

Appendix C: Logistic Regression Plots for All 20 Items

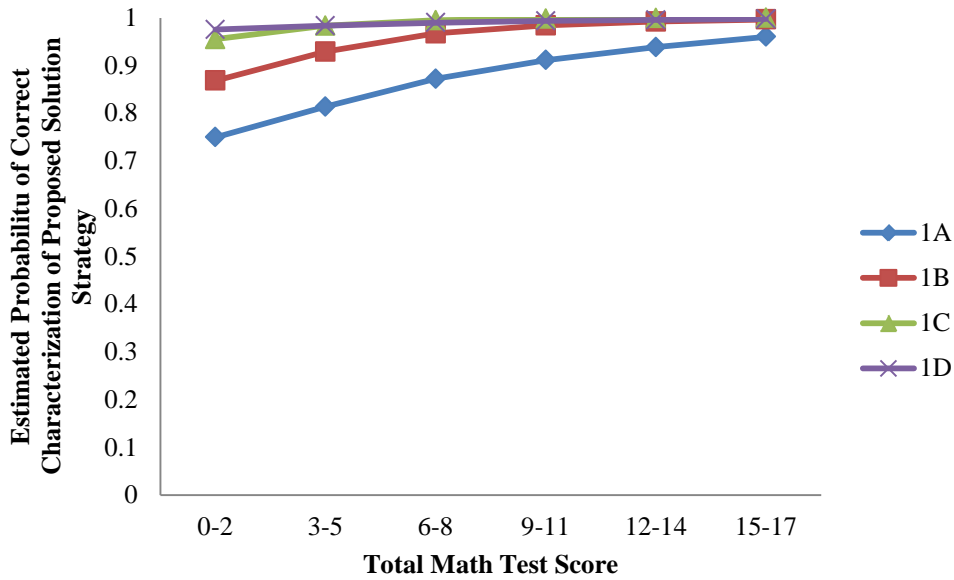


Figure C1. Proportion of students correctly characterizing solution strategies for item 1 by students' total scores on the 20-point math test

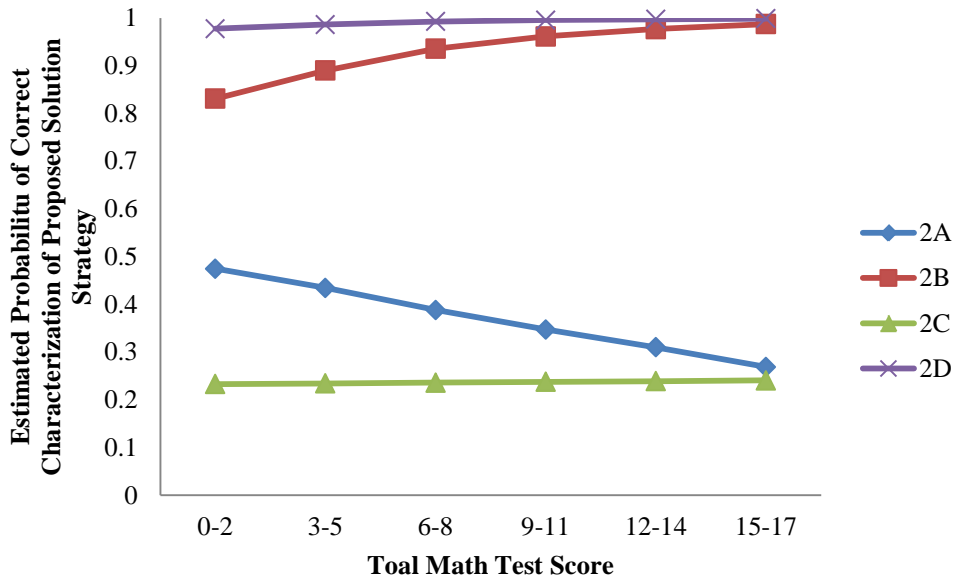


Figure C2. Proportion of students correctly characterizing solution strategies for item 2 by students' total scores on the 20-point math test

