

# APPENDIX K

## $\alpha$ -PLOTS AND $b$ -PLOTS

Figure K-1. 2016 MCAS:  $\alpha$ -Plot –  
ELA Grade 3

A/A Plot: English Language Arts Grade 3

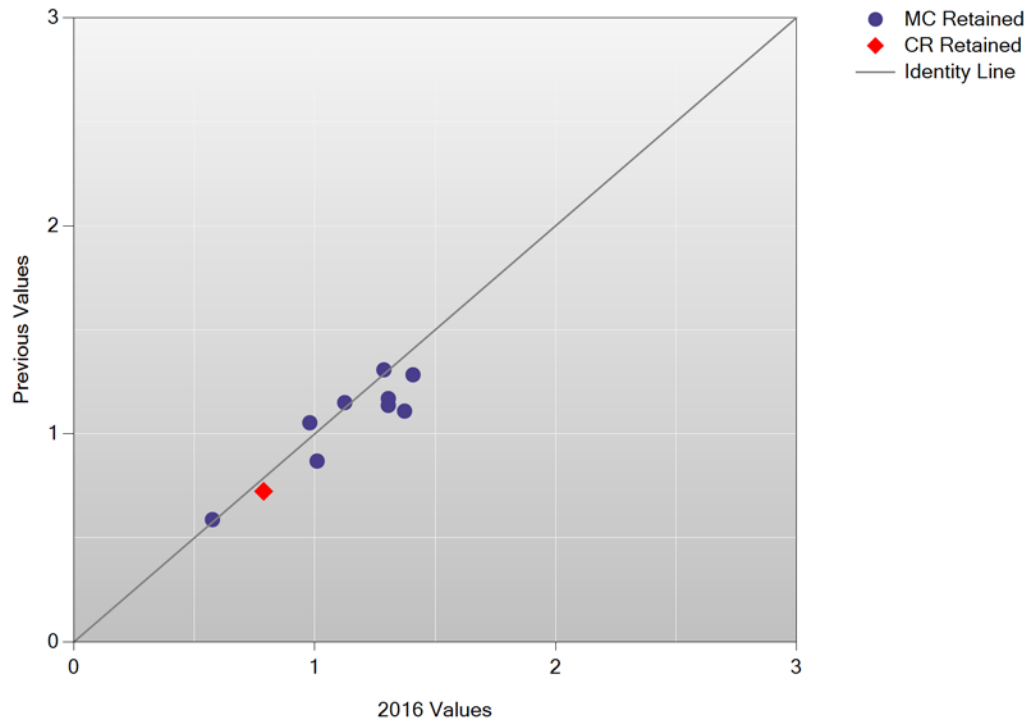


Figure K-2. 2016 MCAS: *b*-Plot –  
ELA Grade 3

B/B Plot: English Language Arts Grade 3

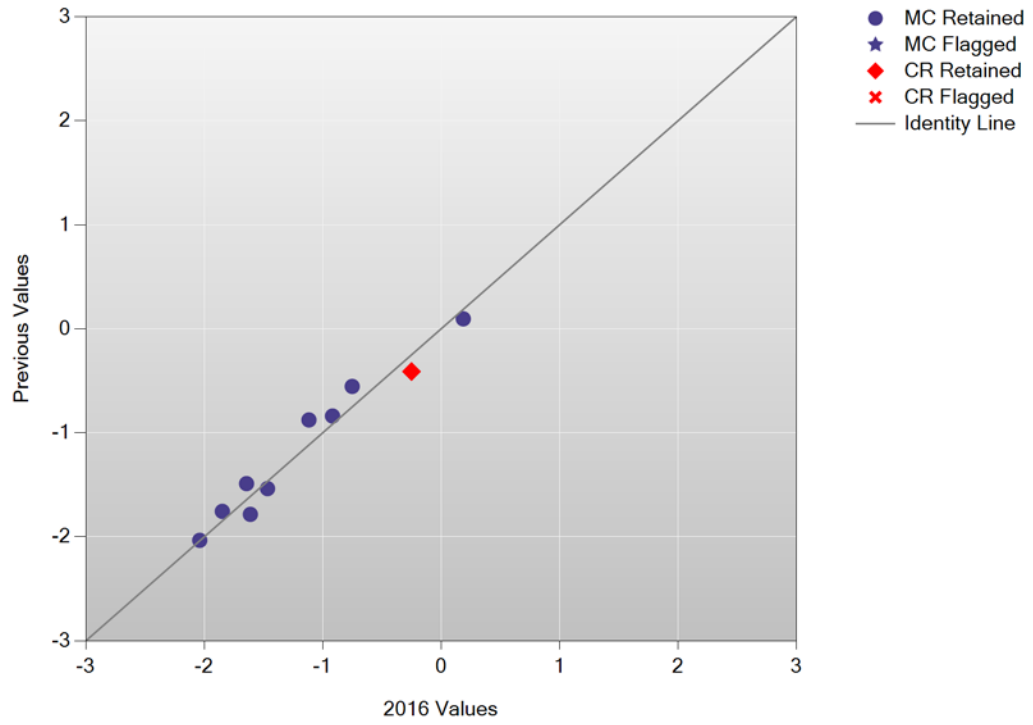


Figure K-3. 2016 MCAS:  $\alpha$ -Plot –  
ELA Grade 4

A/A Plot: English Language Arts Grade 4

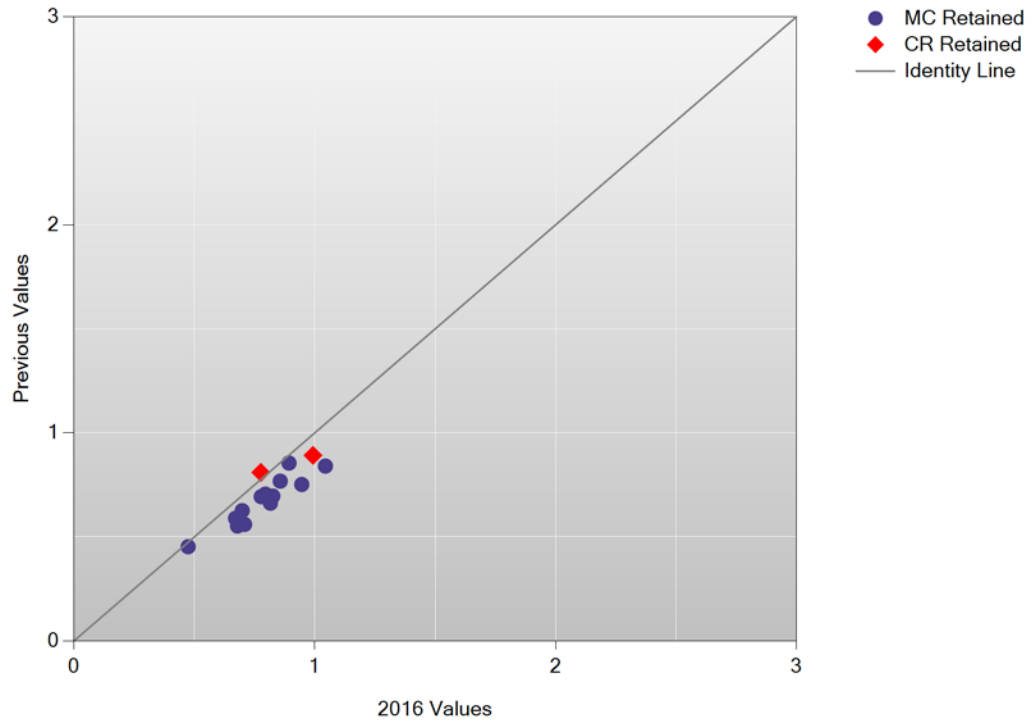


Figure K-4. 2016 MCAS: *b*-Plot –  
ELA Grade 4

B/B Plot: English Language Arts Grade 4

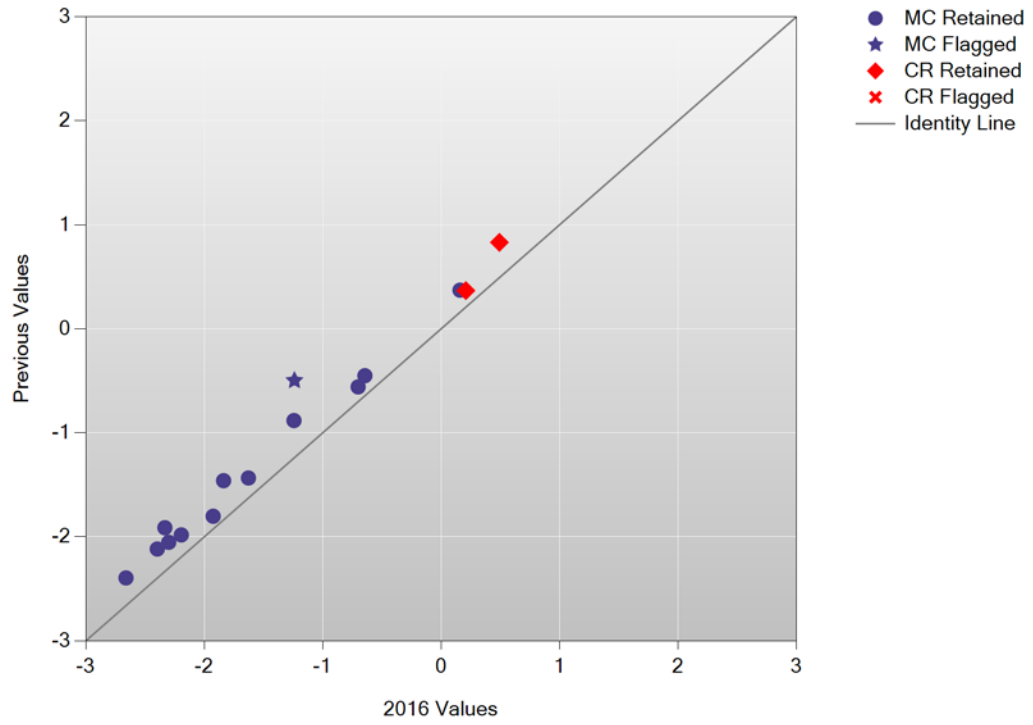


Figure K-5. 2016 MCAS:  $\alpha$ -Plot –  
ELA Grade 5

A/A Plot: English Language Arts Grade 5

