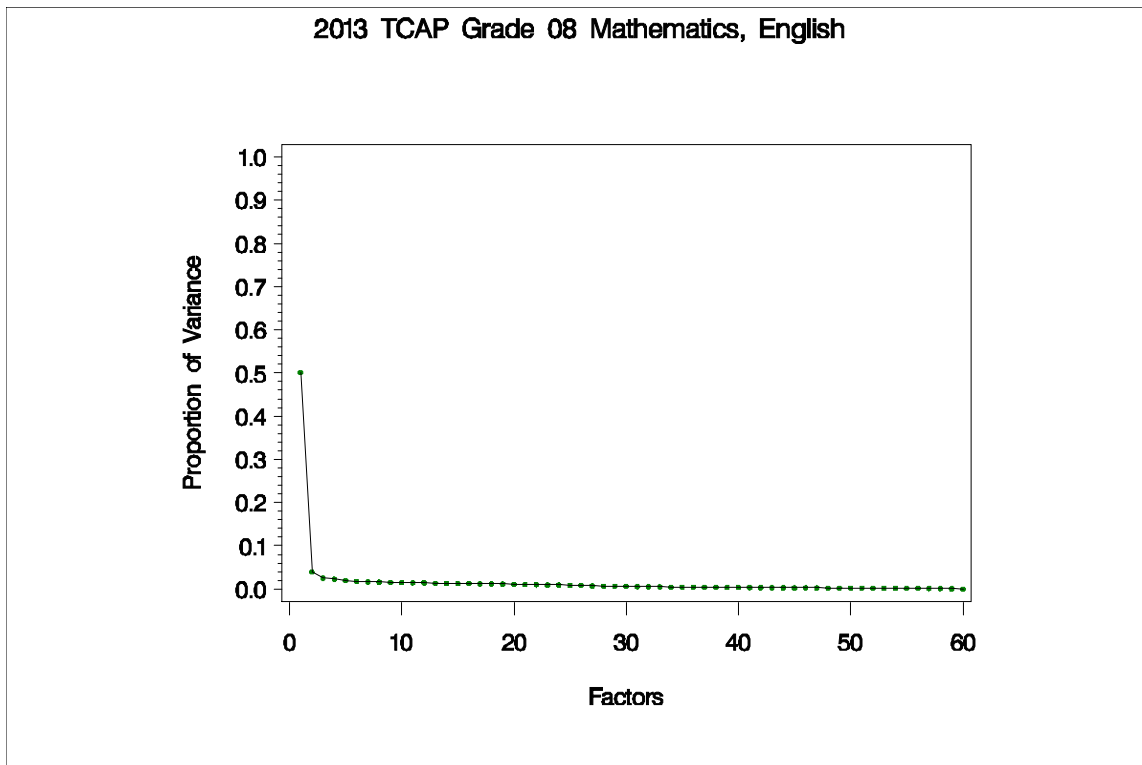
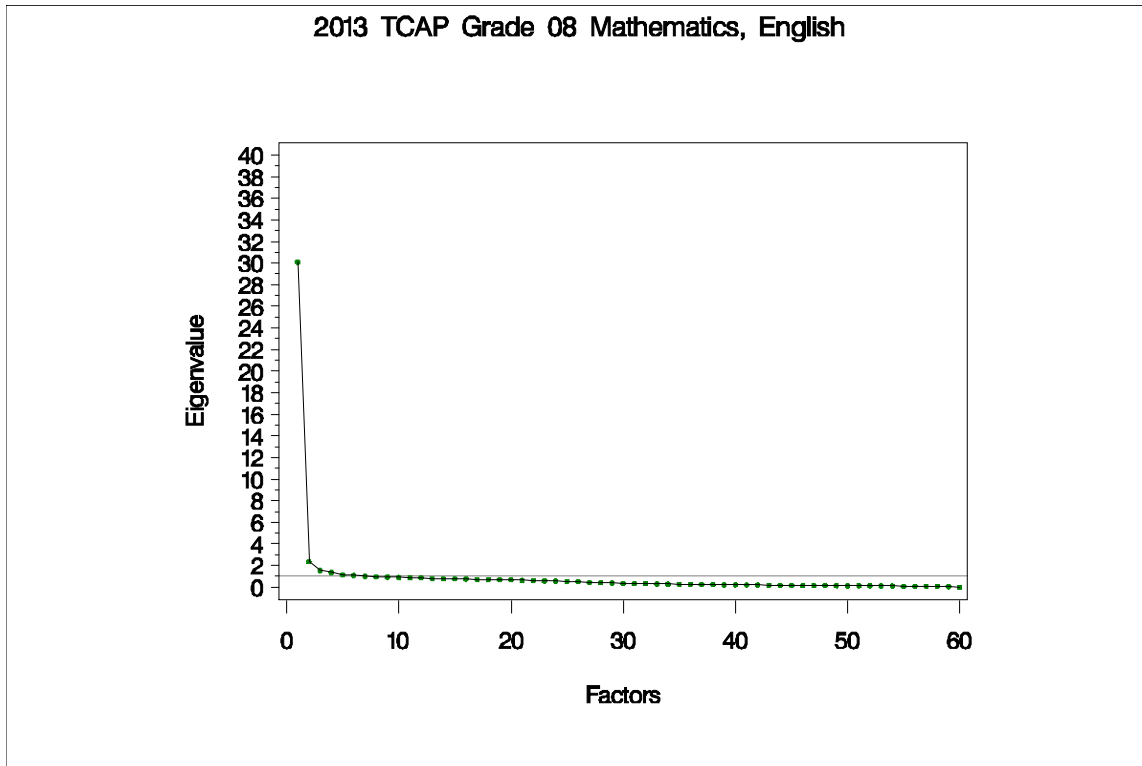