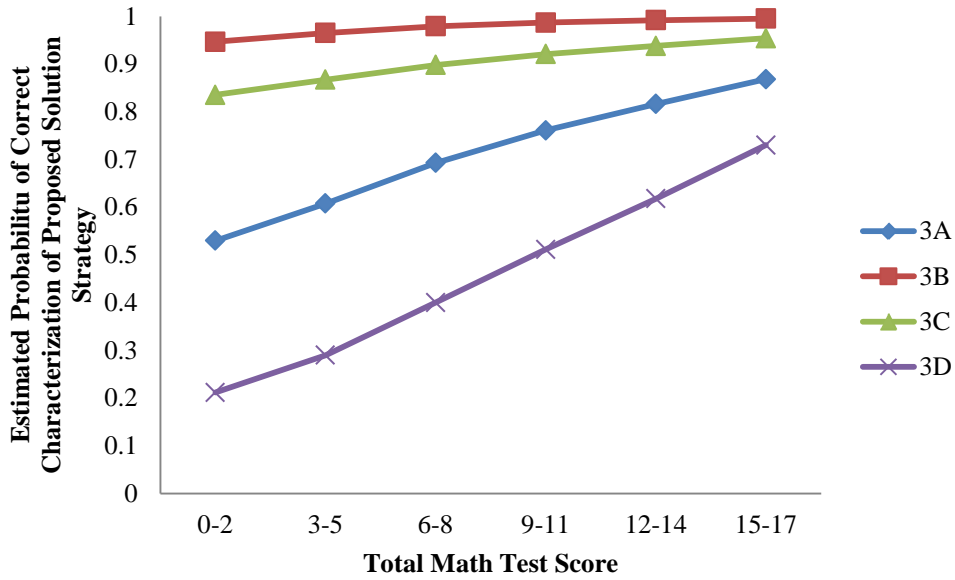


Figure C3. Proportion of students correctly characterizing solution strategies for item 3 by students' total scores on the 20-point math test

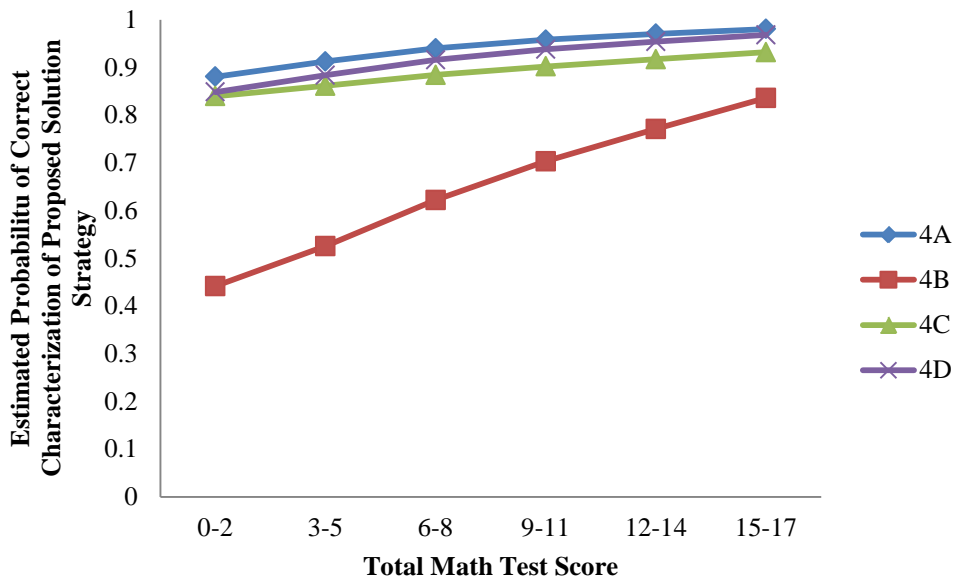


Figure C4. Proportion of students correctly characterizing solution strategies for item 4 by students' total scores on the 20-point math test

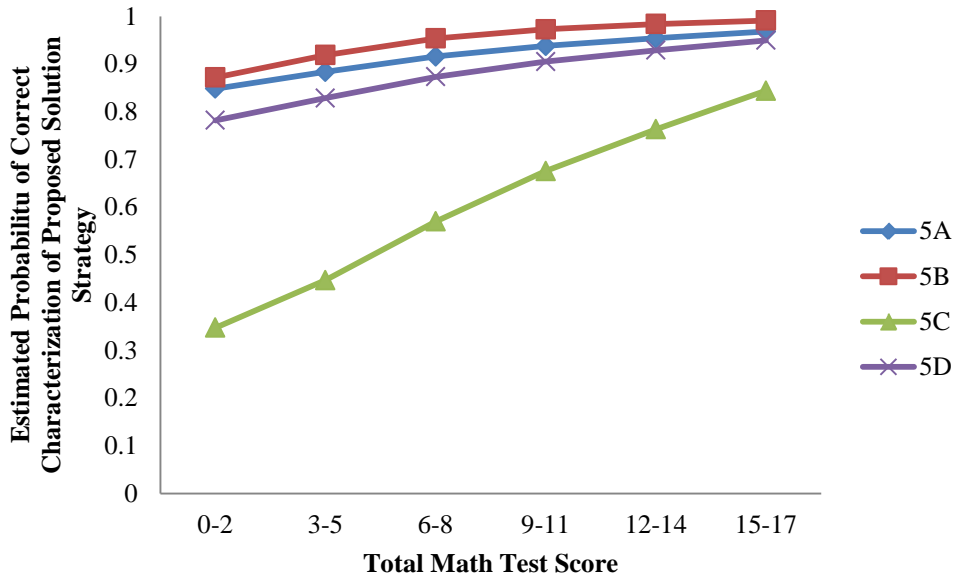


Figure C5. Proportion of students correctly characterizing solution strategies for item 5 by students' total scores on the 20-point math test

