

# Score Correction Impact Report

## Overview

This report shows how applying the SSB score corrections affects student competence level classifications. Each table shows the transition from original levels (rows) to corrected levels (columns).

**Analysis period:** 2014-2021 **Total observations:** 2,821,431

## Impact Summary

The figure below shows the share of pupils whose competence level assignment changed after correction, by subject and grade level over time.

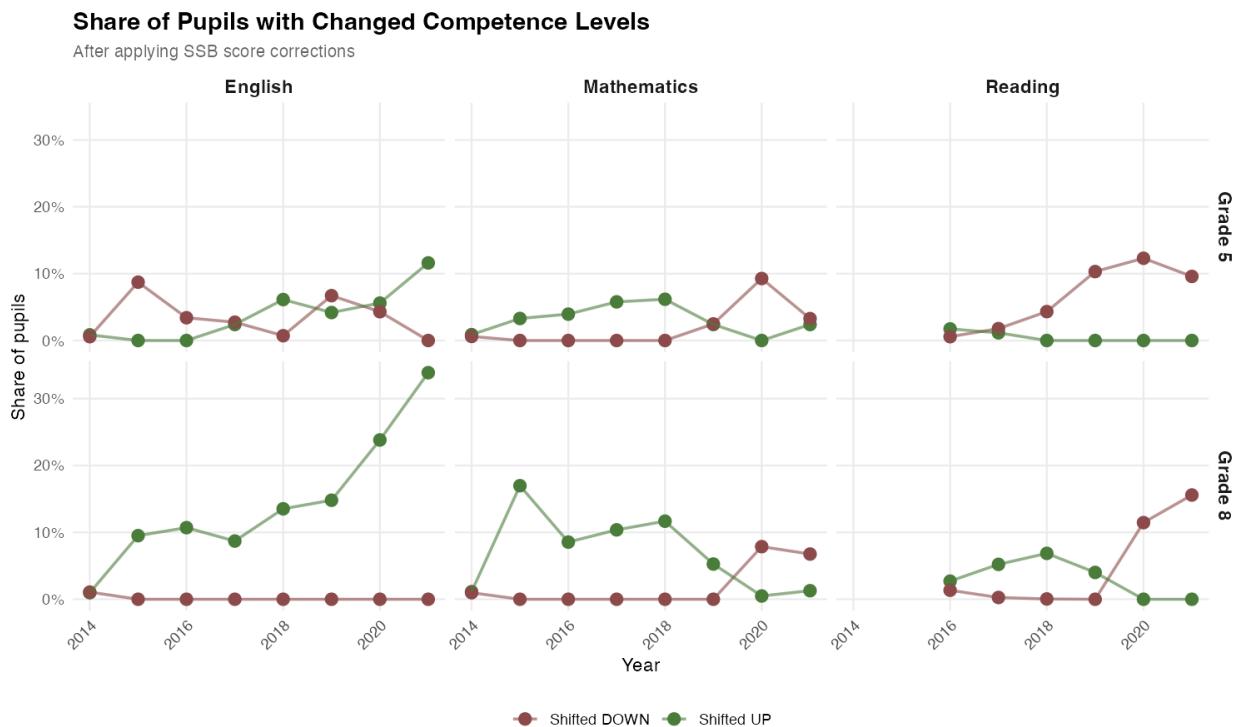


Figure 1: Share of pupils with changed levels

## English (Engelsk)

### Grade 5 (5. trinn)

#### Score Ranges with Level Changes

The figure below shows which score ranges resulted in different competence level assignments after correction. Green segments indicate scores that were upgraded; red segments indicate downgrades.

### English - Grade 5

Score ranges where competence level assignment changed after correction

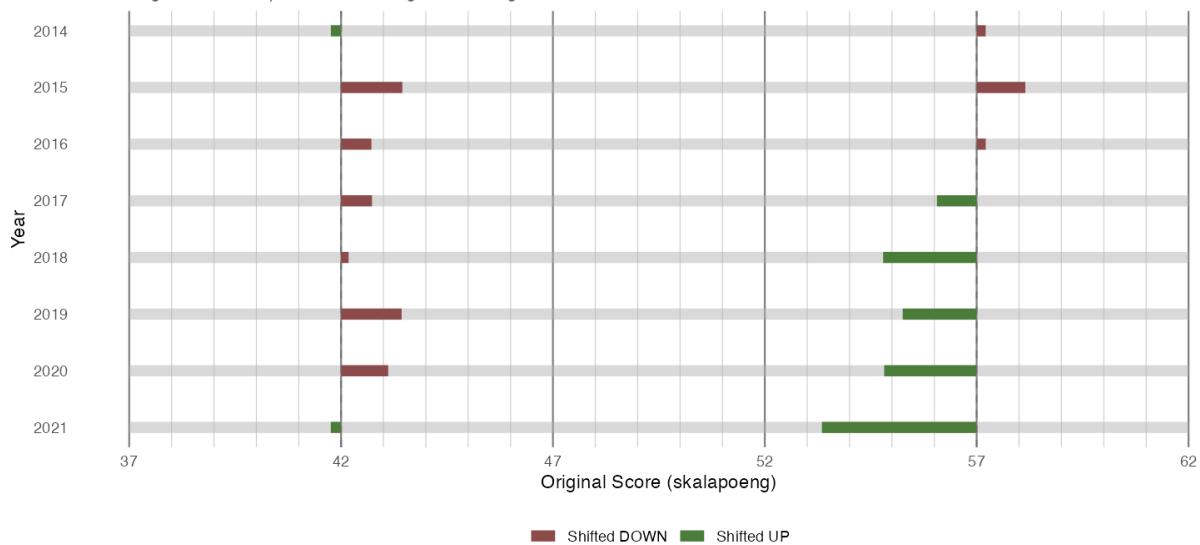


Figure 2: Discrepancy ranges

2014

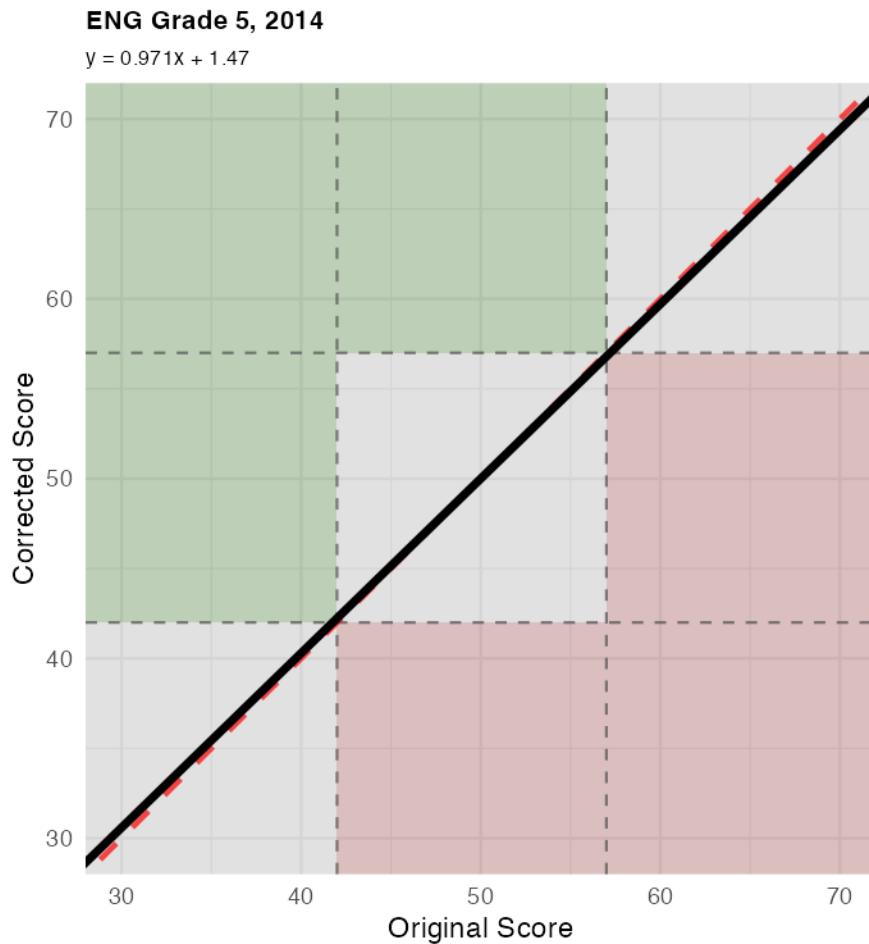


Figure 3: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	12,557	478	0	13,035
Level 2	0	30,220	0	30,220
Level 3	0	327	13,176	13,503

**Total test-takers:** 56,758 - **Shifted level:** 805 (1.42%) - **Shifted up:** 478 (0.84%) - **Shifted down:** 327 (0.58%)

2015

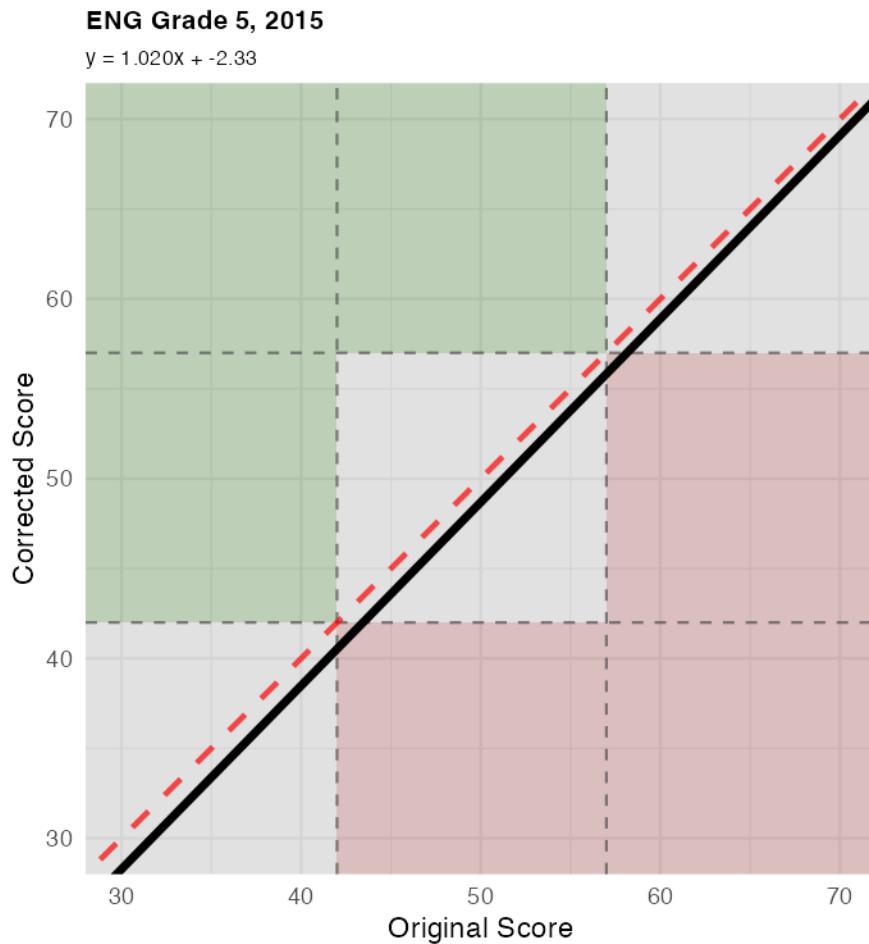


Figure 4: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	13,316	0	0	13,316
Level 2	3,491	26,829	0	30,320
Level 3	0	1,449	11,547	12,996

**Total test-takers:** 56,632 - **Shifted level:** 4,940 (8.72%) - **Shifted up:** 0 (0%) - **Shifted down:** 4,940 (8.72%)

2016

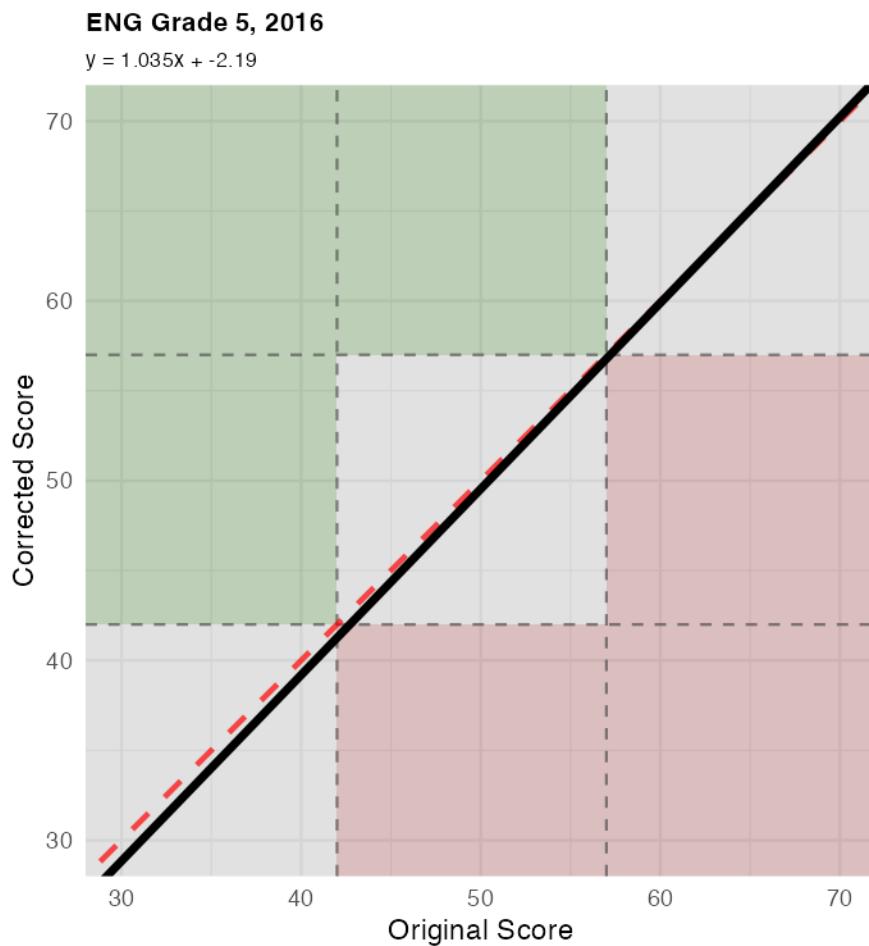


Figure 5: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	13,038	0	0	13,038
Level 2	1,711	30,050	0	31,761
Level 3	0	273	13,164	13,437

**Total test-takers:** 58,236 - **Shifted level:** 1,984 (3.41%) - **Shifted up:** 0 (0%) - **Shifted down:** 1,984 (3.41%)

2017

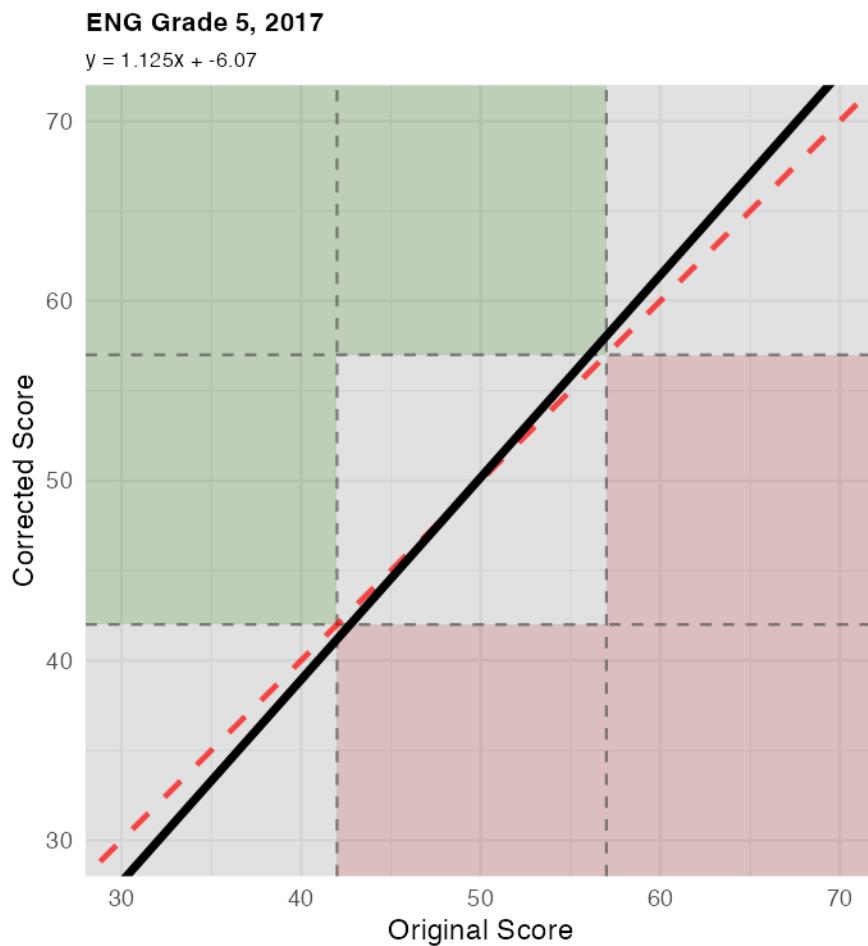


Figure 6: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	12,363	0	0	12,363
Level 2	1,591	28,651	1,389	31,631
Level 3	0	0	14,087	14,087

**Total test-takers:** 58,081 - **Shifted level:** 2,980 (5.13%) - **Shifted up:** 1,389 (2.39%) - **Shifted down:** 1,591 (2.74%)