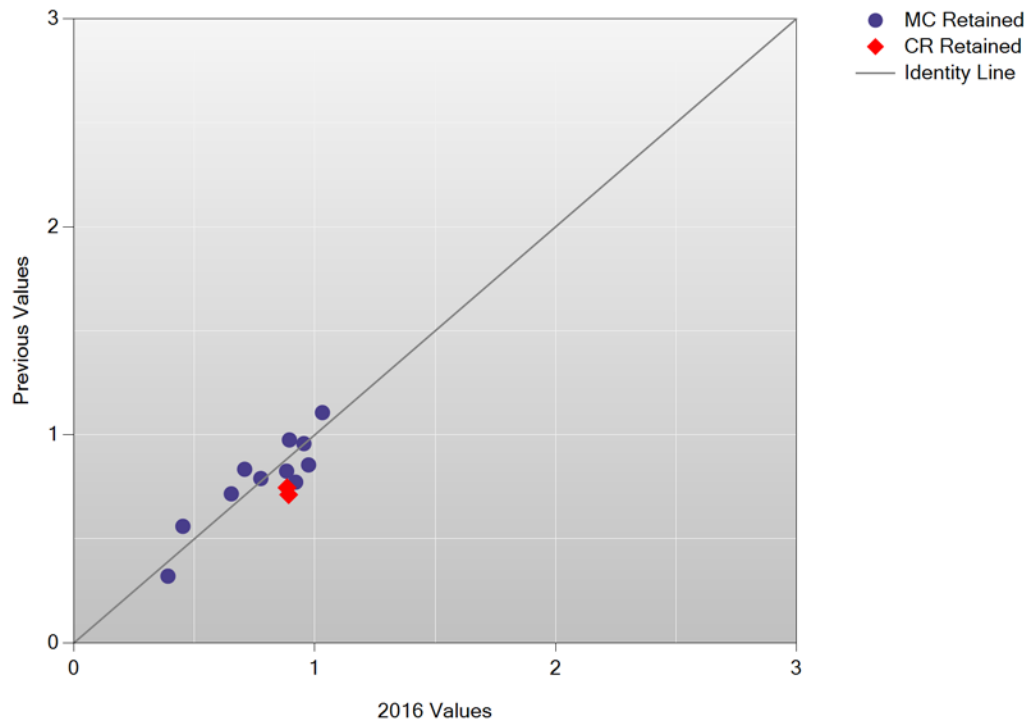


Figure K-6. 2016 MCAS: *b*-Plot –  
ELA Grade 5

B/B Plot: English Language Arts Grade 5

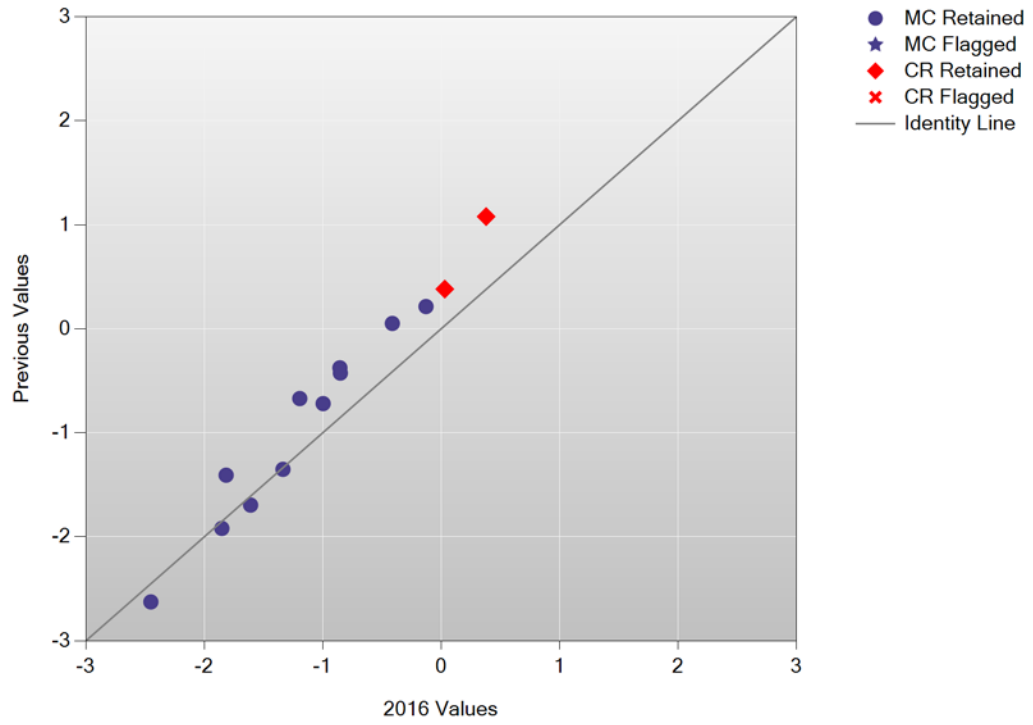


Figure K-7. 2016 MCAS:  $\alpha$ -Plot –  
ELA Grade 6

A/A Plot: English Language Arts Grade 6

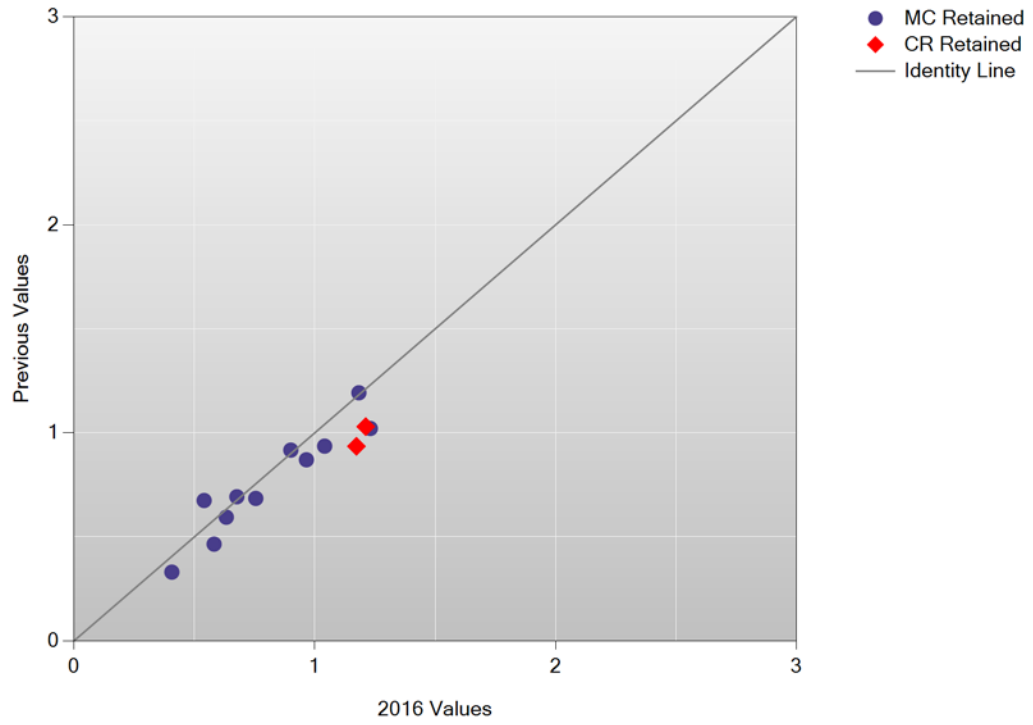




Figure K-8. 2016 MCAS: *b*-Plot –  
ELA Grade 6

B/B Plot: English Language Arts Grade 6

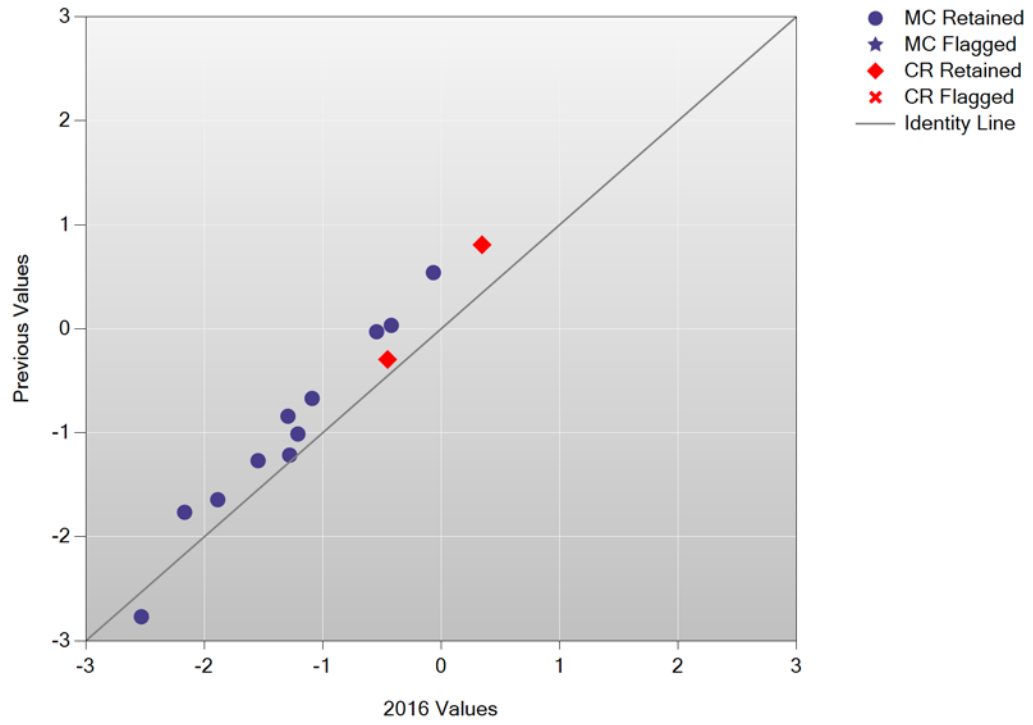


Figure K-9. 2016 MCAS:  $\alpha$ -Plot –  
ELA Grade 7

A/A Plot: English Language Arts Grade 7

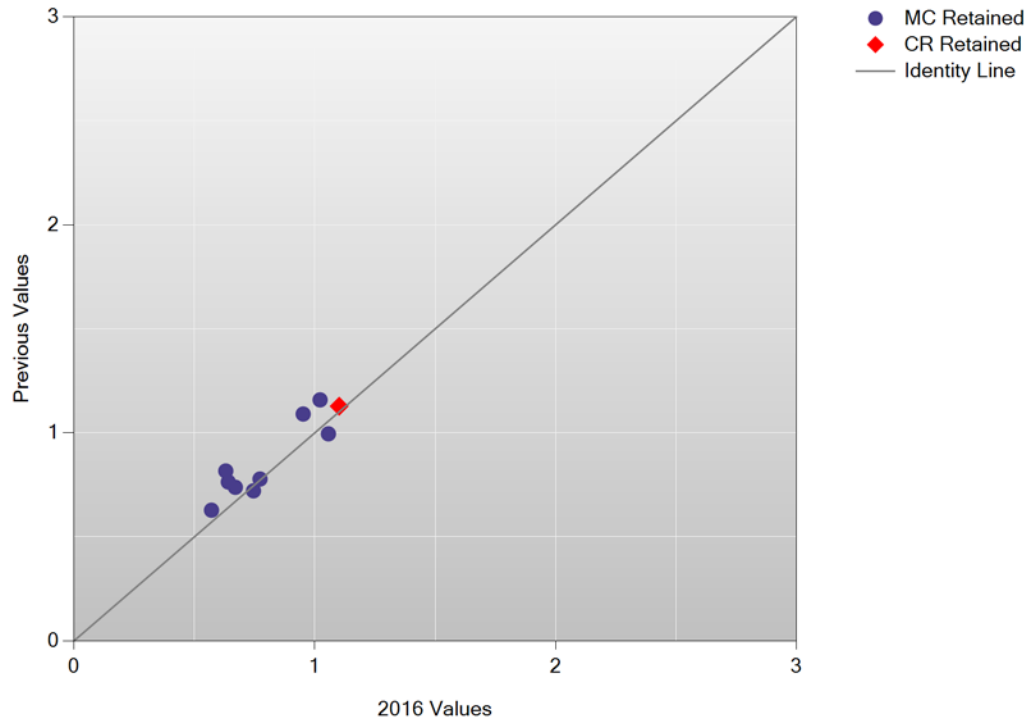


Figure K-10. 2016 MCAS: *b*-Plot –  
ELA Grade 7

B/B Plot: English Language Arts Grade 7