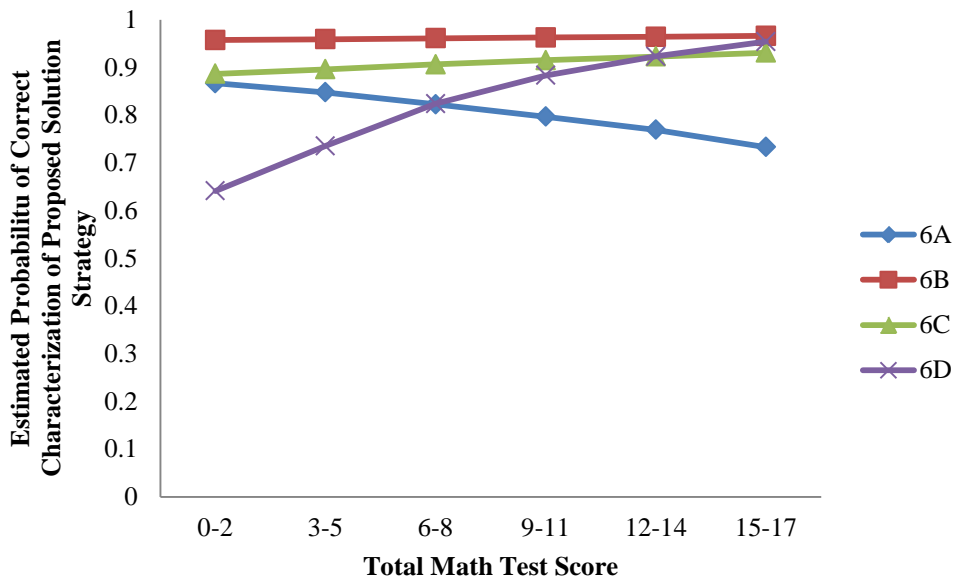


Figure C6. Proportion of students correctly characterizing solution strategies for item 6 by students' total scores on the 20-point math test

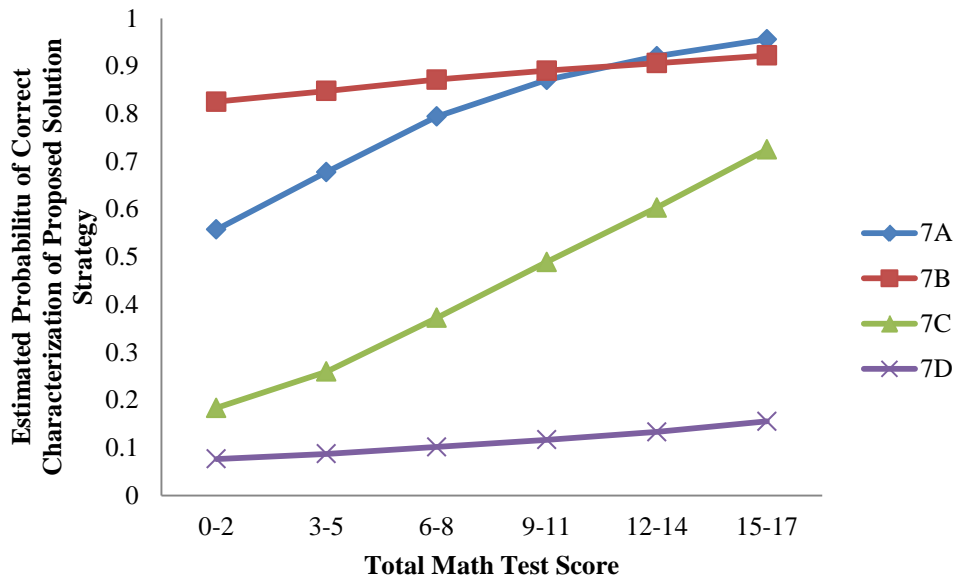


Figure C7. Proportion of students correctly characterizing solution strategies for item 7 by students' total scores on the 20-point math test

