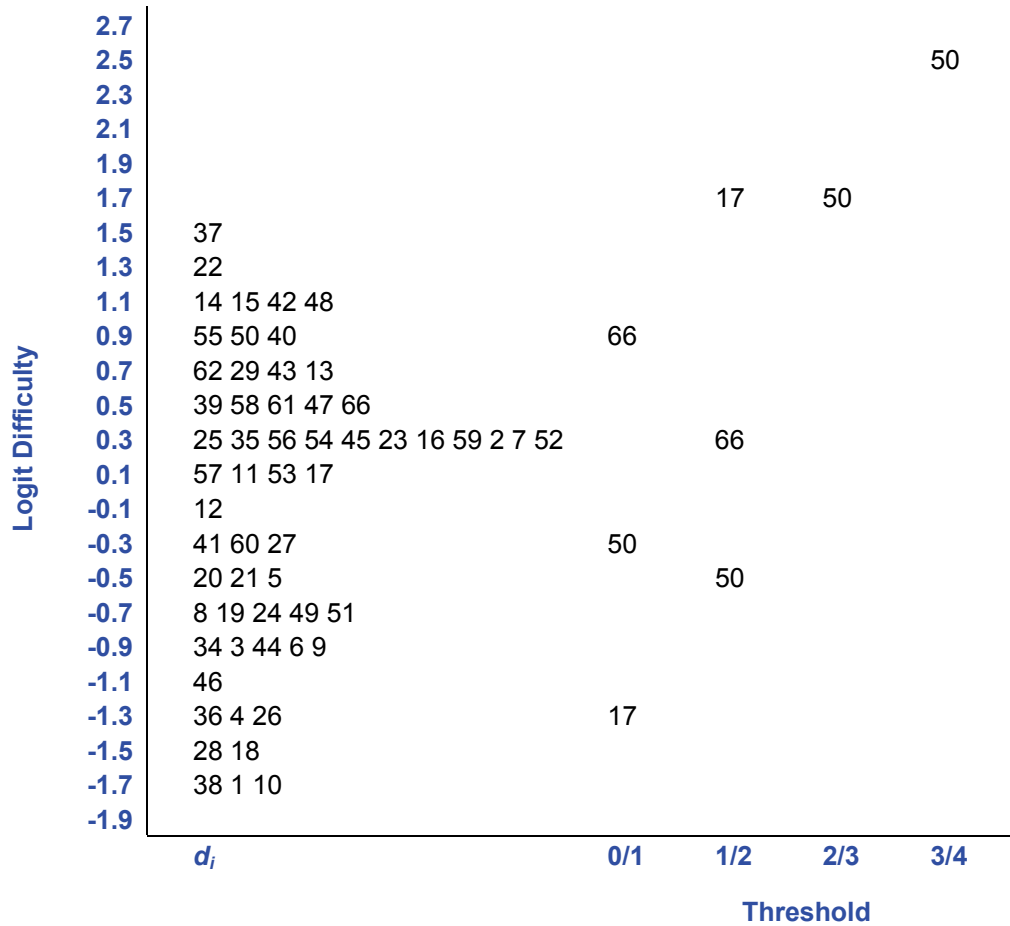


APPENDIX 15: OPERATIONAL TEST ITEM AND THRESHOLD DIFFICULTY MAPS

GRADE 3 MATHEMATICS

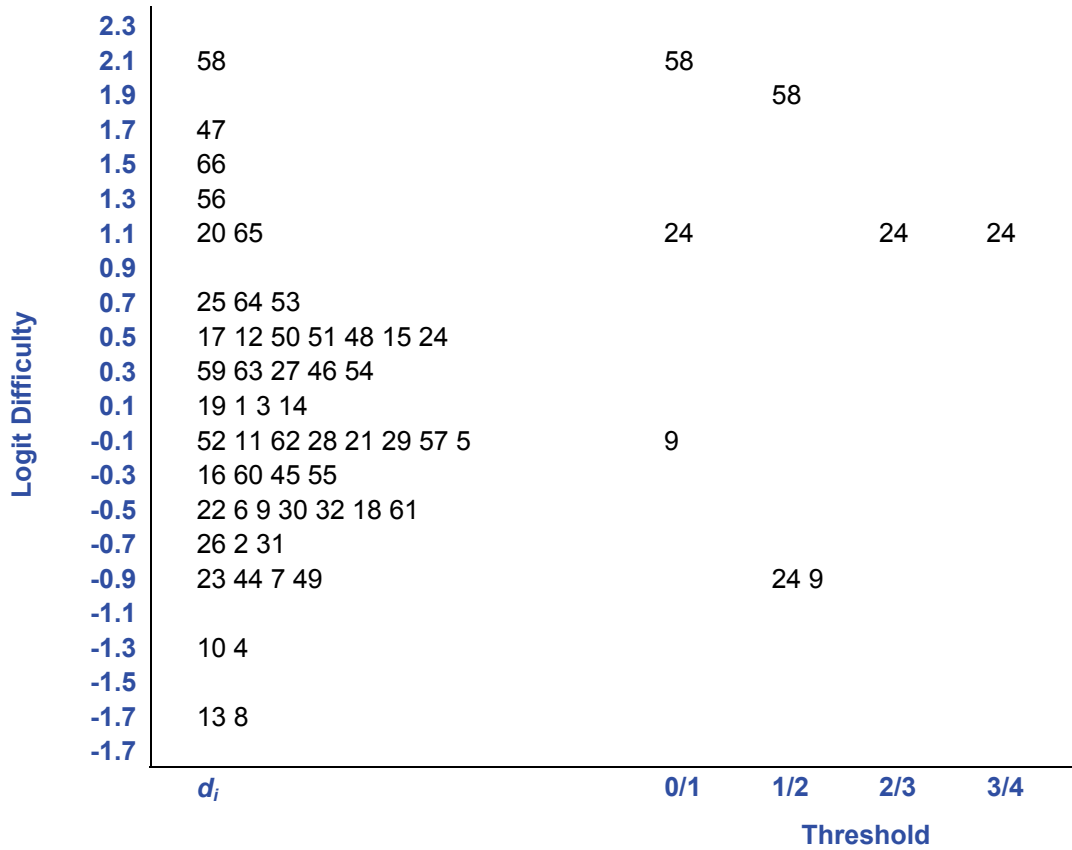
Figure 15–1. Grade 3 Mathematics—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.99 (1.23)
 Logit Cut Scores: -0.45, 0.14, 1.60

GRADE 3 READING

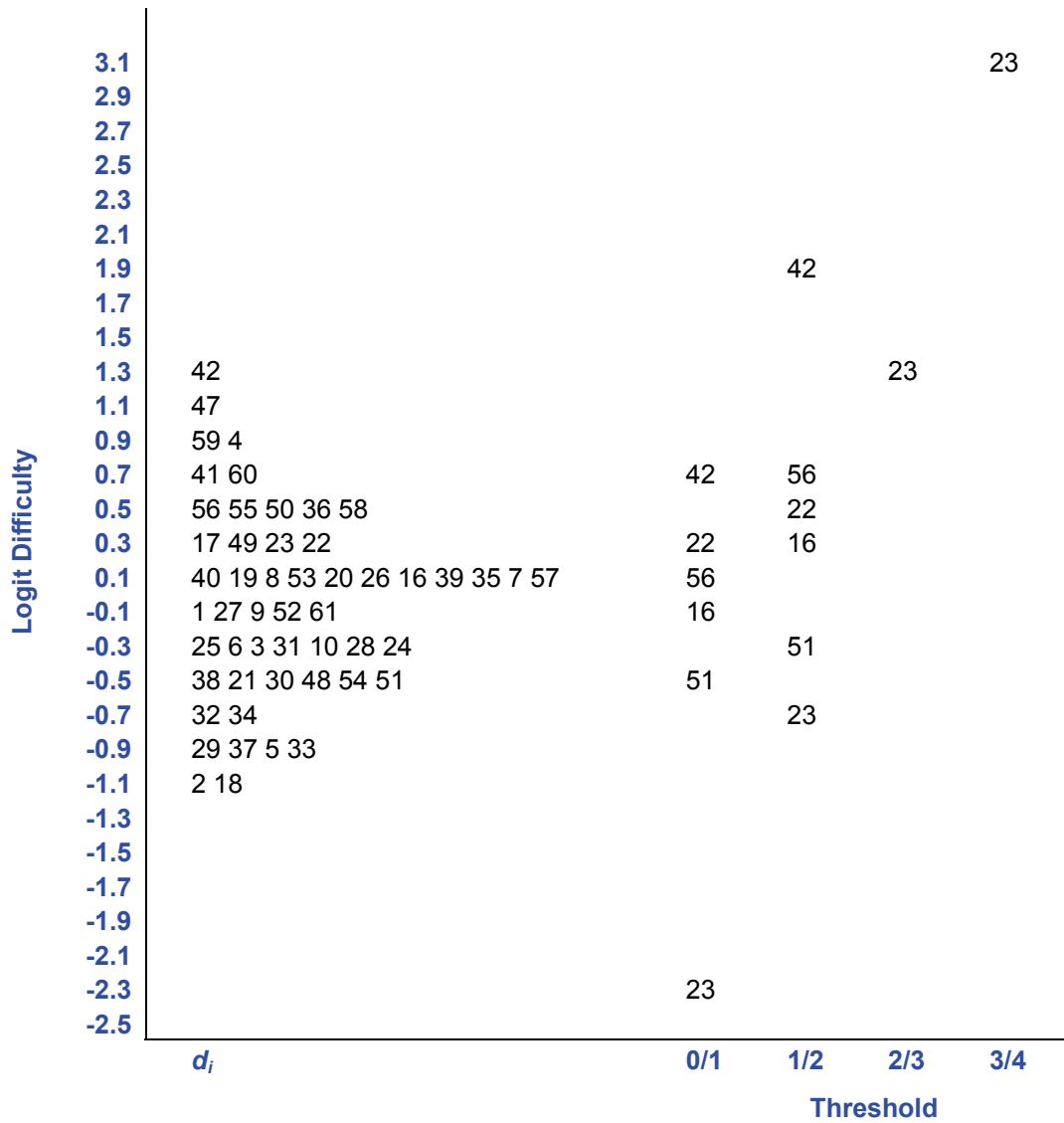
Figure 15–2. Grade 3 Reading—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.96 (1.37)
 Logit Cut Scores: -0.87, -0.21, 1.39