Figure 87. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 9 Mathematics

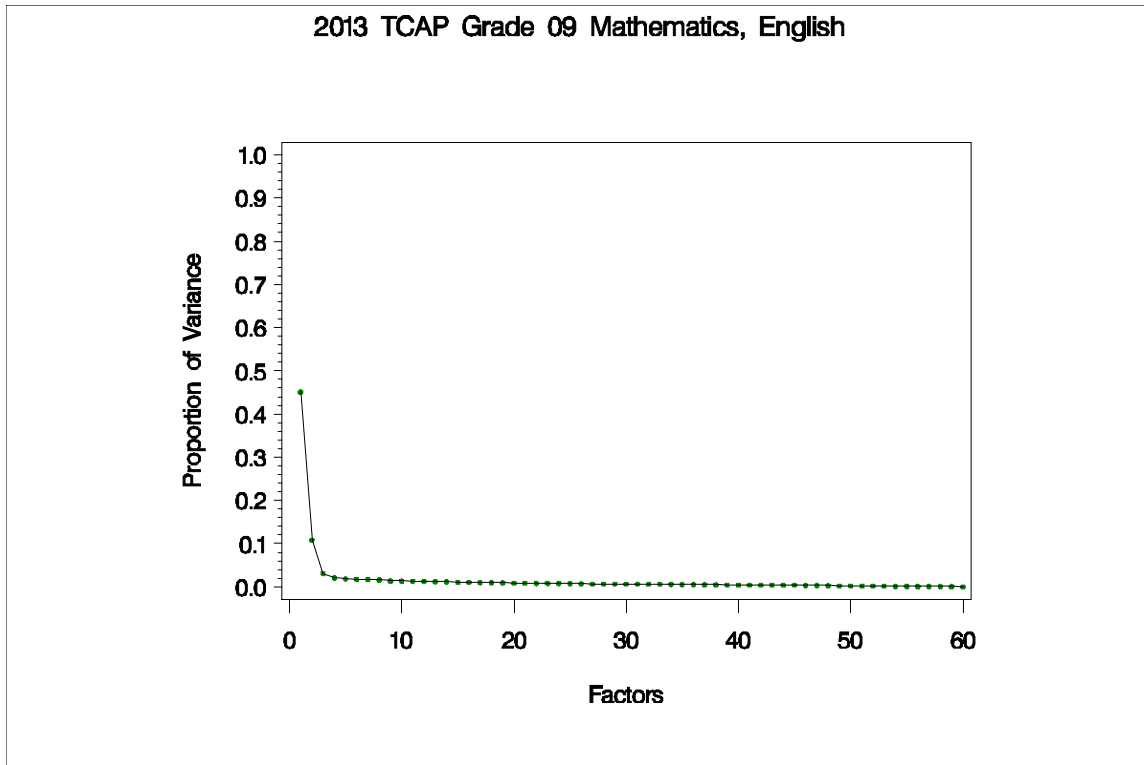
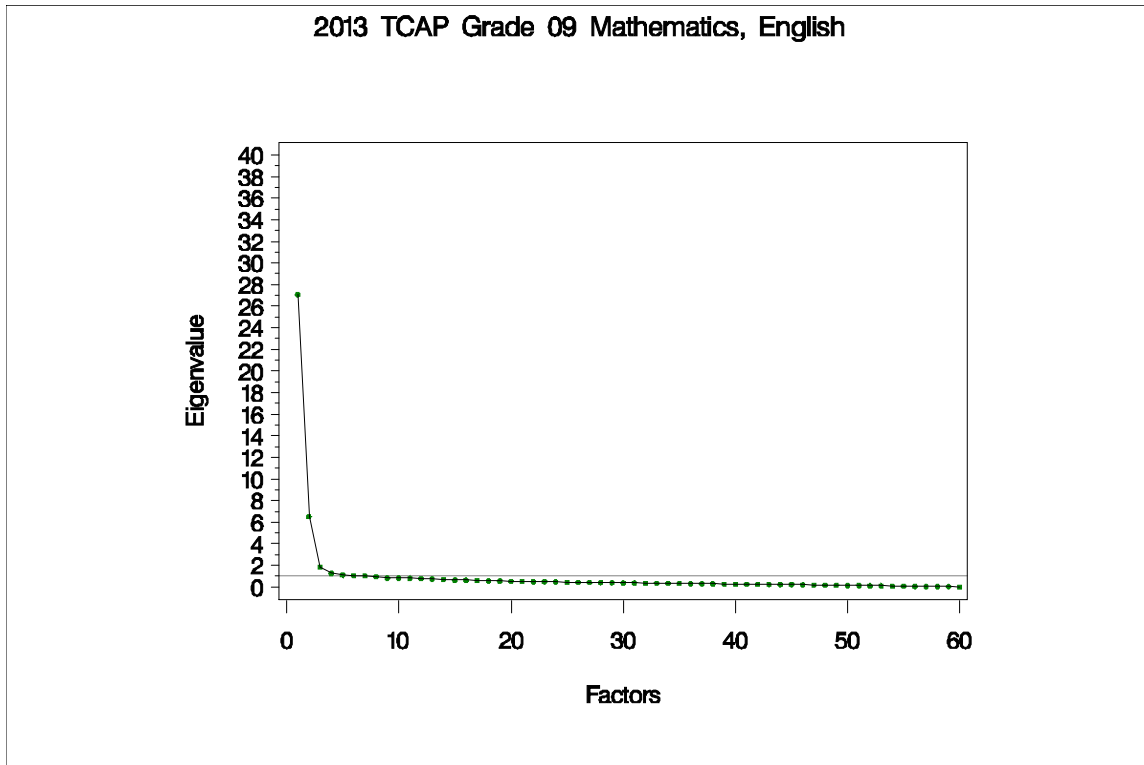