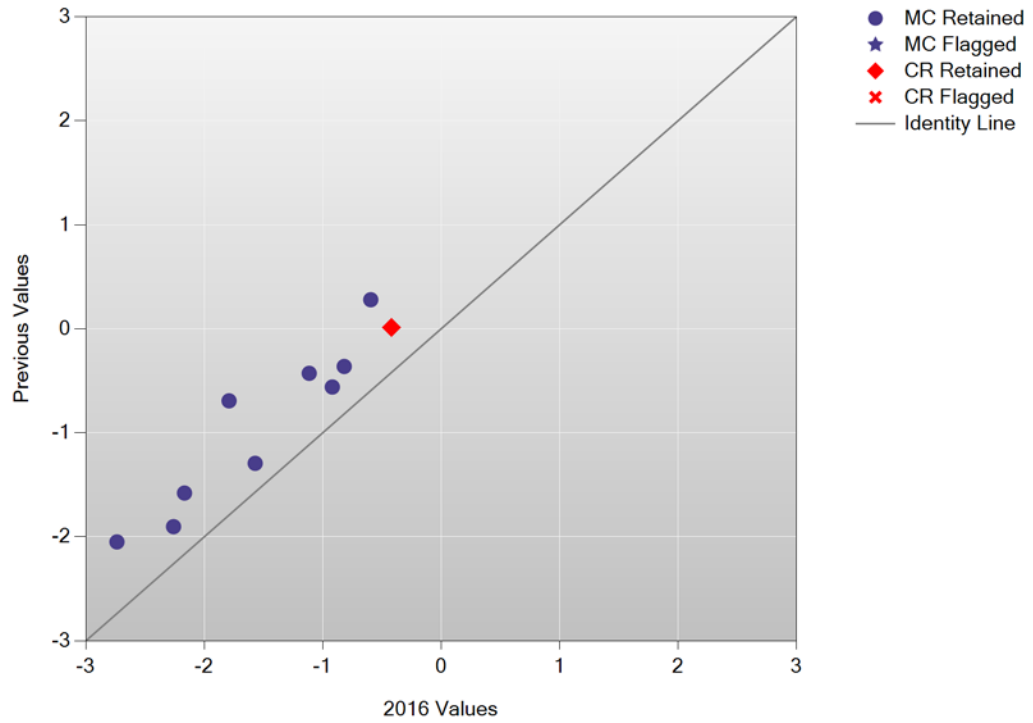


Figure K-11. 2016 MCAS:  $\alpha$ -Plot –  
ELA Grade 8

A/A Plot: English Language Arts Grade 8

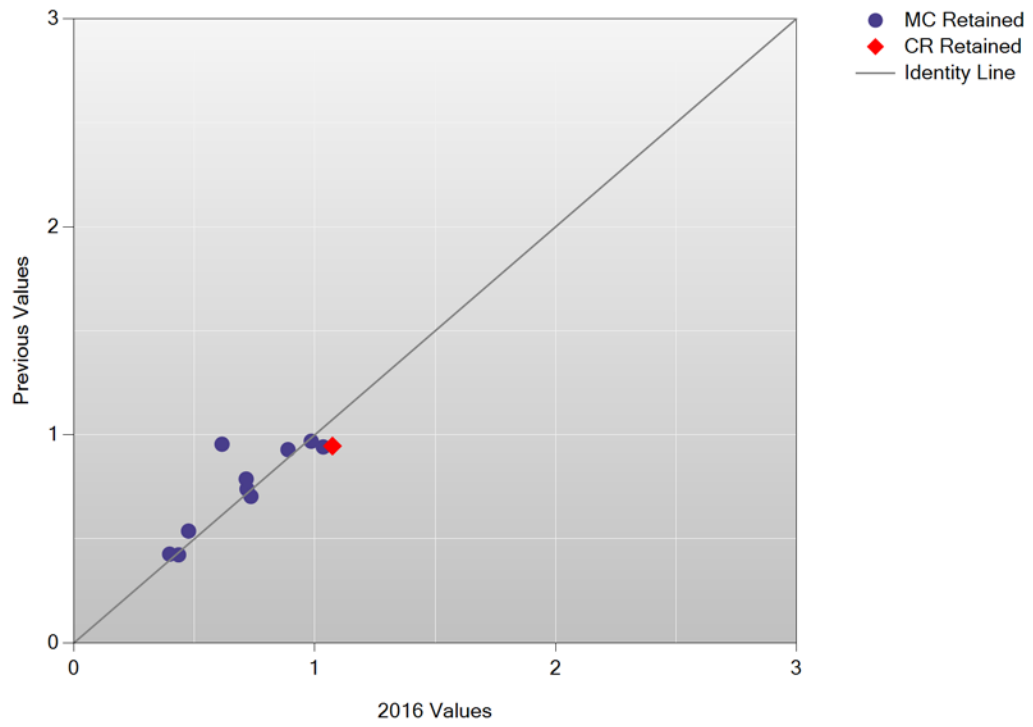


Figure K-12. 2016 MCAS: *b*-Plot –  
ELA Grade 8

B/B Plot: English Language Arts Grade 8

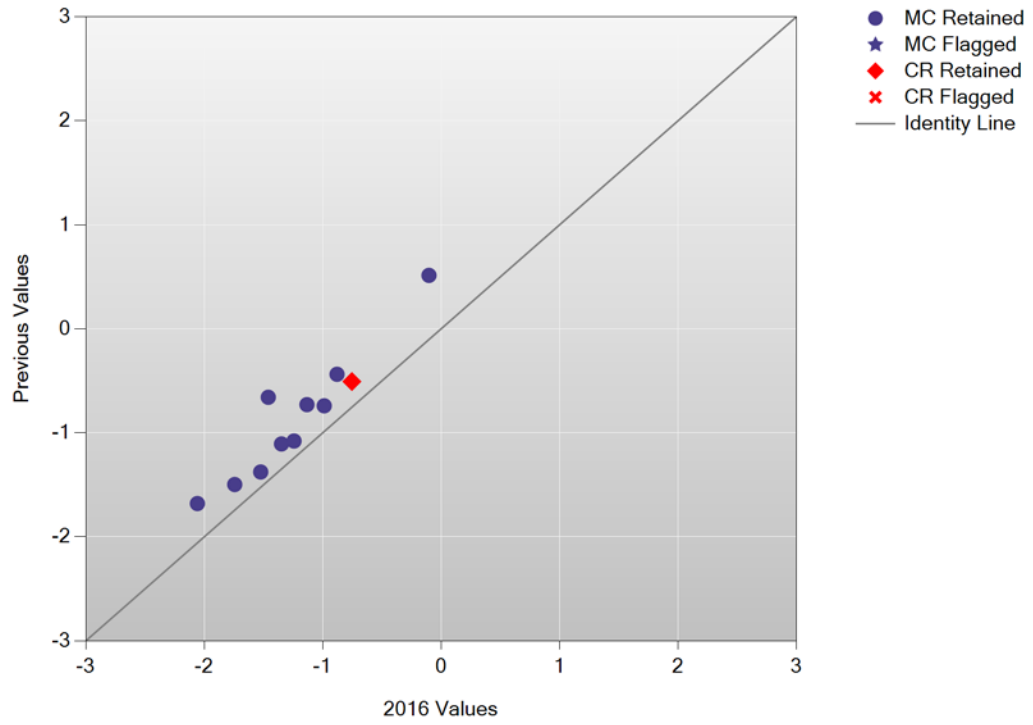


Figure K-13. 2016 MCAS:  $\alpha$ -Plot –  
ELA Grade 10

A/A Plot: English Language Arts Grade 10

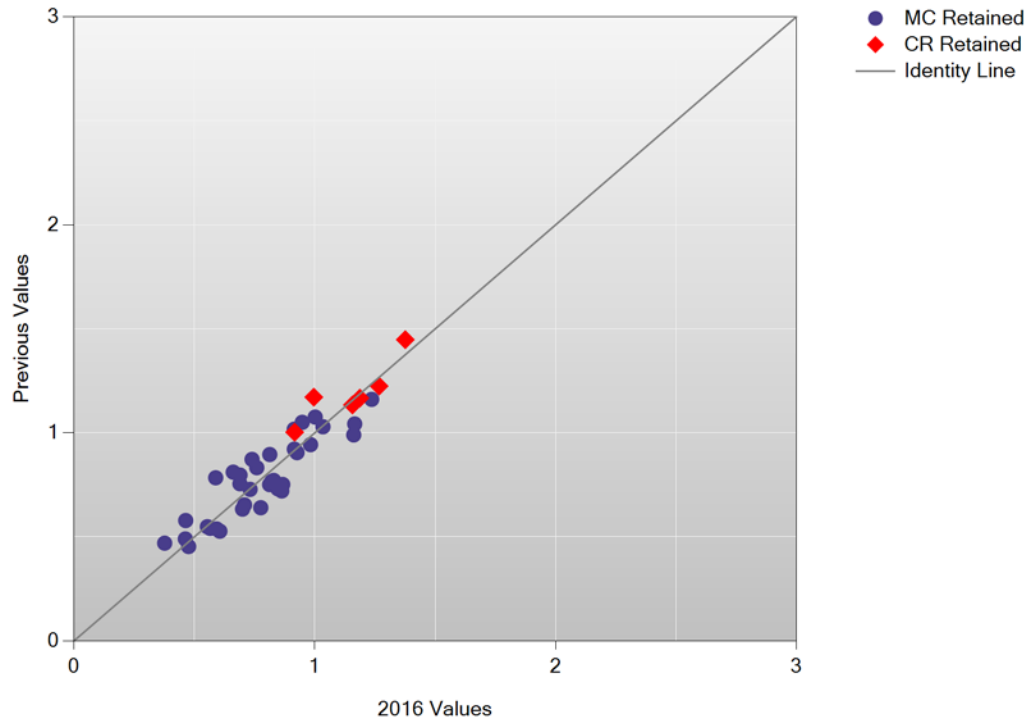


Figure K-14. 2016 MCAS: *b*-Plot –  
ELA Grade 10

B/B Plot: English Language Arts Grade 10

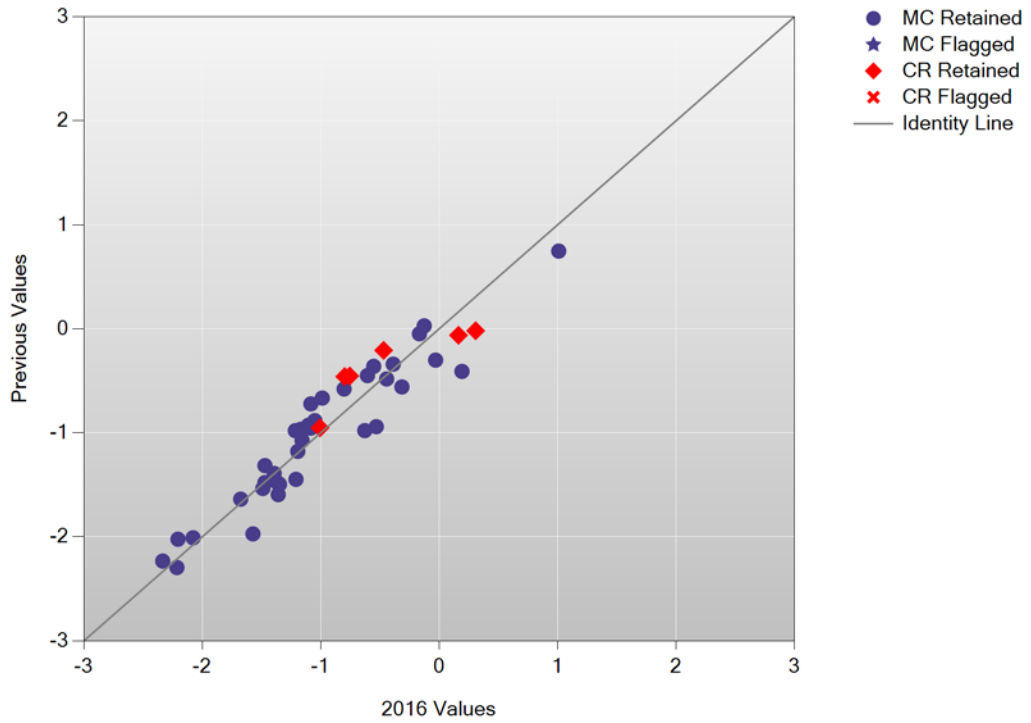


Figure K-15. 2016 MCAS:  $\alpha$ -Plot –  
Mathematics Grade 3

A/A Plot: Mathematics Grade 3