2018

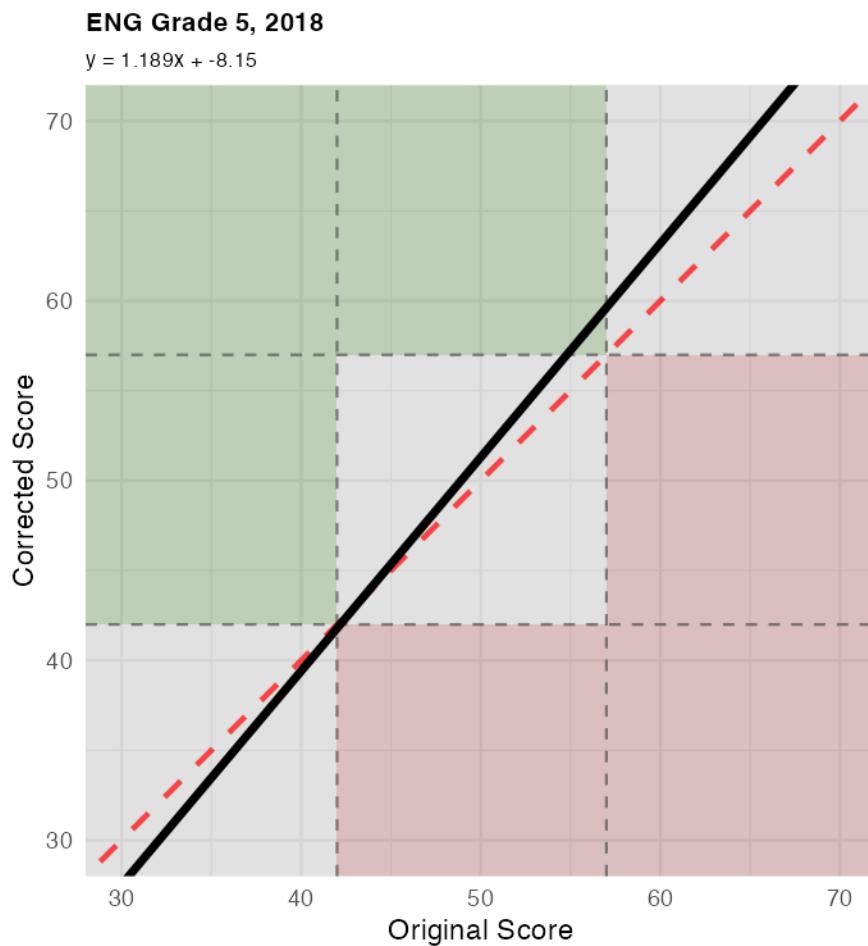


Figure 7: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	12,764	0	0	12,764
Level 2	429	27,990	3,662	32,081
Level 3	0	0	14,958	14,958

**Total test-takers:** 59,803 - **Shifted level:** 4,091 (6.84%) - **Shifted up:** 3,662 (6.12%) - **Shifted down:** 429 (0.72%)

2019

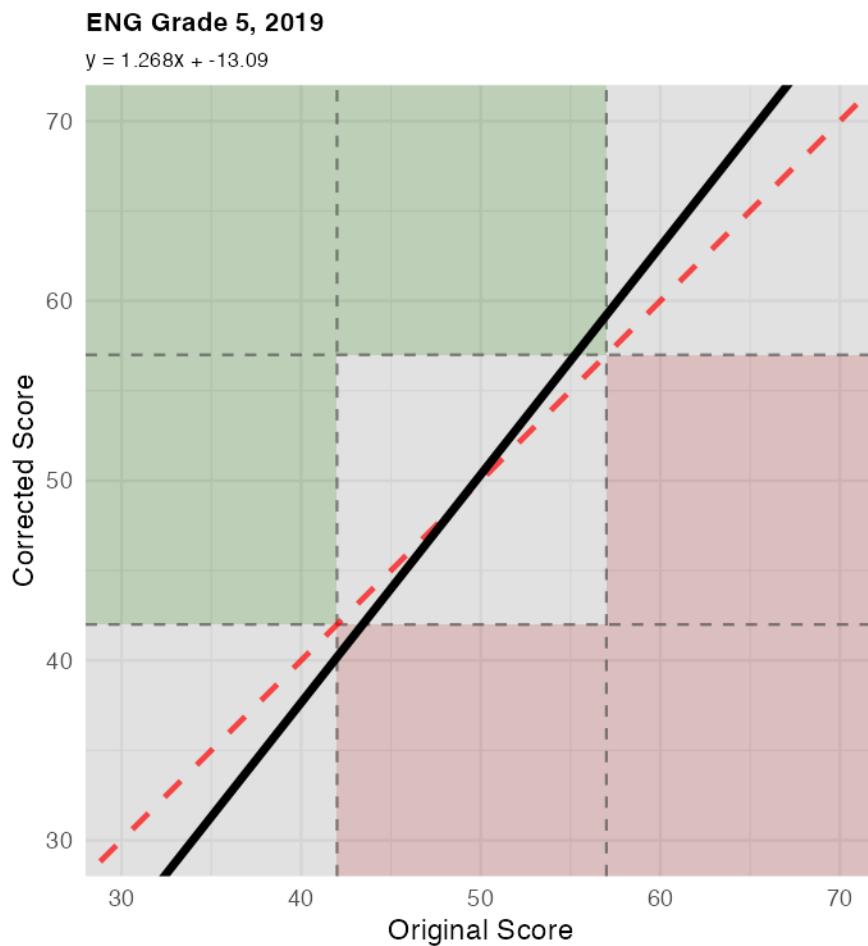


Figure 8: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	13,600	0	0	13,600
Level 2	4,073	25,348	2,539	31,960
Level 3	0	0	15,166	15,166

**Total test-takers:** 60,726 - **Shifted level:** 6,612 (10.89%) - **Shifted up:** 2,539 (4.18%) - **Shifted down:** 4,073 (6.71%)

2020

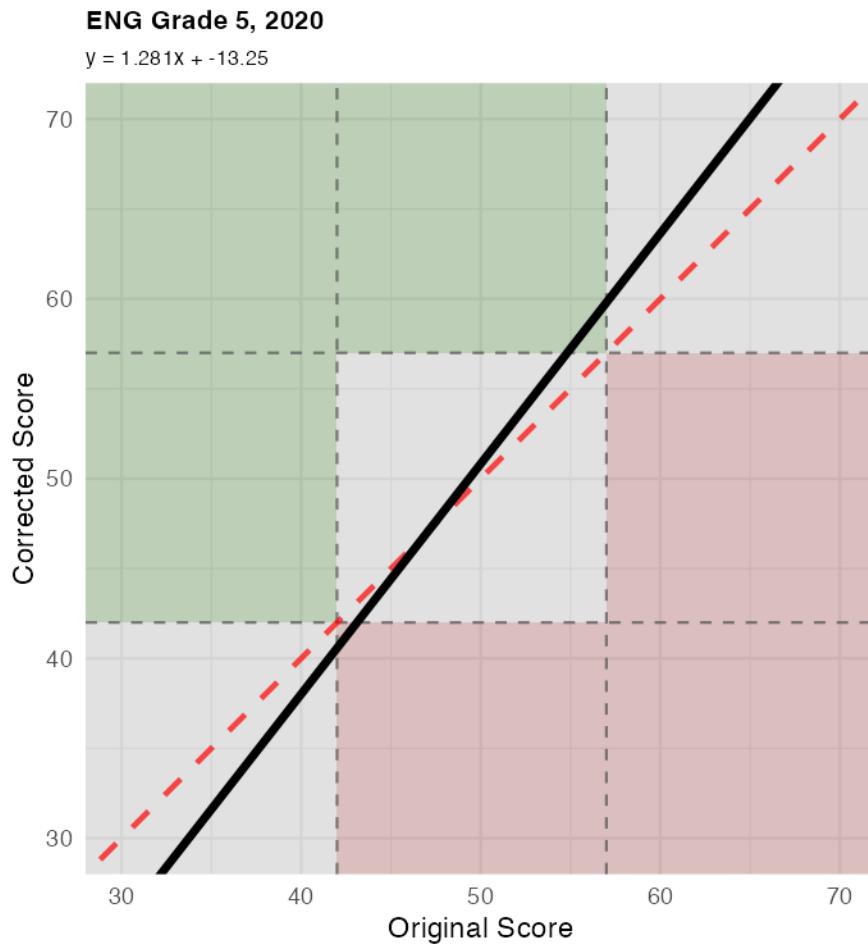


Figure 9: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	13,679	0	0	13,679
Level 2	2,583	24,614	3,357	30,554
Level 3	0	0	15,769	15,769

**Total test-takers:** 60,002 - **Shifted level:** 5,940 (9.9%) - **Shifted up:** 3,357 (5.59%) - **Shifted down:** 2,583 (4.3%)

2021

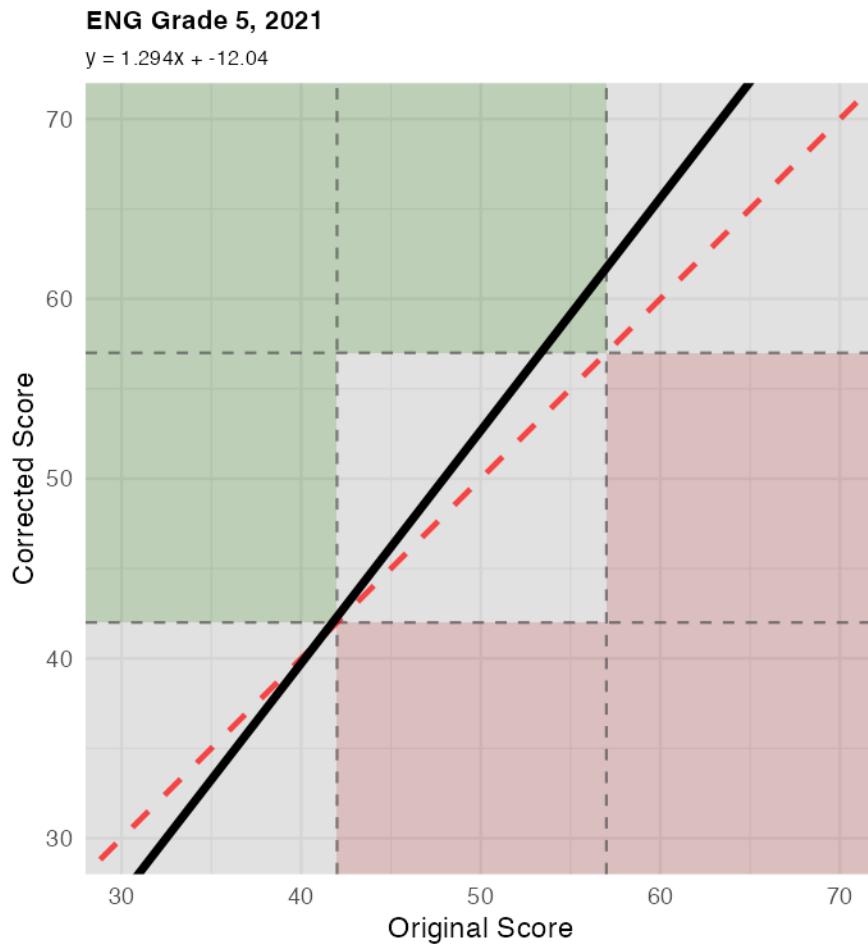


Figure 10: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	12,940	527	0	13,467
Level 2	0	22,033	6,230	28,263
Level 3	0	0	16,515	16,515

**Total test-takers:** 58,245 - **Shifted level:** 6,757 (11.6%) - **Shifted up:** 6,757 (11.6%) - **Shifted down:** 0 (0%)

## Grade 8 (8. trinn)

### Score Ranges with Level Changes

The figure below shows which score ranges resulted in different competence level assignments after correction. Green segments indicate scores that were upgraded; red segments indicate downgrades.

### **English - Grade 8**

Score ranges where competence level assignment changed after correction

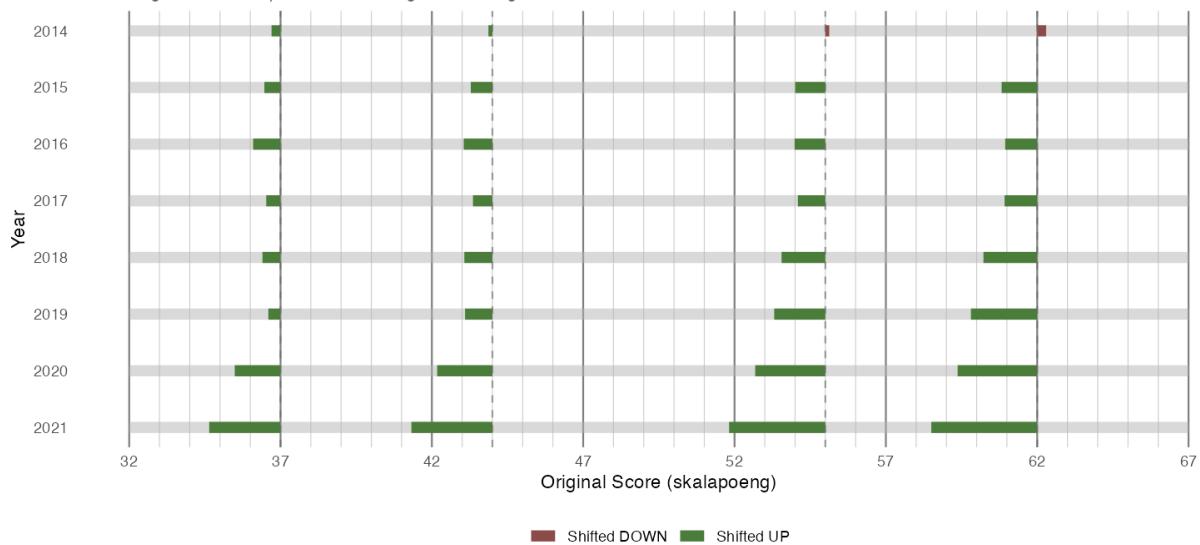


Figure 11: Discrepancy ranges

2014

**ENG Grade 8, 2014**

$$y = 0.977x + 1.14$$

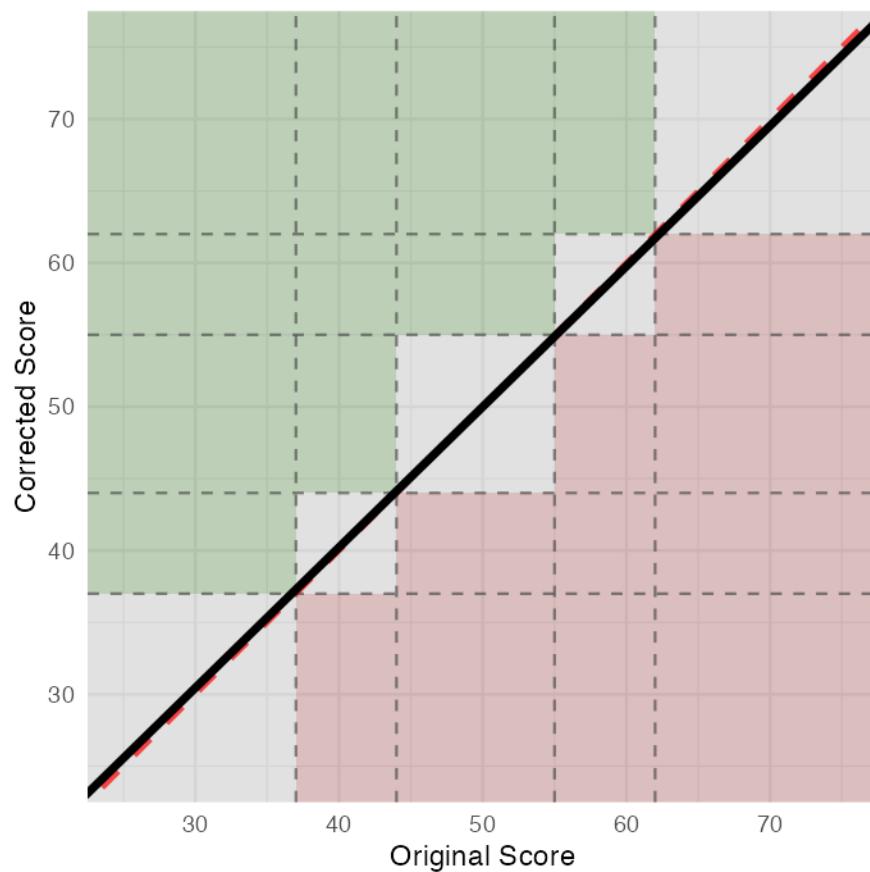


Figure 12: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	5,516	325	0	0	0	5,841
Level 2	0	11,112	234	0	0	11,346
Level 3	0	0	21,197	0	0	21,197
Level 4	0	0	242	11,435	0	11,677
Level 5	0	0	0	370	6,859	7,229

**Total test-takers:** 57,290 - **Shifted level:** 1,171 (2.04%) - **Shifted up:** 559 (0.98%) - **Shifted down:** 612 (1.07%)

2015

**ENG Grade 8, 2015**

$$y = 1.026x + -0.43$$

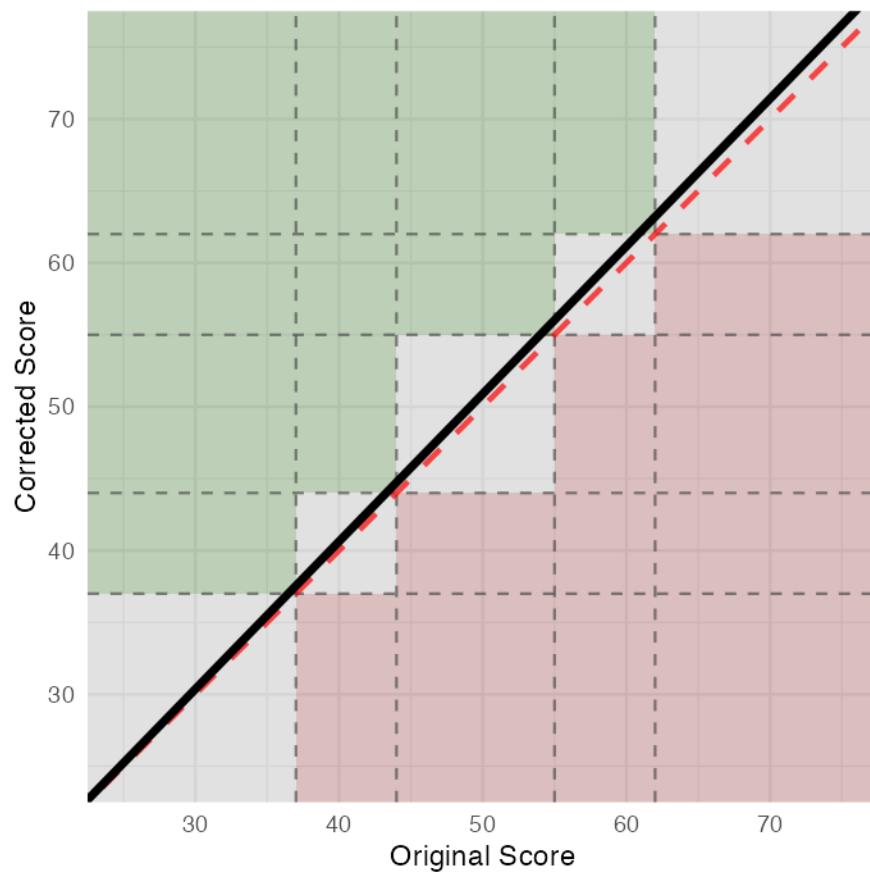


Figure 13: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	4,805	619	0	0	0	5,424
Level 2	0	9,732	1,320	0	0	11,052
Level 3	0	0	19,850	1,875	0	21,725
Level 4	0	0	0	9,603	1,526	11,129
Level 5	0	0	0	0	6,826	6,826