Figure 88. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 10 Mathematics

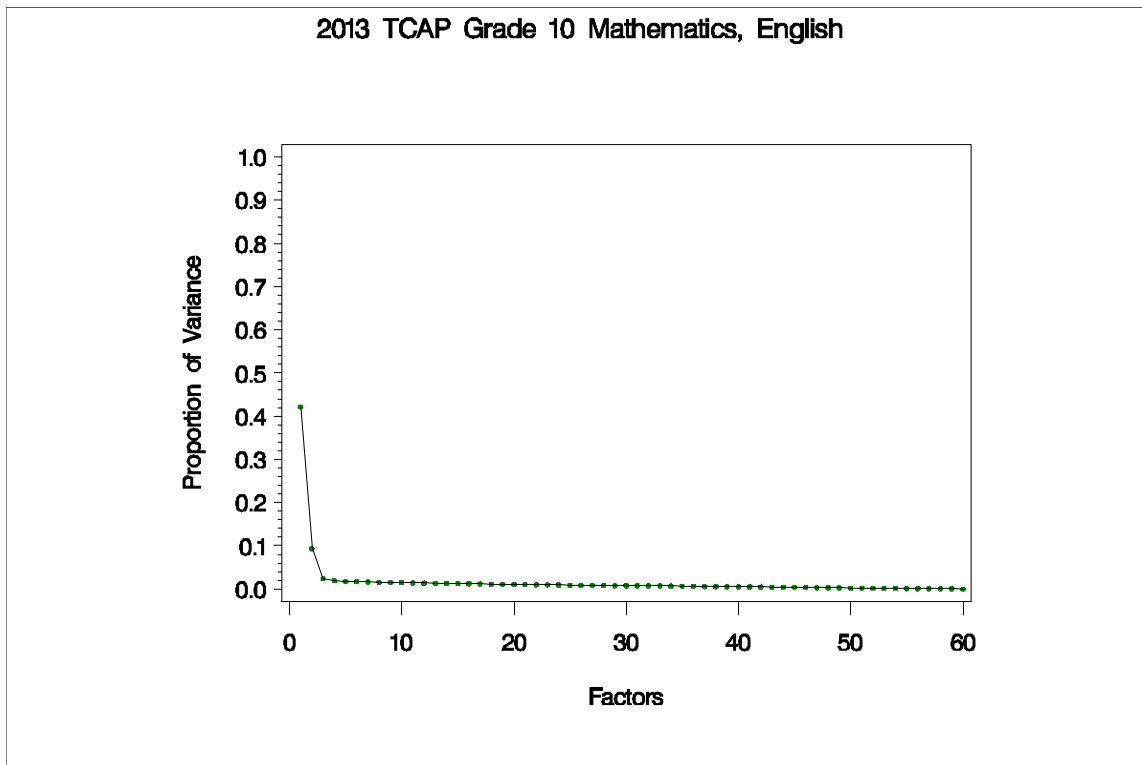
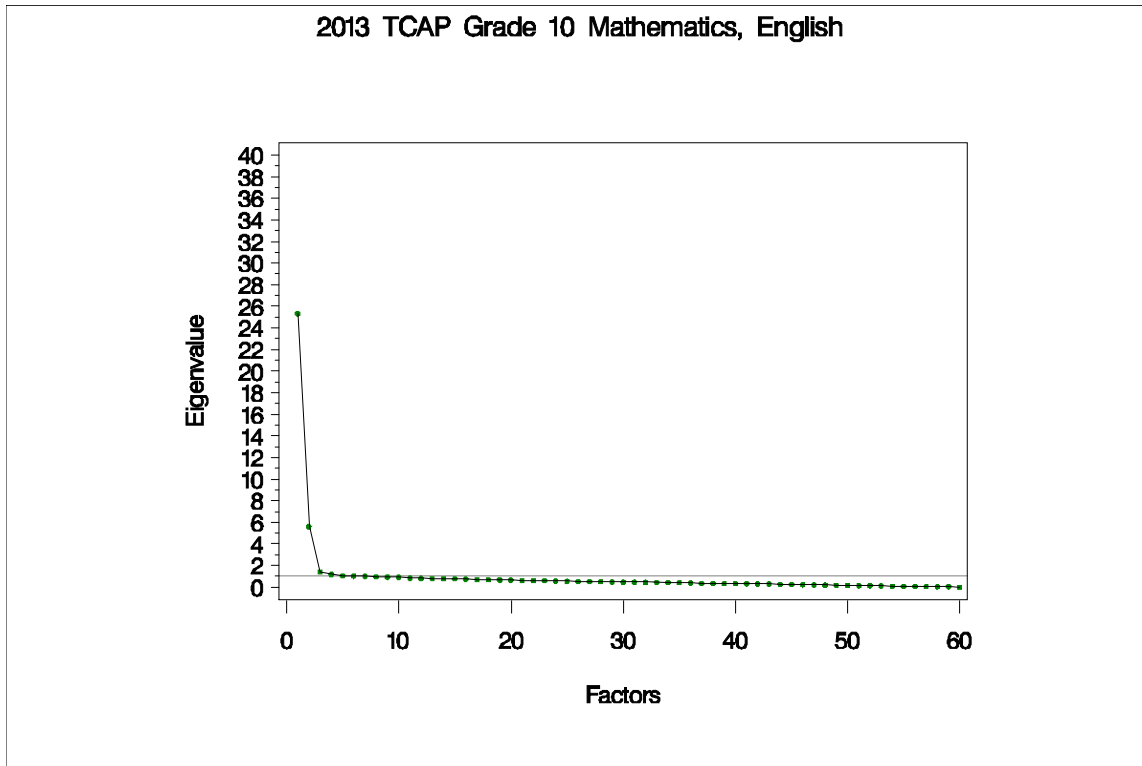


Figure 89. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 5 Science

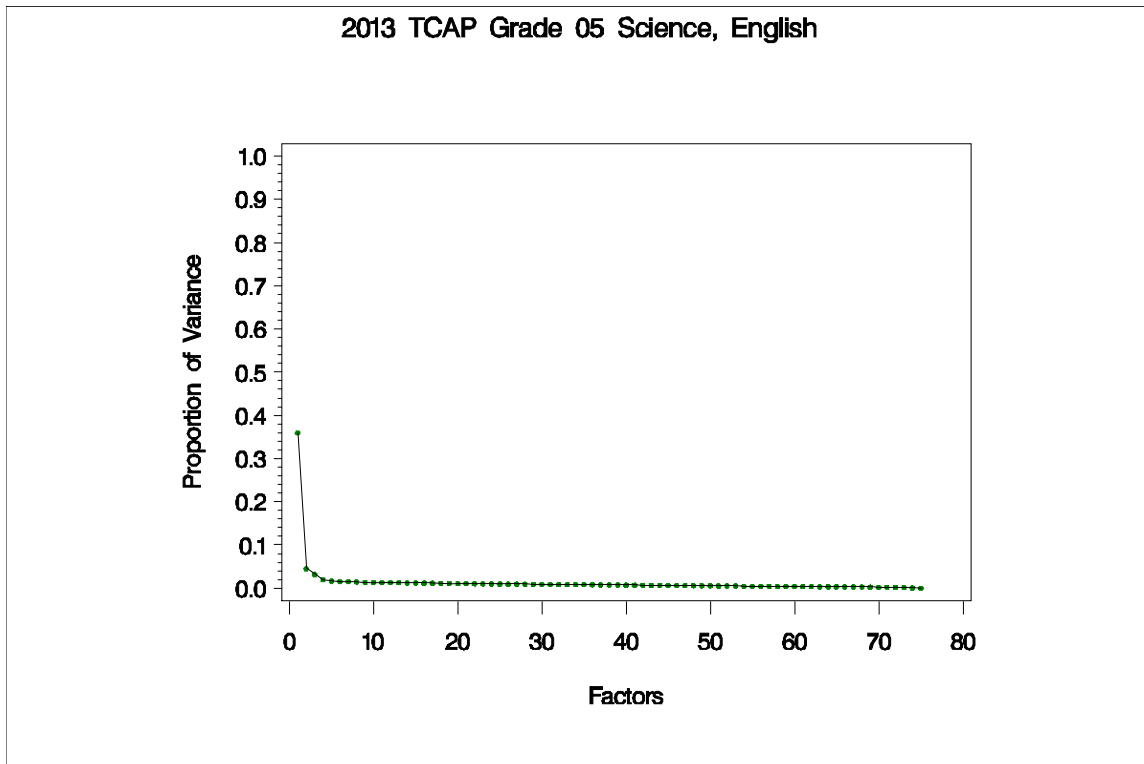
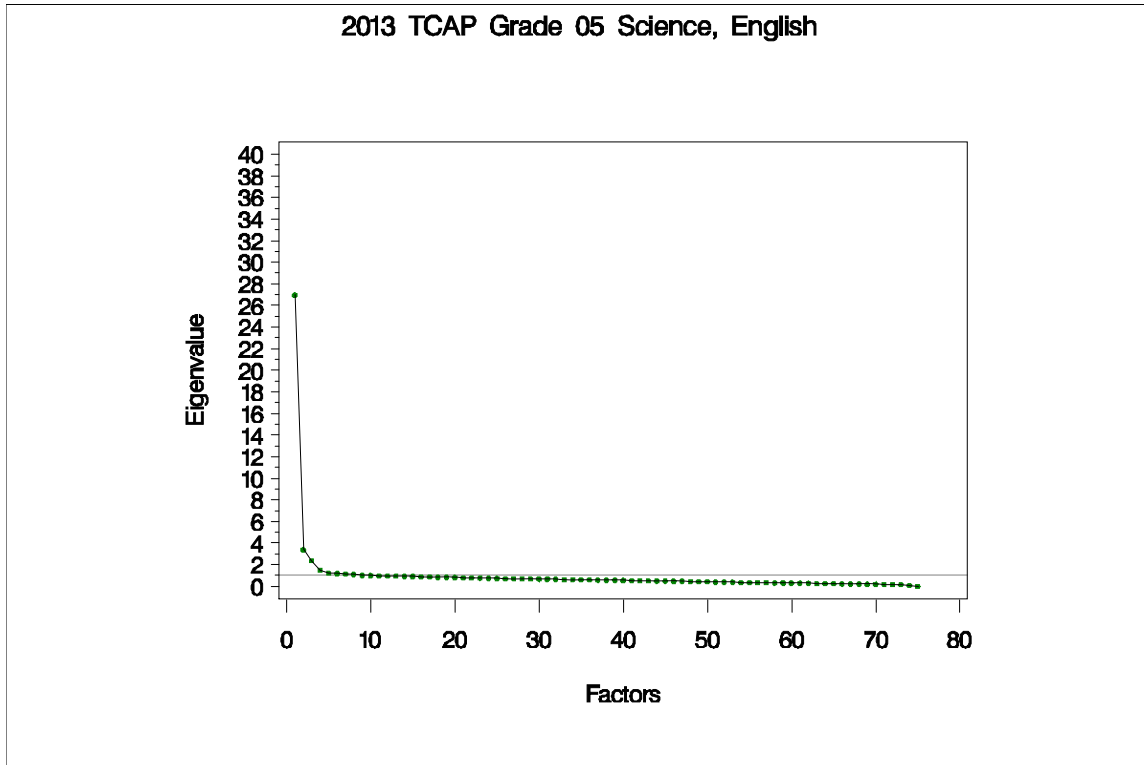


