

Environment

Libraries and environment variables

Set working directory

Load Data

Unnamed: 0	Test	Stufe	unique_id	Level	Gesamt_Level	1	2	3	4	5	6	7	8	9	10
0	0	1	1	404_0	C	C	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1	1	1	1	404_1	A	A	0.0	1.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0
2	2	1	1	404_10	B	B	1.0	0.0	0.0	0.0	1.0	1.0	0.0	1.0	1.0
3	3	1	1	404_11	A	A	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0
4	4	1	1	404_12	B	C	1.0	0.0	1.0	0.0	0.0	1.0	0.0	1.0	1.0

EDA

Items per test

Subtest 1 item count: 10
Subtest 2 item count: 10
Subtest 3 item count: 50
Subtest 4 item count: 30

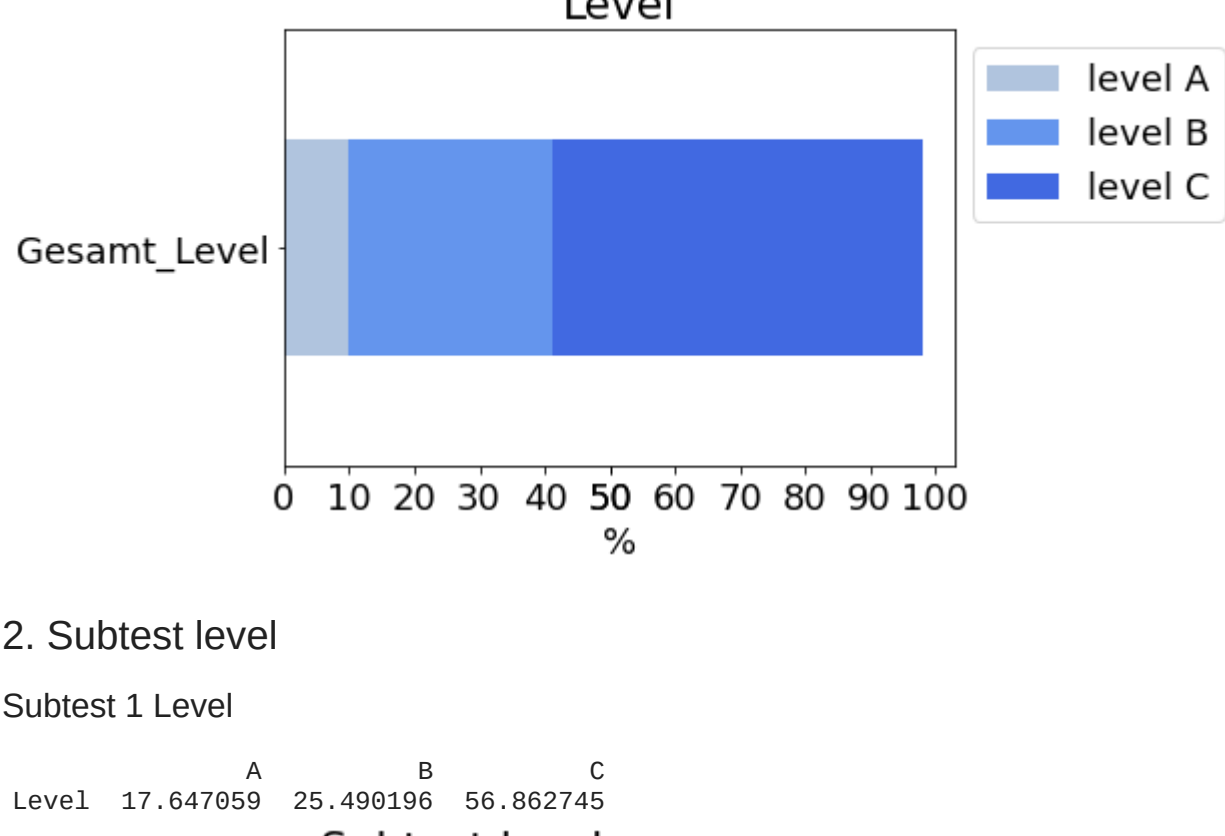
Children

Subtest 1 Kinder: 51
Subtest 2 Kinder: 52
Subtest 3 Kinder: 51
Subtest 4 Kinder: 46