GRADE 3 WRITING

Figure 15–3. Grade 3 Writing—Item and Threshold Difficulty Map

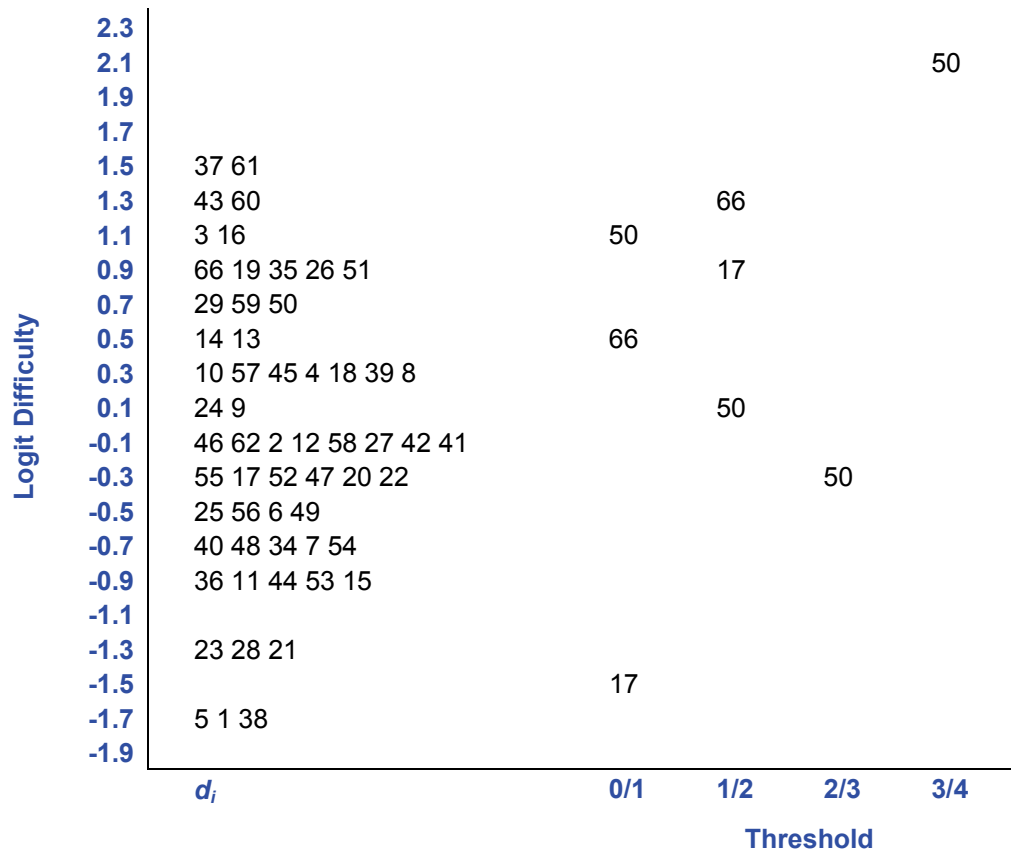


Mean (SD) Person Logit: 0.80 (1.27)

Logit Cut Scores: -1.49, -0.17, 1.50

GRADE 4 MATHEMATICS

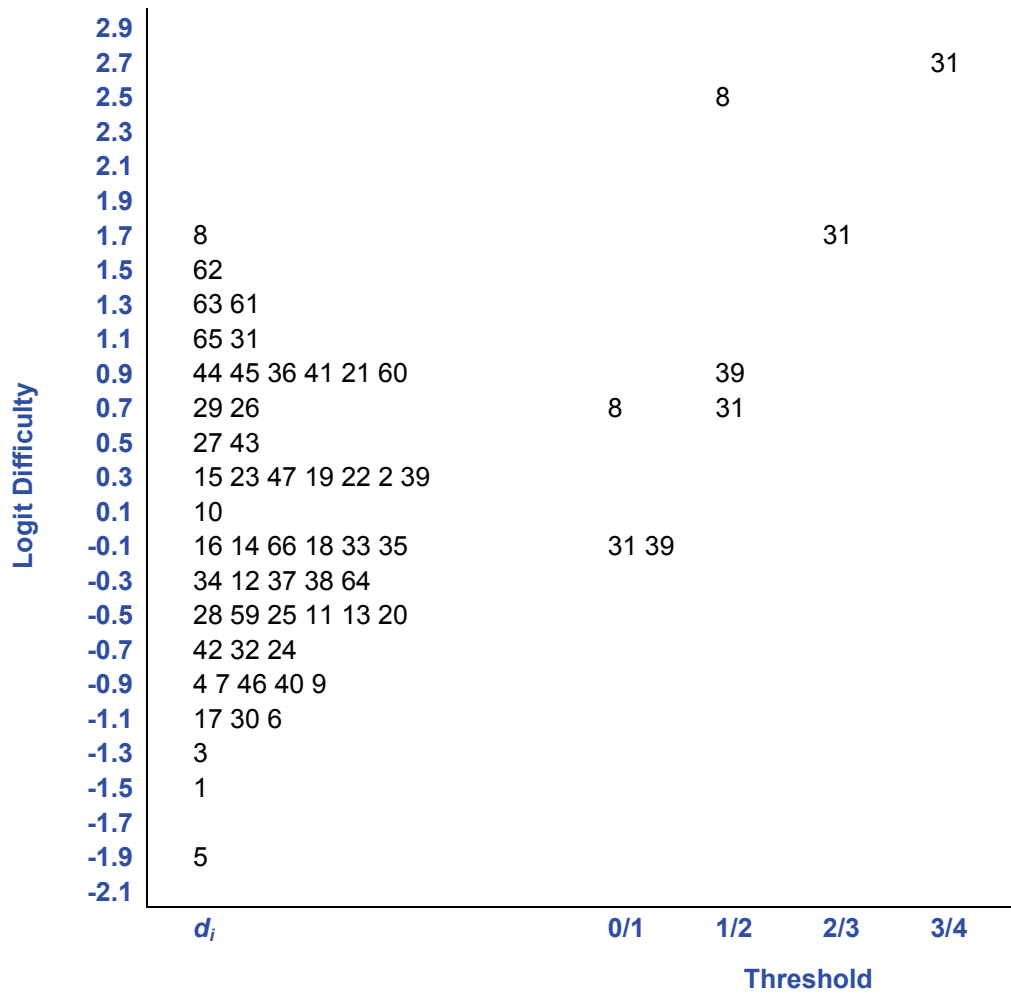
Figure 15–4. Grade 4 Mathematics—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 1.04 (1.15)
 Logit Cut Scores: -0.31, 0.28, 1.52

GRADE 4 READING

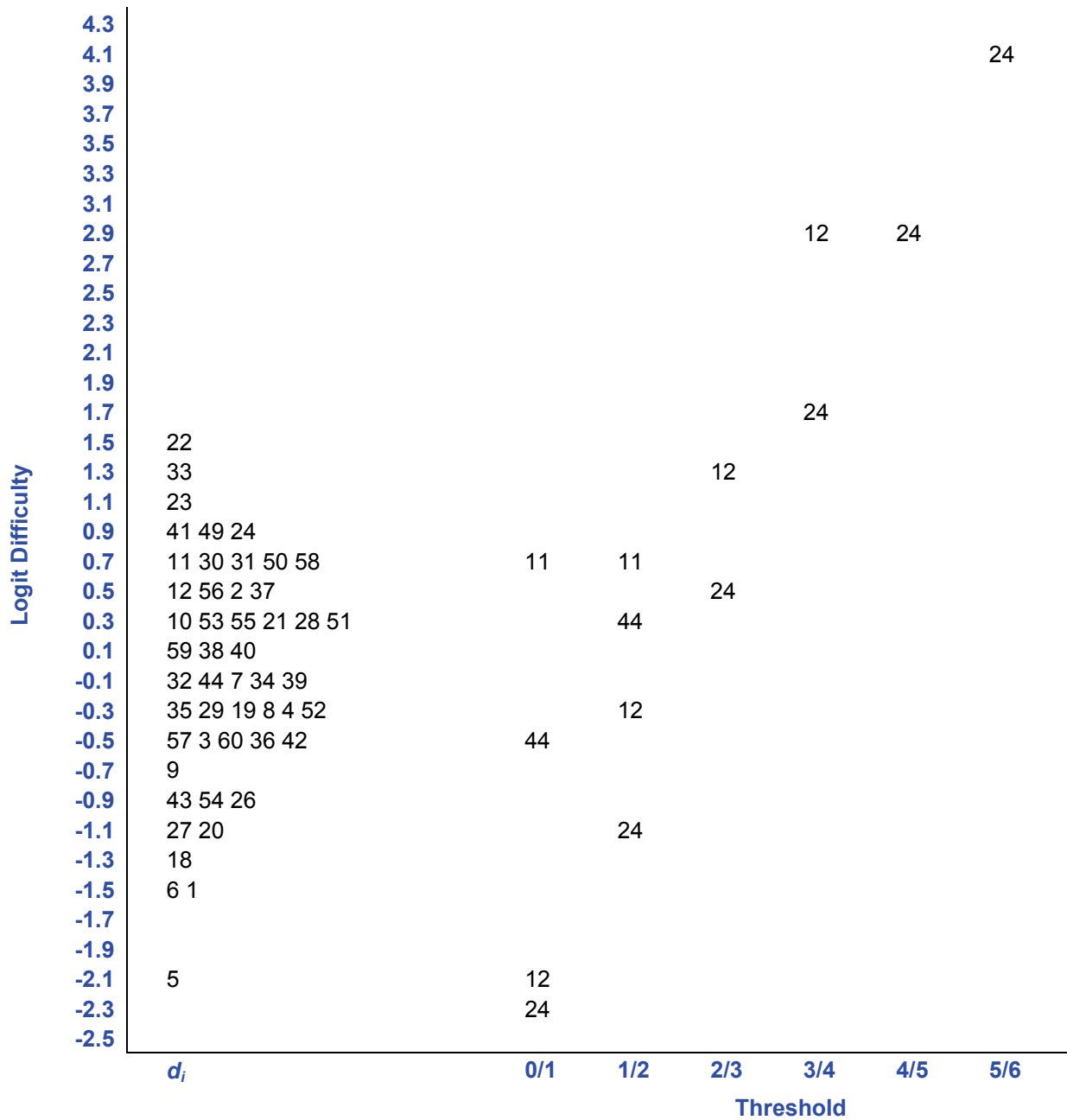
Figure 15–5. Grade 4 Reading—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.89 (1.18)
 Logit Cut Scores: -0.75, -0.13, 1.67