Figure 90. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 8 Science

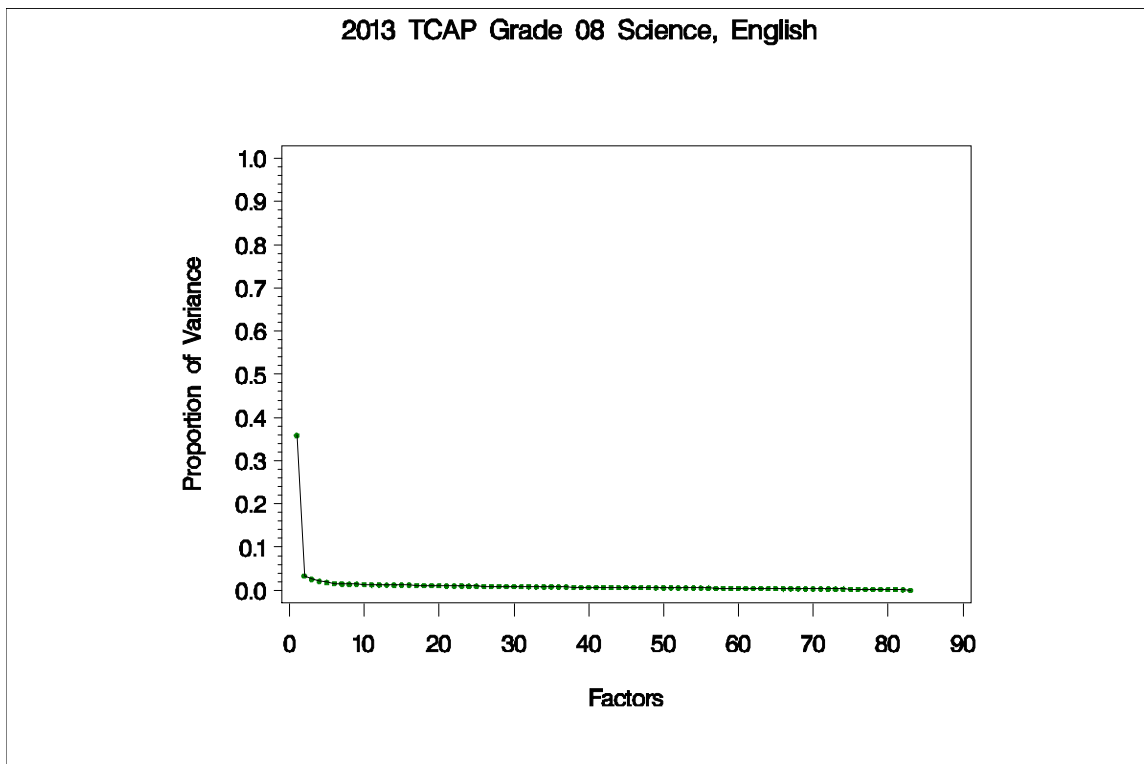
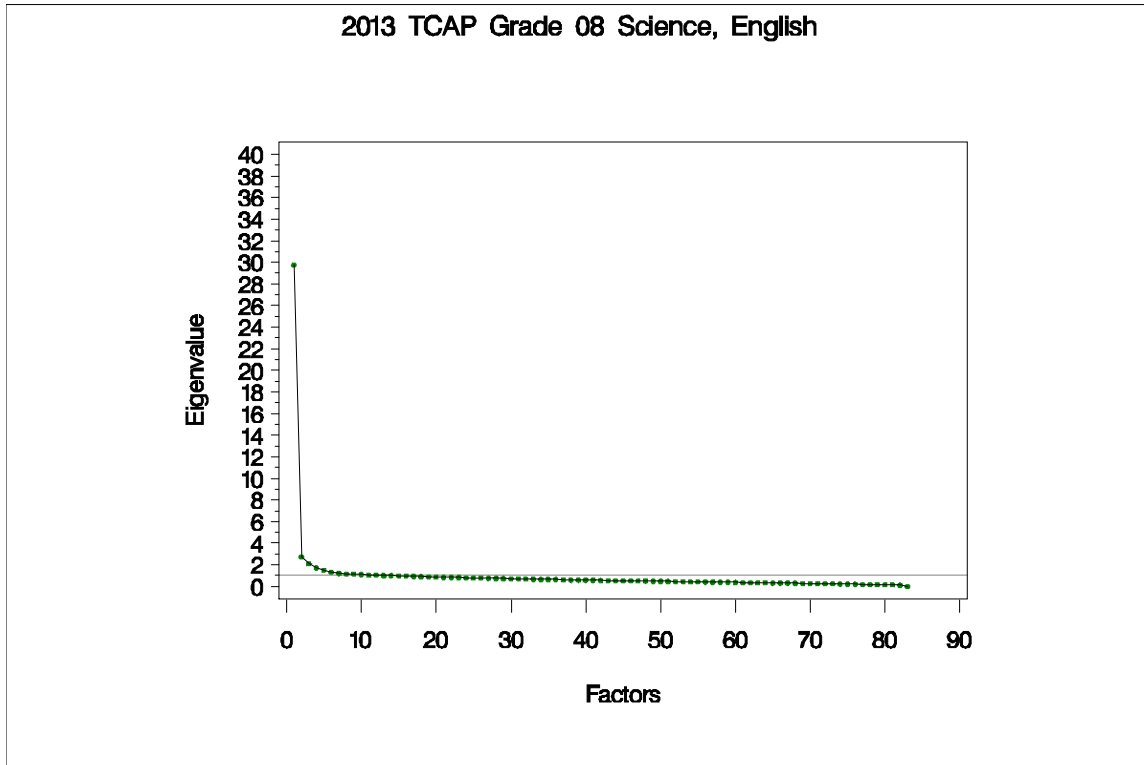