1. Final level

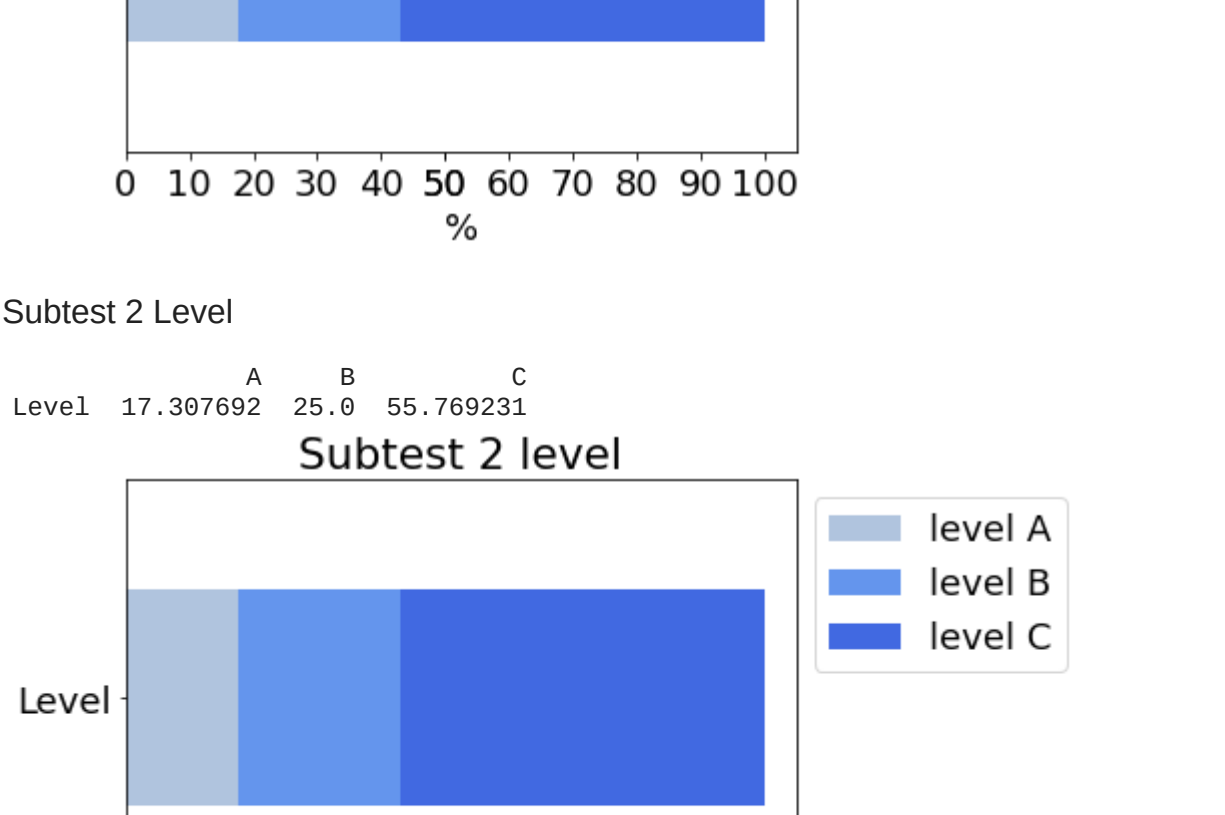
nur Kinder, die auch Test 4 gemacht haben:

Gesamt_Level A B C
 2.173913 34.782609 63.643478



inklusive Kindern, die Test 4 nicht gemacht haben:

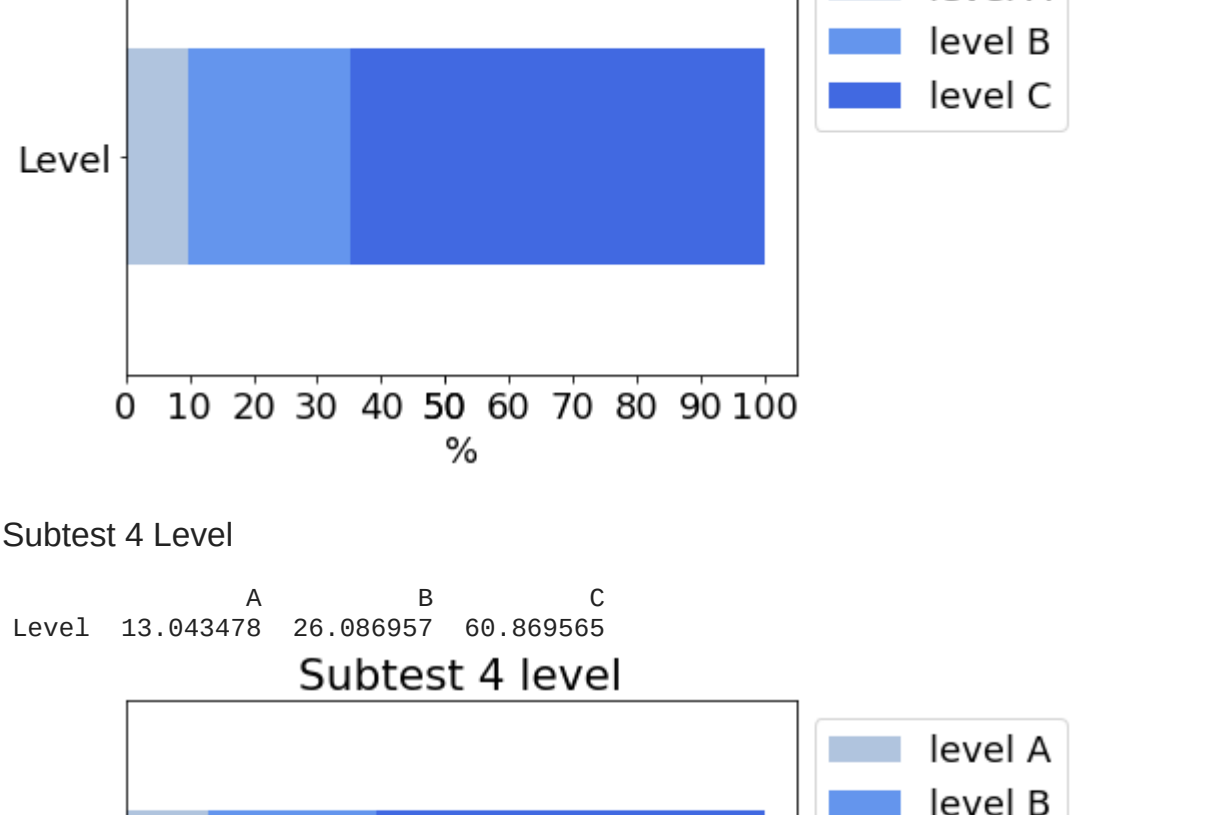
Gesamt_Level A B C
 9.803922 31.372549 56.862745