GRADE 4 WRITING

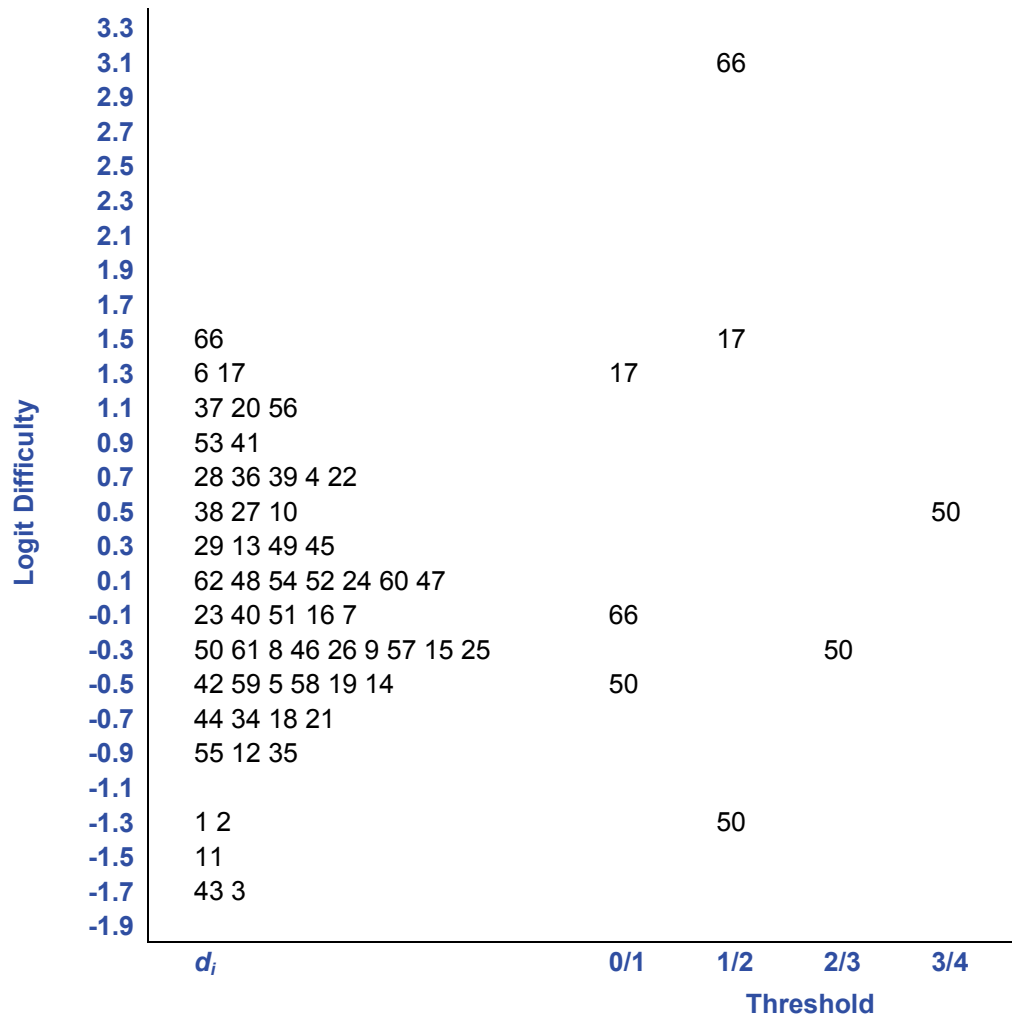
Figure 15–6. Grade 4 Writing—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.75 (1.06)
 Logit Cut Scores: -1.43, -0.14, 1.50

GRADE 5 MATHEMATICS

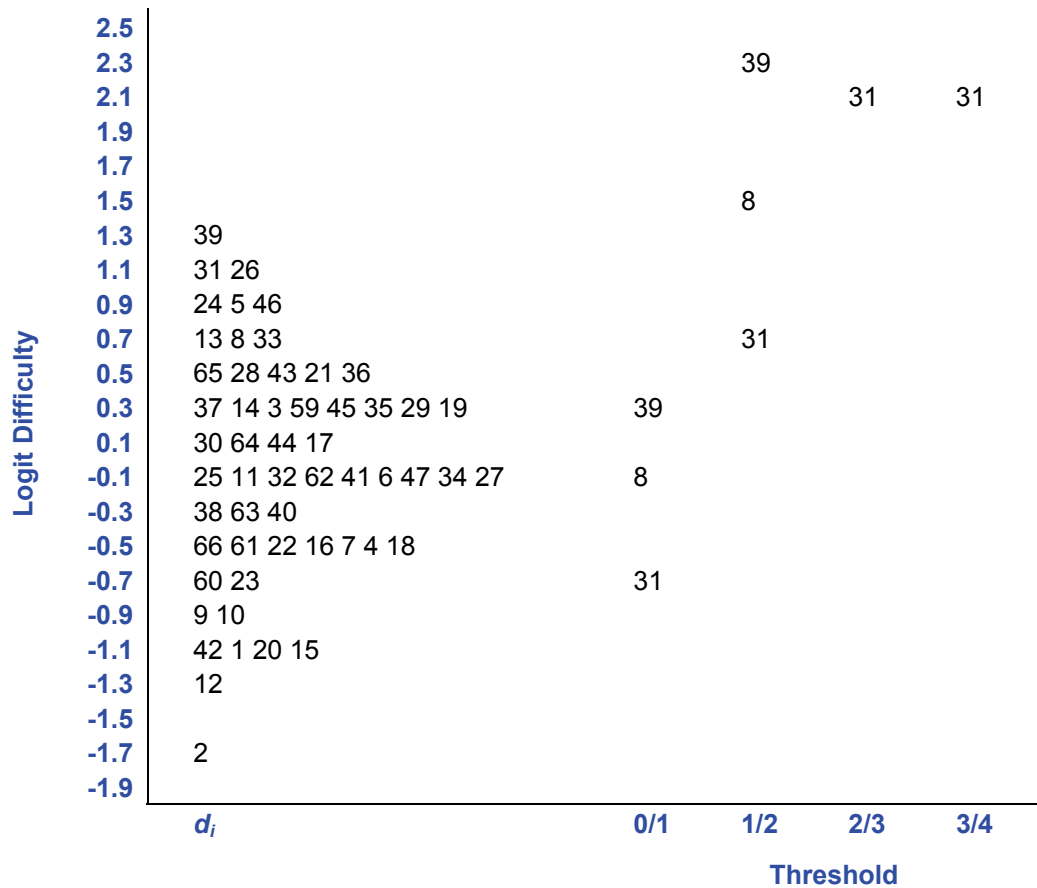
Figure 15–7. Grade 5 Mathematics—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.96 (1.26)
 Logit Cut Scores: -0.52, 0.26, 1.44

GRADE 5 READING

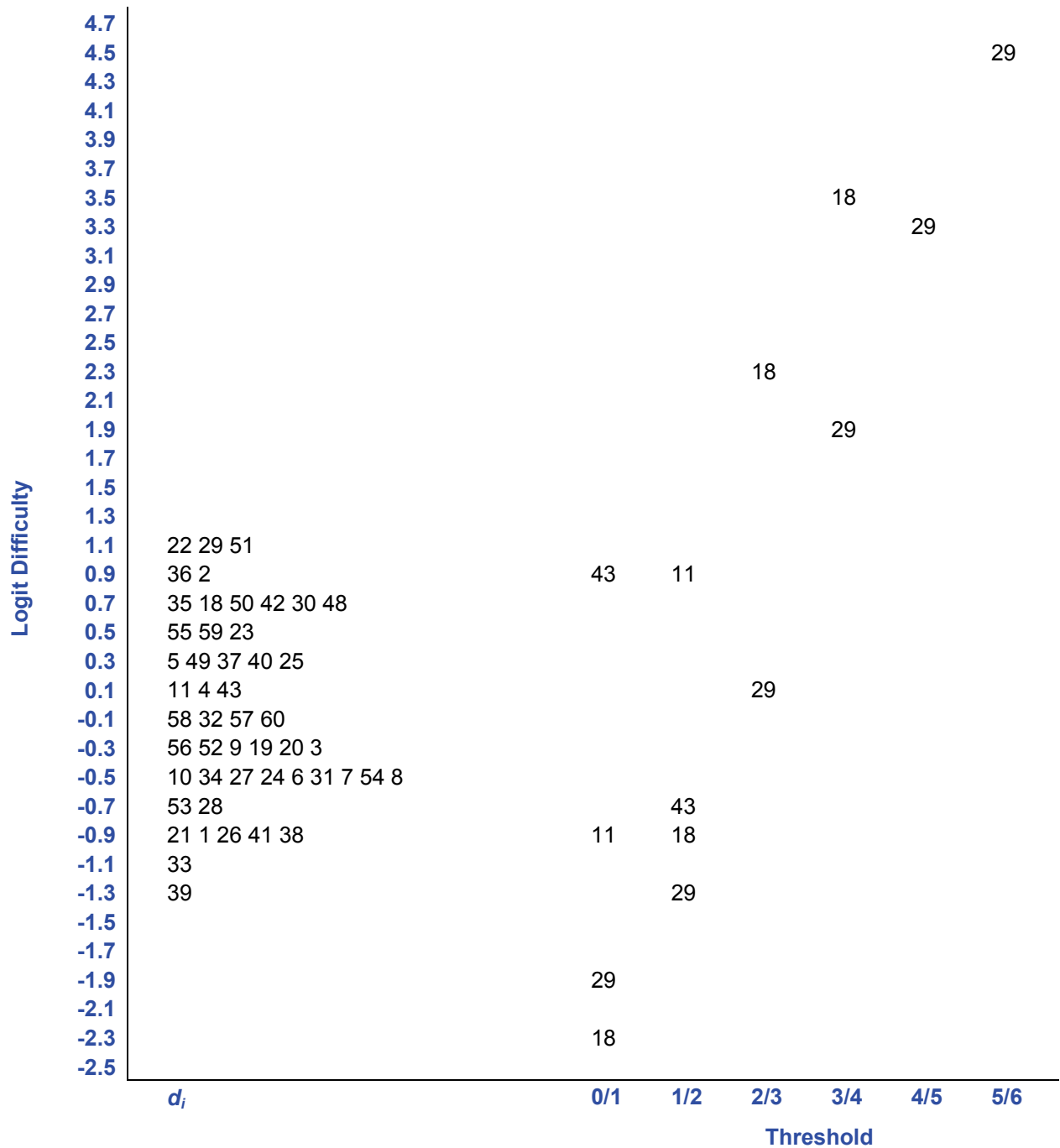
Figure 15–8. Grade 5 Reading—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.84 (1.22)
 Logit Cut Scores: -1.02, -0.25, 1.66