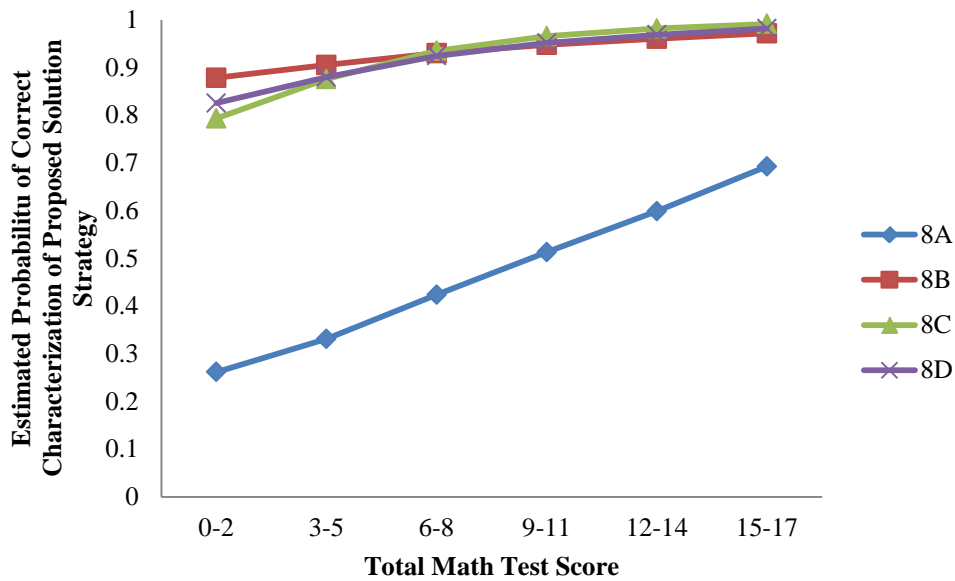


Figure C8. Proportion of students correctly characterizing solution strategies for item 8 by students' total scores on the 20-point math test

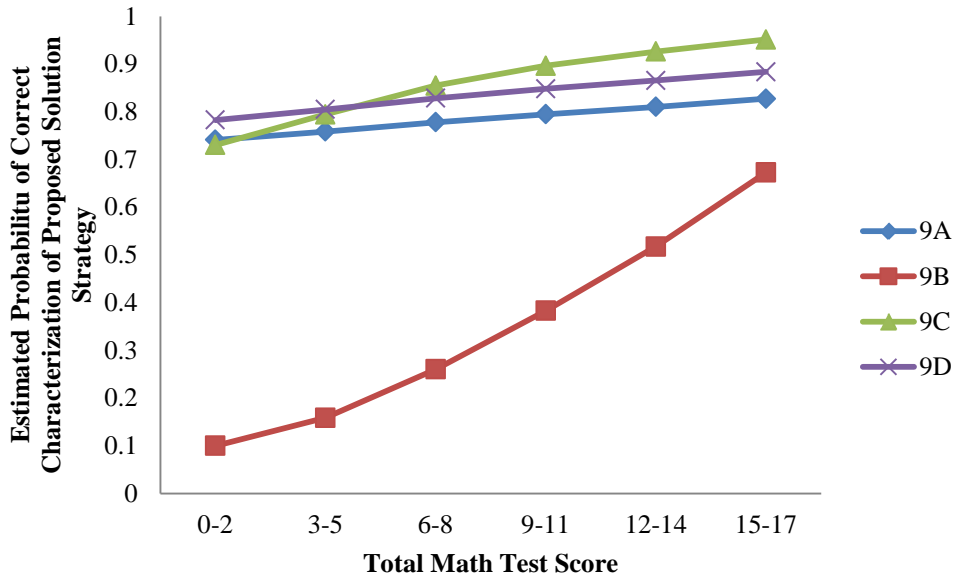


Figure C9. Proportion of students correctly characterizing solution strategies for item 9 by students' total scores on the 20-point math test

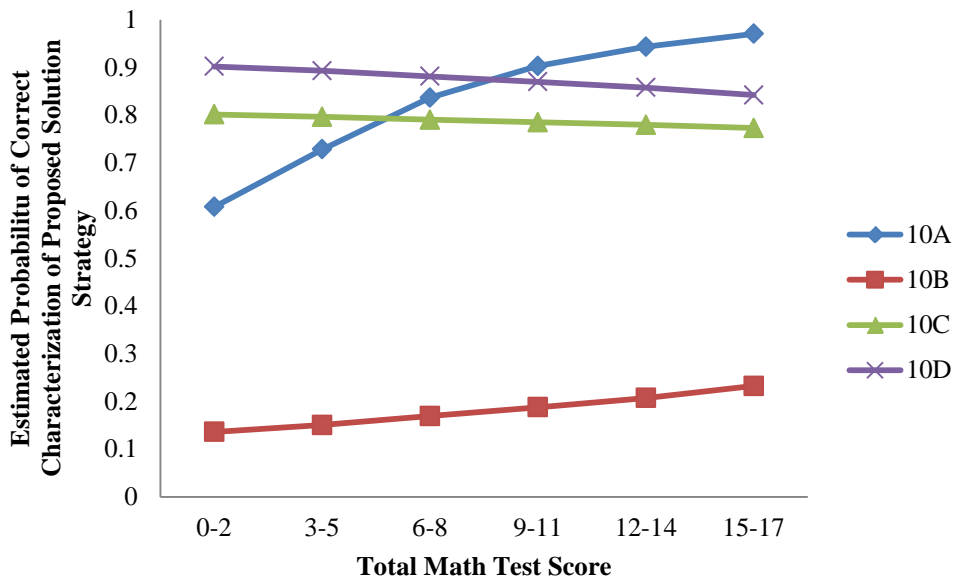


Figure C10. Proportion of students correctly characterizing solution strategies for item 10 by students' total scores on the 20-point math test