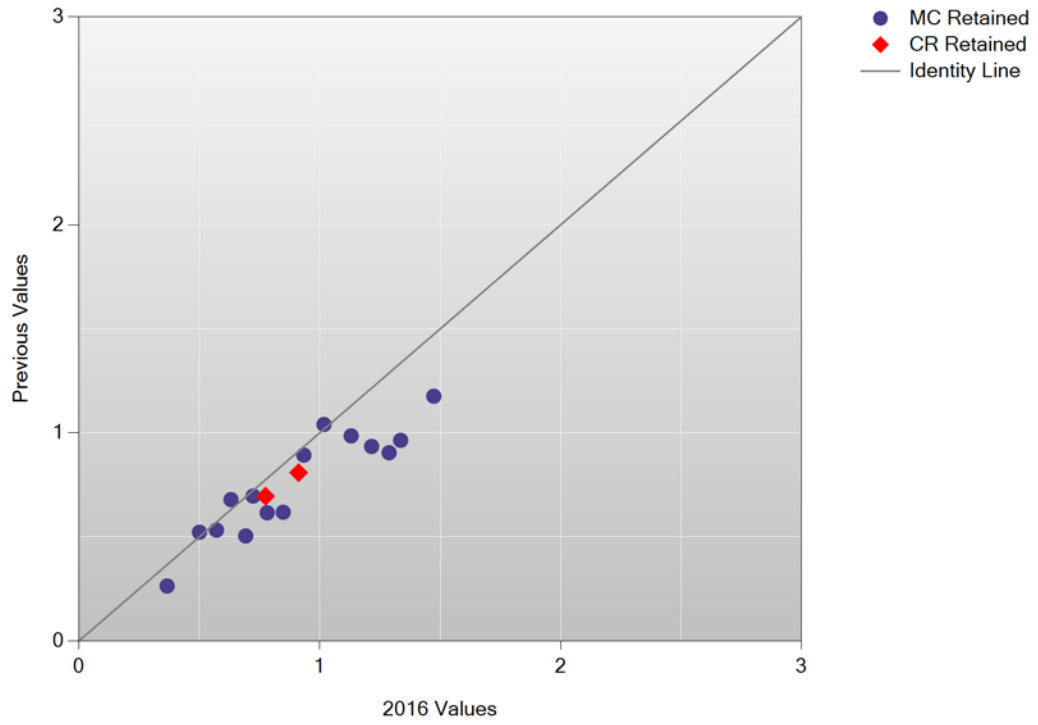




Figure K-16. 2016 MCAS: *b*-Plot –  
Mathematics Grade 3

B/B Plot: Mathematics Grade 3

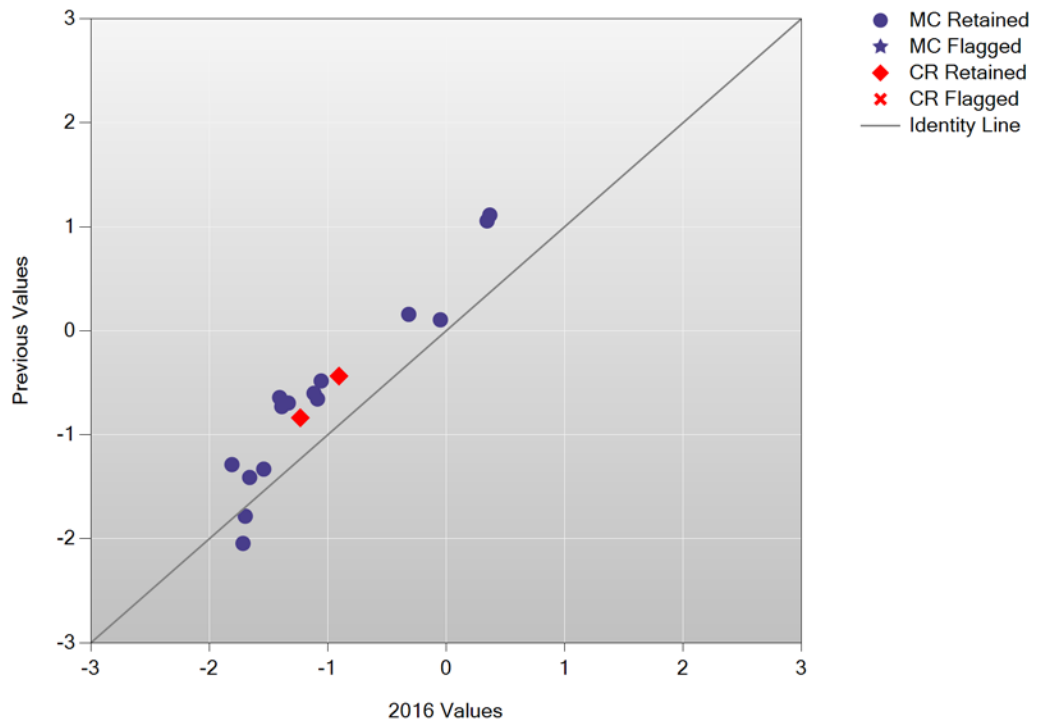


Figure K-17. 2016 MCAS:  $\alpha$ -Plot –  
Mathematics Grade 4

A/A Plot: Mathematics Grade 4

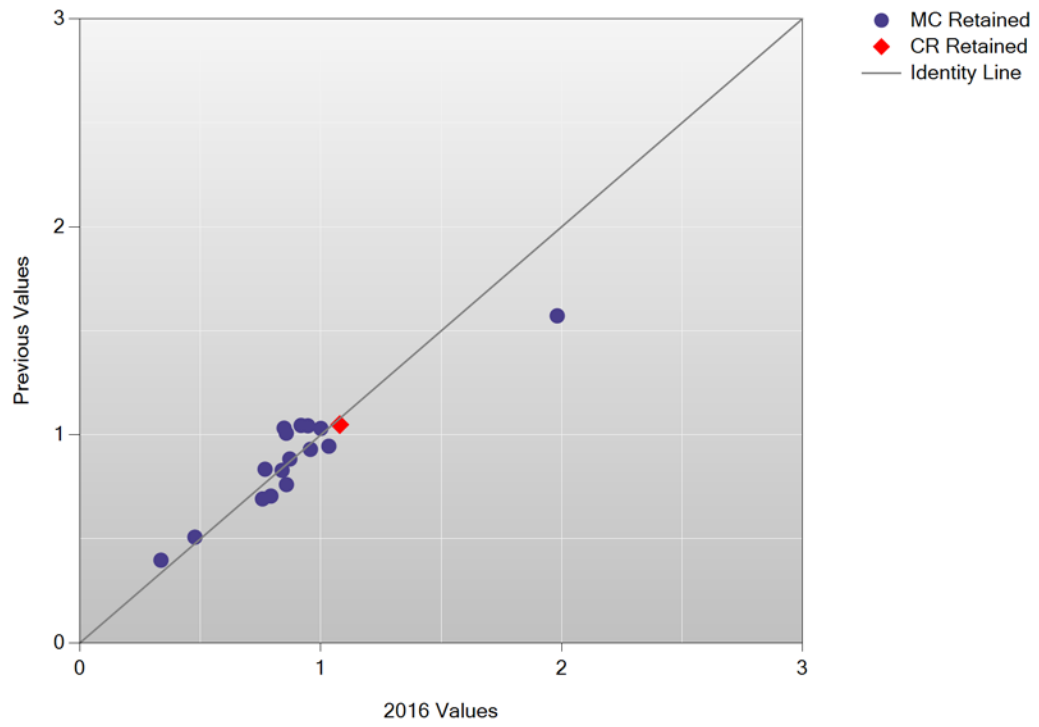


Figure K-18. 2016 MCAS: *b*-Plot –  
Mathematics Grade 4

B/B Plot: Mathematics Grade 4

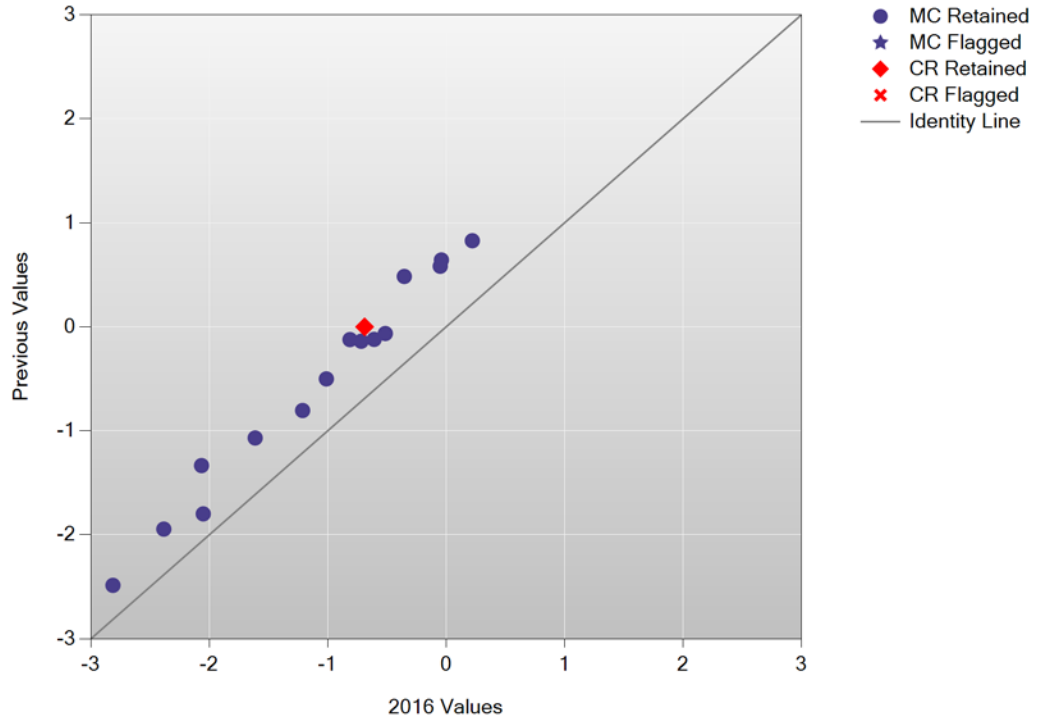


Figure K-19. 2016 MCAS:  $\alpha$ -Plot –  
Mathematics Grade 5

A/A Plot: Mathematics Grade 5

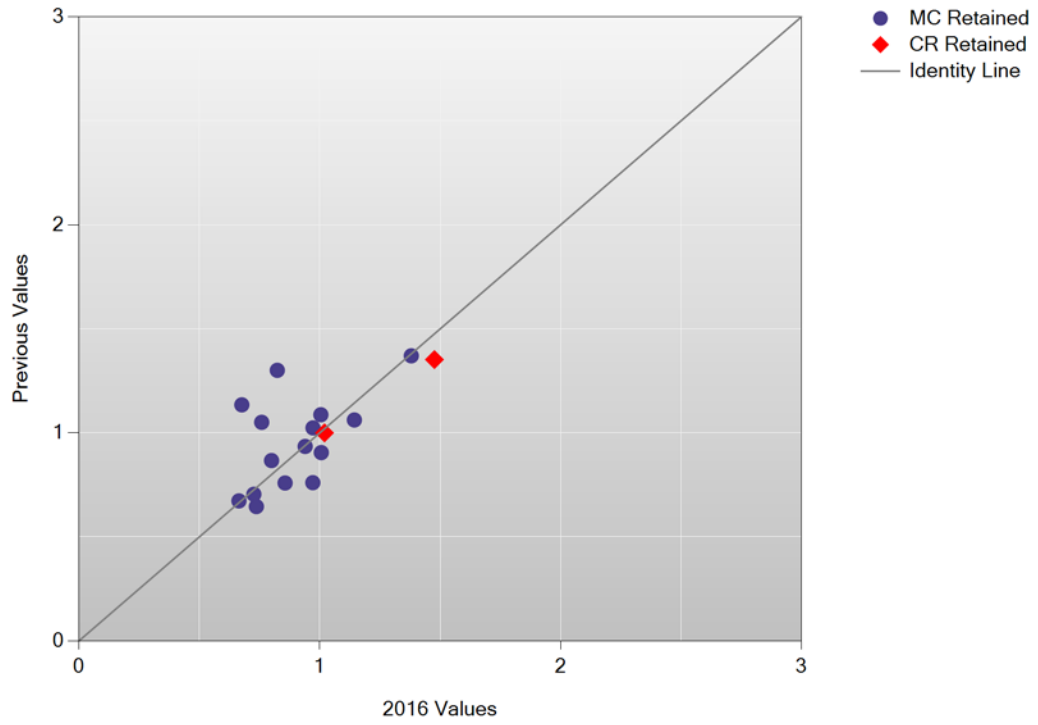


Figure K-20. 2016 MCAS: *b*-Plot –  
Mathematics Grade 5

B/B Plot: Mathematics Grade 5