GRADE 5 WRITING

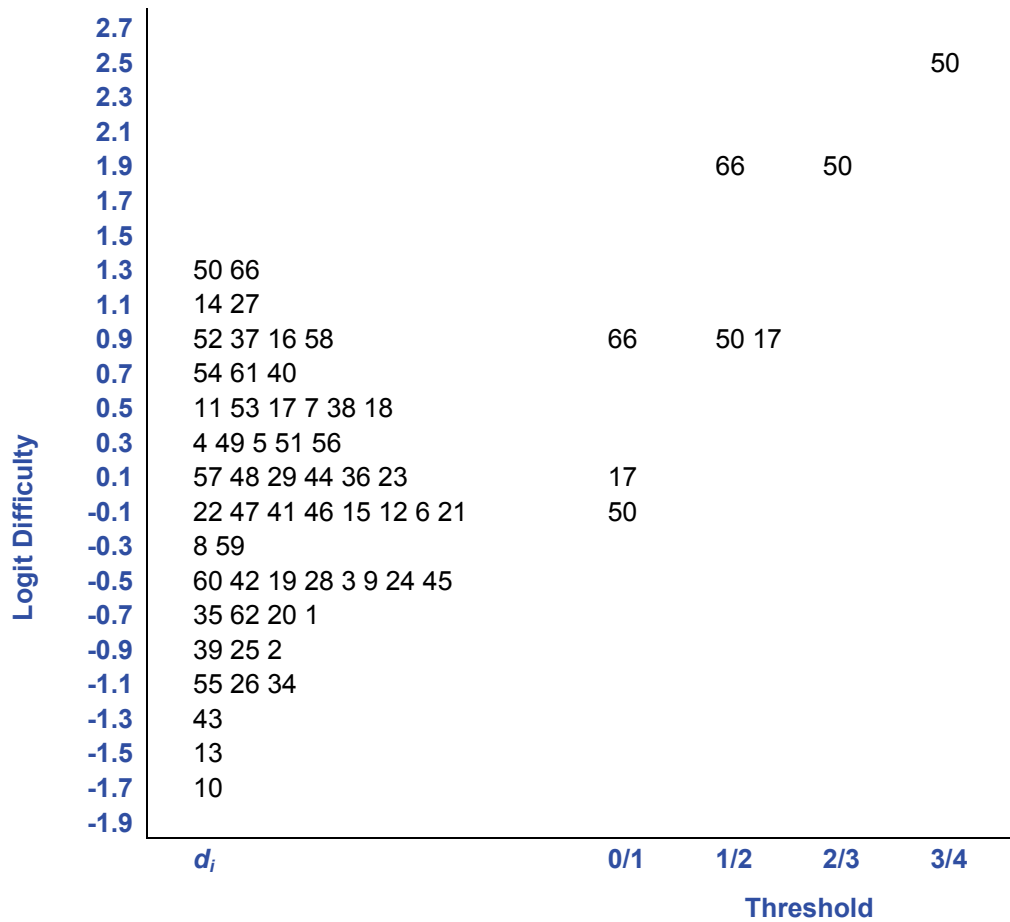
Figure 15–9. Grade 5 Writing—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 1.03 (1.18)
 Logit Cut Scores: -1.52, 0.15, 1.72

GRADE 6 MATHEMATICS

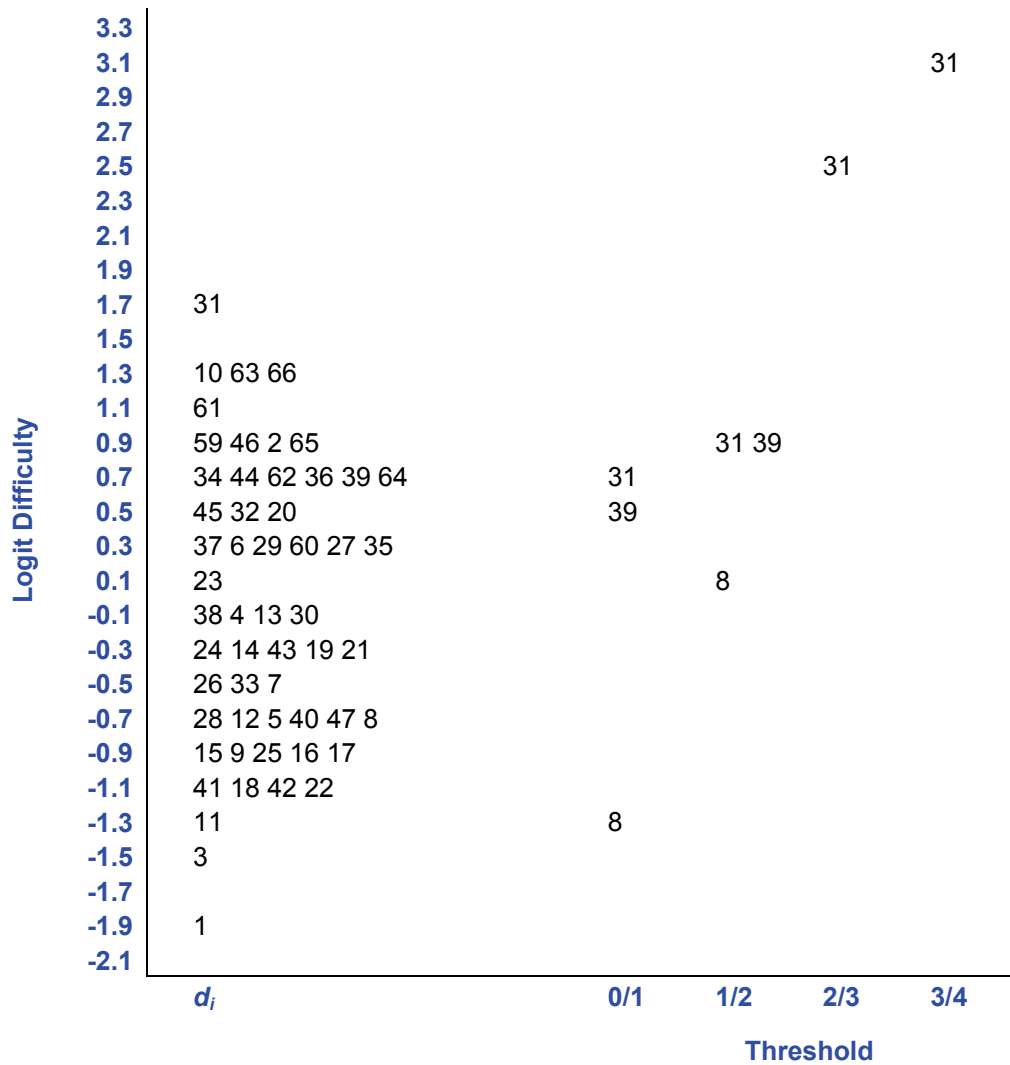
Figure 15–10. Grade 6 Mathematics—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.95 (1.21)
 Logit Cut Scores: -0.39, 0.27, 1.48

GRADE 6 READING

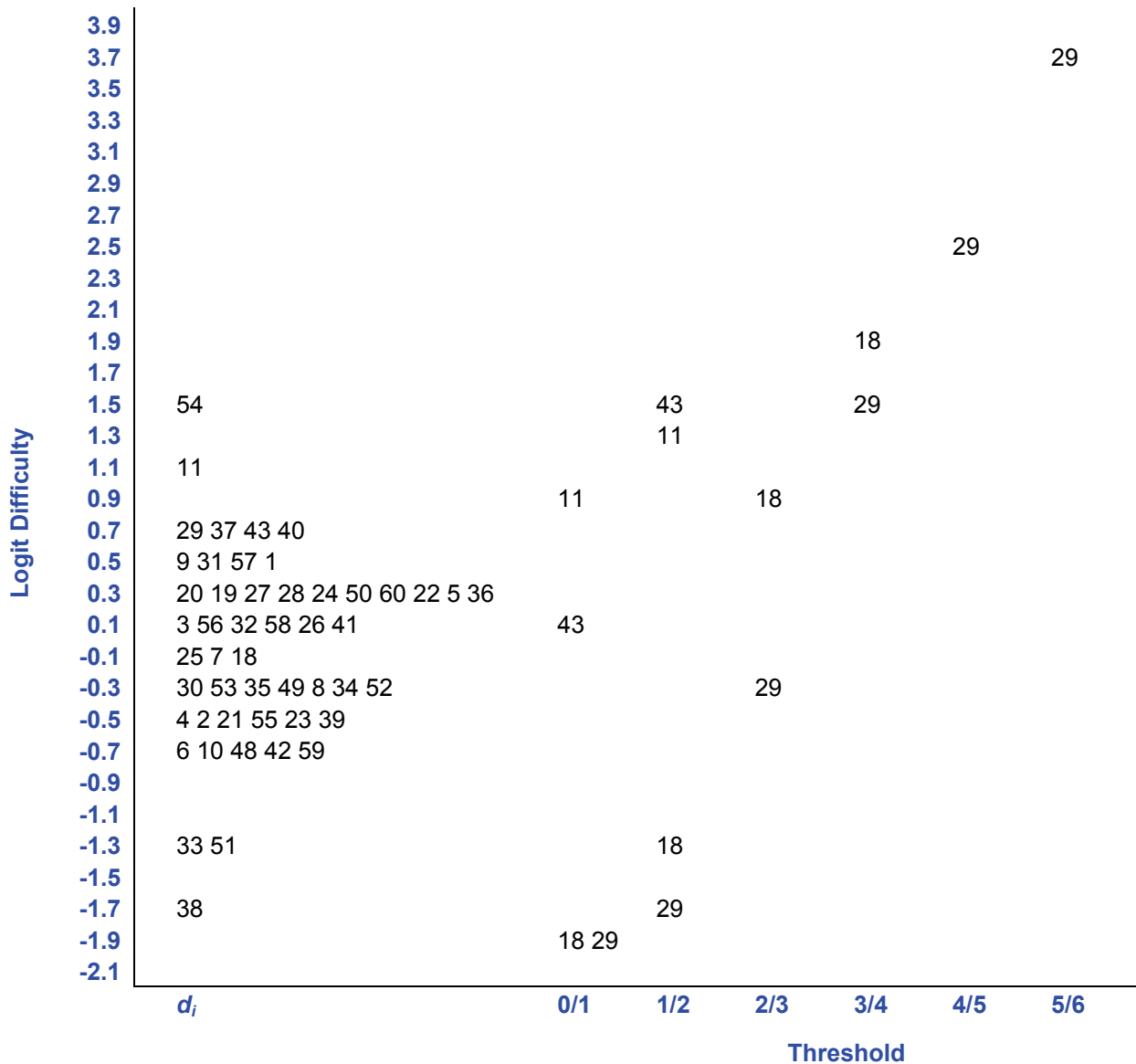
Figure 15–11. Grade 6 Reading—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.98 (1.24)
 Logit Cut Scores: -1.03, 0.02, 1.55