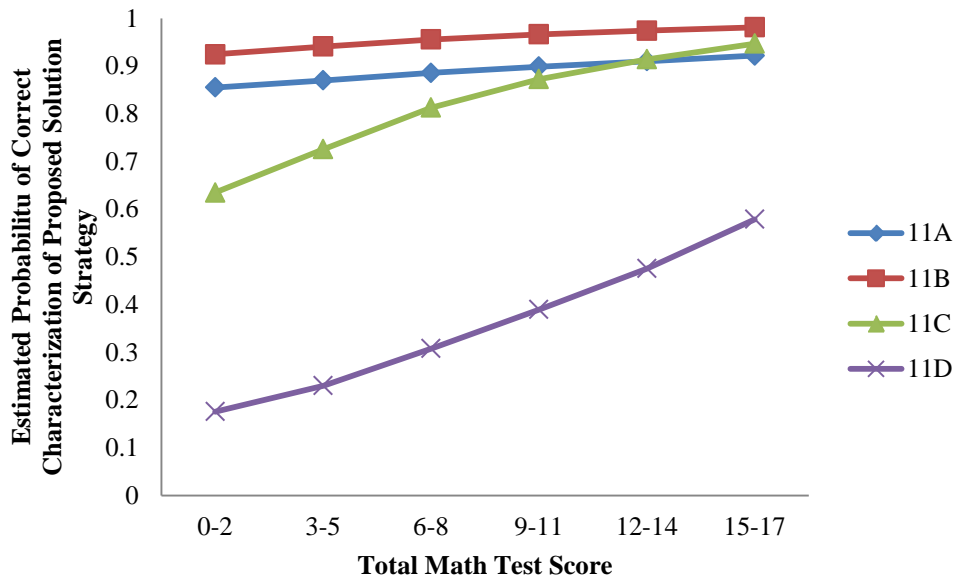


Figure C11. Proportion of students correctly characterizing solution strategies for item 11 by students' total scores on the 20-point math test

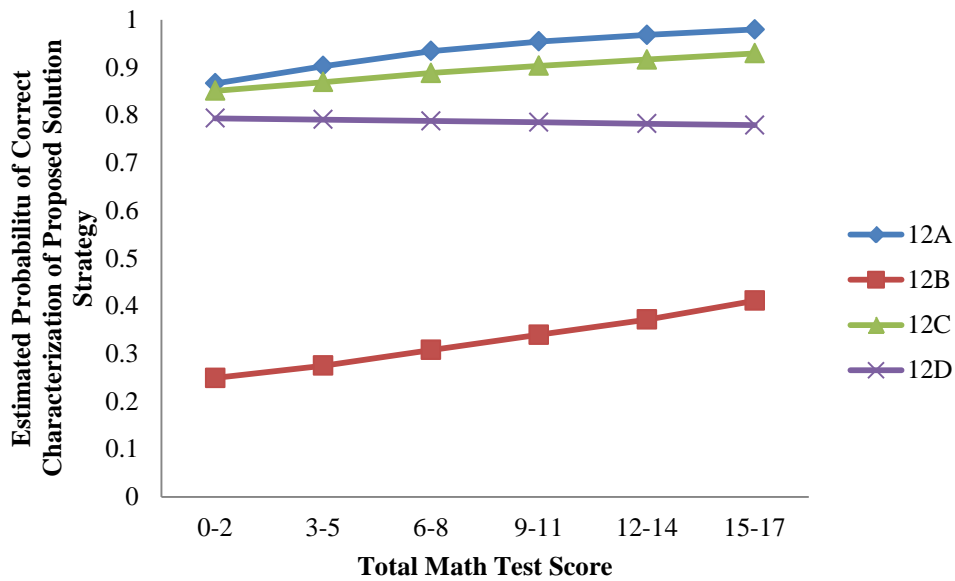


Figure C12. Proportion of students correctly characterizing solution strategies for item 12 by students' total scores on the 20-point math test