Figure 91. Eigenvalues and Proportions of Variance by Factor for TCAP Grade 10 Science

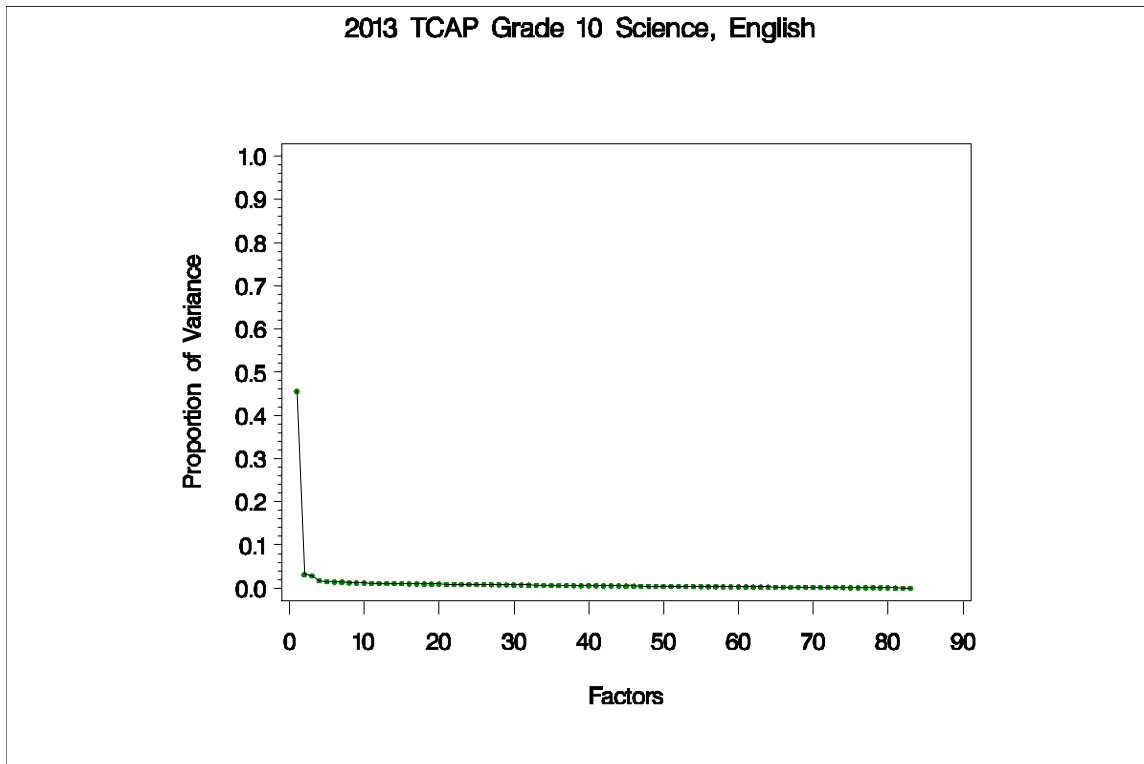
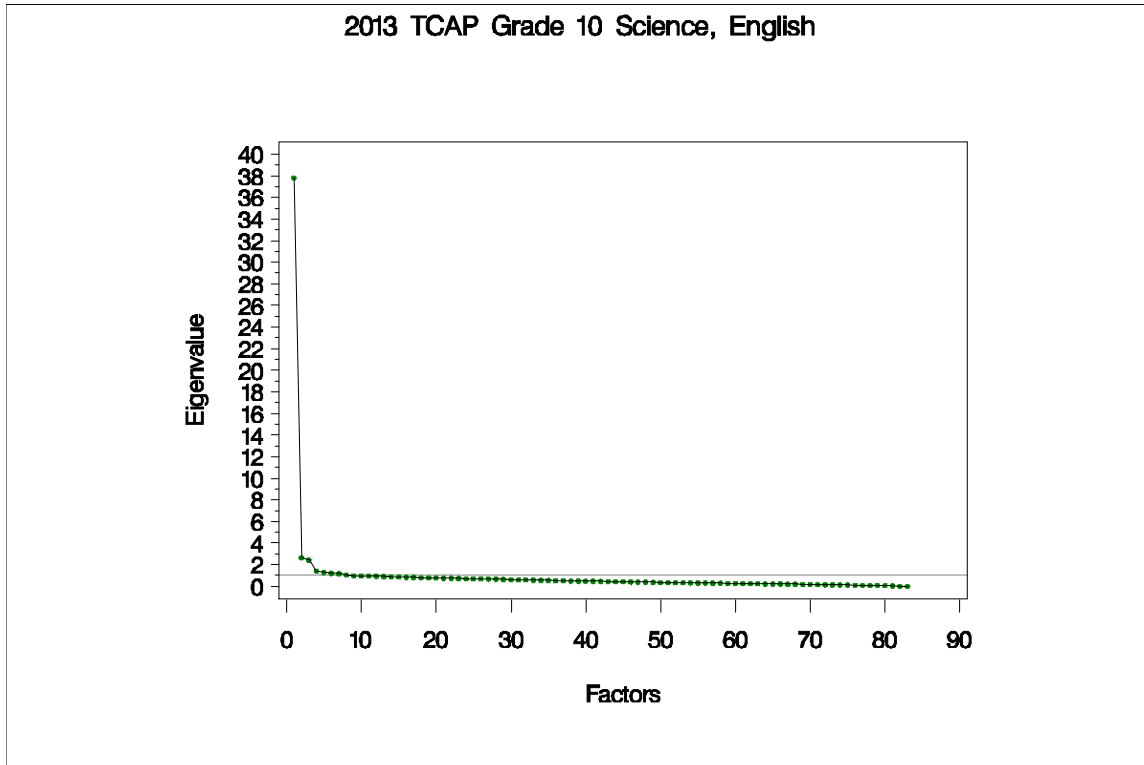