GRADE 6 WRITING

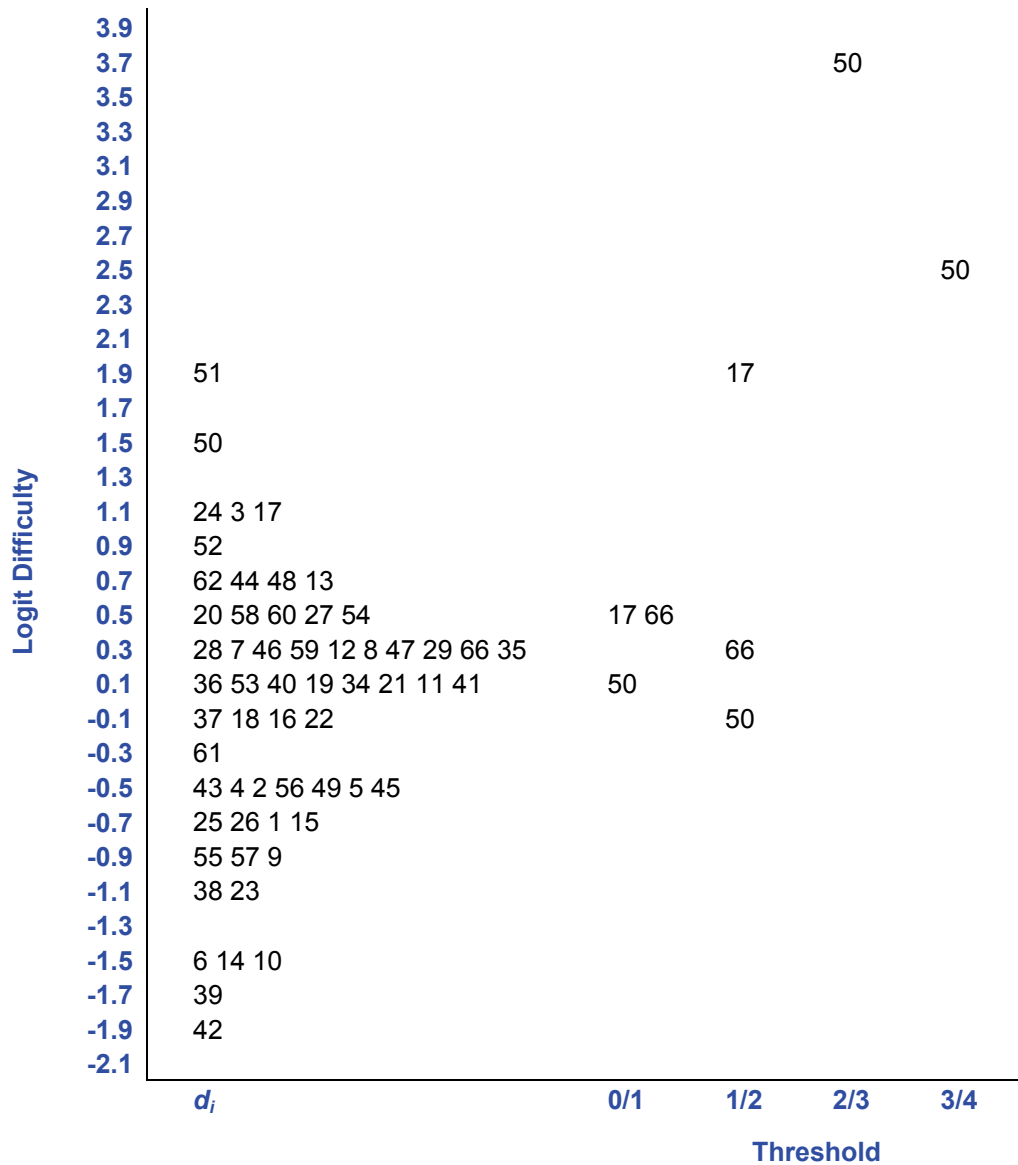
Figure 15–12. Grade 6 Writing—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.96 (1.08)
 Logit Cut Scores: -0.90, 0.25, 1.57

GRADE 7 MATHEMATICS

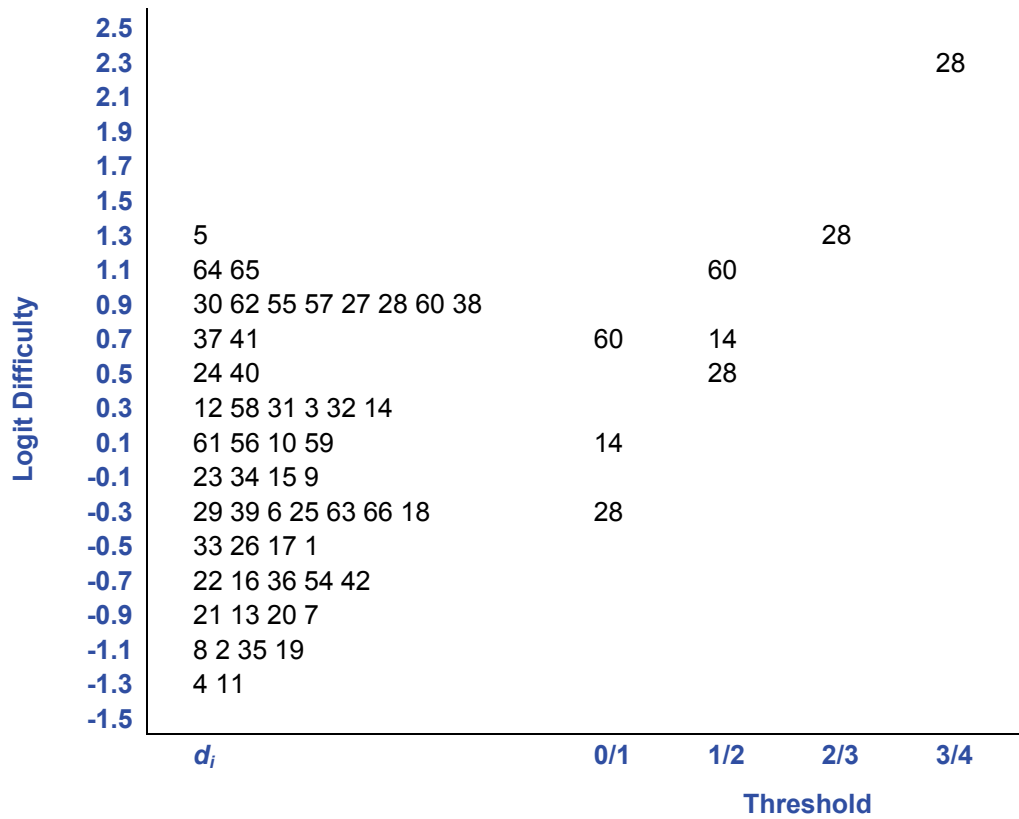
Figure 15–13. Grade 7 Mathematics—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.72 (1.15)
 Logit Cut Scores: -0.63, 0.17, 1.47

GRADE 7 READING

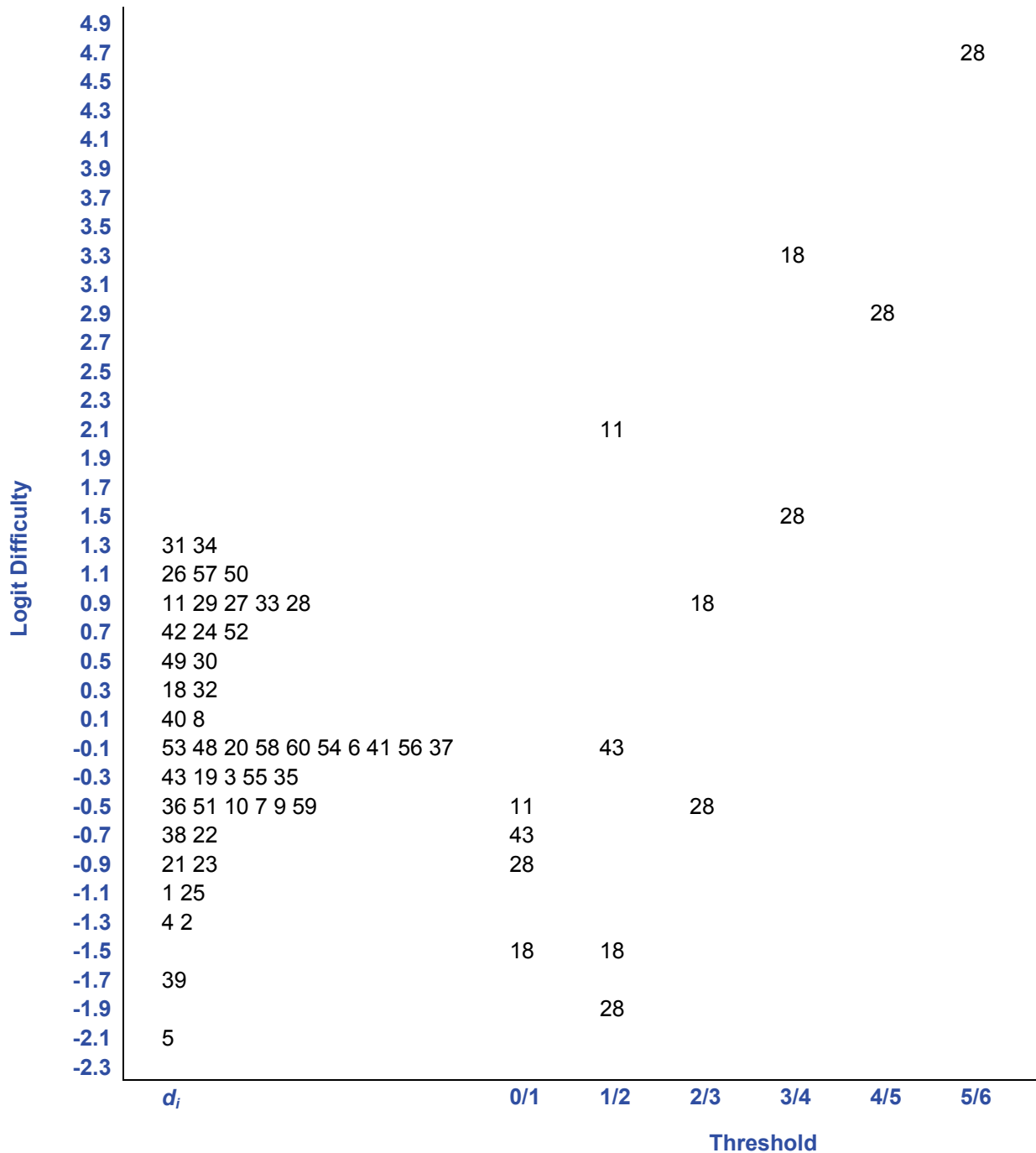
Figure 15–14. Grade 7 Reading—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.85 (1.09)
 Logit Cut Scores: -0.89, -0.12, 1.43