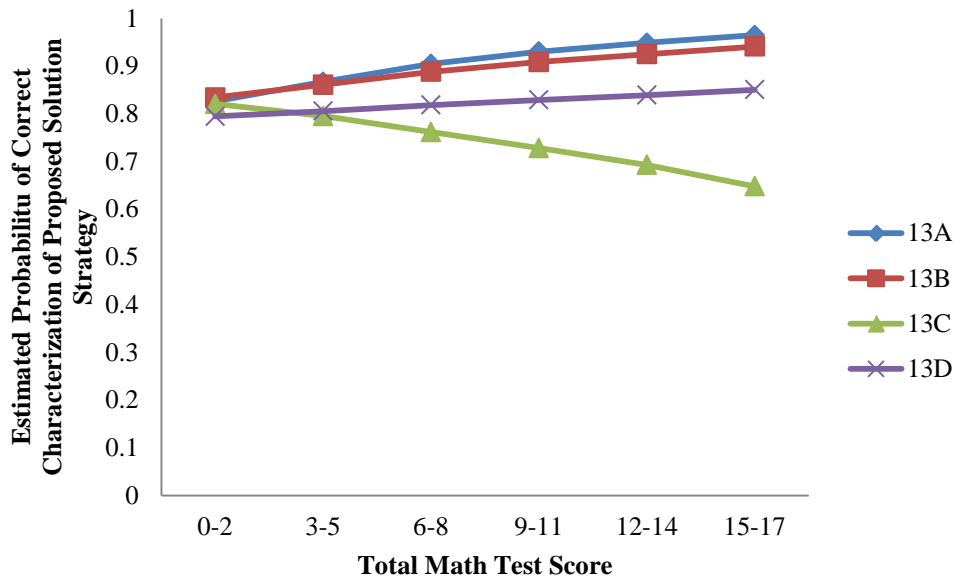


Figure C13. Proportion of students correctly characterizing solution strategies for item 13 by students' total scores on the 20-point math test

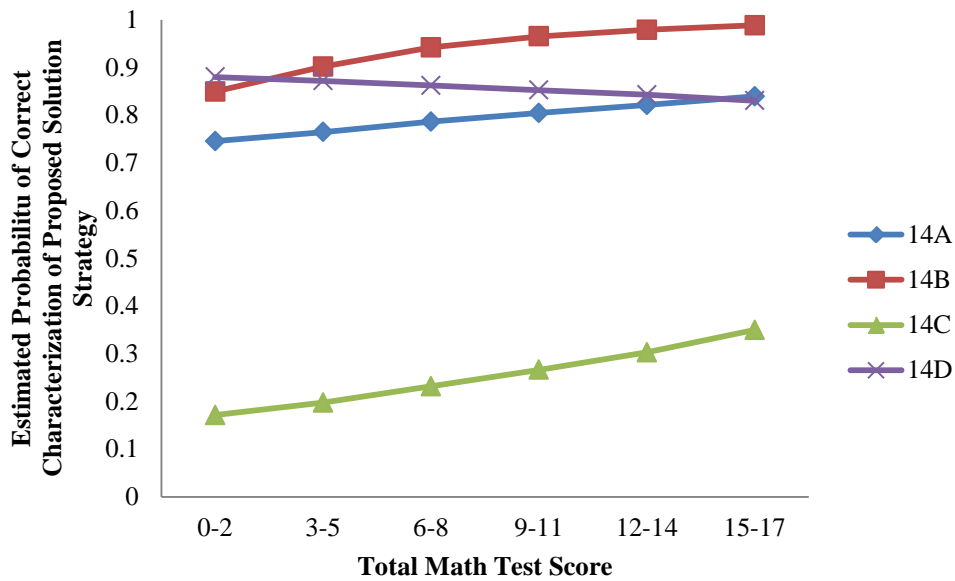


Figure C14. Proportion of students correctly characterizing solution strategies for item 14 by students' total scores on the 20-point math test

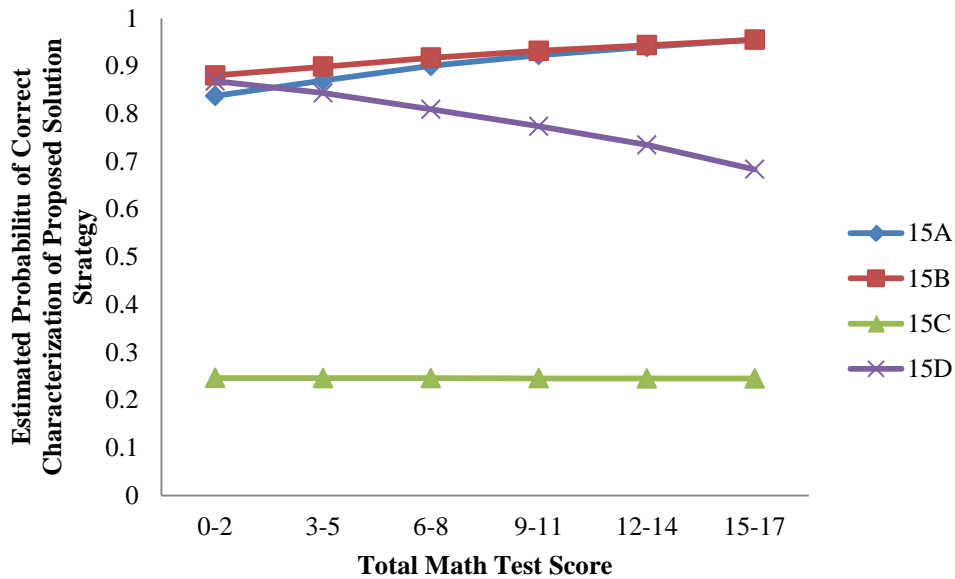


Figure C15. Proportion of students correctly characterizing solution strategies for item 15 by students' total scores on the 20-point math test