Figure 92. Median Scale Scores by Year for Writing Subcontent Areas: Grade 4

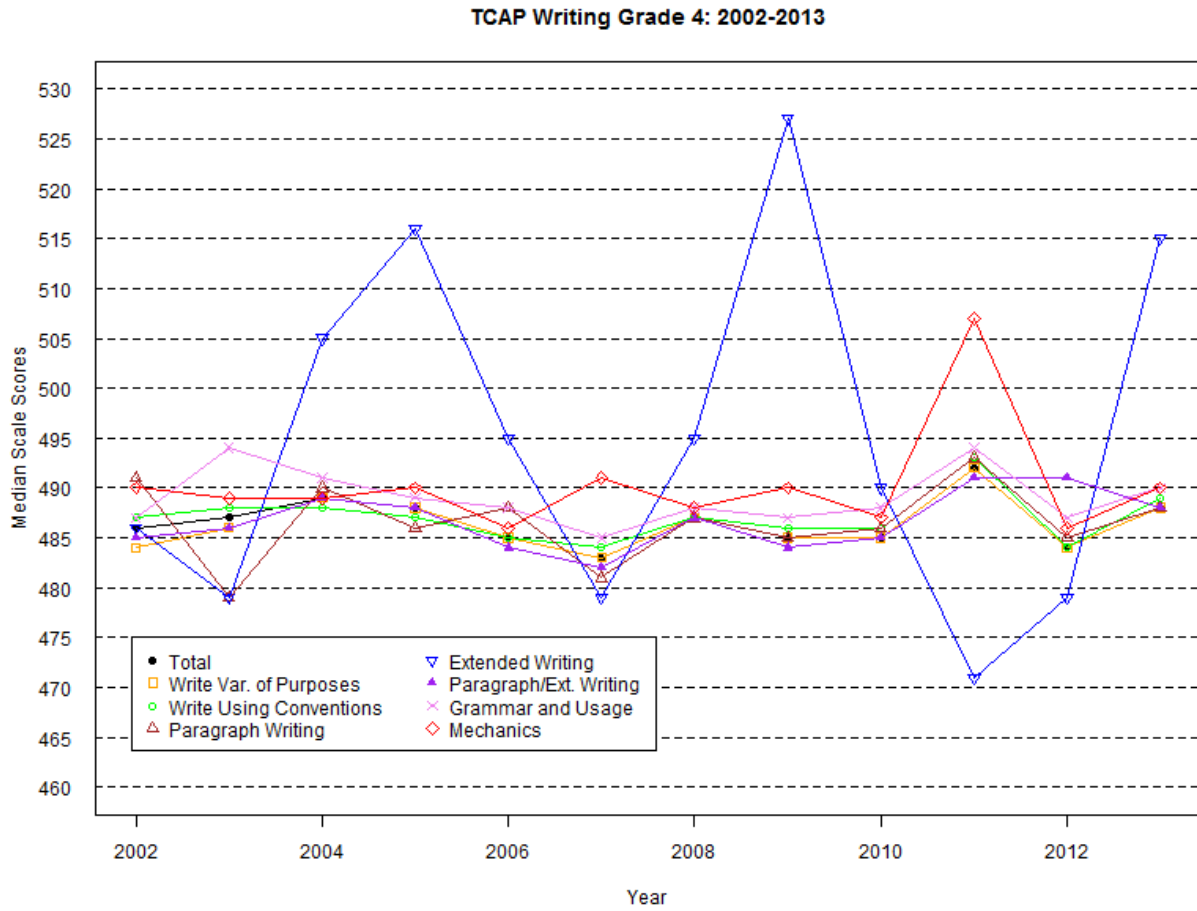


Figure 93. Median Scale Scores by Year for Writing Subcontent Areas: Grade 5

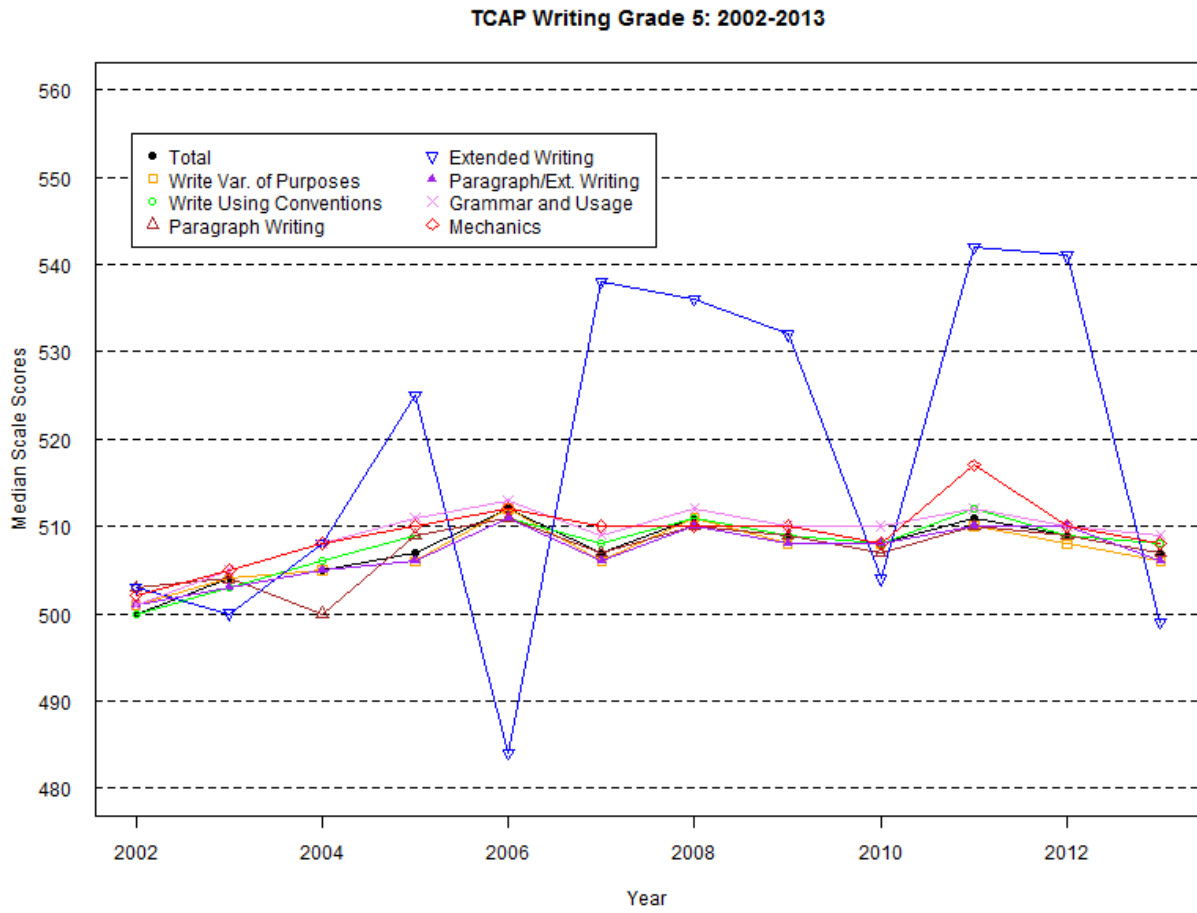