2. Subtest level

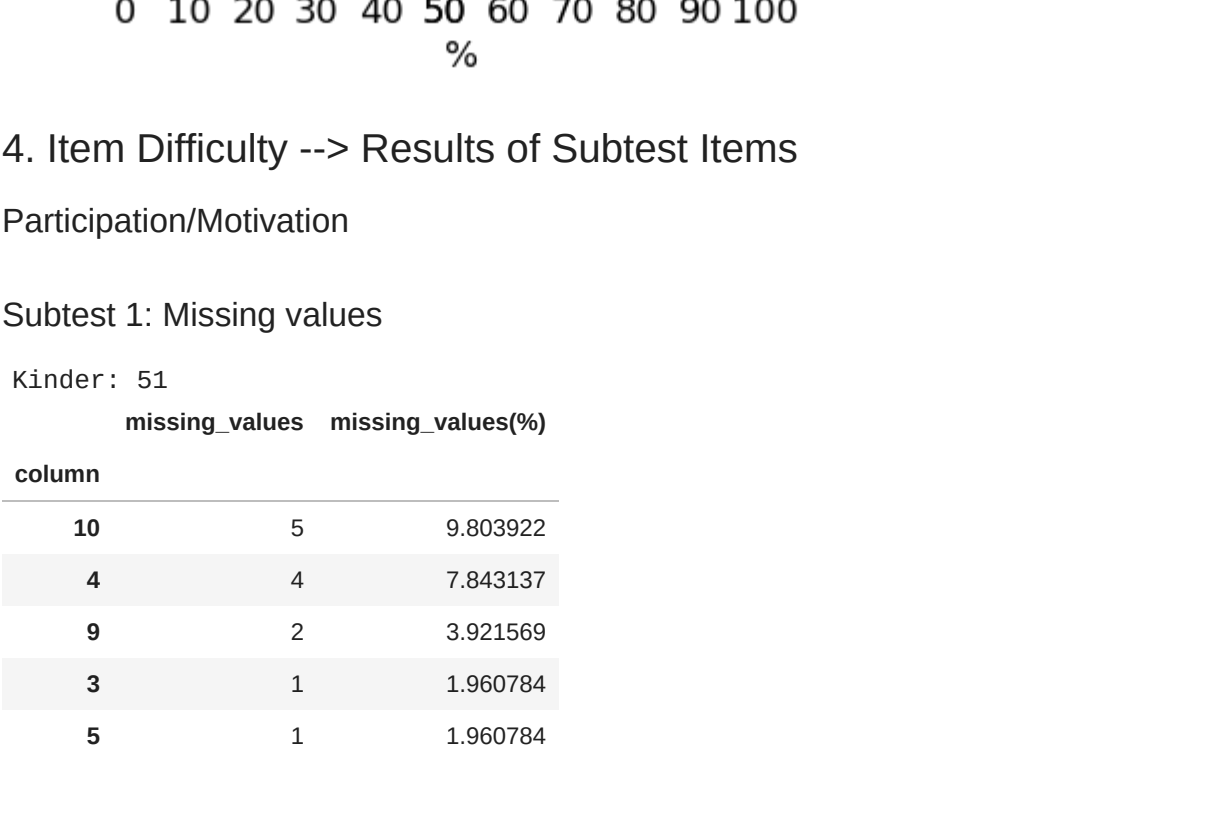
Subtest 1 Level

Level A B C
 17.647859 25.498196 56.862745



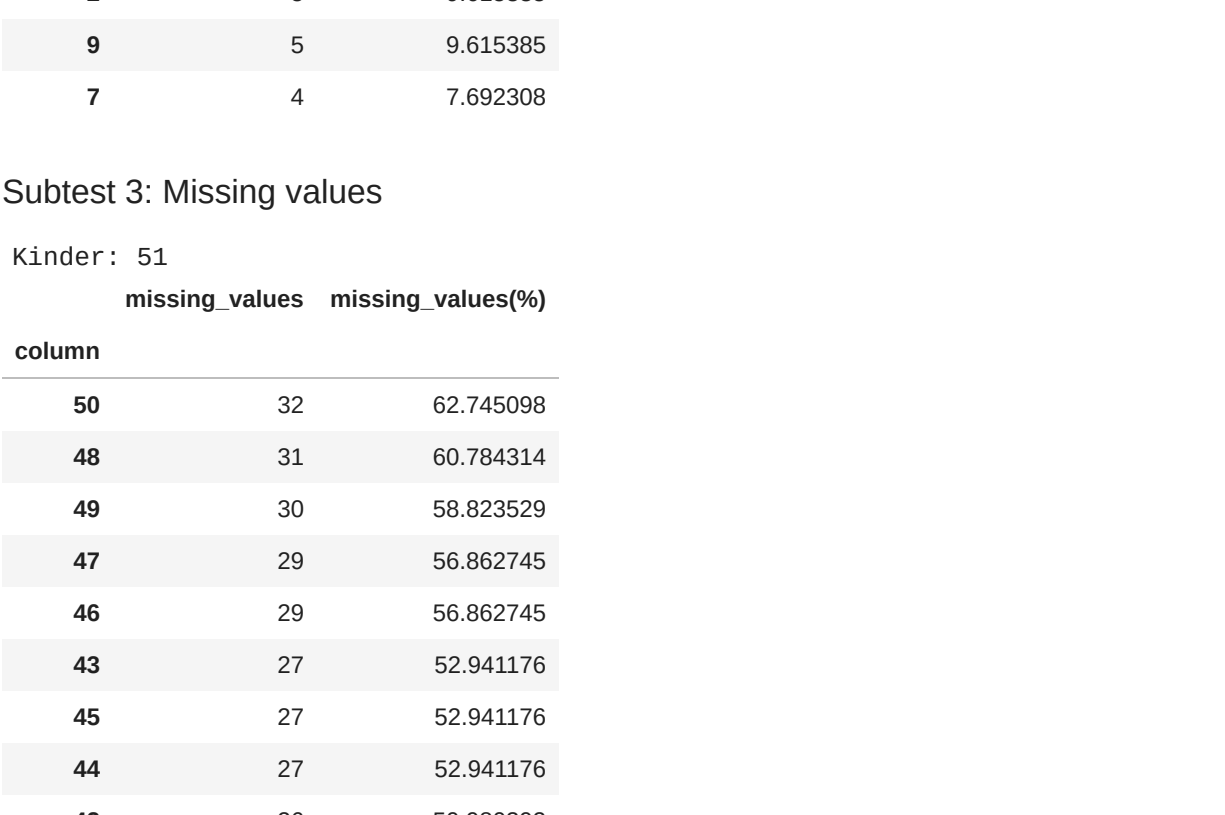
Subtest 2 Level

Level A B C
 17.307692 25.0 55.769231



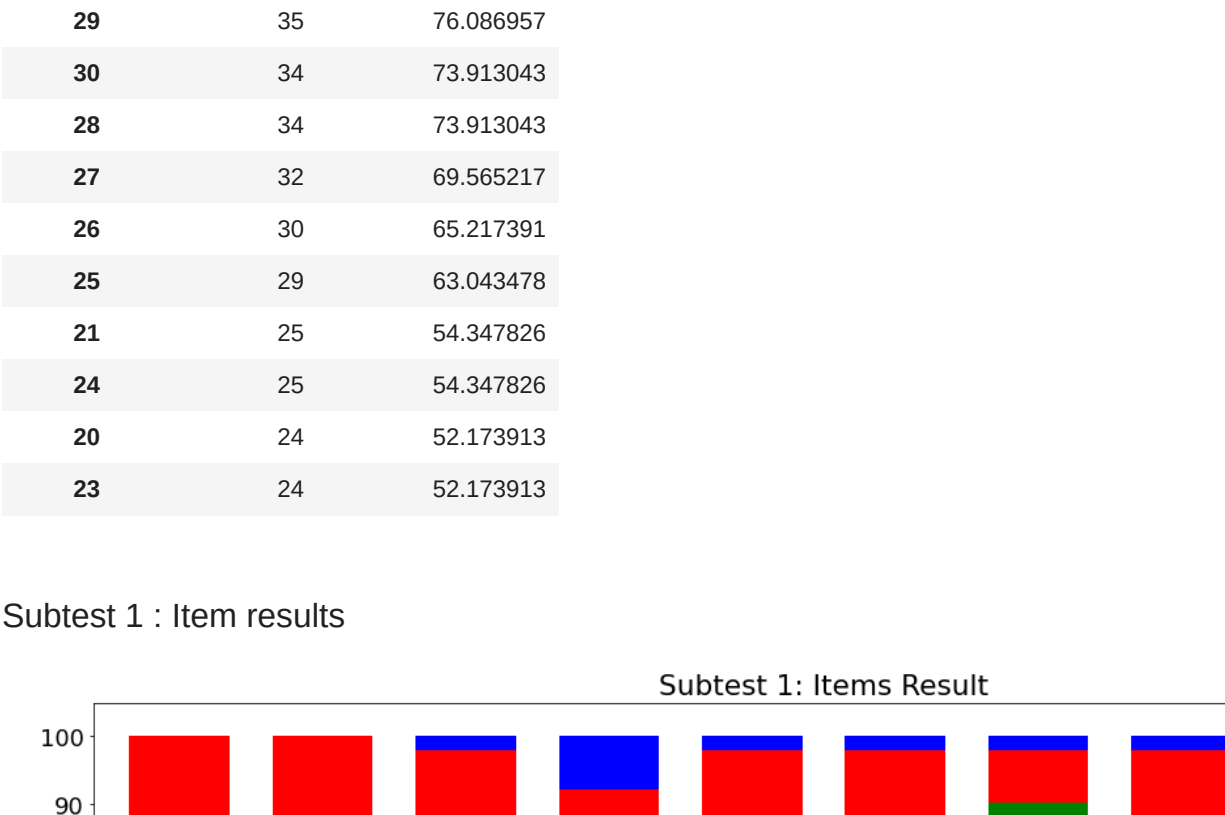
Subtest 3 Level