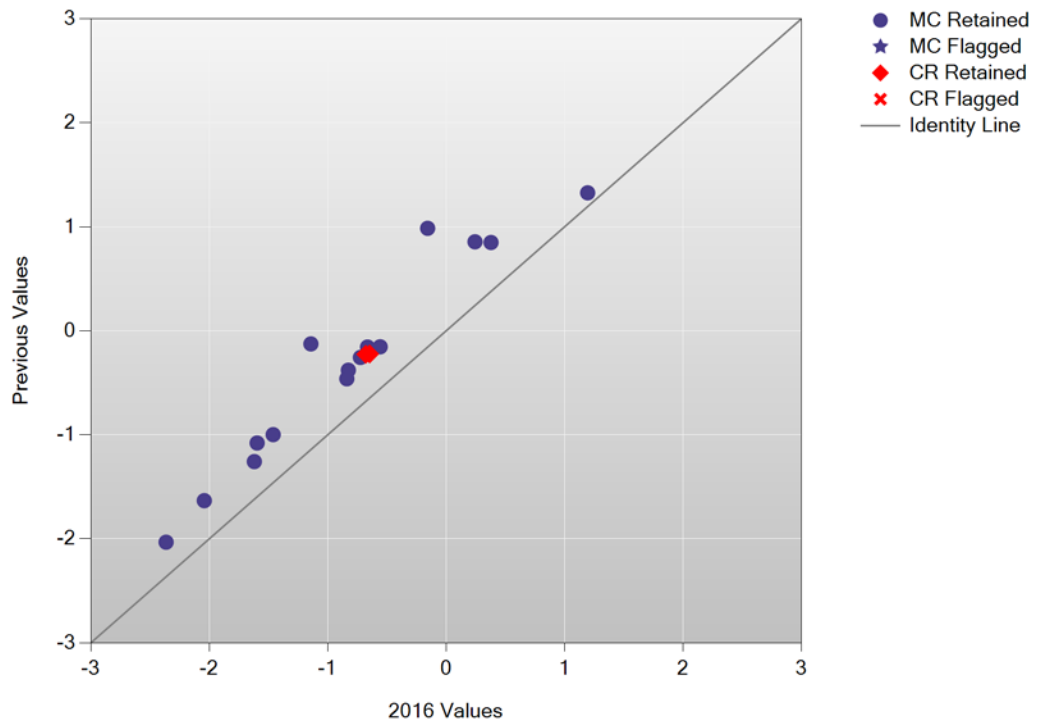


Figure K-21. 2016 MCAS:  $\alpha$ -Plot –  
Mathematics Grade 6

A/A Plot: Mathematics Grade 6

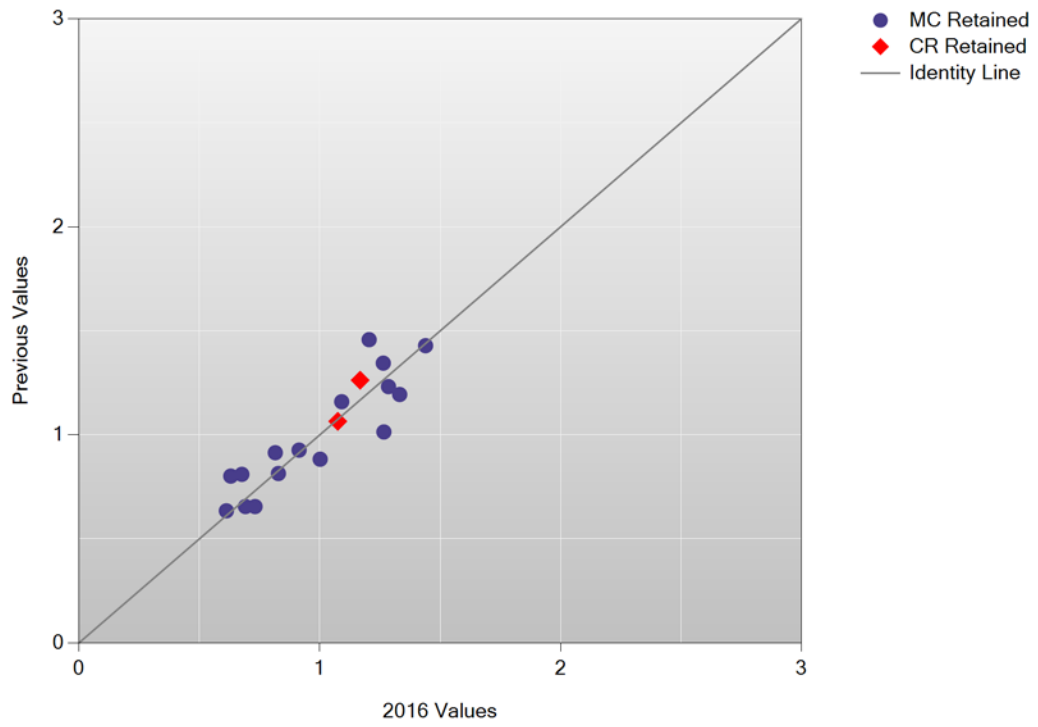


Figure K-22. 2016 MCAS: *b*-Plot –  
Mathematics Grade 6

B/B Plot: Mathematics Grade 6

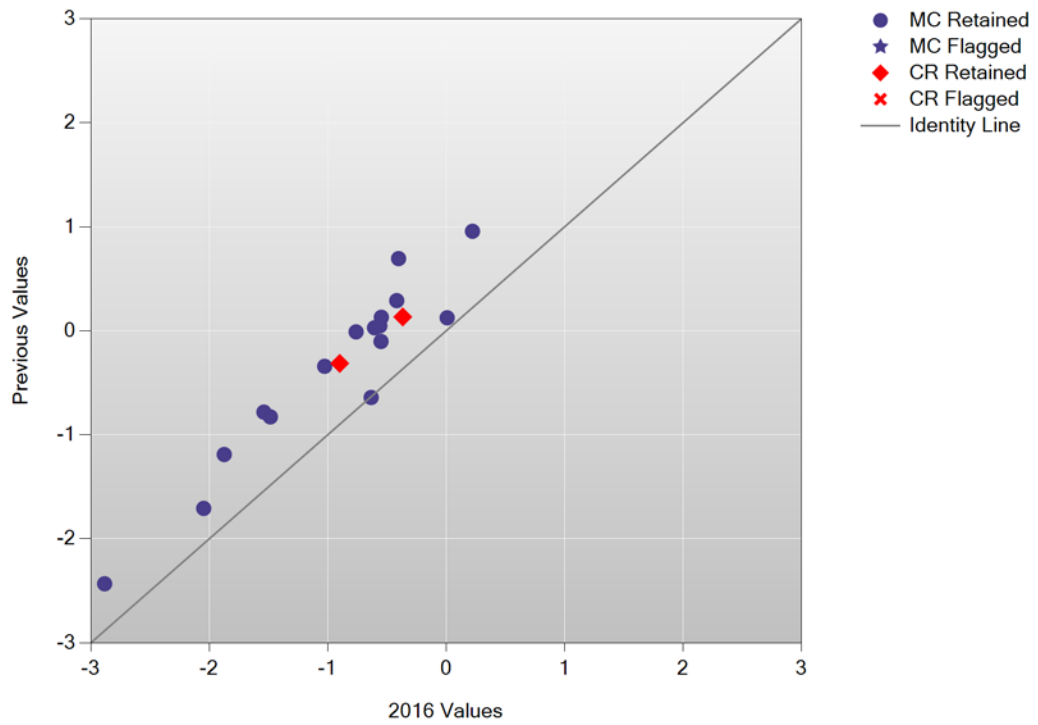


Figure K-23. 2016 MCAS:  $\alpha$ -Plot –  
Mathematics Grade 7

A/A Plot: Mathematics Grade 7

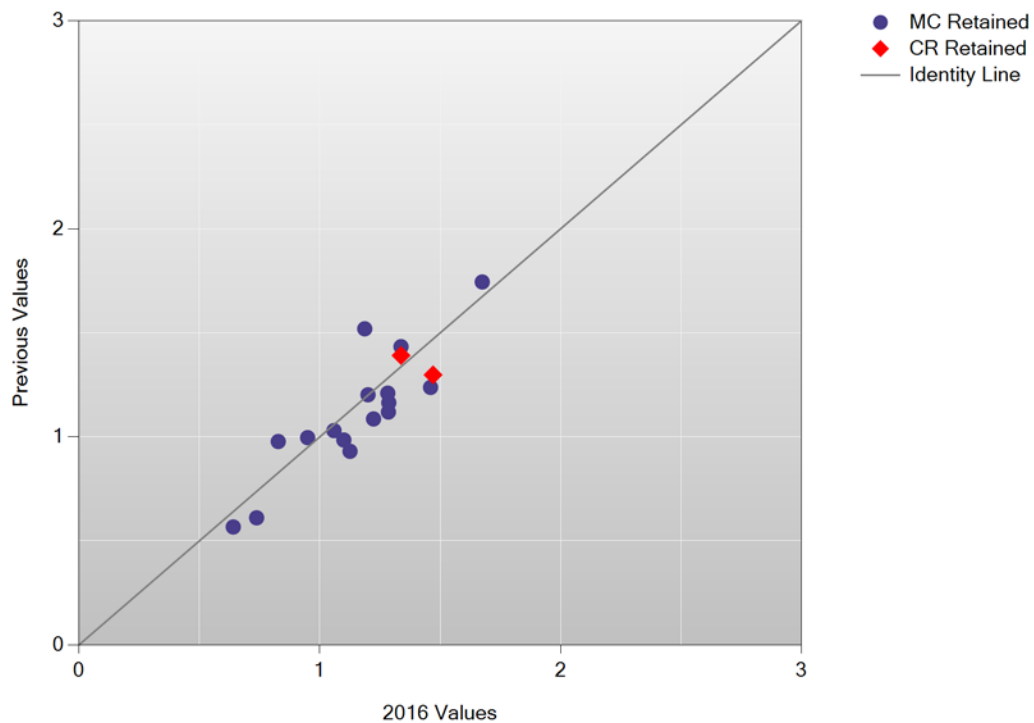




Figure K-24. 2016 MCAS: *b*-Plot –  
Mathematics Grade 7

B/B Plot: Mathematics Grade 7

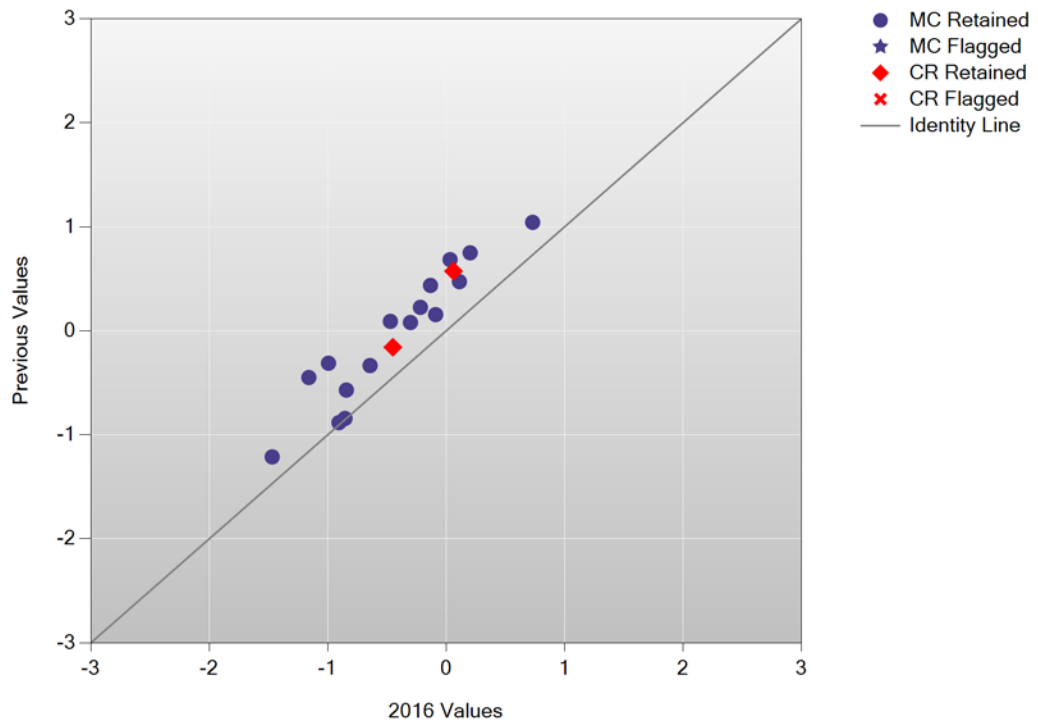


Figure K-25. 2016 MCAS:  $\alpha$ -Plot –  
Mathematics Grade 8

A/A Plot: Mathematics Grade 8

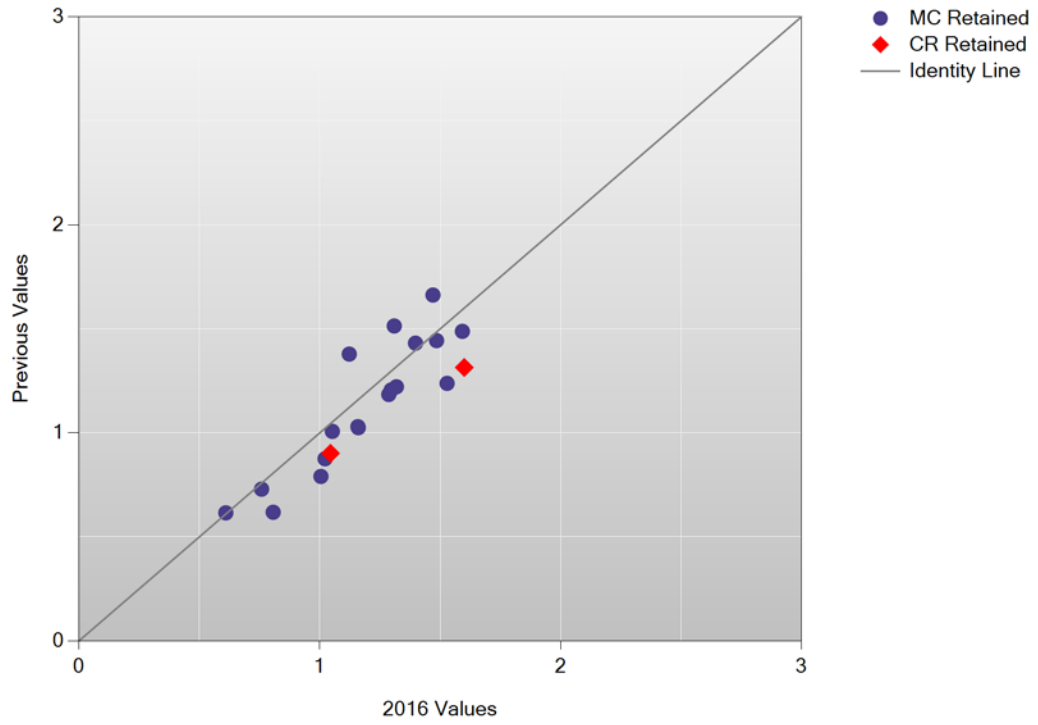