**Total test-takers:** 56,156 - **Shifted level:** 5,340 (9.51%) - **Shifted up:** 5,340 (9.51%) - **Shifted down:** 0 (0%)

2016

**ENG Grade 8, 2016**

$$y = 1.006x + 0.68$$

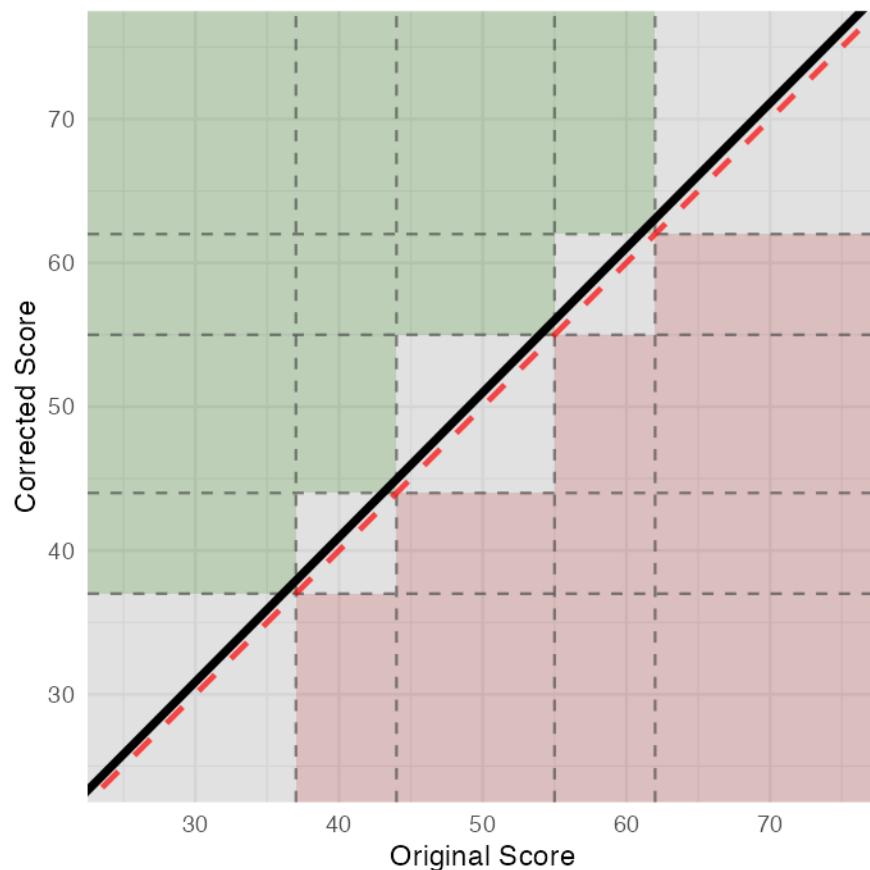


Figure 14: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	4,809	999	0	0	0	5,808
Level 2	0	8,887	1,762	0	0	10,649
Level 3	0	0	20,842	1,997	0	22,839
Level 4	0	0	0	10,421	1,457	11,878
Level 5	0	0	0	0	6,879	6,879

**Total test-takers:** 58,053 - **Shifted level:** 6,215 (10.71%) - **Shifted up:** 6,215 (10.71%) - **Shifted down:** 0 (0%)

2017

**ENG Grade 8, 2017**

$$y = 1.025x + -0.43$$

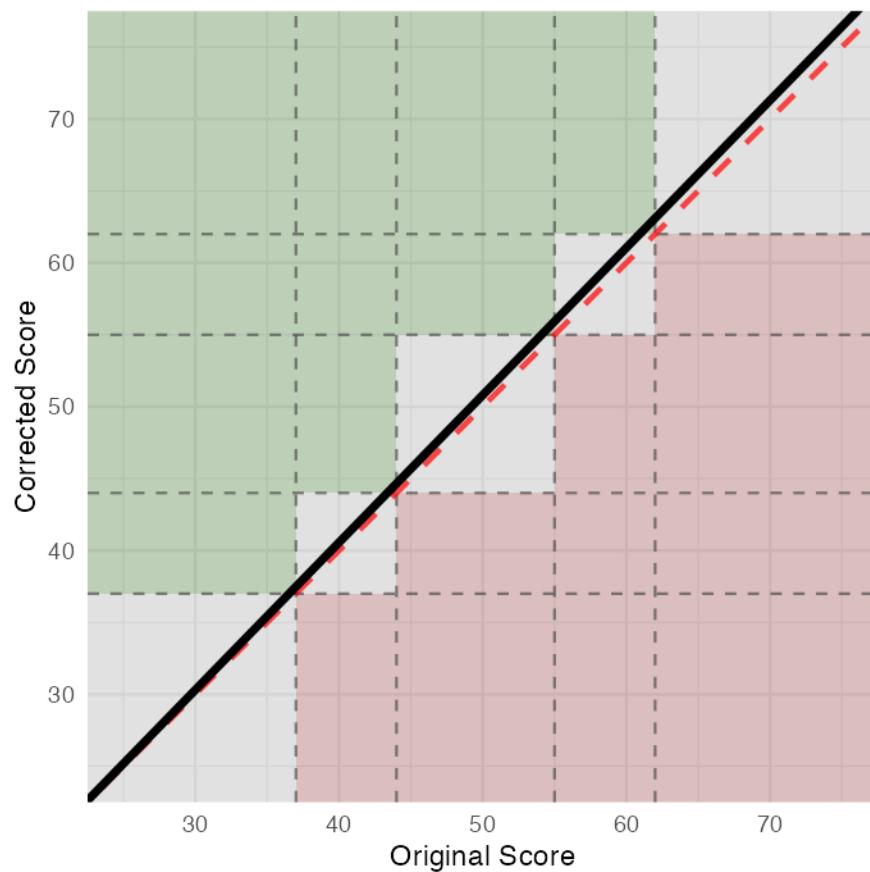


Figure 15: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	4,952	550	0	0	0	5,502
Level 2	0	10,140	1,214	0	0	11,354
Level 3	0	0	20,465	1,747	0	22,212
Level 4	0	0	0	10,895	1,596	12,491
Level 5	0	0	0	0	7,115	7,115

**Total test-takers:** 58,674 - **Shifted level:** 5,107 (8.7%) - **Shifted up:** 5,107 (8.7%) - **Shifted down:** 0 (0%)

2018

**ENG Grade 8, 2018**

$$y = 1.049x + -1.21$$

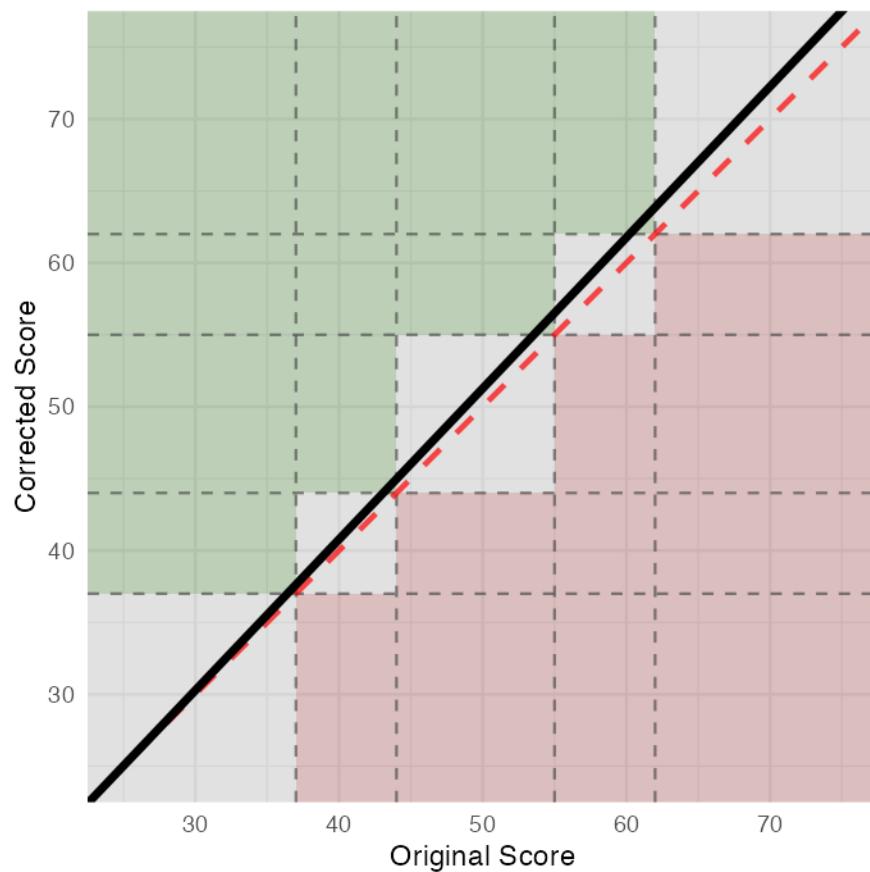


Figure 16: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	4,552	735	0	0	0	5,287
Level 2	0	9,708	1,745	0	0	11,453
Level 3	0	0	19,986	2,970	0	22,956
Level 4	0	0	0	9,278	2,498	11,776
Level 5	0	0	0	0	7,290	7,290

**Total test-takers:** 58,762 - **Shifted level:** 7,948 (13.53%) - **Shifted up:** 7,948 (13.53%) - **Shifted down:** 0 (0%)

2019

**ENG Grade 8, 2019**

$$y = 1.077x + -2.42$$

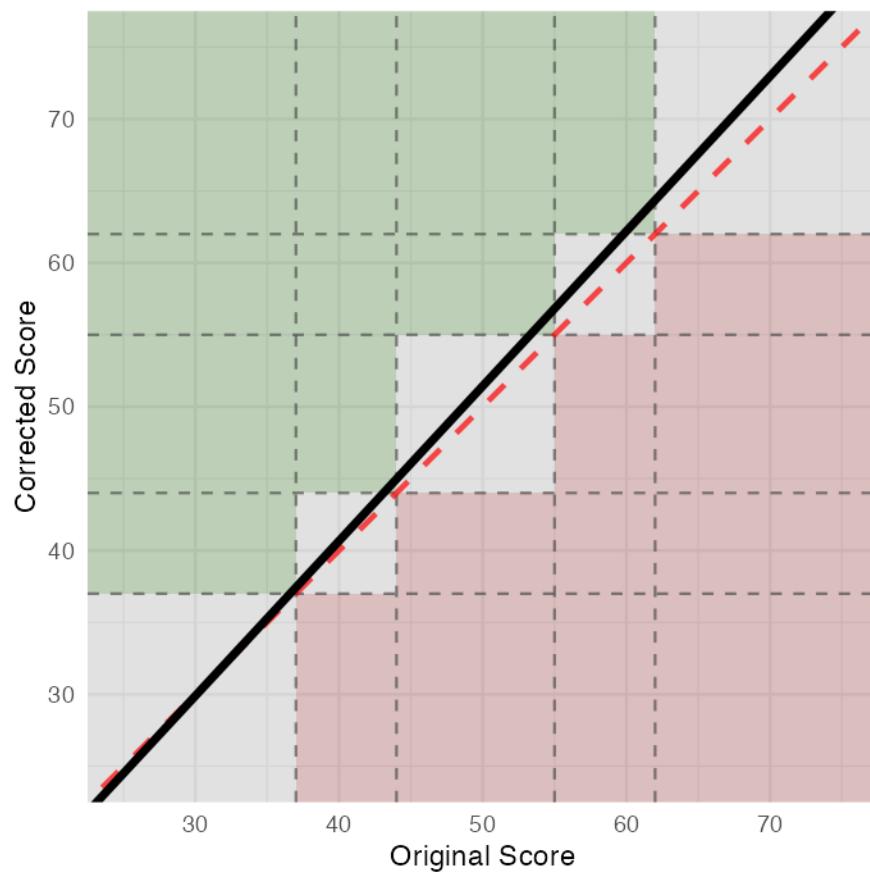


Figure 17: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	5,124	446	0	0	0	5,570
Level 2	0	9,748	1,784	0	0	11,532
Level 3	0	0	20,062	3,448	0	23,510
Level 4	0	0	0	8,676	3,228	11,904
Level 5	0	0	0	0	7,649	7,649

**Total test-takers:** 60,165 - **Shifted level:** 8,906 (14.8%) - **Shifted up:** 8,906 (14.8%) - **Shifted down:** 0 (0%)

2020

**ENG Grade 8, 2020**

$$y = 1.047x + -0.15$$

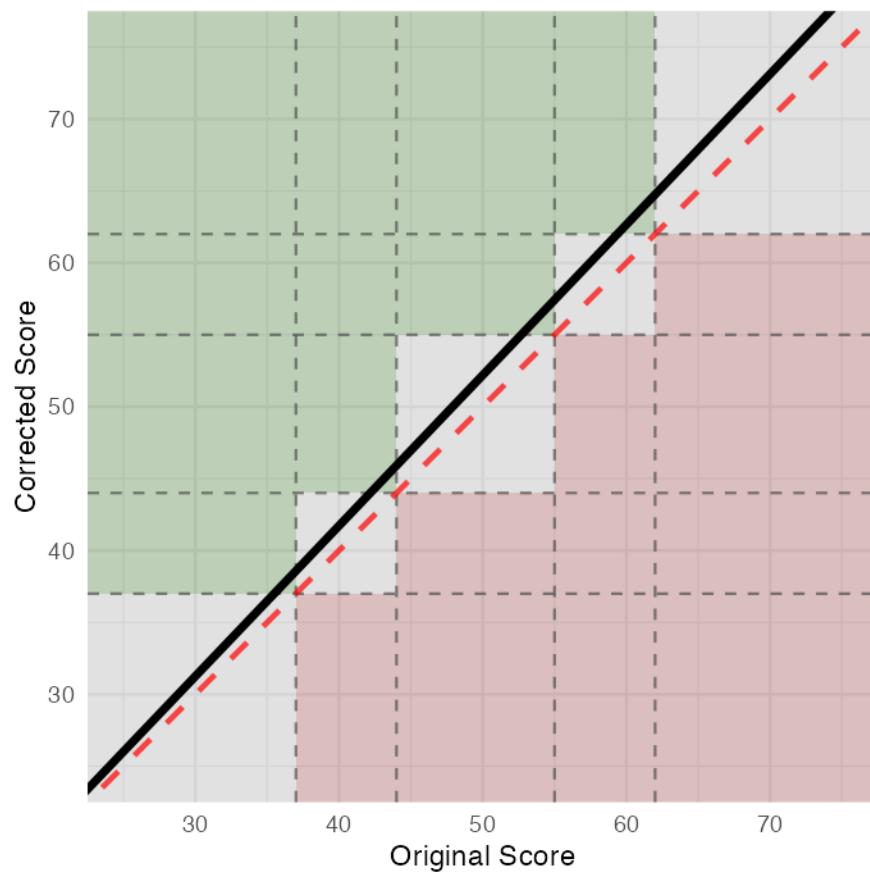


Figure 18: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	4,188	1,694	0	0	0	5,882
Level 2	0	7,426	3,277	0	0	10,703
Level 3	0	0	18,502	5,124	0	23,626
Level 4	0	0	0	8,556	4,168	12,724
Level 5	0	0	0	0	6,952	6,952

**Total test-takers:** 59,887 - **Shifted level:** 14,263 (23.82%) - **Shifted up:** 14,263 (23.82%) - **Shifted down:** 0 (0%)

2021

**ENG Grade 8, 2021**

$$y = 1.048x + 0.70$$

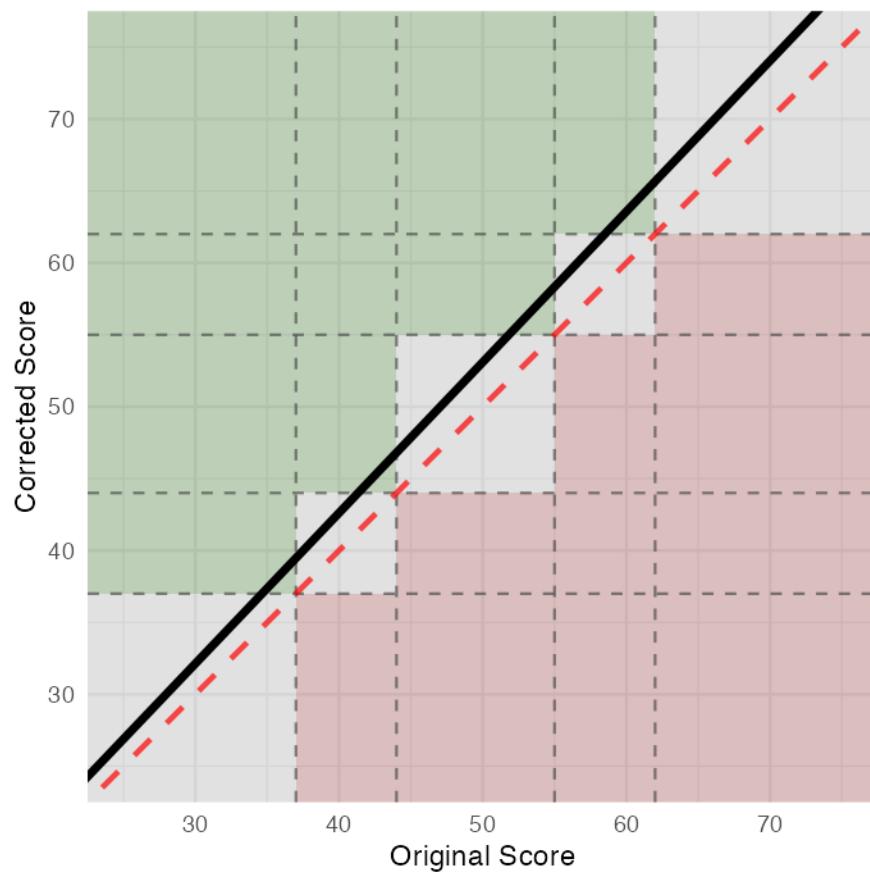


Figure 19: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	3,099	2,366	0	0	0	5,465
Level 2	0	6,262	5,033	0	0	11,295
Level 3	0	0	16,813	7,332	0	24,145
Level 4	0	0	0	7,227	6,114	13,341
Level 5	0	0	0	0	7,284	7,284

**Total test-takers:** 61,530 - **Shifted level:** 20,845 (33.88%) - **Shifted up:** 20,845 (33.88%) - **Shifted down:** 0 (0%)

## Mathematics (Regning)

### Grade 5 (5. trinn)

#### Score Ranges with Level Changes

The figure below shows which score ranges resulted in different competence level assignments after correction. Green segments indicate scores that were upgraded; red segments indicate downgrades.