Level A B C
 9.803922 25.498196 64.785882



Subtest 4 Level

Level A B C
 13.843478 26.886957 68.869565



4. Item Difficulty --> Results of Subtest Items

Participation/Motivation

Subtest 1: Missing values

Kinder: 51

missing_values	missing_values(%)
10	5
4	4
9	2
3	1
5	1

Subtest 2: Missing values

Kinder: 52

missing_values	missing_values(%)
10	12
8	6
2	5
9	5
7	4

Subtest 3: Missing values

Kinder: 51

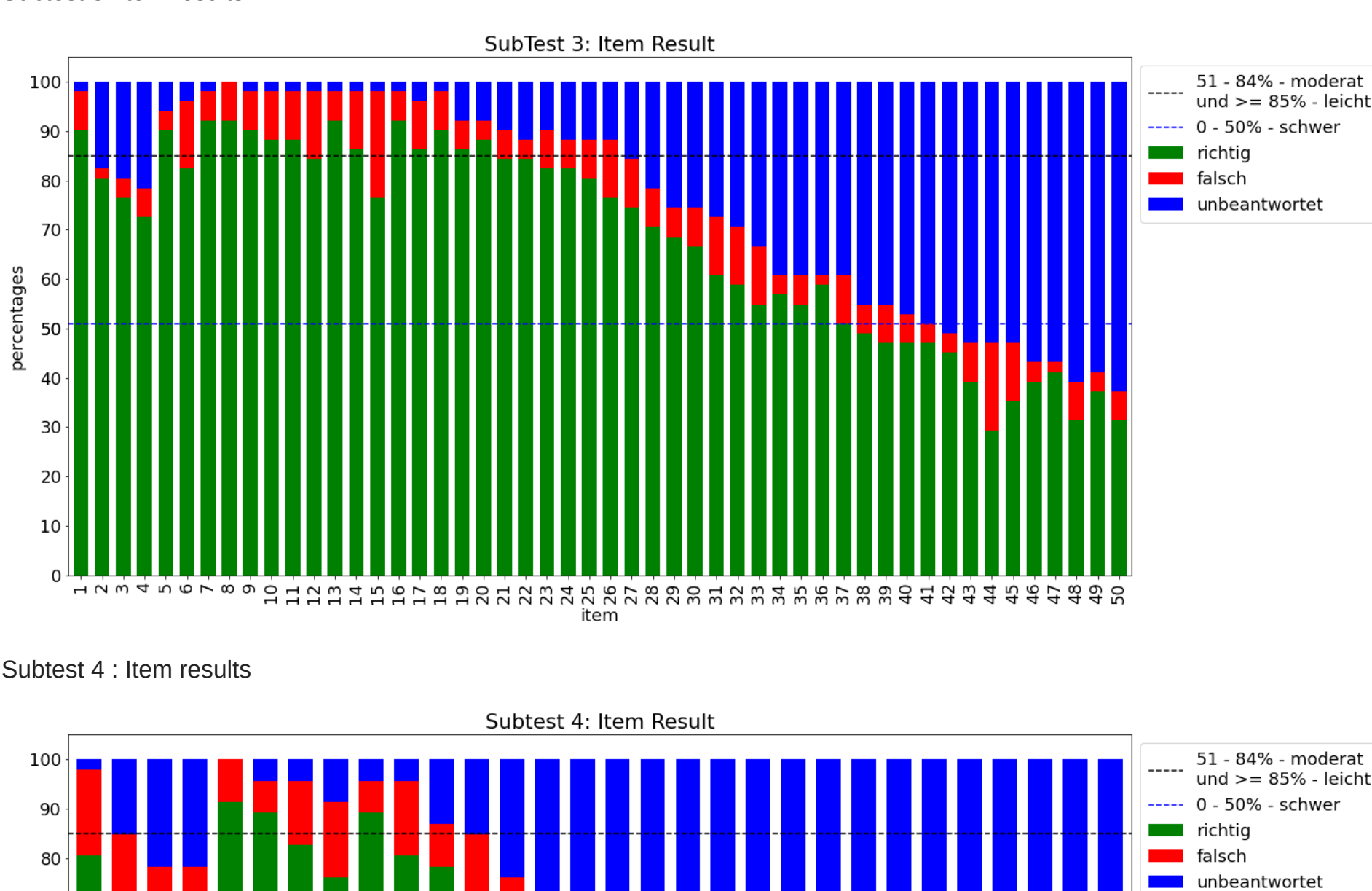
missing_values	missing_values(%)
50	32
48	31
49	30
47	29
46	29
43	27
45	27
44	27
42	26
41	25