Figure K-26. 2016 MCAS: *b*-Plot –  
Mathematics Grade 8

B/B Plot: Mathematics Grade 8

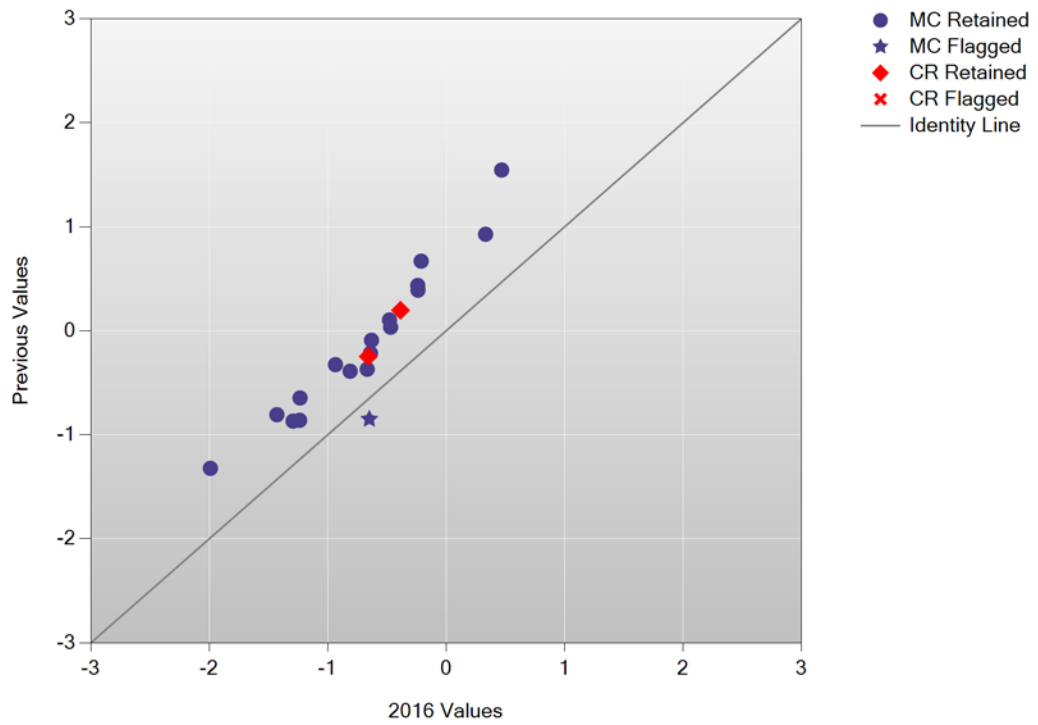


Figure K-27. 2016 MCAS:  $\alpha$ -Plot –  
Mathematics Grade 10

A/A Plot: Mathematics Grade 10

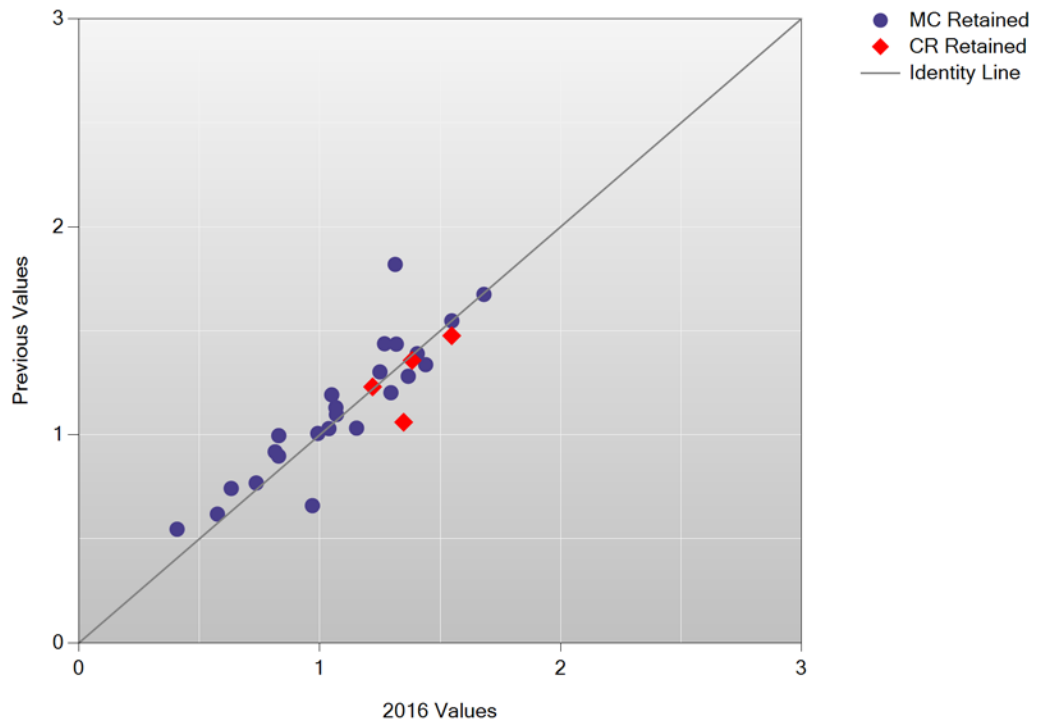


Figure K-28. 2016 MCAS: *b*-Plot –  
Mathematics Grade 10

B/B Plot: Mathematics Grade 10

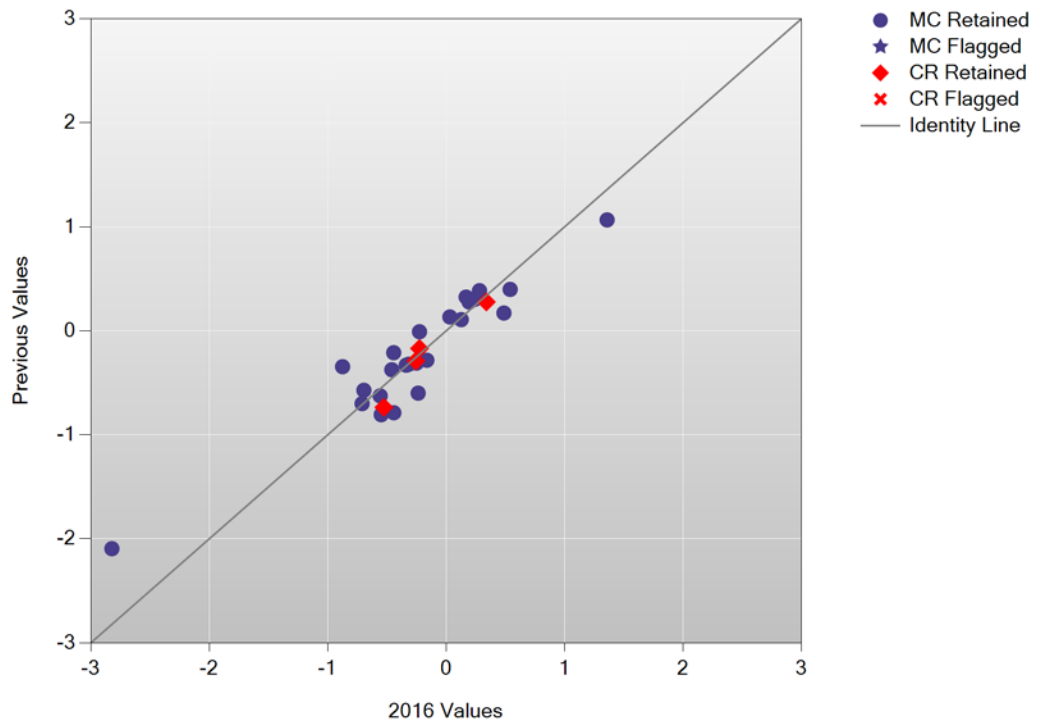


Figure K-29. 2016 MCAS:  $\alpha$ -Plot –  
STE Grade 5

A/A Plot: Science Grade 5

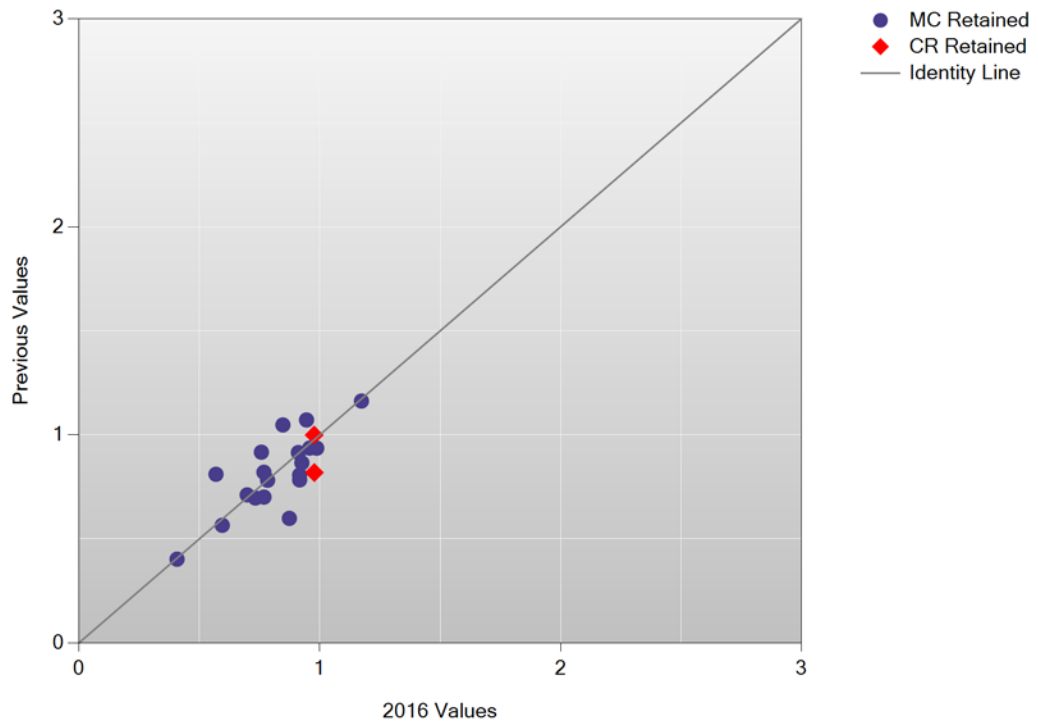


Figure K-30. 2016 MCAS: *b*-Plot –  
STE Grade 5

B/B Plot: Science Grade 5

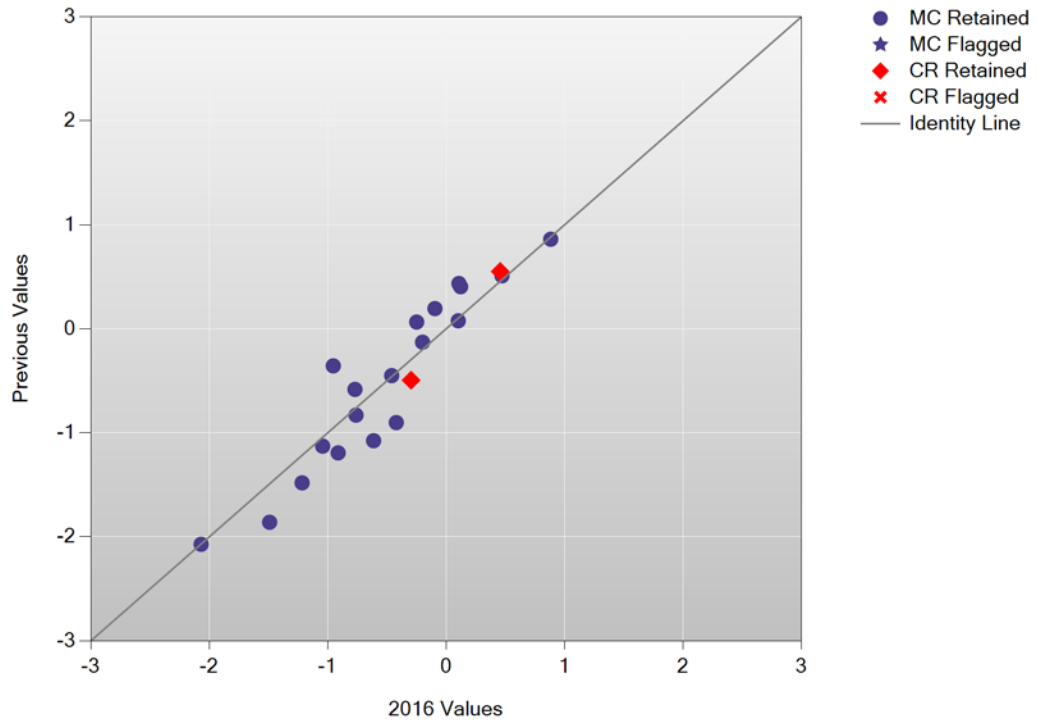