Figure 20: Discrepancy ranges

2014

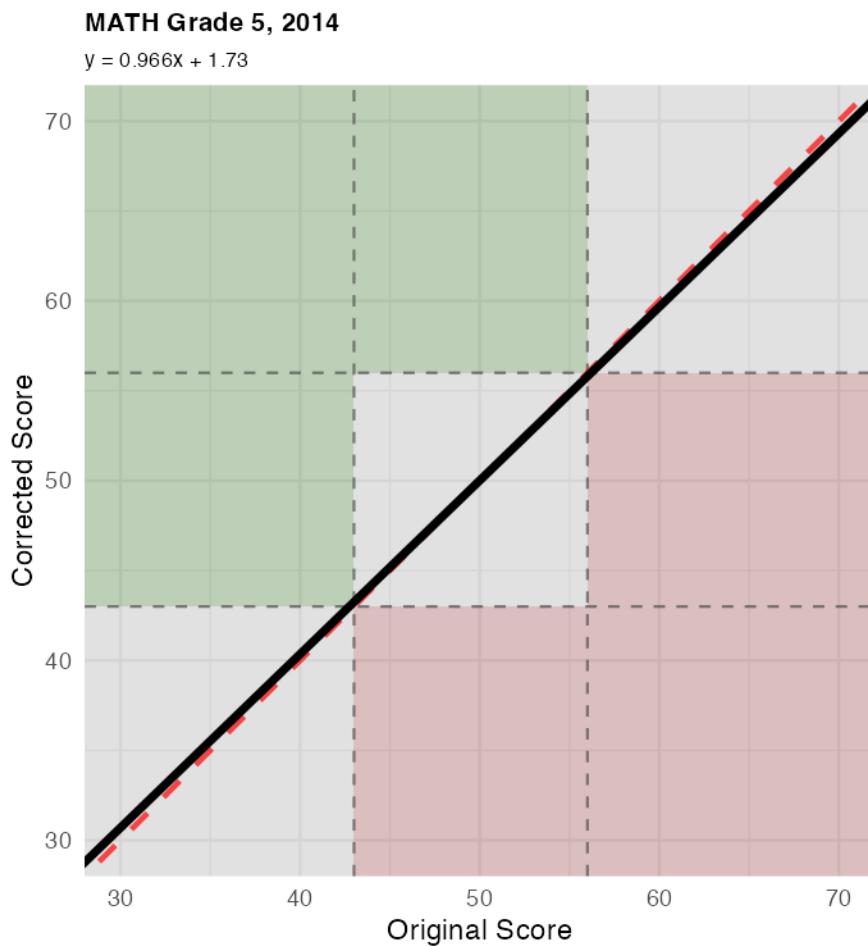


Figure 21: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	14,559	503	0	15,062
Level 2	0	26,540	0	26,540
Level 3	0	348	15,279	15,627

**Total test-takers:** 57,229 - **Shifted level:** 851 (1.49%) - **Shifted up:** 503 (0.88%) - **Shifted down:** 348 (0.61%)

2015

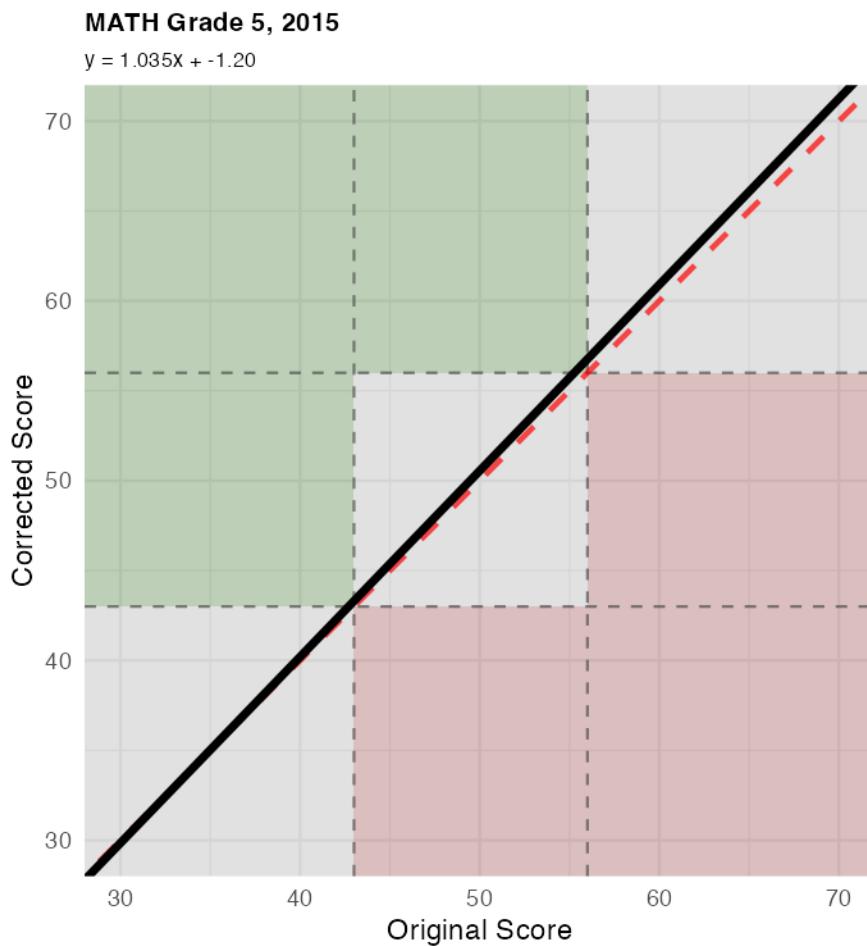


Figure 22: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	13,968	596	0	14,564
Level 2	0	25,901	1,286	27,187
Level 3	0	0	15,374	15,374

**Total test-takers:** 57,125 - **Shifted level:** 1,882 (3.29%) - **Shifted up:** 1,882 (3.29%) - **Shifted down:** 0 (0%)

2016

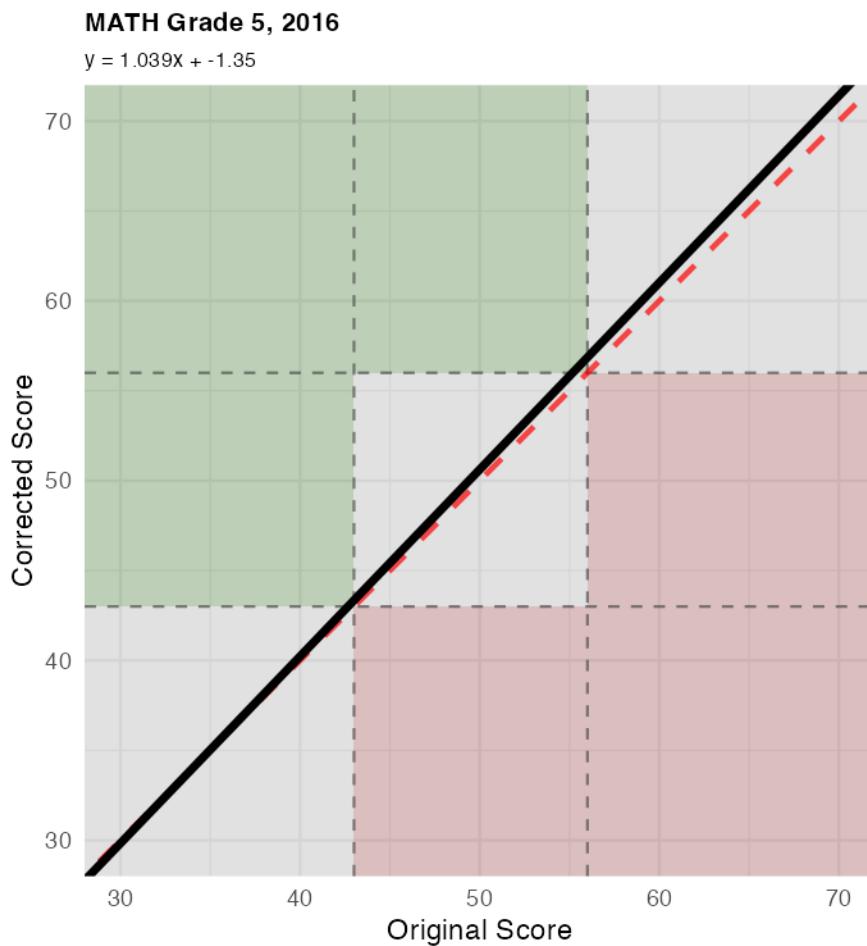


Figure 23: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	13,934	716	0	14,650
Level 2	0	26,979	1,604	28,583
Level 3	0	0	15,607	15,607

**Total test-takers:** 58,840 - **Shifted level:** 2,320 (3.94%) - **Shifted up:** 2,320 (3.94%) - **Shifted down:** 0 (0%)

2017

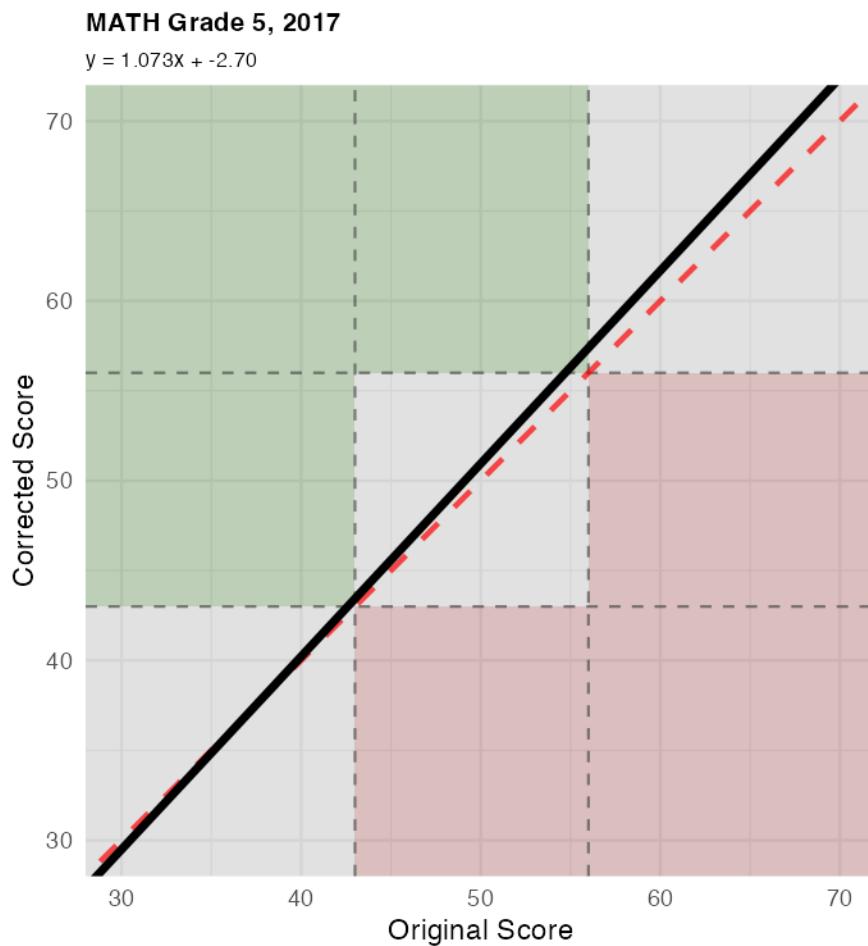


Figure 24: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	13,690	844	0	14,534
Level 2	0	25,693	2,547	28,240
Level 3	0	0	15,926	15,926

**Total test-takers:** 58,700 - **Shifted level:** 3,391 (5.78%) - **Shifted up:** 3,391 (5.78%) - **Shifted down:** 0 (0%)

2018

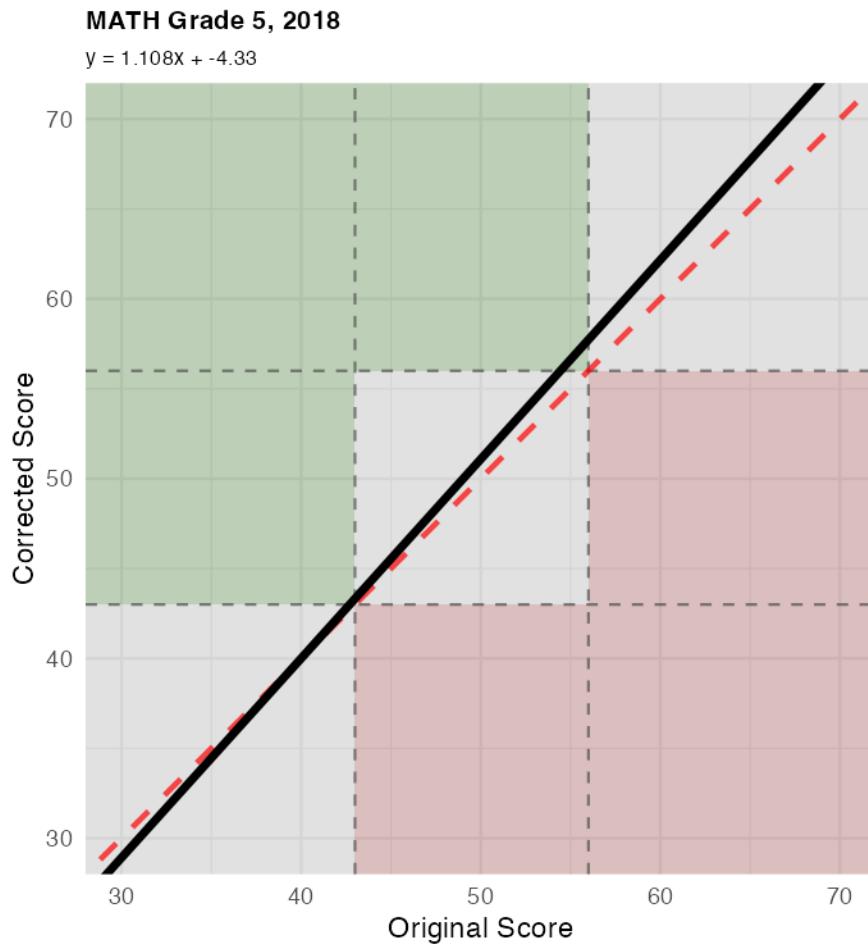


Figure 25: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	14,356	577	0	14,933
Level 2	0	25,996	3,153	29,149
Level 3	0	0	16,398	16,398

**Total test-takers:** 60,480 - **Shifted level:** 3,730 (6.17%) - **Shifted up:** 3,730 (6.17%) - **Shifted down:** 0 (0%)

2019

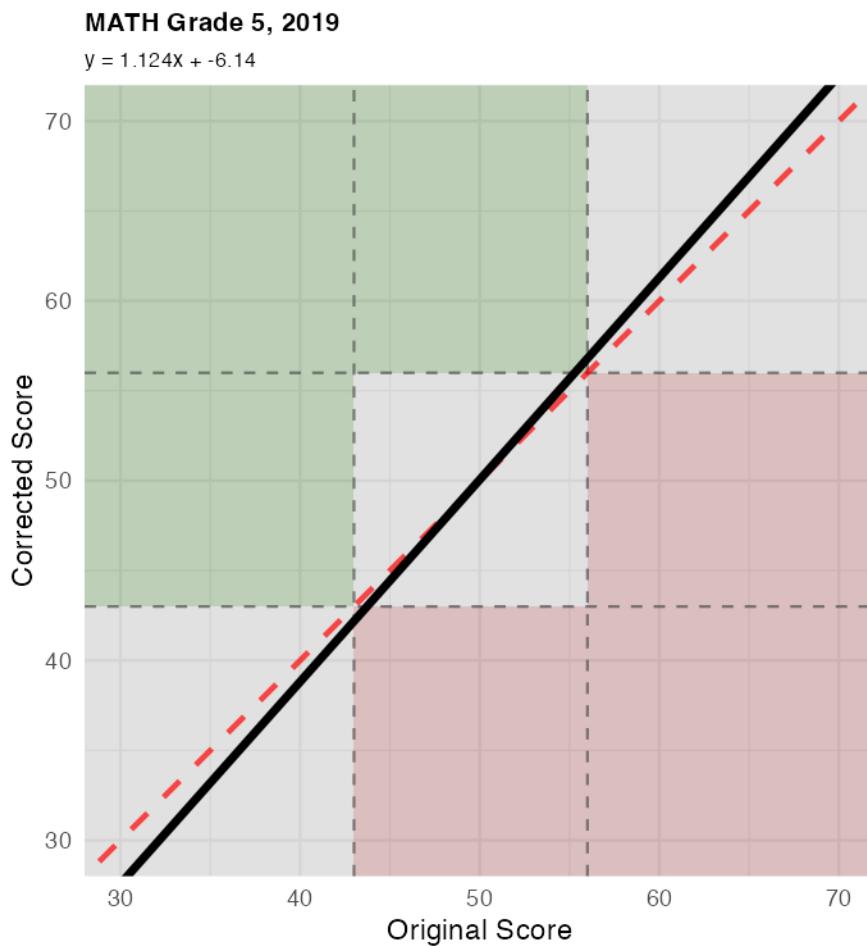


Figure 26: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	15,619	0	0	15,619
Level 2	1,521	26,108	1,471	29,100
Level 3	0	0	16,635	16,635

**Total test-takers:** 61,354 - **Shifted level:** 2,992 (4.88%) - **Shifted up:** 1,471 (2.4%) - **Shifted down:** 1,521 (2.48%)