Figure 94. Median Scale Scores by Year for Writing Subcontent Areas: Grade 6

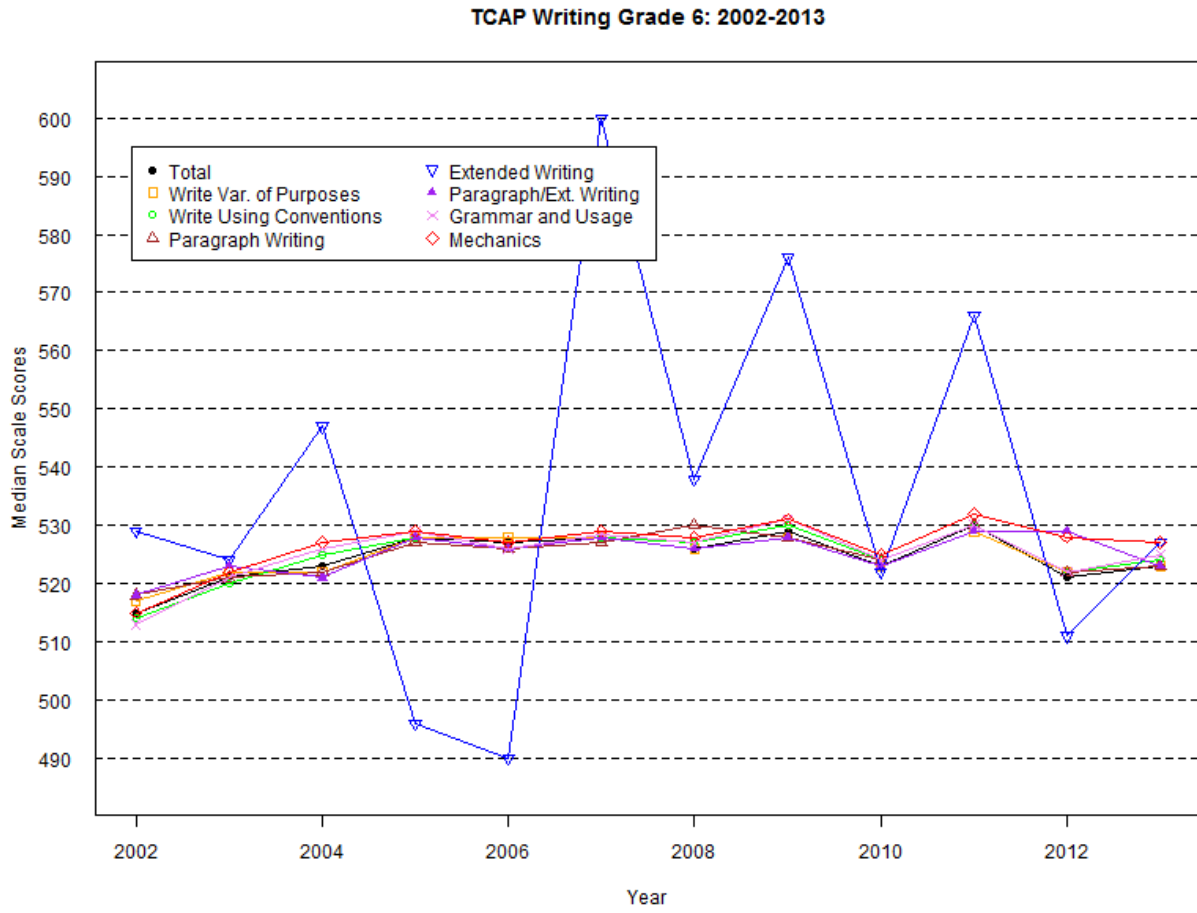


Figure 95. Median Scale Scores by Year for Writing Subcontent Areas: Grade 7

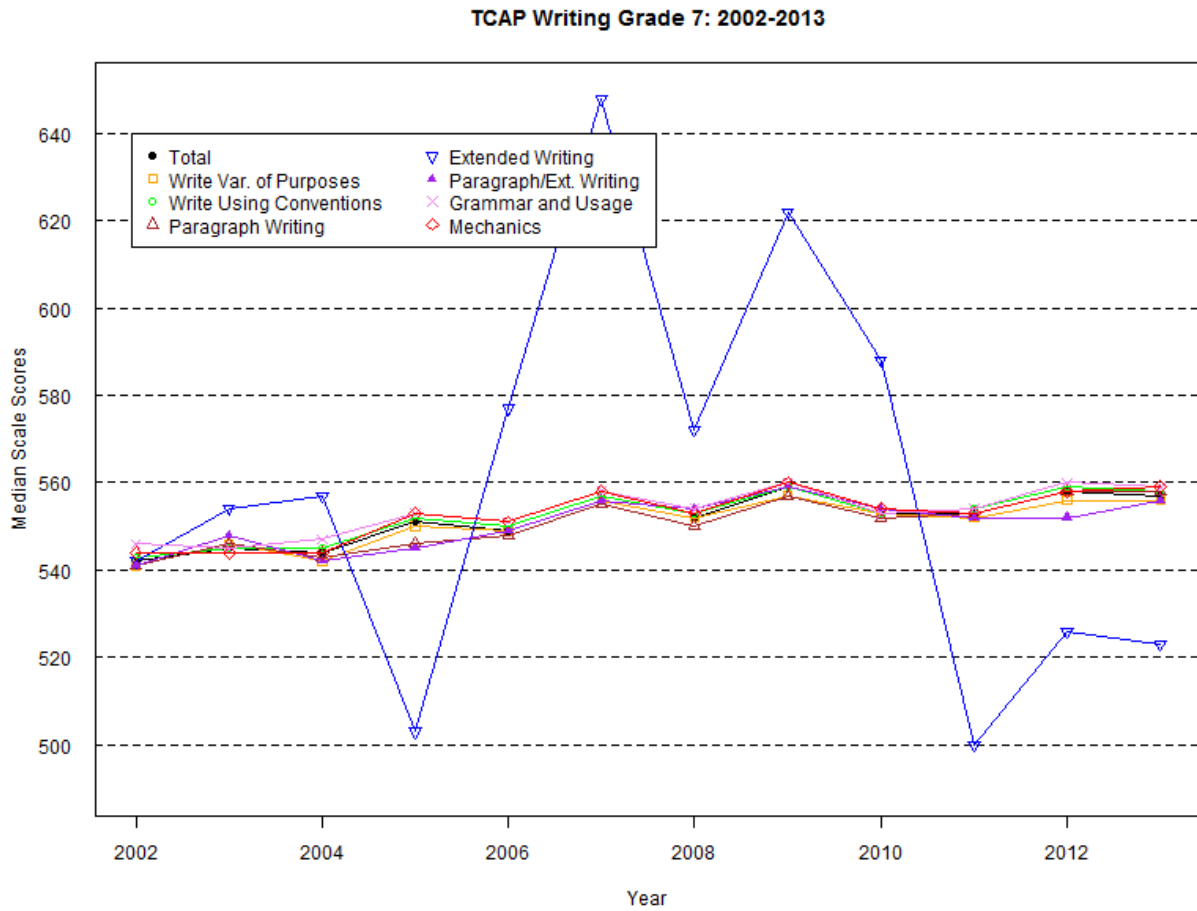


Figure 96. Median Scale Scores by Year for Writing Subcontent Areas: Grade 8