Figure K-31. 2016 MCAS:  $\alpha$ -Plot –  
STE Grade 8

A/A Plot: Science Grade 8

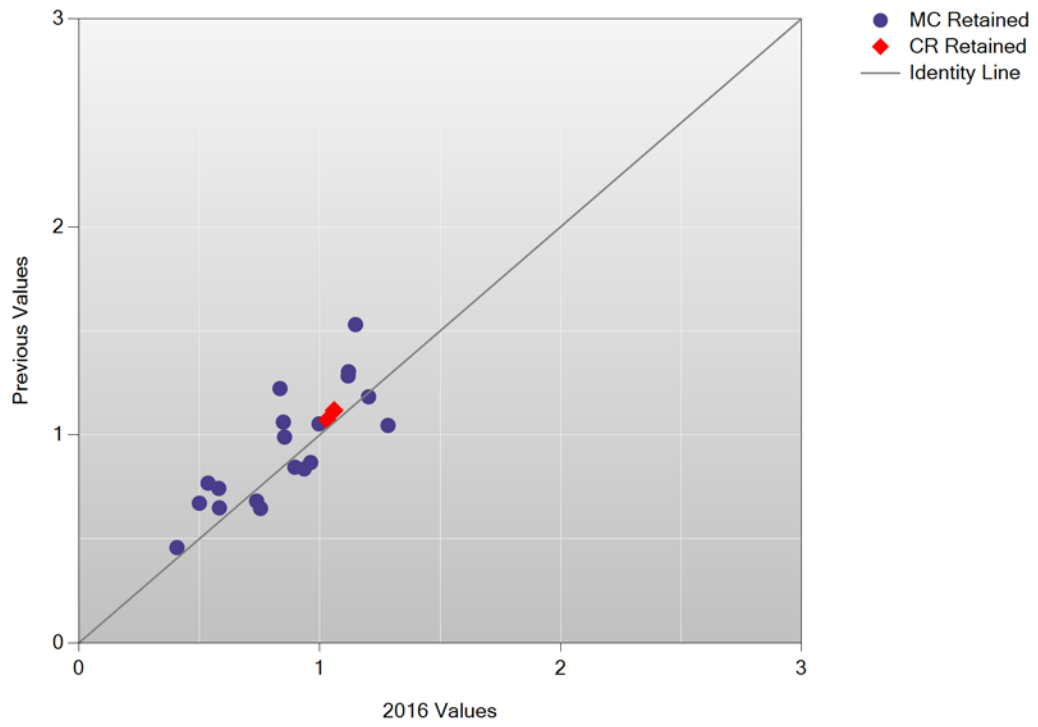




Figure K-32. 2016 MCAS: *b*-Plot –  
STE Grade 8

B/B Plot: Science Grade 8

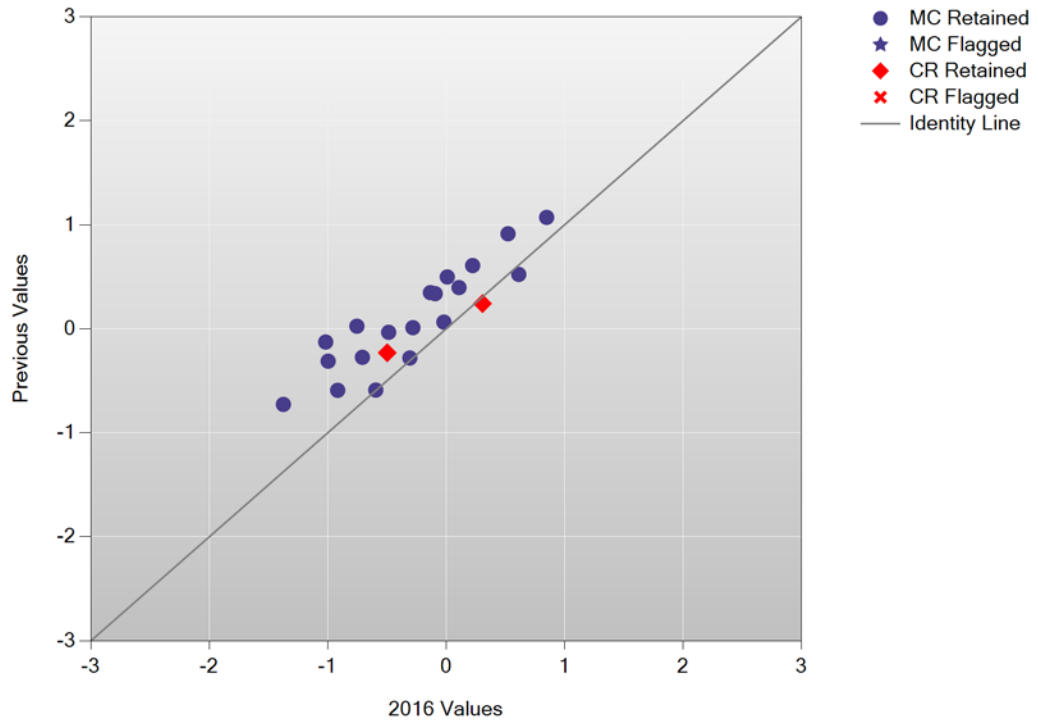


Figure K-33. 2016 MCAS:  $\alpha$ -Plot –  
High School Biology

A/A Plot: Biology Grade 10

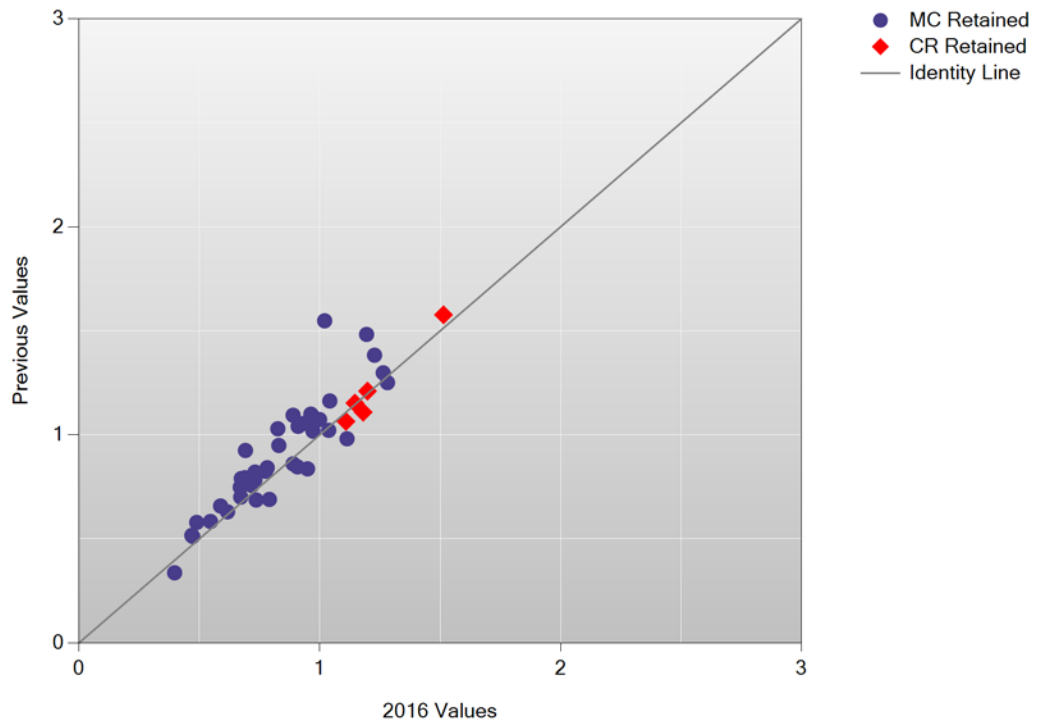


Figure K-34. 2016 MCAS: *b*-Plot –  
High School Biology

B/B Plot: Biology Grade 10

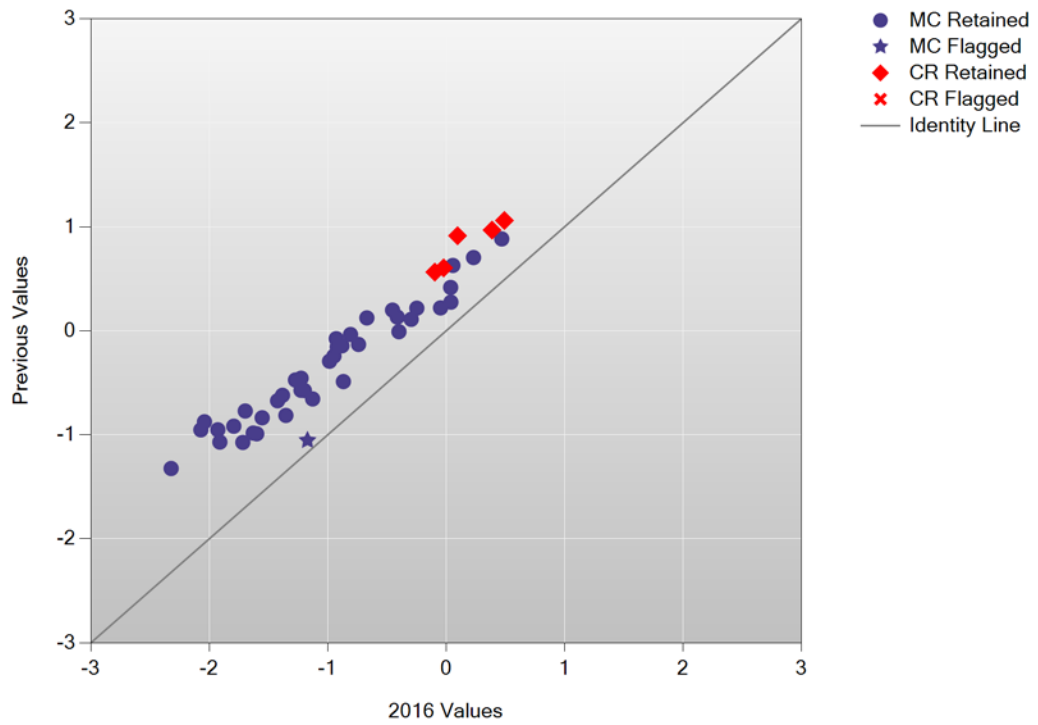


Figure K-35. 2016 MCAS:  $\alpha$ -Plot –  
High School Chemistry

A/A Plot: Chemistry Grade 10

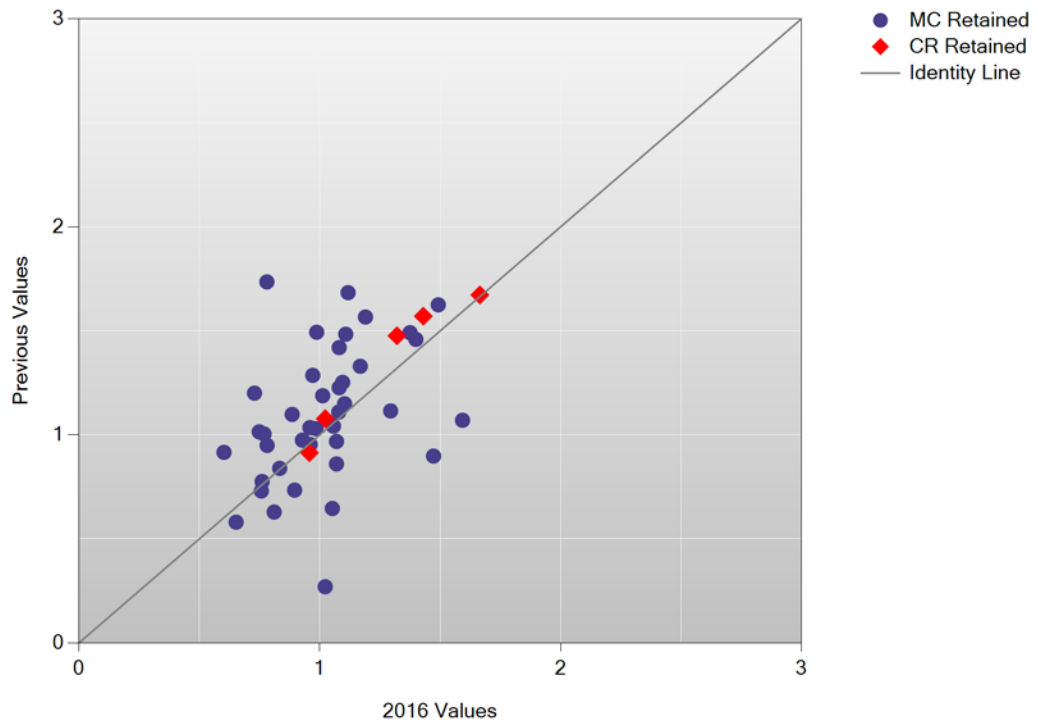


Figure K-36. 2016 MCAS: *b*-Plot –  
High School Chemistry