2020

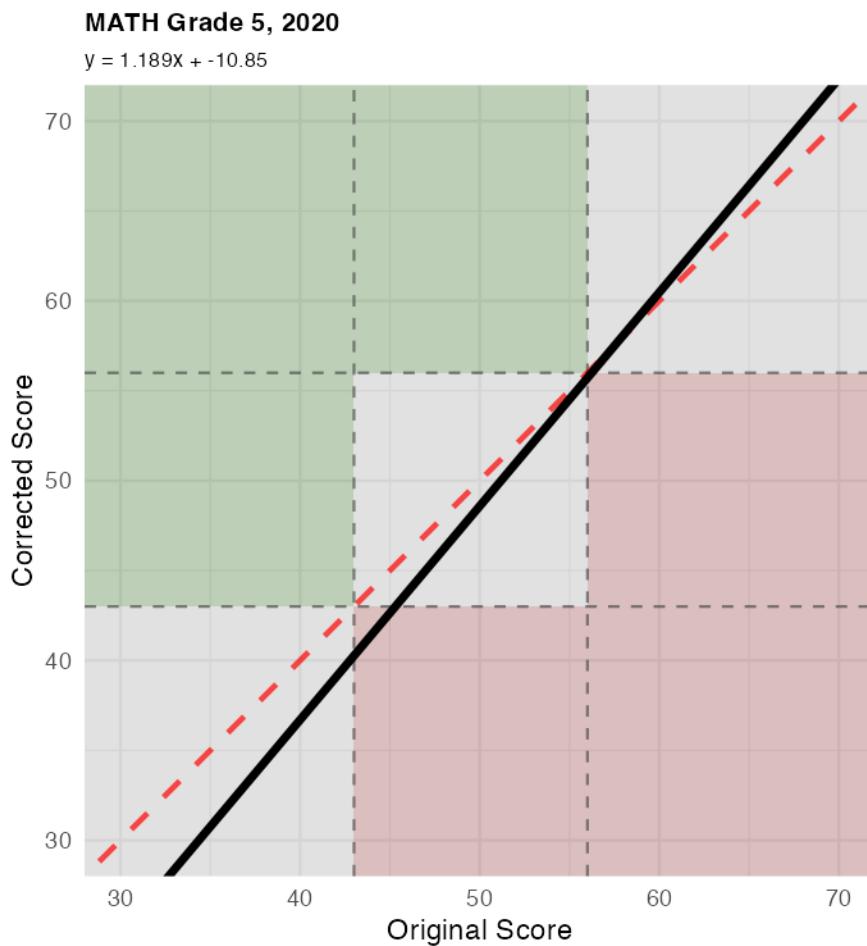


Figure 27: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	15,539	0	0	15,539
Level 2	5,145	24,170	0	29,315
Level 3	0	458	15,138	15,596

**Total test-takers:** 60,450 - **Shifted level:** 5,603 (9.27%) - **Shifted up:** 0 (0%) - **Shifted down:** 5,603 (9.27%)

2021

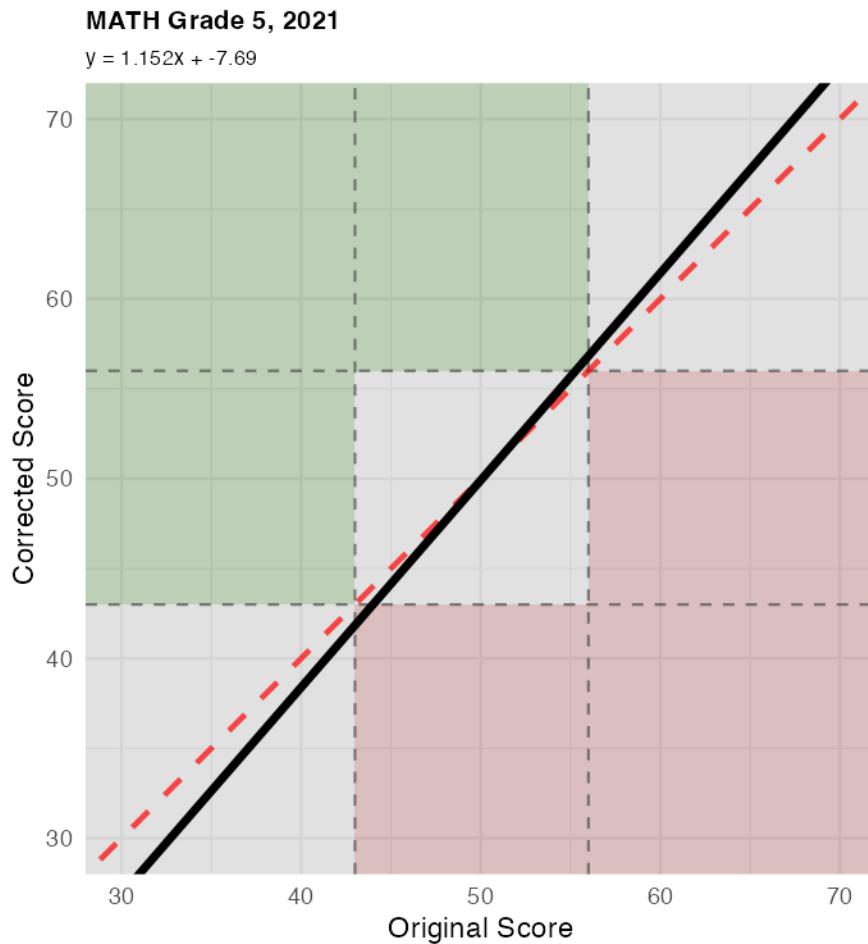


Figure 28: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	14,580	0	0	14,580
Level 2	1,918	24,854	1,400	28,172
Level 3	0	0	15,824	15,824

**Total test-takers:** 58,576 - **Shifted level:** 3,318 (5.66%) - **Shifted up:** 1,400 (2.39%) - **Shifted down:** 1,918 (3.27%)

### Grade 8 (8. trinn)

#### Score Ranges with Level Changes

The figure below shows which score ranges resulted in different competence level assignments after correction. Green segments indicate scores that were upgraded; red segments indicate downgrades.

### Mathematics - Grade 8

Score ranges where competence level assignment changed after correction

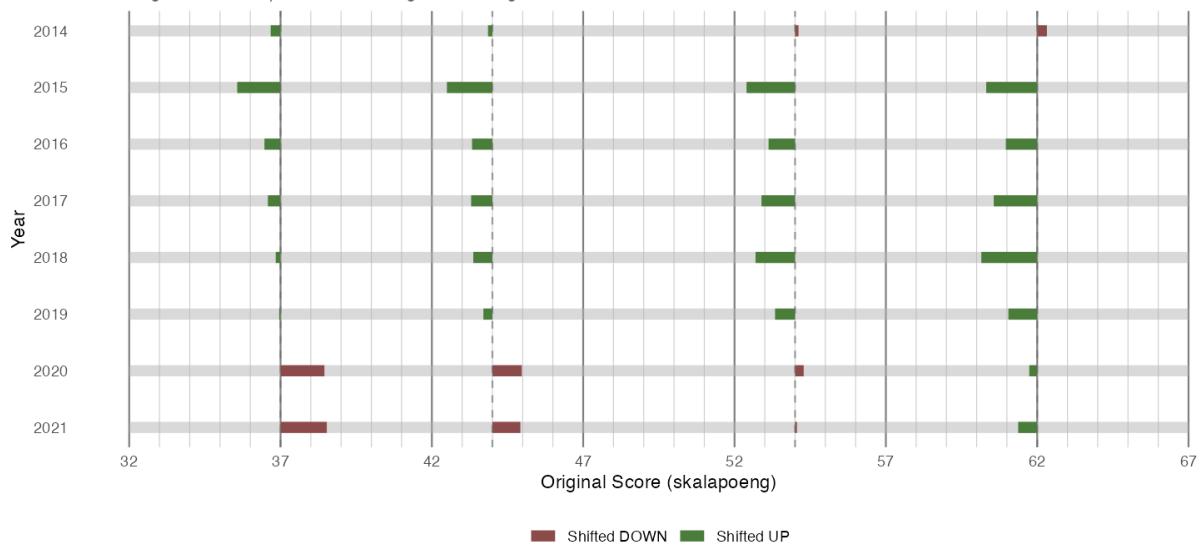


Figure 29: Discrepancy ranges

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2014

**MATH Grade 8, 2014**

$$y = 0.975x + 1.25$$

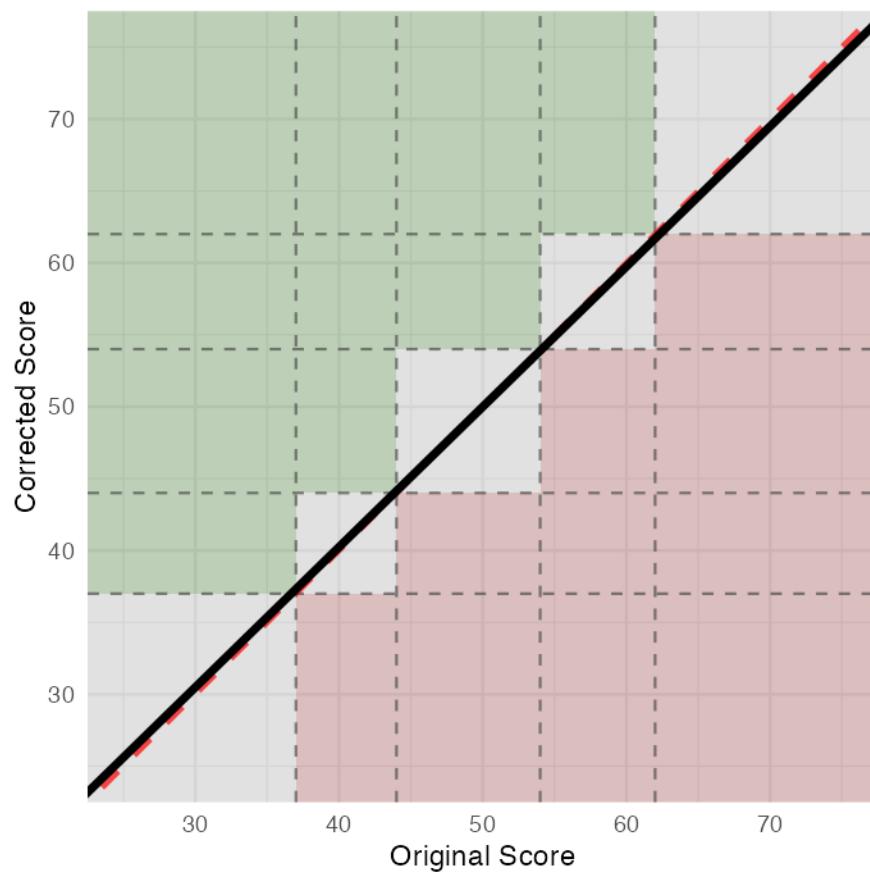


Figure 30: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	5,511	391	0	0	0	5,902
Level 2	0	10,298	261	0	0	10,559
Level 3	0	0	21,151	0	0	21,151
Level 4	0	0	217	12,742	0	12,959
Level 5	0	0	0	344	6,526	6,870

**Total test-takers:** 57,441 - **Shifted level:** 1,213 (2.11%) - **Shifted up:** 652 (1.14%) - **Shifted down:** 561 (0.98%)

2015

**MATH Grade 8, 2015**

$$y = 1.010x + 1.07$$

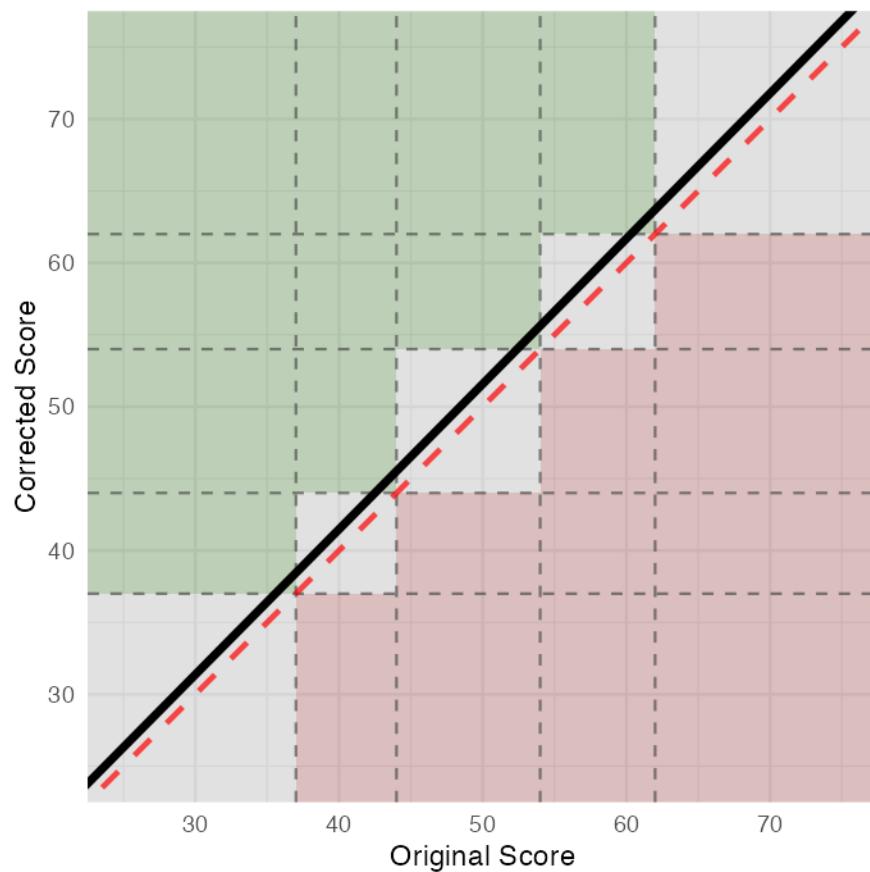


Figure 31: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	3,526	1,336	0	0	0	4,862
Level 2	0	7,866	2,868	0	0	10,734
Level 3	0	0	17,967	3,246	0	21,213
Level 4	0	0	0	10,616	2,108	12,724
Level 5	0	0	0	0	6,761	6,761

**Total test-takers:** 56,294 - **Shifted level:** 9,558 (16.98%) - **Shifted up:** 9,558 (16.98%) - **Shifted down:** 0 (0%)

2016

**MATH Grade 8, 2016**

$$y = 1.021x + -0.22$$

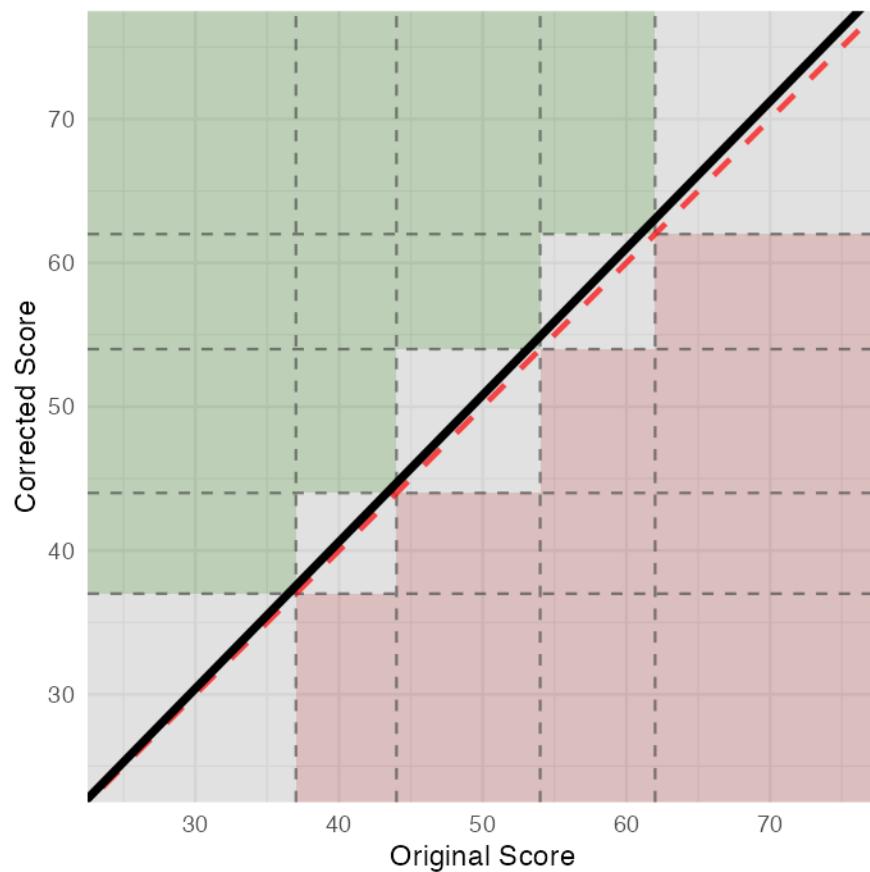


Figure 32: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	4,244	605	0	0	0	4,849
Level 2	0	9,958	1,377	0	0	11,335
Level 3	0	0	20,926	1,815	0	22,741
Level 4	0	0	0	11,290	1,178	12,468
Level 5	0	0	0	0	6,816	6,816

**Total test-takers:** 58,209 - **Shifted level:** 4,975 (8.55%) - **Shifted up:** 4,975 (8.55%) - **Shifted down:** 0 (0%)