GRADE 7 WRITING

Figure 15–15. Grade 7 Writing—Item and Threshold Difficulty Map

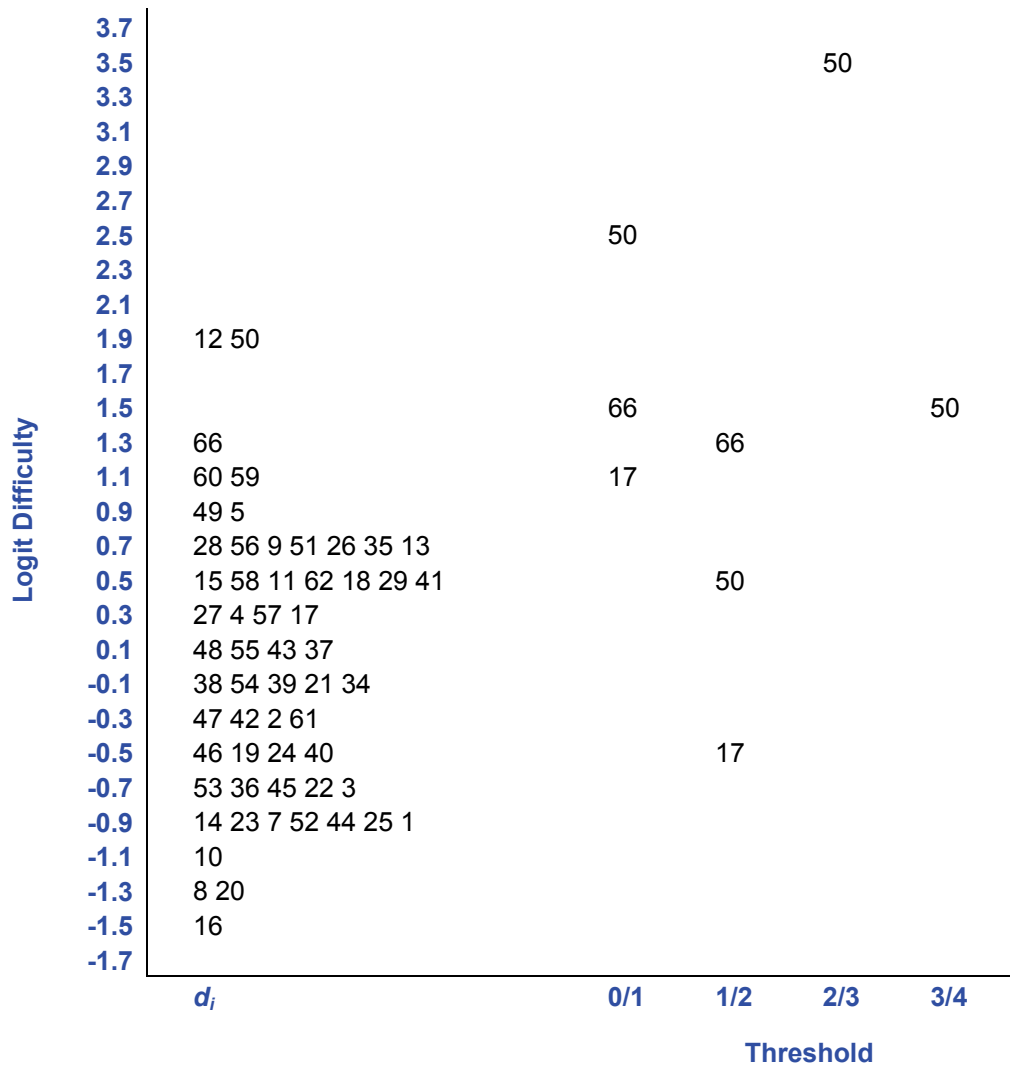


Mean (SD) Person Logit: 1.02 (1.16)

Logit Cut Scores: -0.77, 0.24, 2.13

GRADE 8 MATHEMATICS

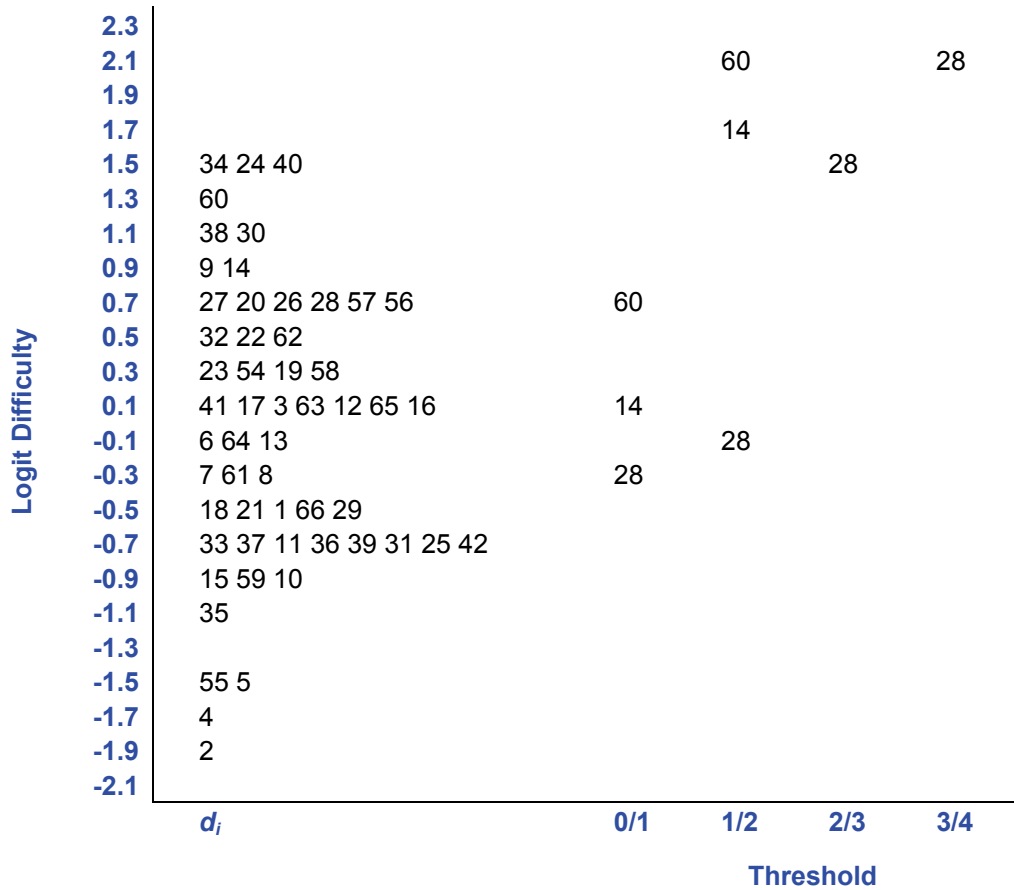
Figure 15–16. Grade 8 Mathematics—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.87 (1.17)
 Logit Cut Scores: -0.31, 0.35, 1.61

GRADE 8 READING

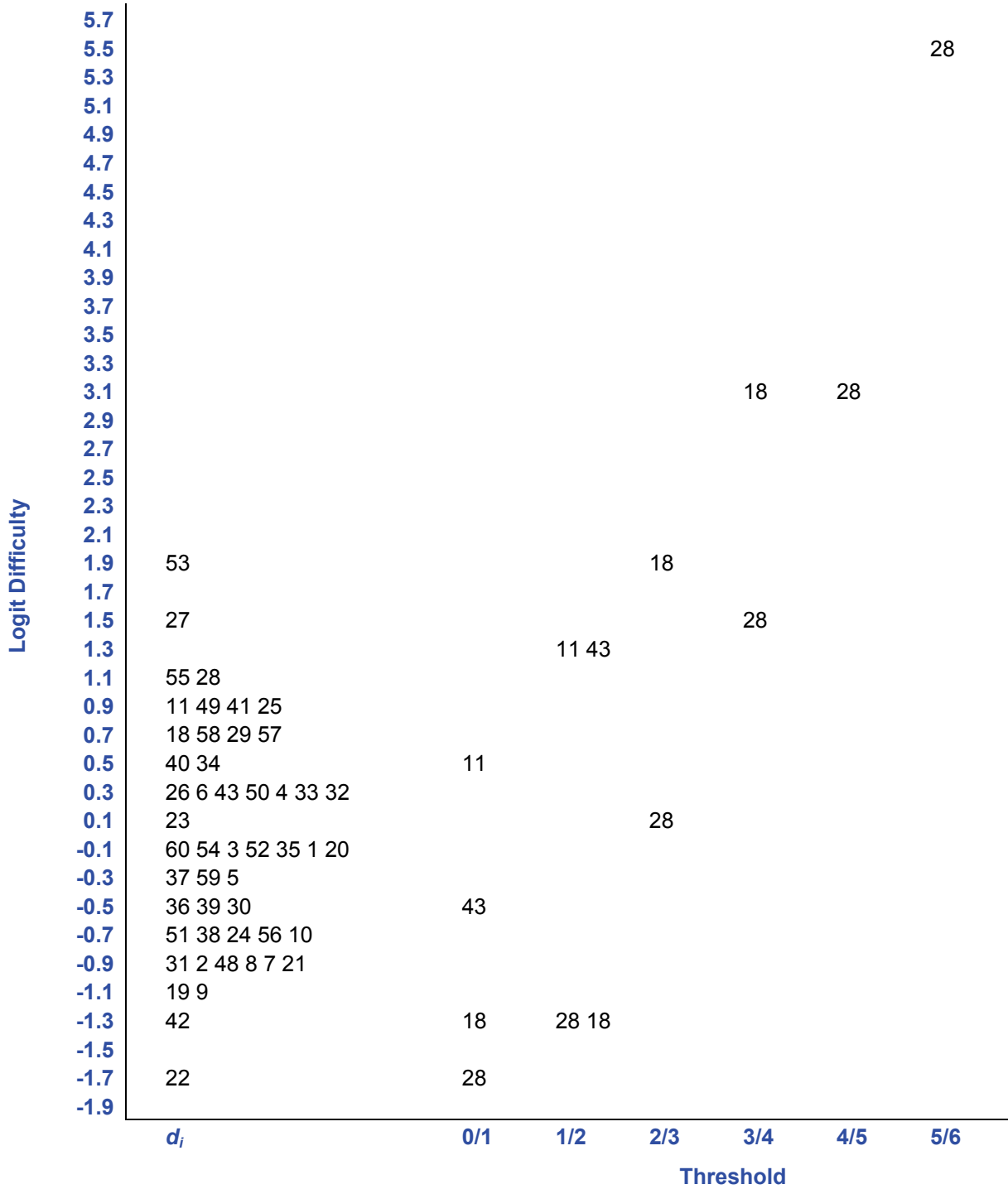
Figure 15–17. Grade 8 Reading—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.92 (1.10)
 Logit Cut Scores: -0.97, -0.11, 1.45