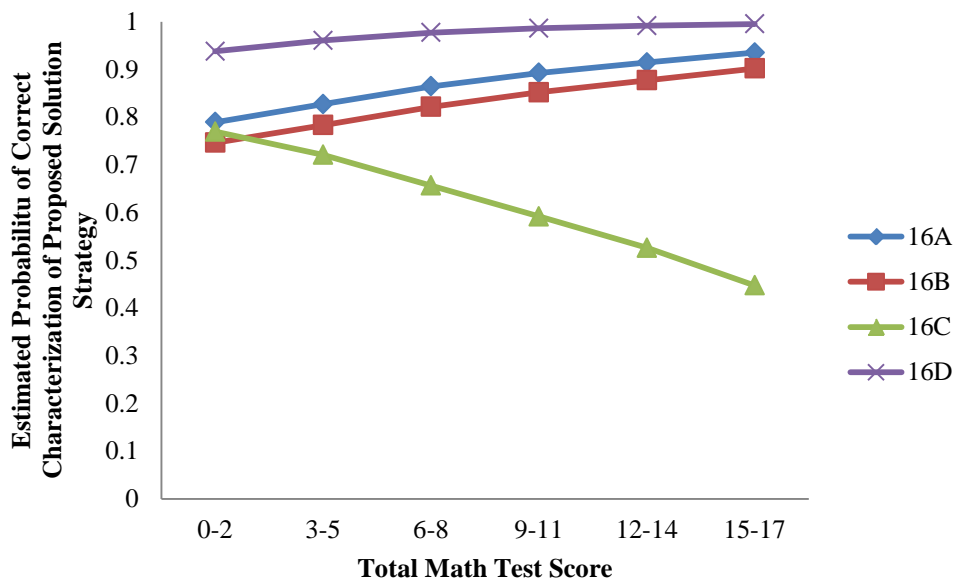


Figure C16. Proportion of students correctly characterizing solution strategies for item 16 by students' total scores on the 20-point math test

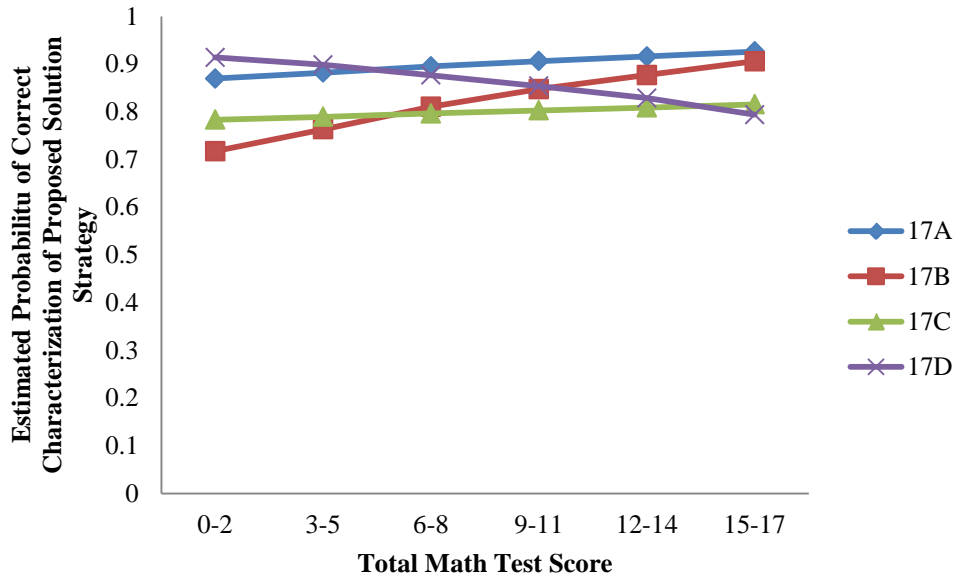


Figure C17. Proportion of students correctly characterizing solution strategies for item 17 by students' total scores on the 20-point math test