2017

**MATH Grade 8, 2017**

$$y = 1.042x + -1.14$$

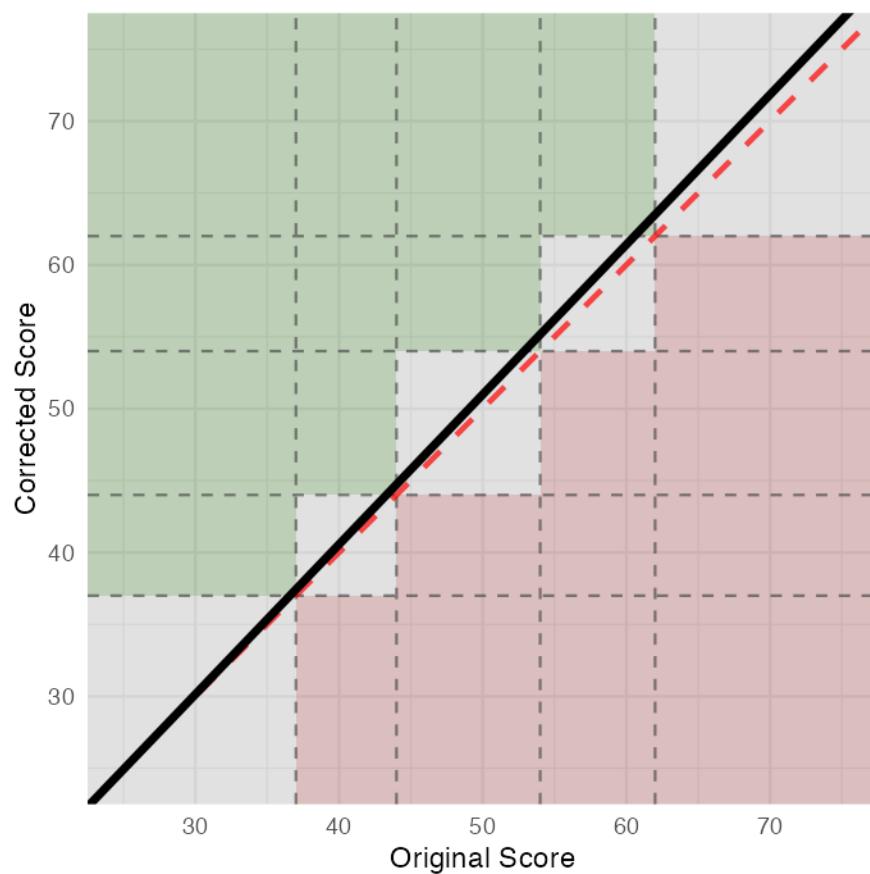


Figure 33: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	4,617	492	0	0	0	5,109
Level 2	0	10,037	1,457	0	0	11,494
Level 3	0	0	19,880	2,368	0	22,248
Level 4	0	0	0	11,389	1,805	13,194
Level 5	0	0	0	0	6,963	6,963

**Total test-takers:** 59,008 - **Shifted level:** 6,122 (10.37%) - **Shifted up:** 6,122 (10.37%) - **Shifted down:** 0 (0%)

2018

**MATH Grade 8, 2018**

$$y = 1.072x + -2.51$$

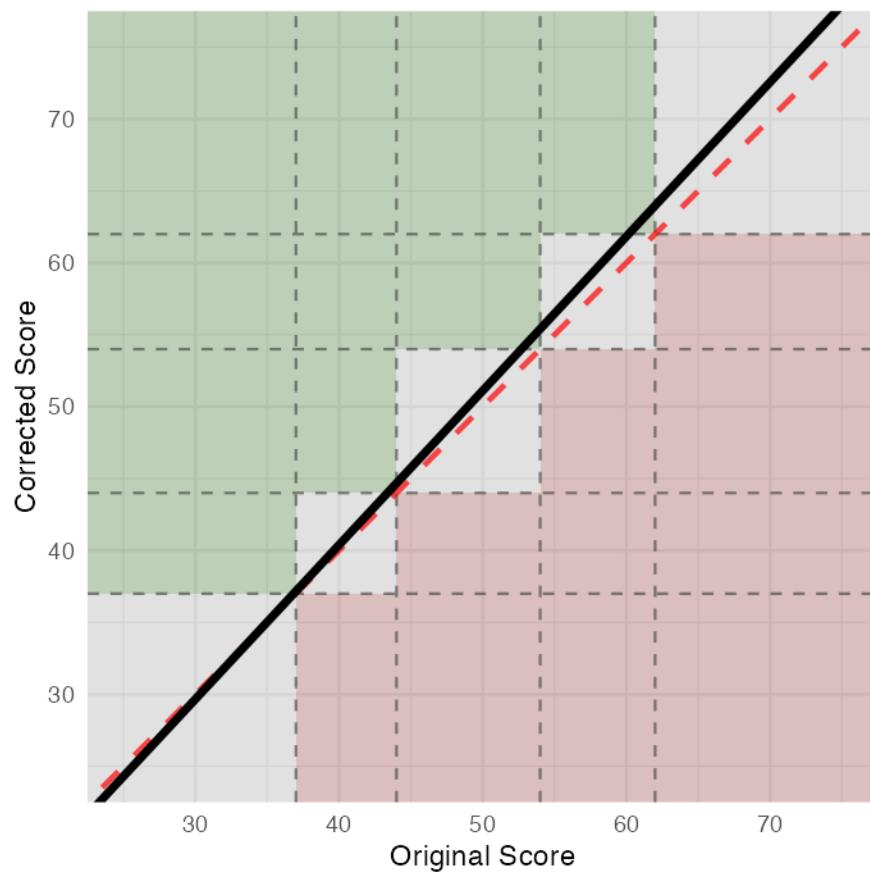


Figure 34: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	5,469	159	0	0	0	5,628
Level 2	0	9,671	1,227	0	0	10,898
Level 3	0	0	19,132	2,931	0	22,063
Level 4	0	0	0	11,233	2,576	13,809
Level 5	0	0	0	0	6,656	6,656

**Total test-takers:** 59,054 - **Shifted level:** 6,893 (11.67%) - **Shifted up:** 6,893 (11.67%) - **Shifted down:** 0 (0%)

2019

**MATH Grade 8, 2019**

$$y = 1.038x + -1.35$$

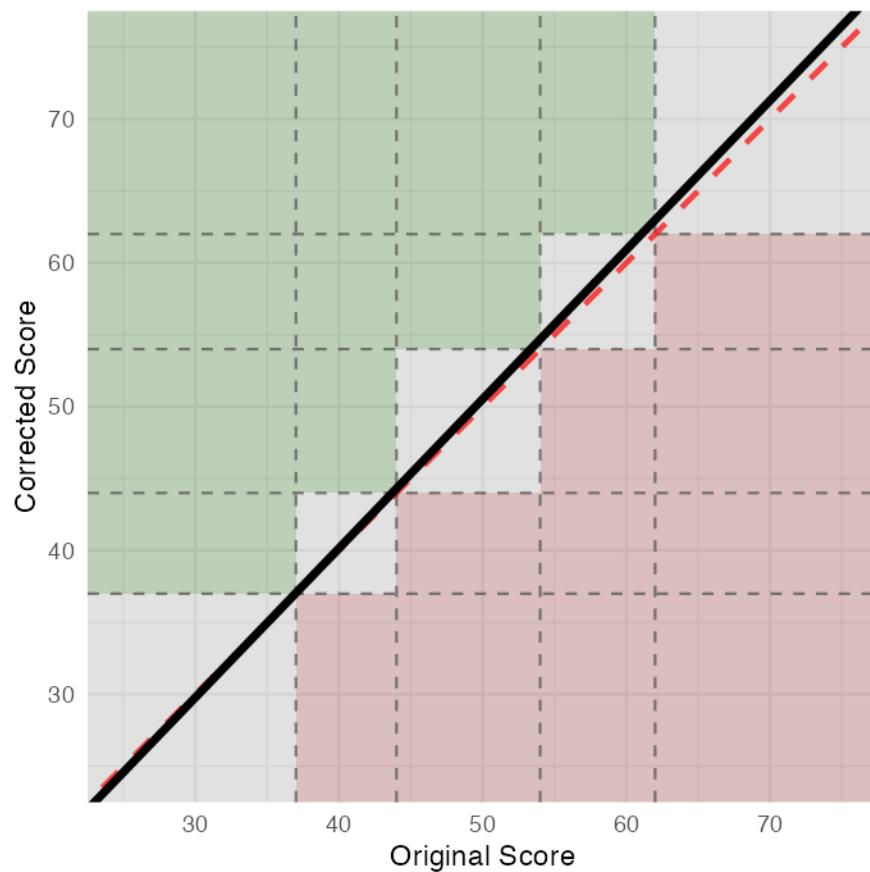


Figure 35: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	4,957	69	0	0	0	5,026
Level 2	0	11,740	629	0	0	12,369
Level 3	0	0	21,958	1,426	0	23,384
Level 4	0	0	0	11,998	1,064	13,062
Level 5	0	0	0	0	6,728	6,728

**Total test-takers:** 60,569 - **Shifted level:** 3,188 (5.26%) - **Shifted up:** 3,188 (5.26%) - **Shifted down:** 0 (0%)

2020

**MATH Grade 8, 2020**

$$y = 1.073x + -4.28$$

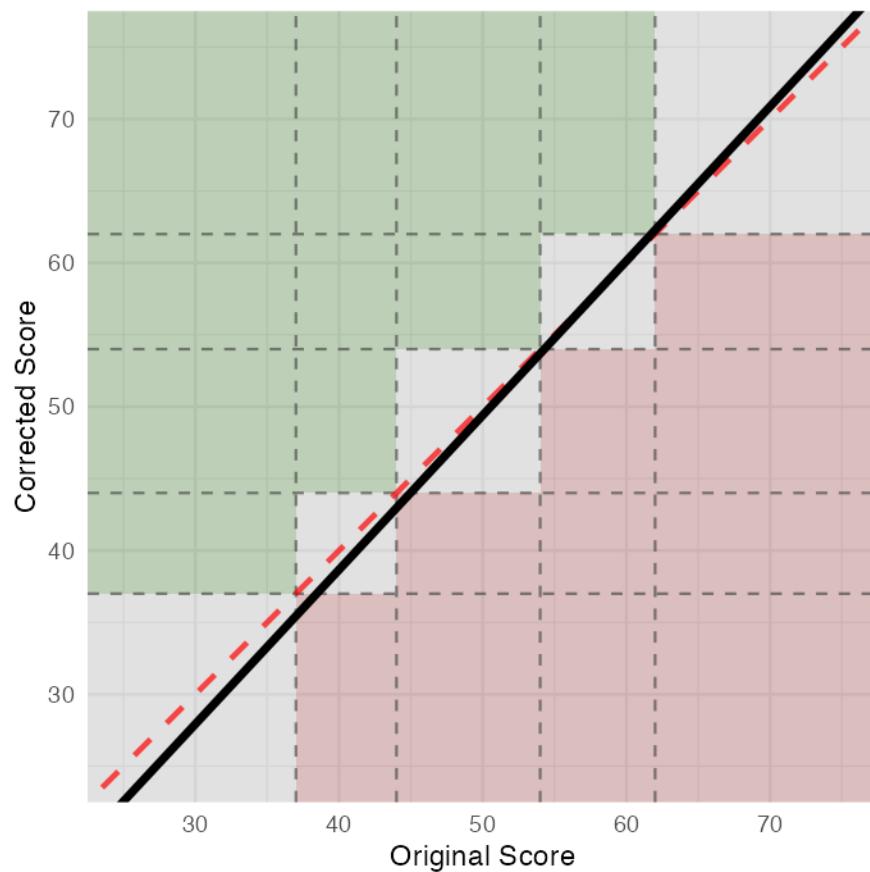


Figure 36: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	5,191	0	0	0	0	5,191
Level 2	1,950	10,429	0	0	0	12,379
Level 3	0	2,192	21,088	0	0	23,280
Level 4	0	0	592	11,690	294	12,576
Level 5	0	0	0	0	6,754	6,754

**Total test-takers:** 60,180 - **Shifted level:** 5,028 (8.35%) - **Shifted up:** 294 (0.49%) - **Shifted down:** 4,734 (7.87%)

2021

**MATH Grade 8, 2021**

$$y = 1.094x + -5.17$$

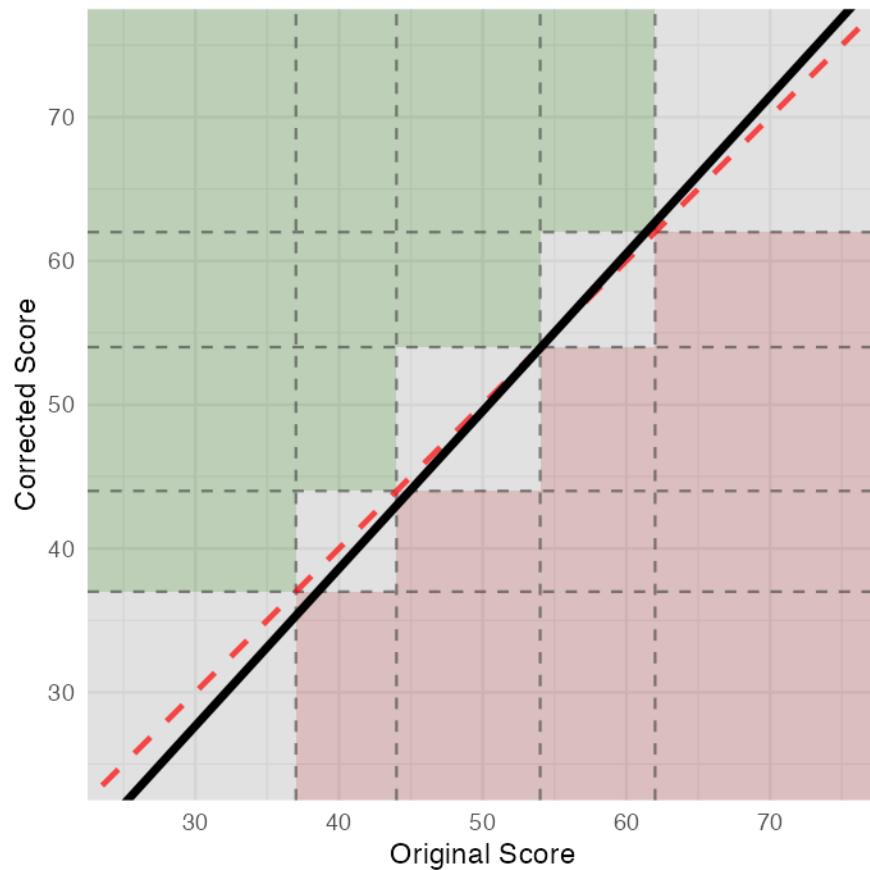


Figure 37: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	5,675	0	0	0	0	5,675
Level 2	1,928	10,074	0	0	0	12,002
Level 3	0	2,080	21,629	0	0	23,709
Level 4	0	0	160	12,645	788	13,593
Level 5	0	0	0	0	6,698	6,698

**Total test-takers:** 61,677 - **Shifted level:** 4,956 (8.04%) - **Shifted up:** 788 (1.28%) - **Shifted down:** 4,168 (6.76%)

## Reading (Lesing)

### Grade 5 (5. trinn)

#### Score Ranges with Level Changes

The figure below shows which score ranges resulted in different competence level assignments after correction. Green segments indicate scores that were upgraded; red segments indicate downgrades.

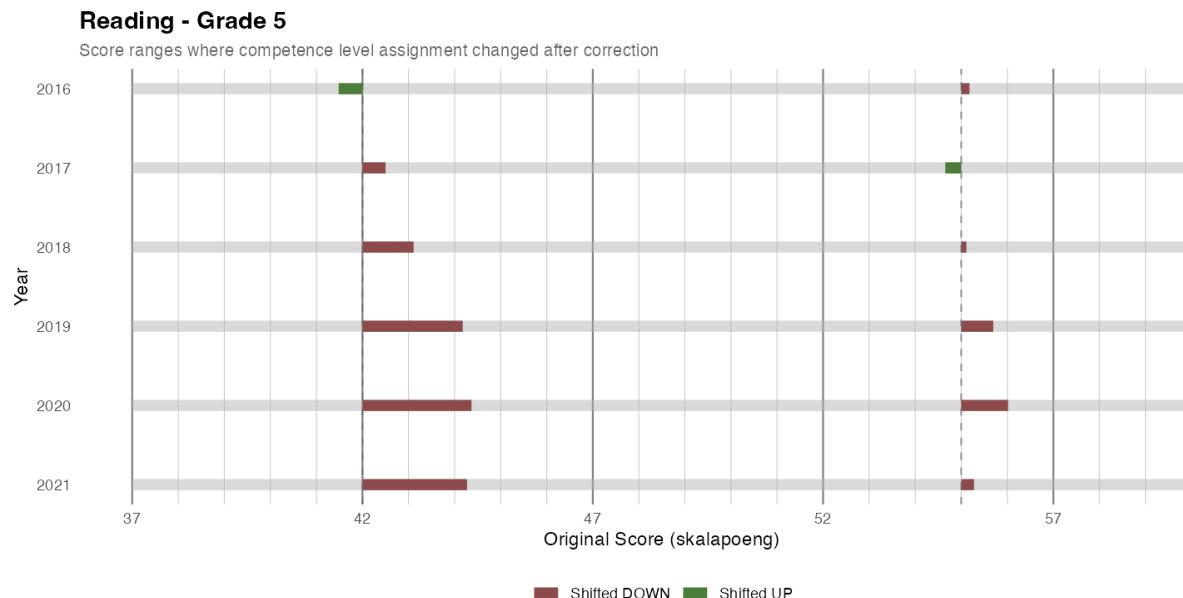


Figure 38: Discrepancy ranges

2016

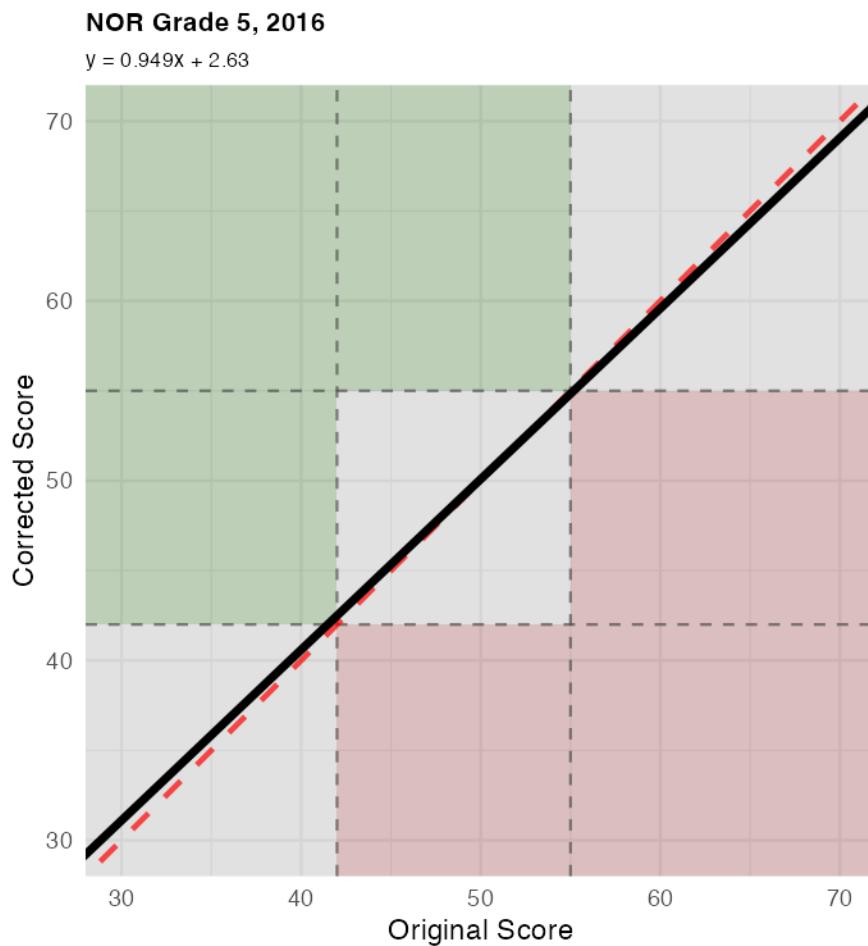


Figure 39: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	12,770	1,011	0	13,781
Level 2	0	26,238	0	26,238
Level 3	0	333	17,957	18,290