GRADE 8 WRITING

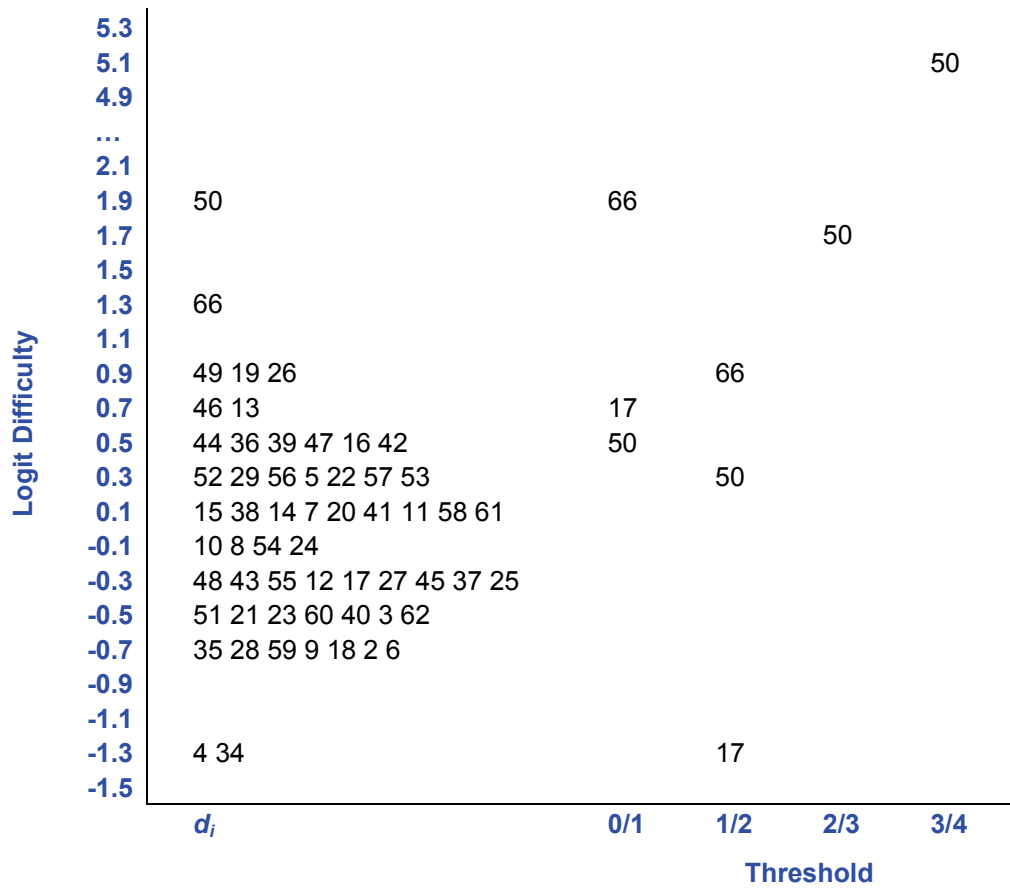
Figure 15–18. Grade 8 Writing—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 1.00 (1.13)
 Logit Cut Scores: -0.84, 0.17, 2.54

GRADE 9 MATHEMATICS

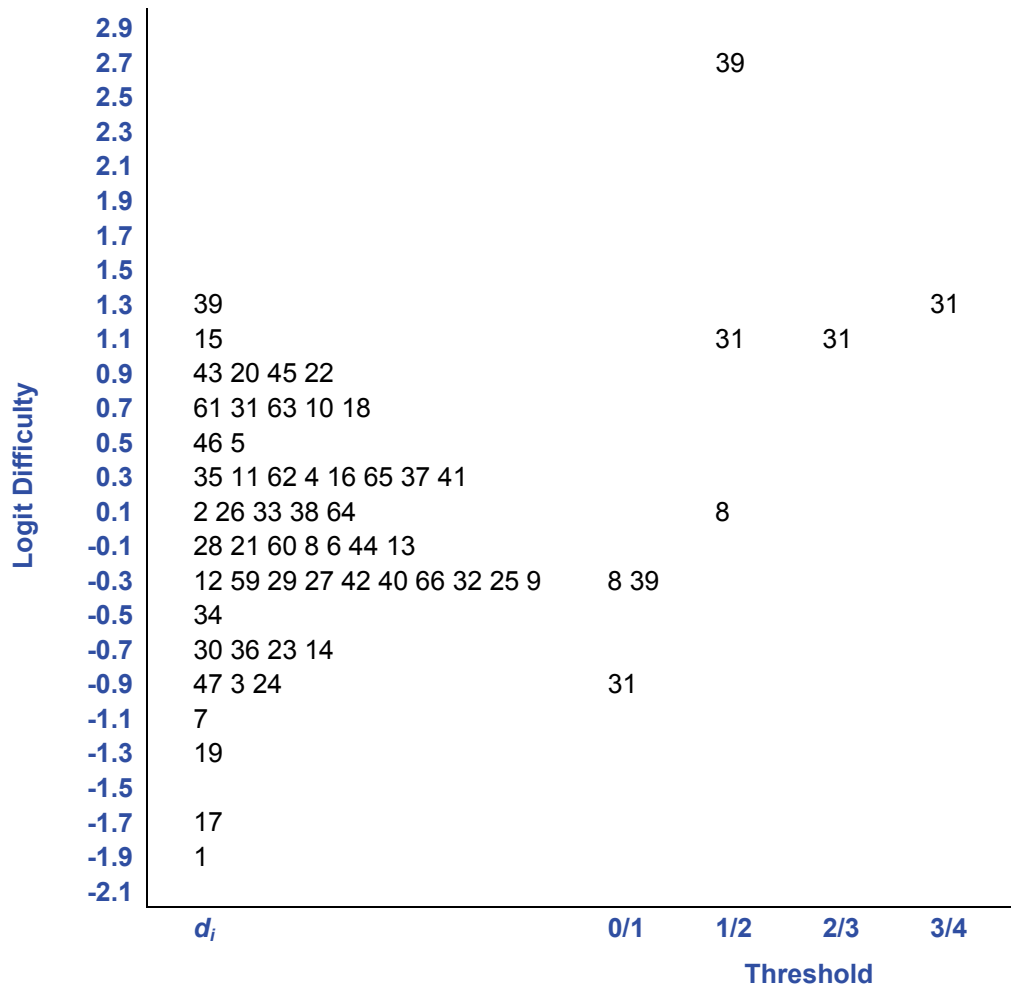
Figure 15–19. Grade 9 Mathematics—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.70 (1.15)
 Logit Cut Scores: -0.28, 0.38, 1.50

GRADE 9 READING

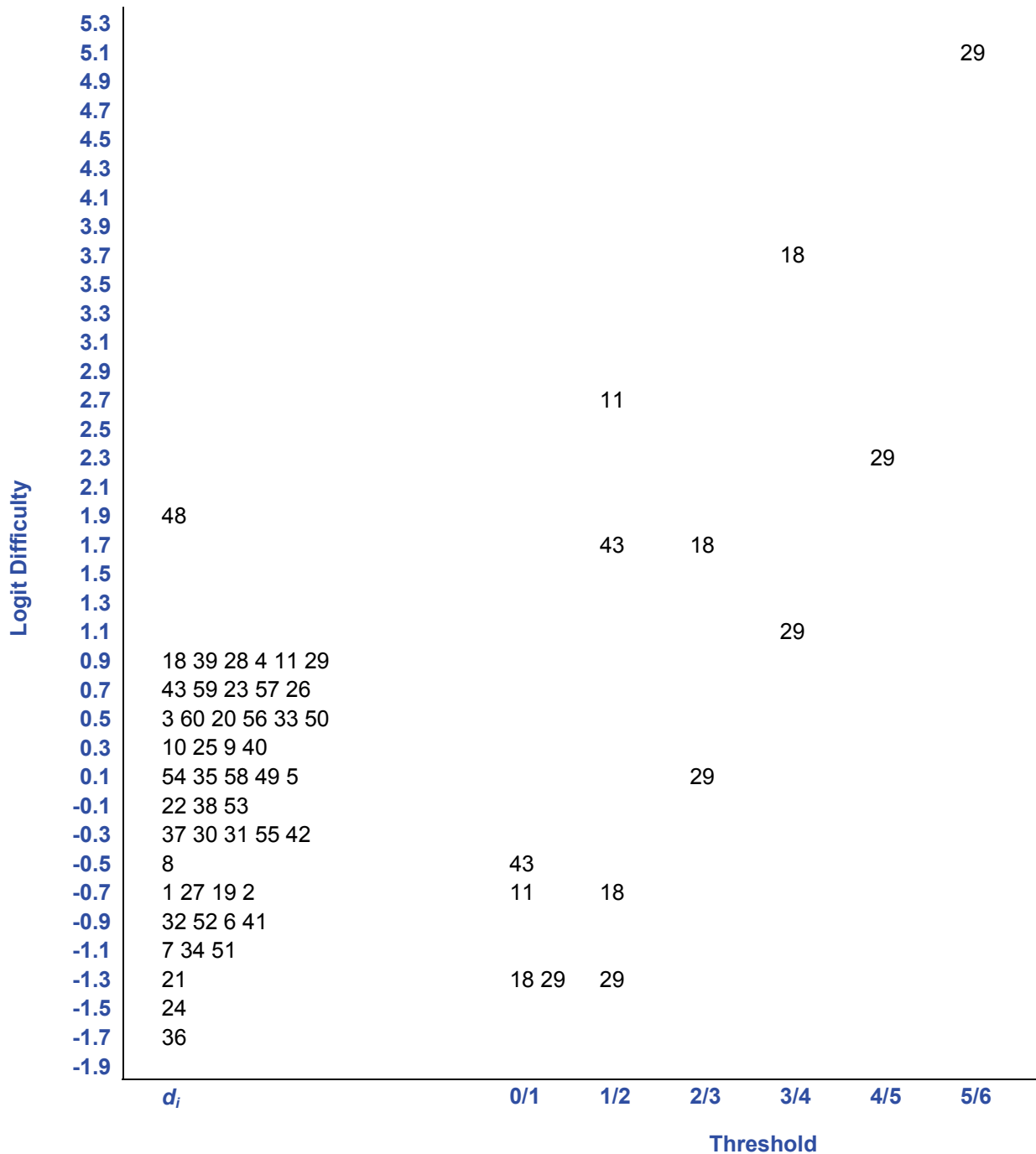
Figure 15–20. Grade 9 Reading—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.88 (1.12)
 Logit Cut Scores: -1.13, -0.05, 1.21