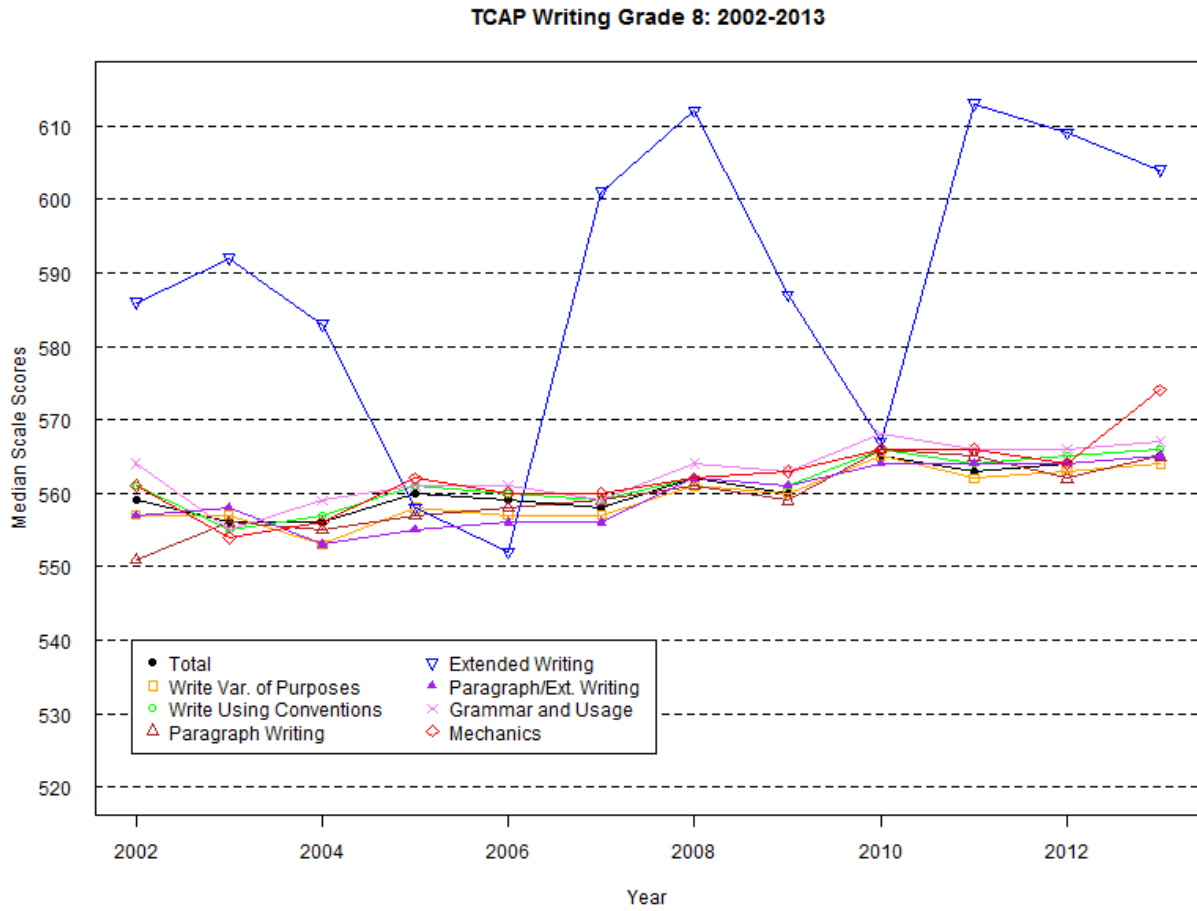


Figure 97. Median Scale Scores by Year for Writing Subcontent Areas: Grade 9

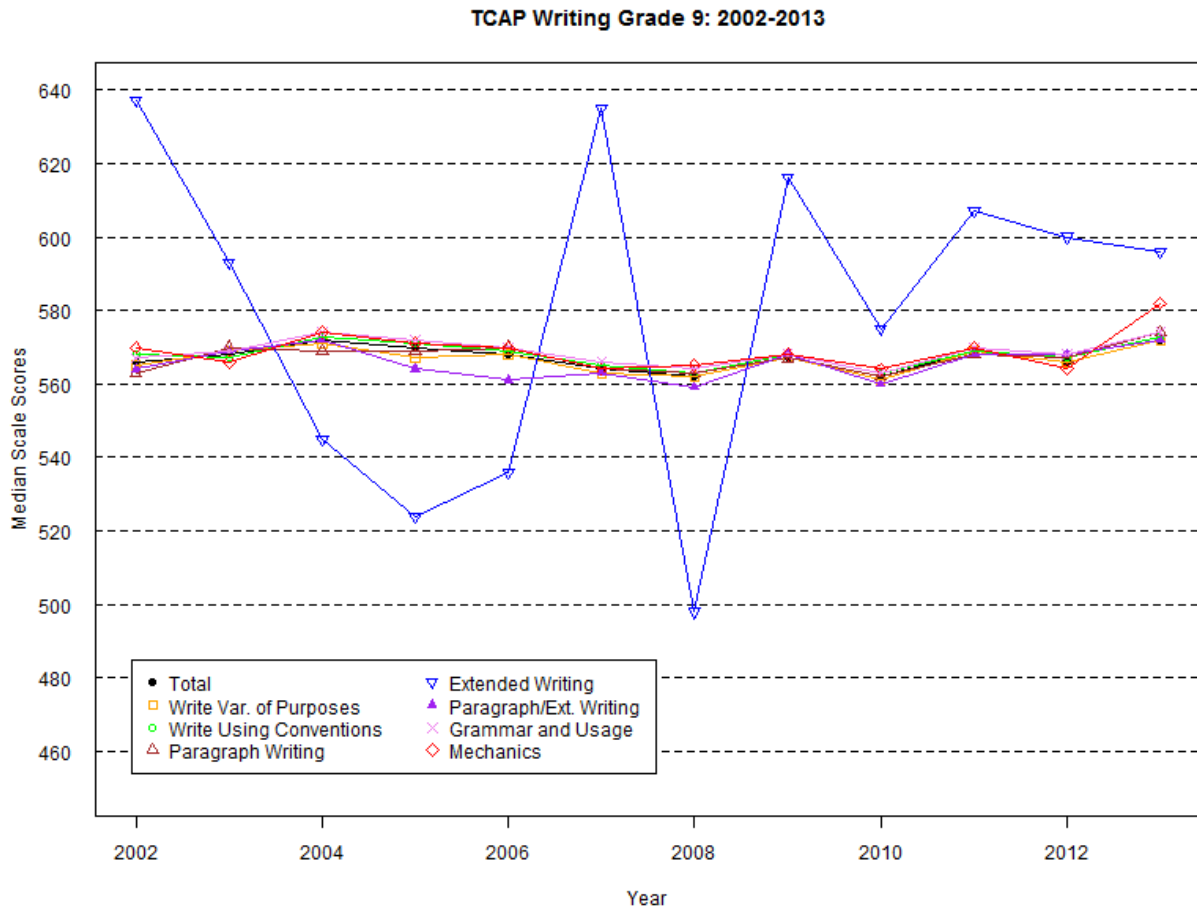


Figure 98. Median Scale Scores by Year for Writing Subcontent Areas: Grade 10