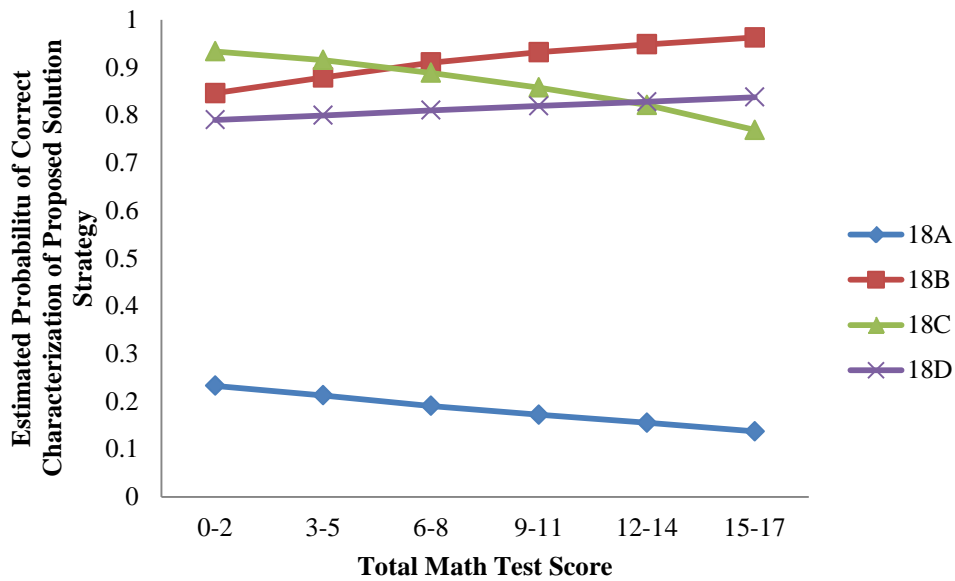


Figure C18. Proportion of students correctly characterizing solution strategies for item 18 by students' total scores on the 20-point math test

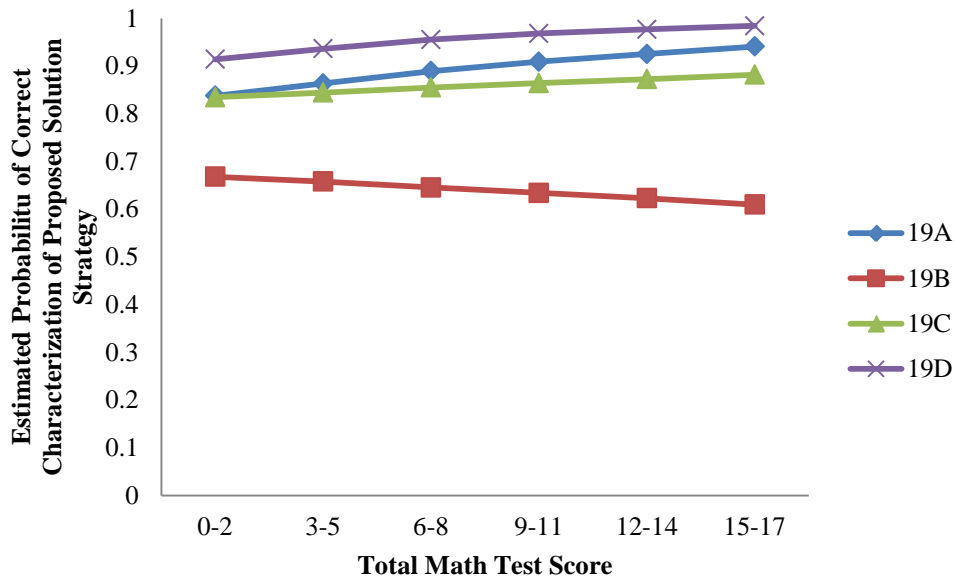


Figure C19. Proportion of students correctly characterizing solution strategies for item 19 by students' total scores on the 20-point math test

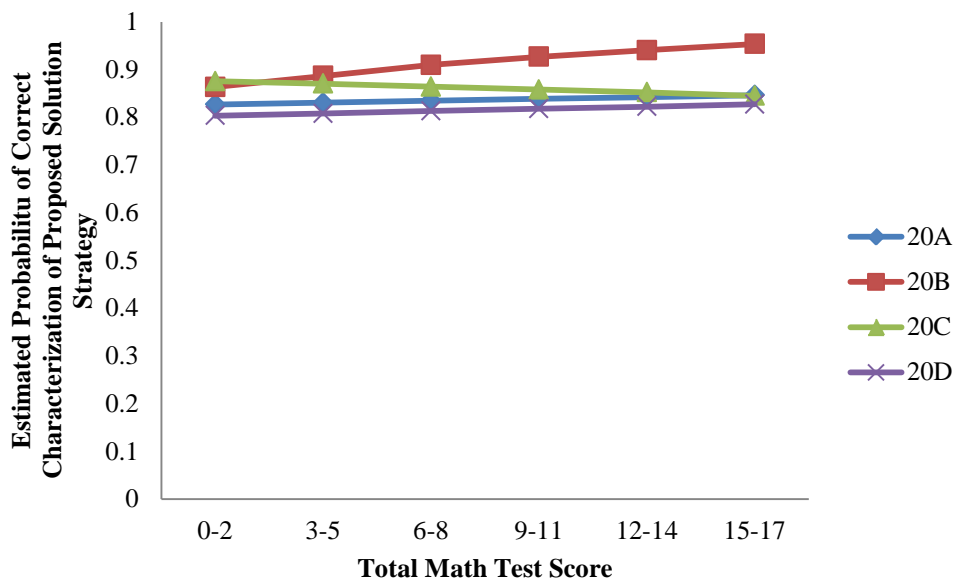


Figure C20. Proportion of students correctly characterizing solution strategies for item 20 by students' total scores on the 20-point math test

Secolsky et al., 2016. *Numeracy* 9(1): Using think-aloud protocols ...