**Total test-takers:** 58,309 - **Shifted level:** 1,344 (2.3%) - **Shifted up:** 1,011 (1.73%) - **Shifted down:** 333 (0.57%)

2017

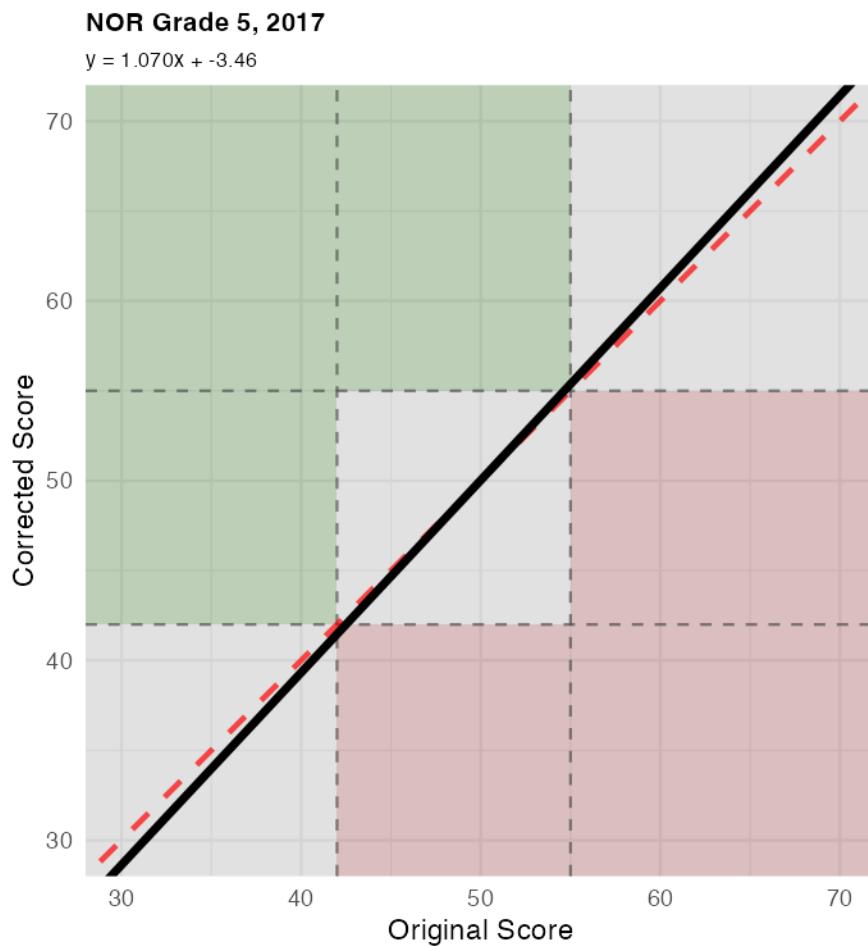


Figure 40: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	12,773	0	0	12,773
Level 2	1,033	25,584	668	27,285
Level 3	0	0	18,120	18,120

**Total test-takers:** 58,178 - **Shifted level:** 1,701 (2.92%) - **Shifted up:** 668 (1.15%) - **Shifted down:** 1,033 (1.78%)

2018

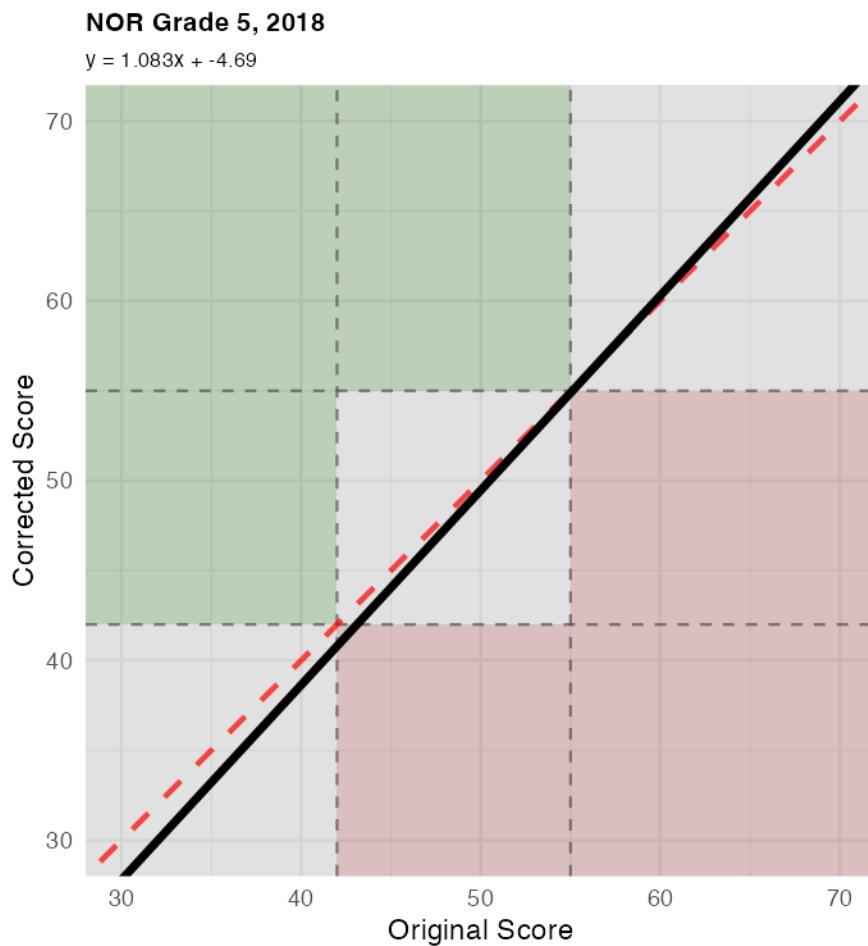


Figure 41: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	12,813	0	0	12,813
Level 2	2,356	26,549	0	28,905
Level 3	0	228	17,846	18,074

**Total test-takers:** 59,792 - **Shifted level:** 2,584 (4.32%) - **Shifted up:** 0 (0%) - **Shifted down:** 2,584 (4.32%)

2019

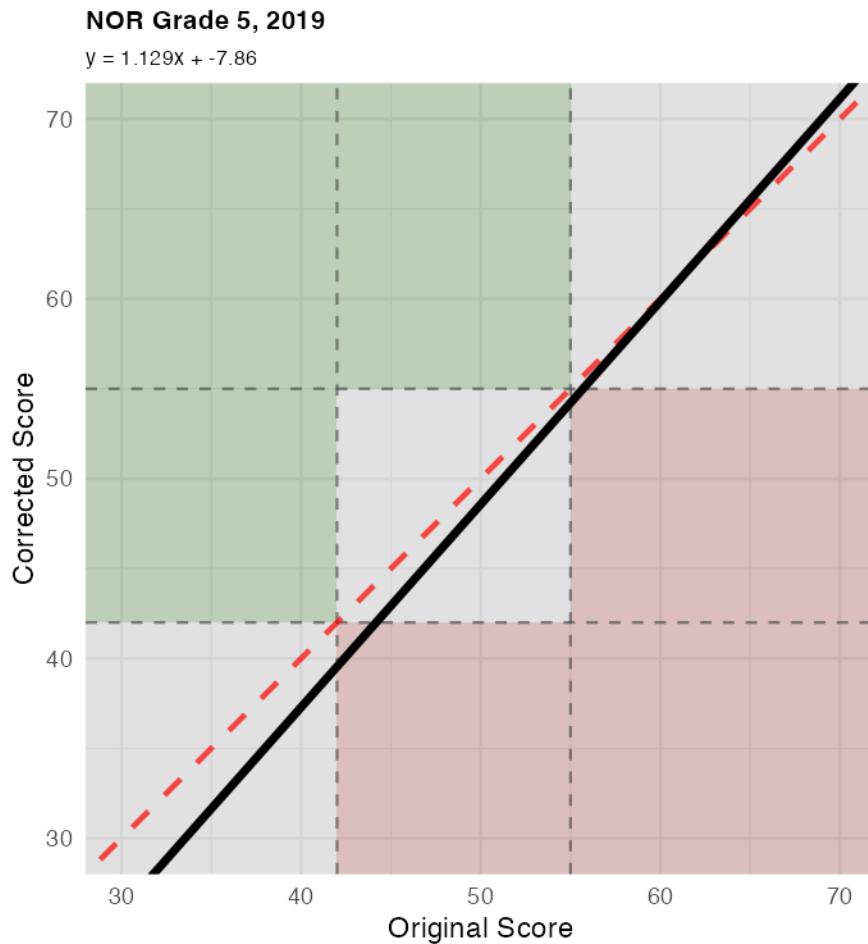


Figure 42: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	12,813	0	0	12,813
Level 2	4,920	25,342	0	30,262
Level 3	0	1,336	16,288	17,624

**Total test-takers:** 60,699 - **Shifted level:** 6,256 (10.31%) - **Shifted up:** 0 (0%) - **Shifted down:** 6,256 (10.31%)

2020

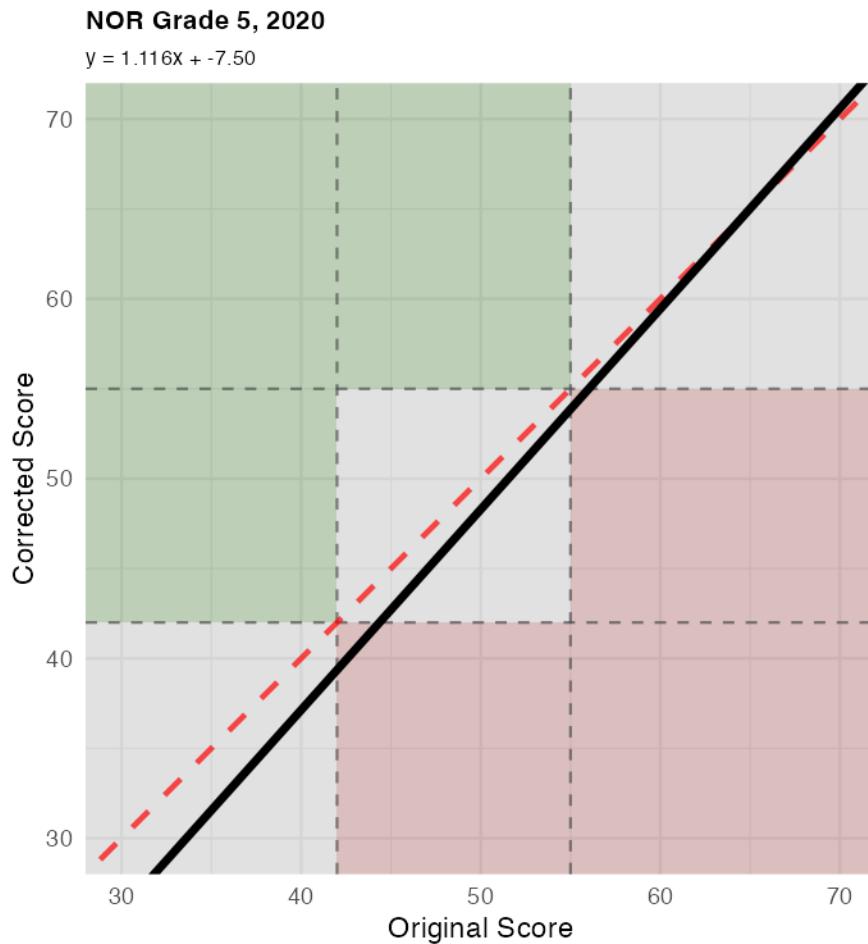


Figure 43: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	12,820	0	0	12,820
Level 2	5,429	24,194	0	29,623
Level 3	0	1,932	15,477	17,409

**Total test-takers:** 59,852 - **Shifted level:** 7,361 (12.3%) - **Shifted up:** 0 (0%) - **Shifted down:** 7,361 (12.3%)

2021

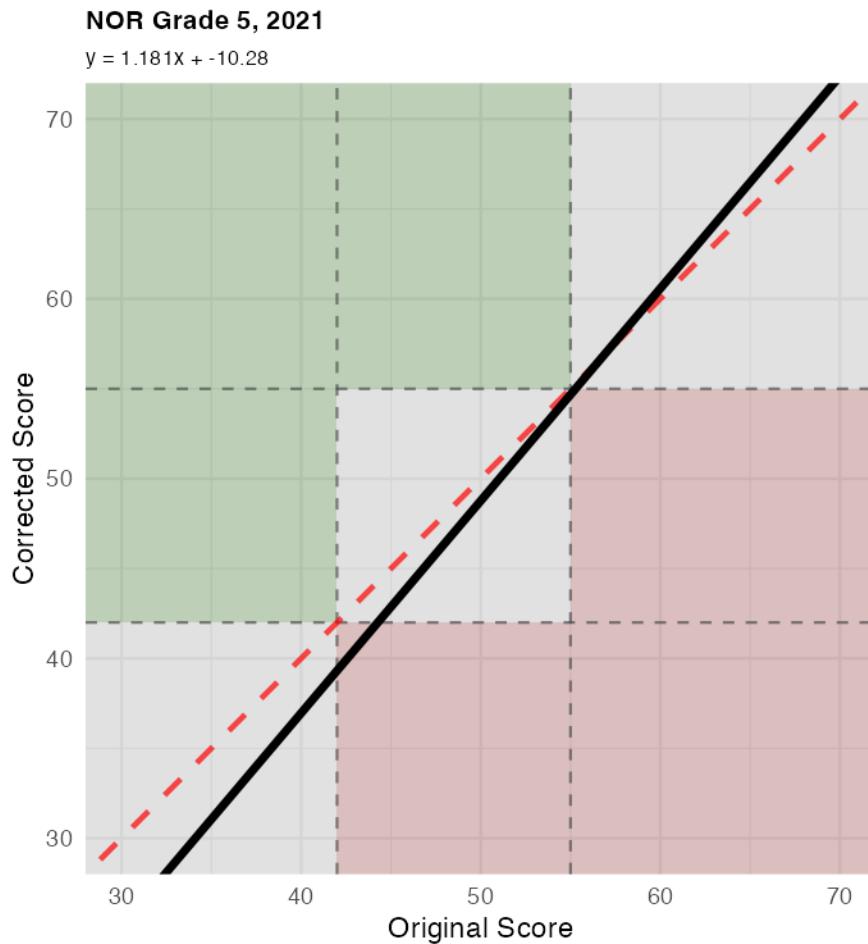


Figure 44: Transformation plot

Original	Level 1	Level 2	Level 3	Total
Level 1	12,155	0	0	12,155
Level 2	4,983	24,146	0	29,129
Level 3	0	576	16,141	16,717

**Total test-takers:** 58,001 - **Shifted level:** 5,559 (9.58%) - **Shifted up:** 0 (0%) - **Shifted down:** 5,559 (9.58%)

## Grade 8 (8. trinn)

### Score Ranges with Level Changes

The figure below shows which score ranges resulted in different competence level assignments after correction. Green segments indicate scores that were upgraded; red segments indicate downgrades.