GRADE 9 WRITING

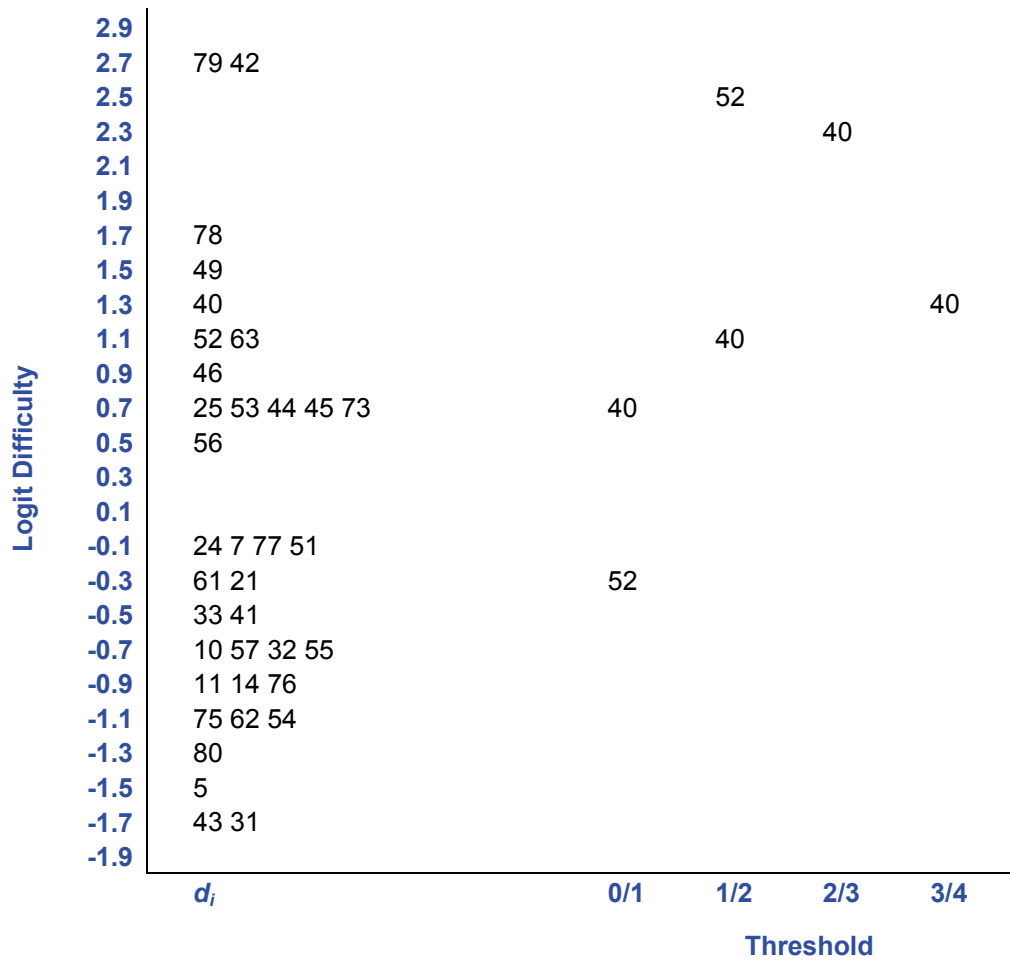
Figure 15–21. Grade 9 Writing—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 1.10 (1.09)
 Logit Cut Scores: -0.54, 0.37, 2.89

GRADE 10 MATHEMATICS

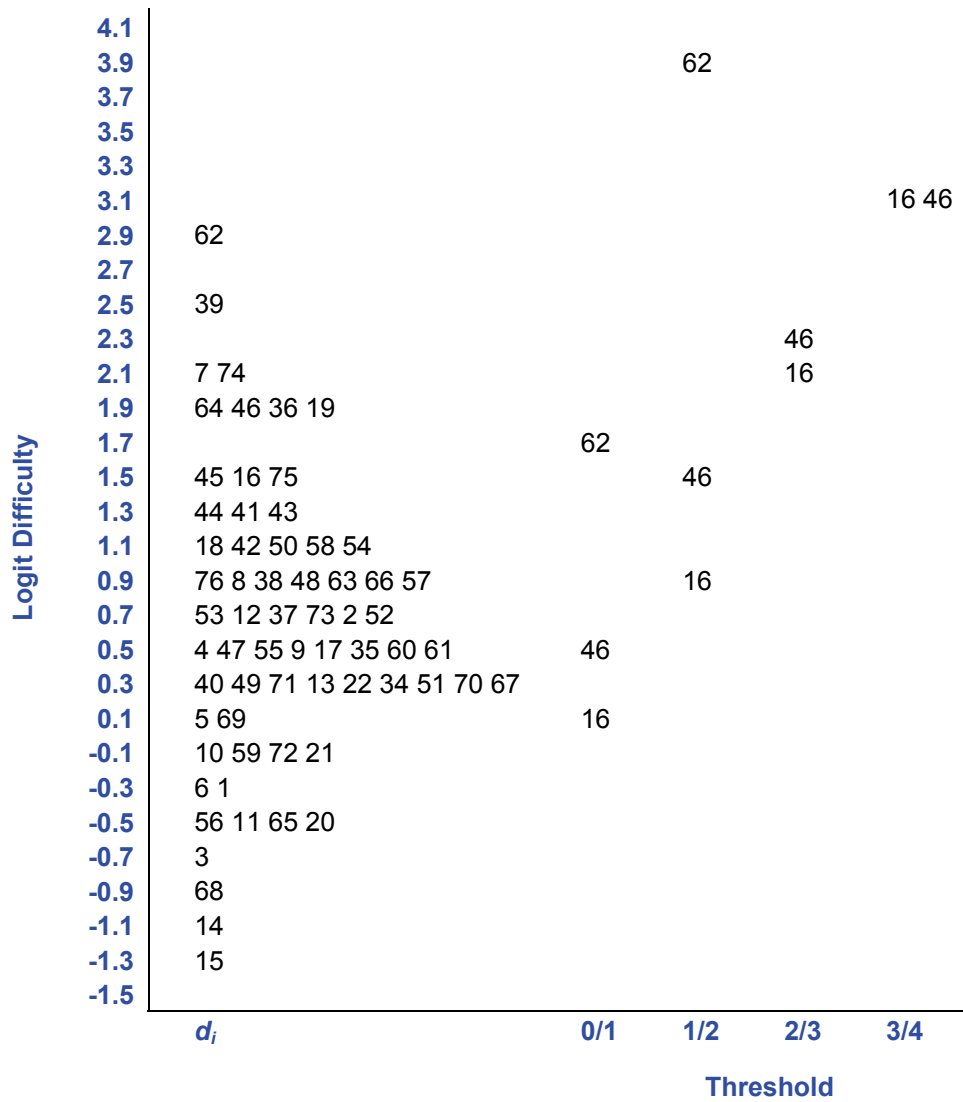
Figure 15–22. Grade 10 Mathematics—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 0.97 (1.20)
 Logit Cut Scores: -0.39, 0.43, 2.01

GRADE 10 READING

Figure 15–23. Grade 10 Reading—Item and Threshold Difficulty Map

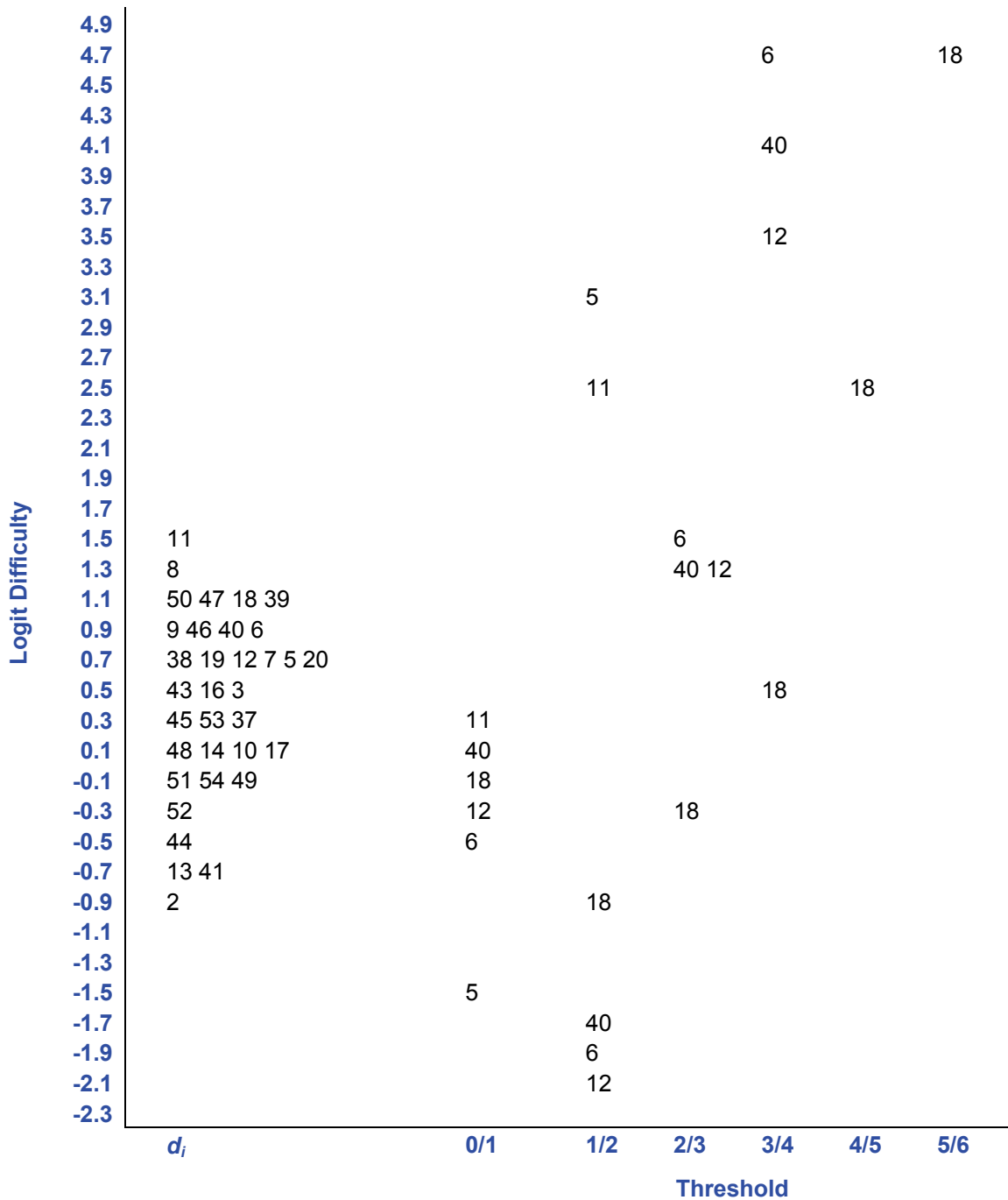


Mean (SD) Person Logit: 1.66 (1.01)

Logit Cut Scores: -0.43, 0.68, 2.12

GRADE 10 WRITING

Figure 15–24. Grade 10 Writing—Item and Threshold Difficulty Map



Mean (SD) Person Logit: 1.44 (1.04)
 Logit Cut Scores: -0.30, 0.68, 3.40