B/B Plot: Chemistry Grade 10

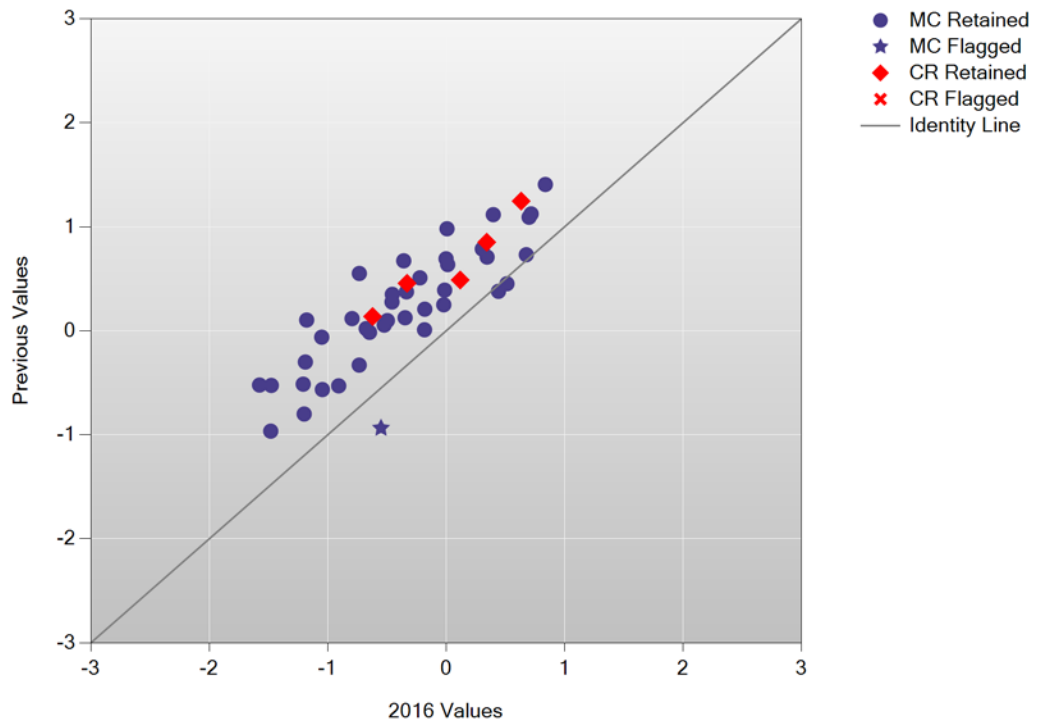


Figure K-37. 2016 MCAS:  $\alpha$ -Plot –  
High School Introductory Physics

A/A Plot: Introductory Physics Grade 10

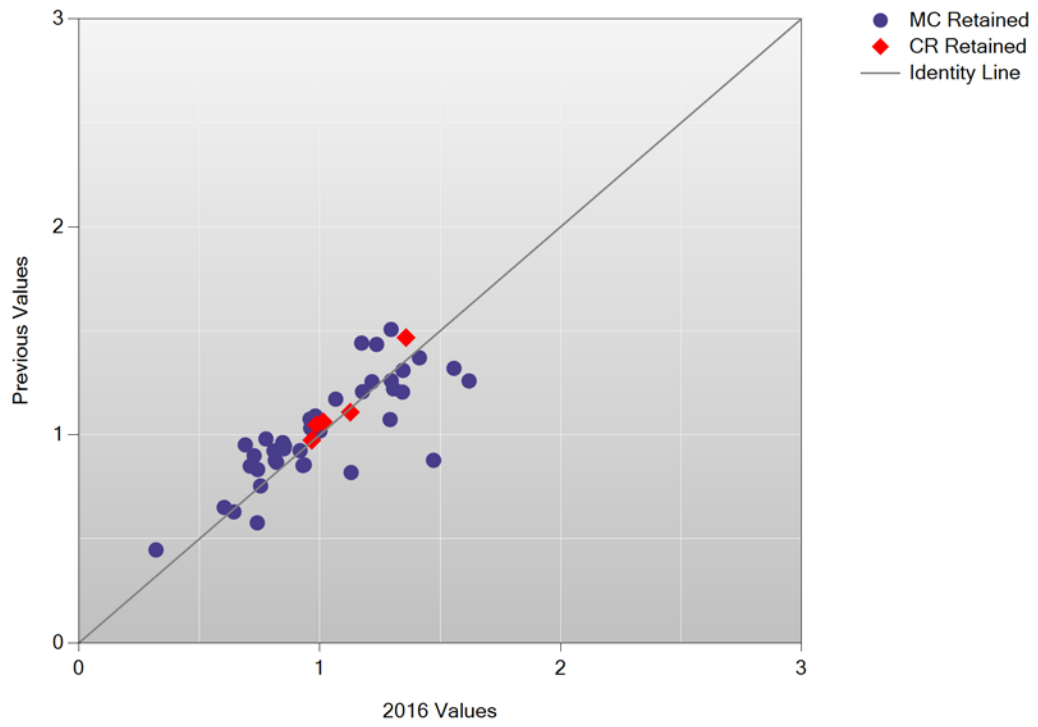


Figure K-38. 2016 MCAS: *b*-Plot –  
High School Introductory Physics

B/B Plot: Introductory Physics Grade 10

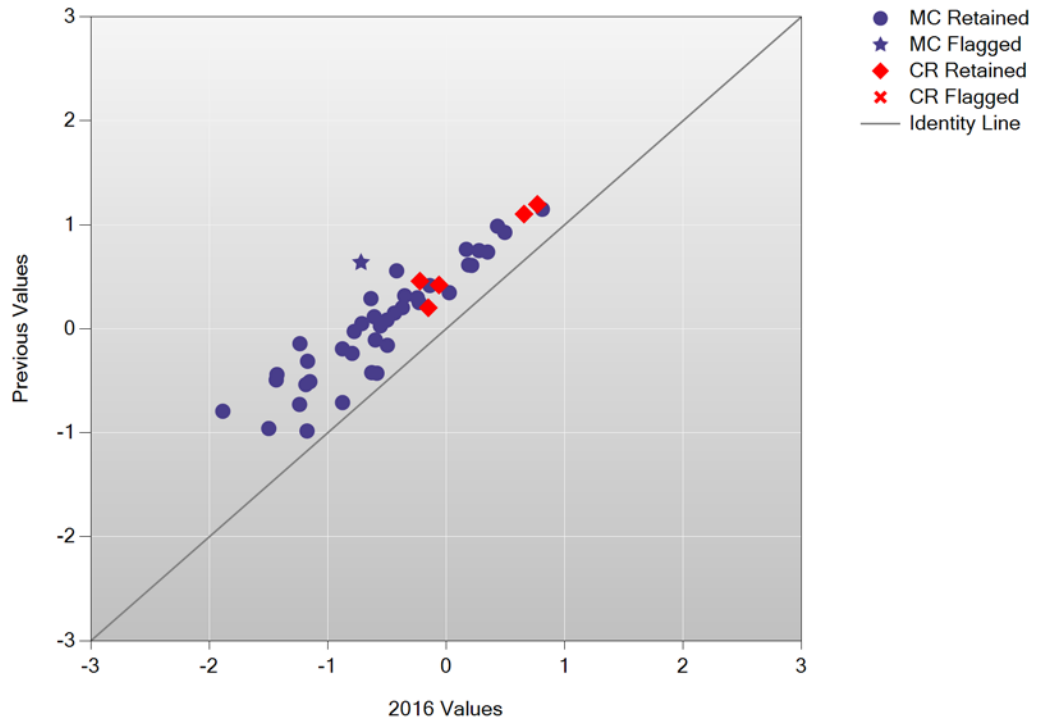


Figure K-39. 2016 MCAS:  $\alpha$ -Plot –  
High School Technology/Engineering

A/A Plot: Technology and Engineering Grade 10

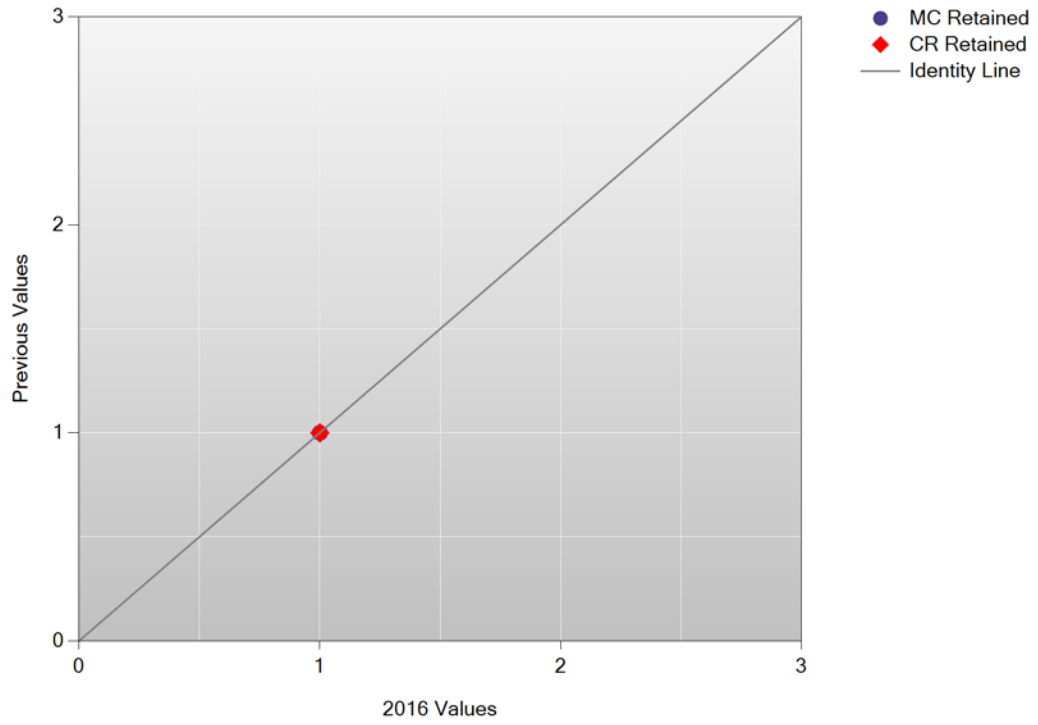




Figure K-40. 2016 MCAS: *b*-Plot –  
High School Technology/Engineering

B/B Plot: Technology and Engineering Grade 10