### Reading - Grade 8

Score ranges where competence level assignment changed after correction

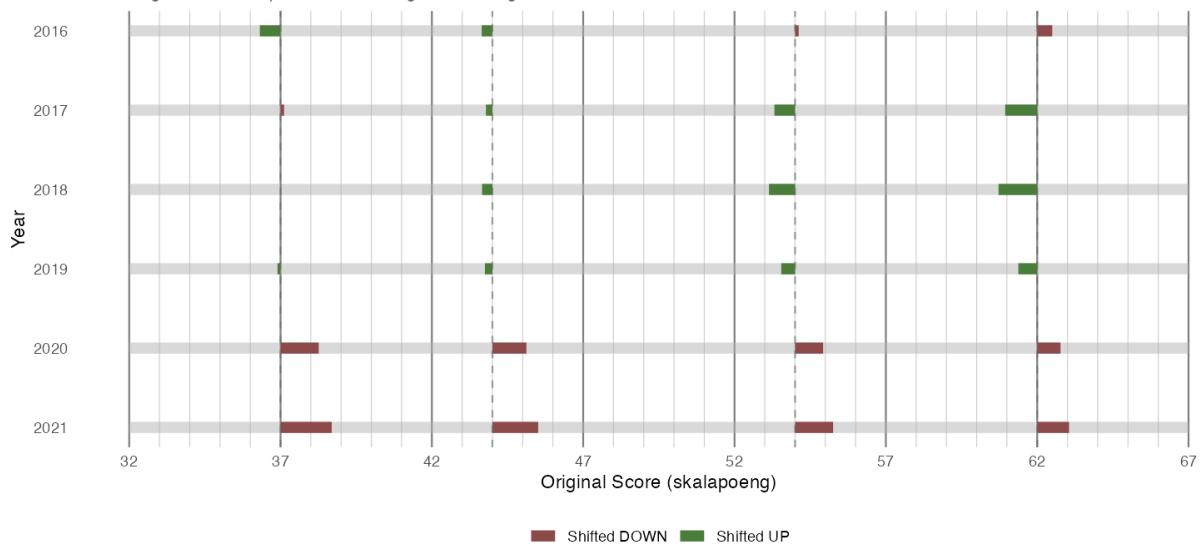


Figure 45: Discrepancy ranges

2016

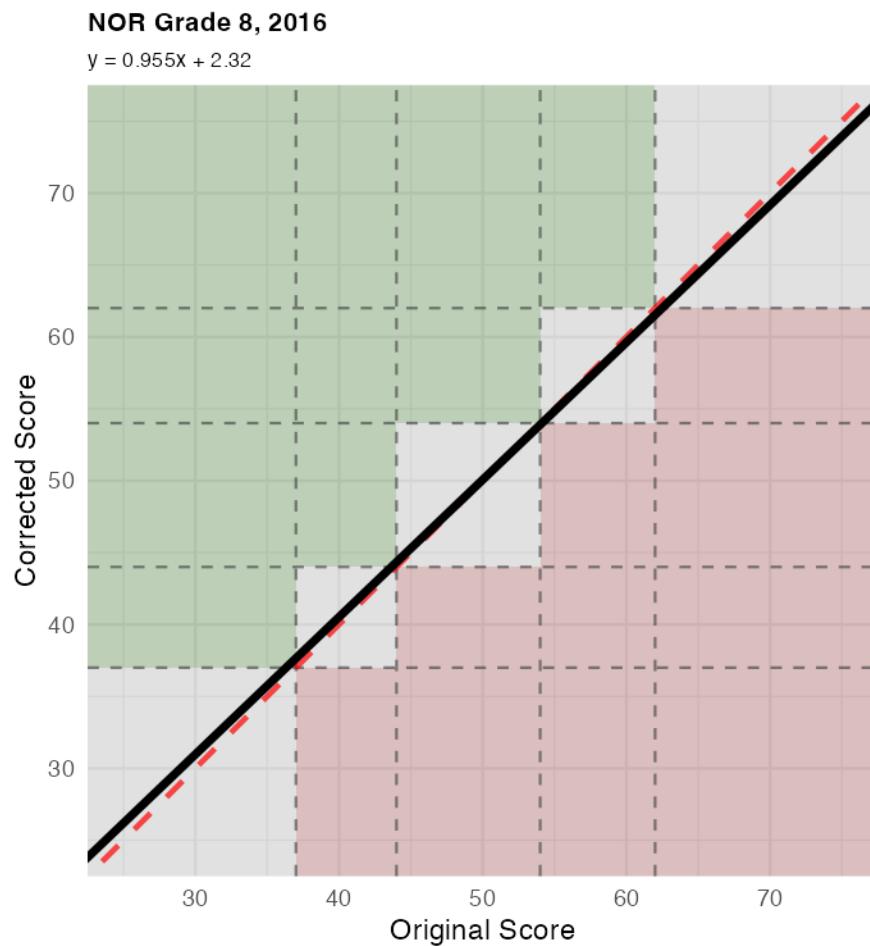


Figure 46: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	4,285	783	0	0	0	5,068
Level 2	0	11,122	788	0	0	11,910
Level 3	0	0	22,017	0	0	22,017
Level 4	0	0	238	11,455	0	11,693
Level 5	0	0	0	543	6,851	7,394

**Total test-takers:** 58,082 - **Shifted level:** 2,352 (4.05%) - **Shifted up:** 1,571 (2.7%) - **Shifted down:** 781 (1.34%)

2017

### NOR Grade 8, 2017

$$y = 1.049x + -1.94$$

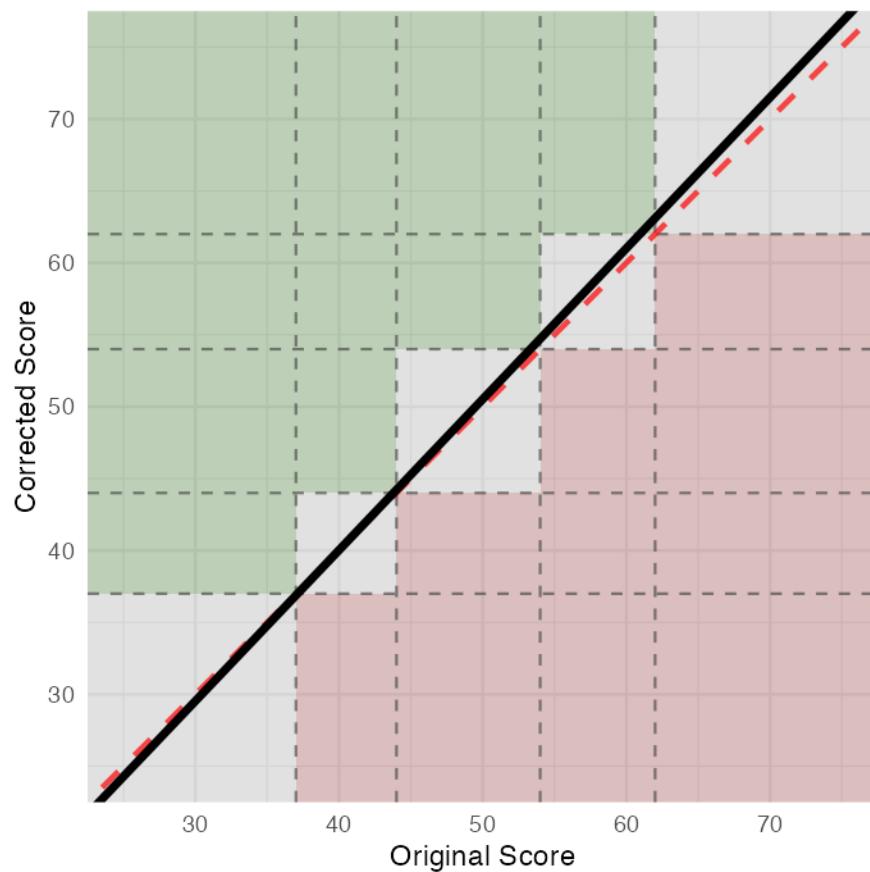


Figure 47: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	4,494	0	0	0	0	4,494
Level 2	155	11,582	449	0	0	12,186
Level 3	0	0	21,266	1,386	0	22,652
Level 4	0	0	0	11,191	1,232	12,423
Level 5	0	0	0	0	7,078	7,078

**Total test-takers:** 58,833 - **Shifted level:** 3,222 (5.48%) - **Shifted up:** 3,067 (5.21%) - **Shifted down:** 155 (0.26%)

2018

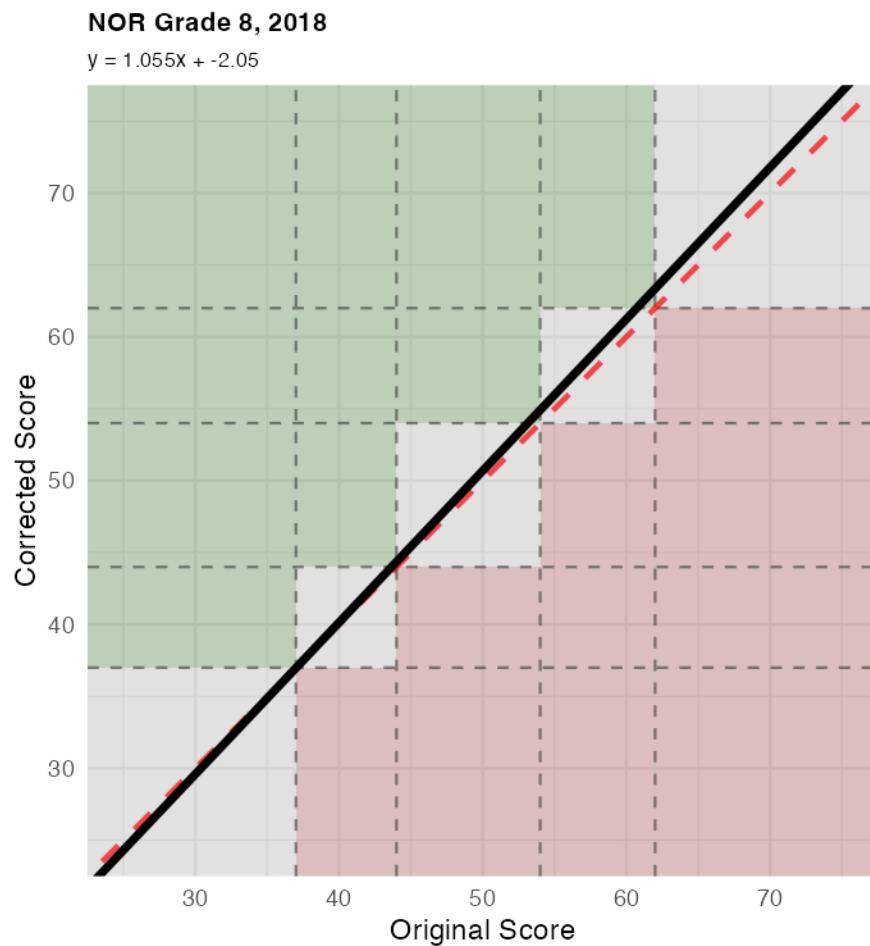


Figure 48: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	4,787	0	0	0	0	4,787
Level 2	26	10,703	708	0	0	11,437
Level 3	0	0	21,191	1,822	0	23,013
Level 4	0	0	0	11,504	1,514	13,018
Level 5	0	0	0	0	6,697	6,697

**Total test-takers:** 58,952 - **Shifted level:** 4,070 (6.9%) - **Shifted up:** 4,044 (6.86%) - **Shifted down:** 26 (0.04%)

2019

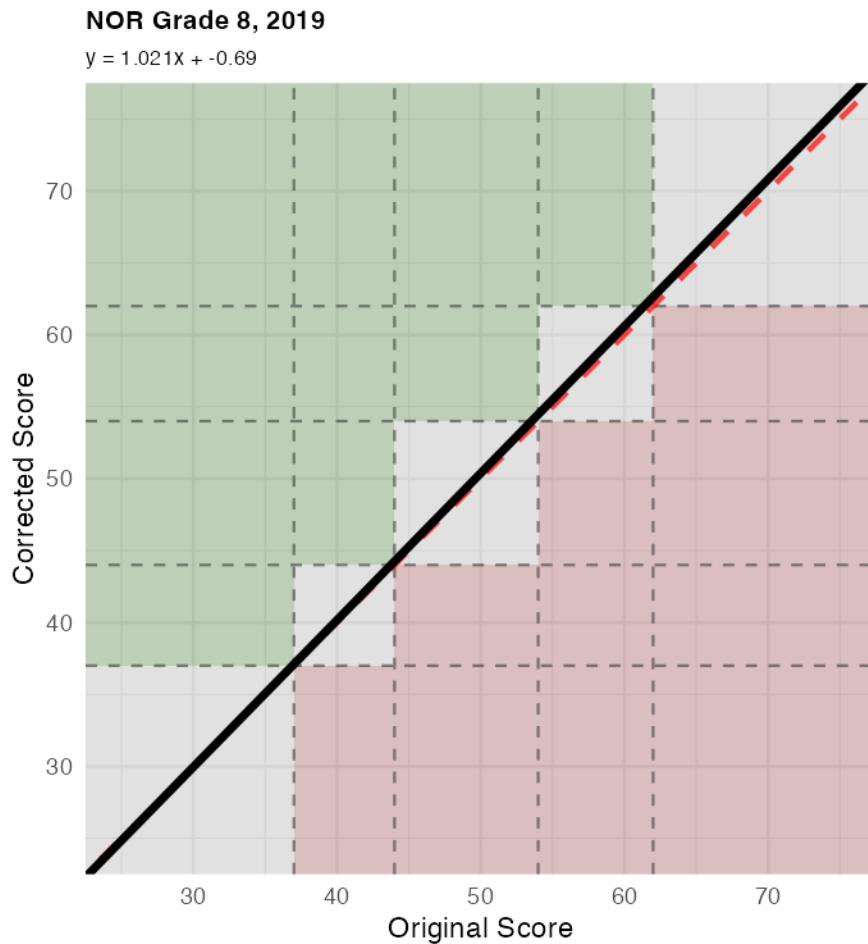


Figure 49: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	5,341	77	0	0	0	5,418
Level 2	0	9,782	528	0	0	10,310
Level 3	0	0	22,783	1,064	0	23,847
Level 4	0	0	0	13,898	751	14,649
Level 5	0	0	0	0	6,153	6,153

**Total test-takers:** 60,377 - **Shifted level:** 2,420 (4.01%) - **Shifted up:** 2,420 (4.01%) - **Shifted down:** 0 (0%)

2020

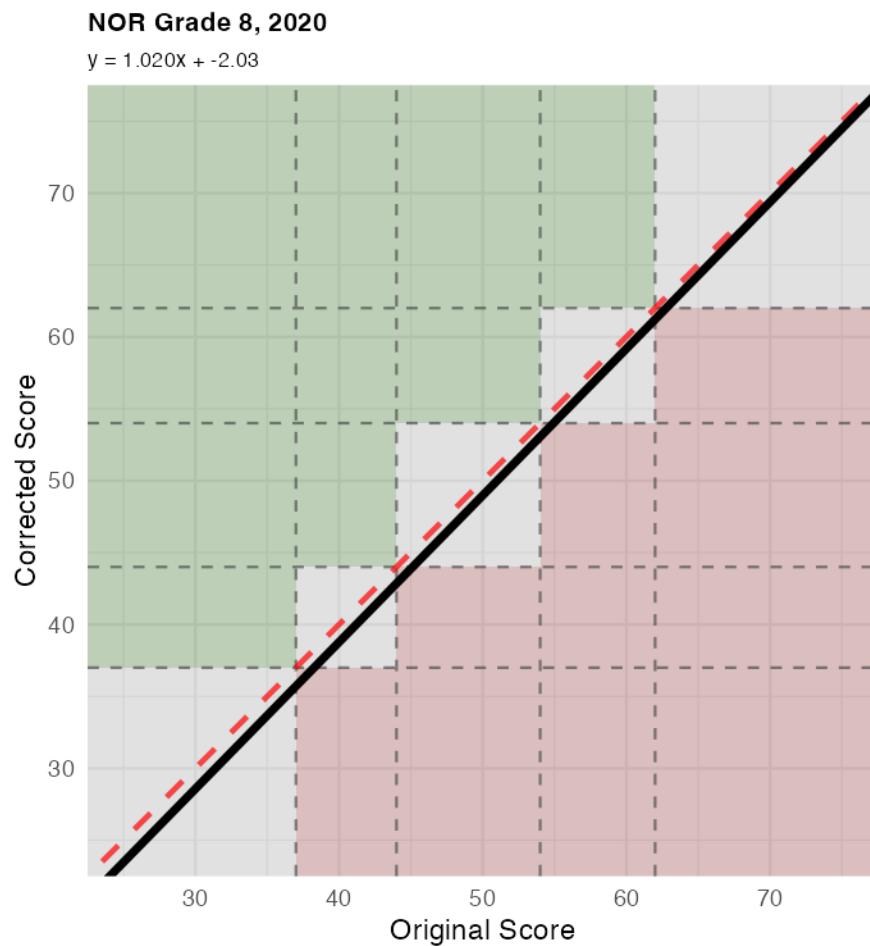


Figure 50: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	5,084	0	0	0	0	5,084
Level 2	1,601	10,394	0	0	0	11,995
Level 3	0	2,416	20,495	0	0	22,911
Level 4	0	0	2,048	11,834	0	13,882
Level 5	0	0	0	829	5,473	6,302

**Total test-takers:** 60,174 - **Shifted level:** 6,894 (11.46%) - **Shifted up:** 0 (0%) - **Shifted down:** 6,894 (11.46%)

2021

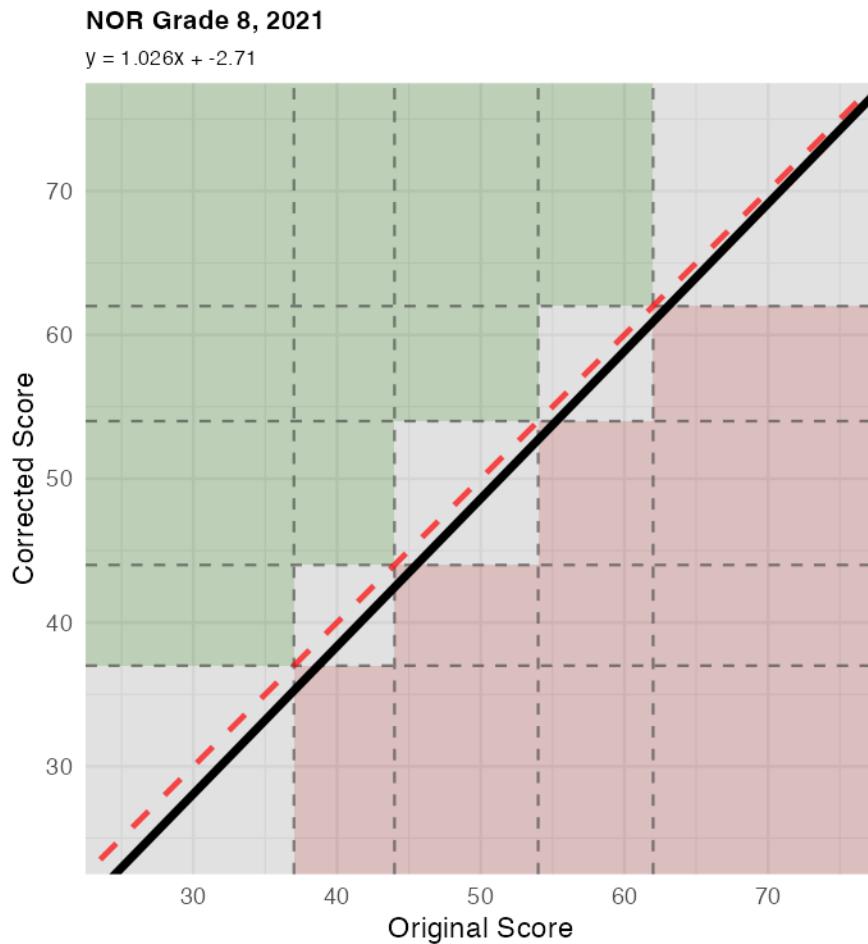


Figure 51: Transformation plot

Original	Level 1	Level 2	Level 3	Level 4	Level 5	Total
Level 1	5,362	0	0	0	0	5,362
Level 2	2,362	9,847	0	0	0	12,209
Level 3	0	3,396	19,940	0	0	23,336
Level 4	0	0	2,666	11,305	0	13,971
Level 5	0	0	0	1,165	5,485	6,650

**Total test-takers:** 61,528 - **Shifted level:** 9,589 (15.58%) - **Shifted up:** 0 (0%) - **Shifted down:** 9,589 (15.58%)

## Summary

**Total students analyzed:** 2,596,963 - **Total shifted:** 223,276 (8.6%) - **Shifted up:** 147,313 (5.67%) - **Shifted down:** 75,963 (2.93%)