Subtest 4: Missing values

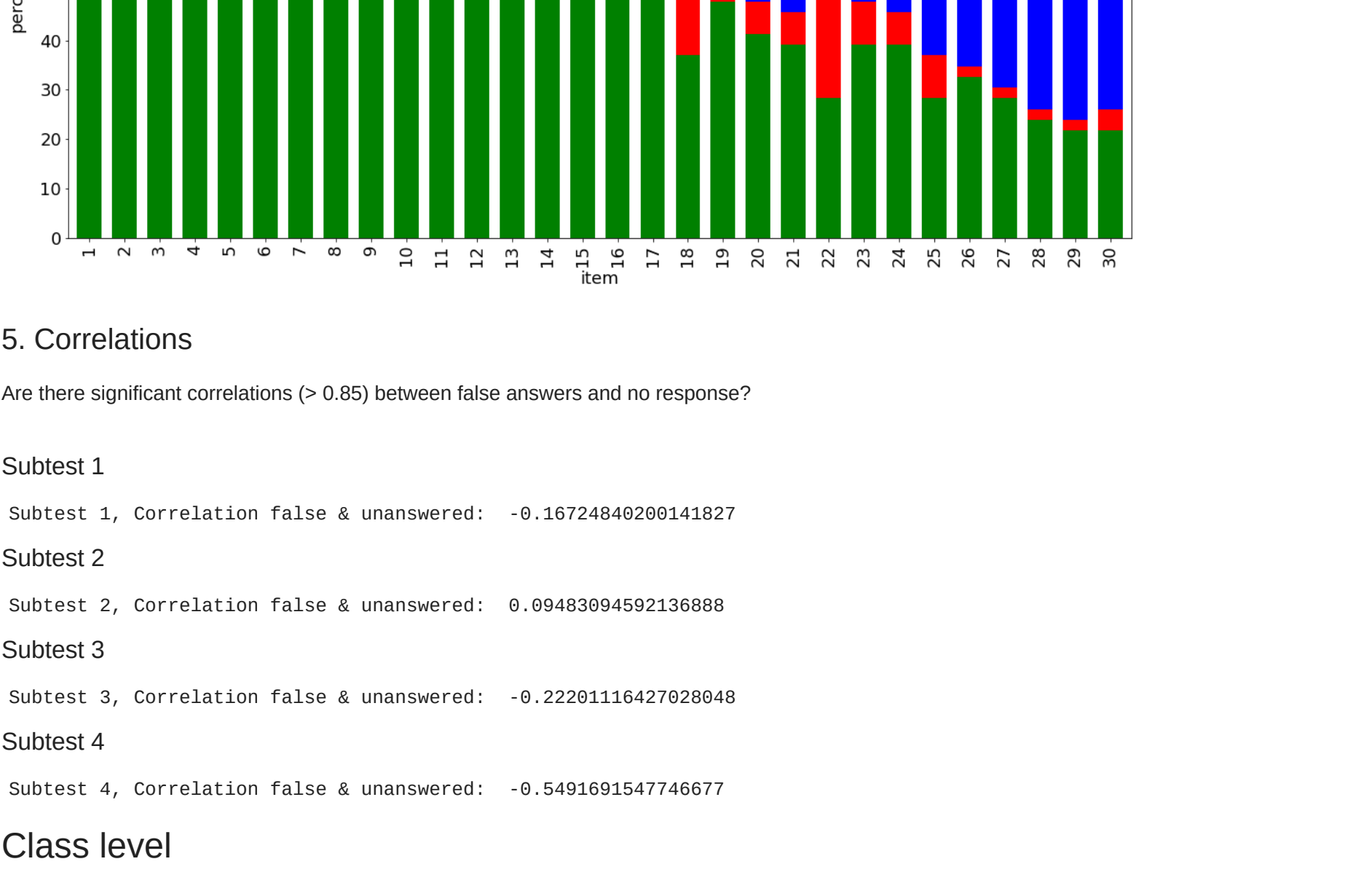
Kinder: 46

missing_values	missing_values(%)
29	35
30	34
28	34
27	32
26	30
25	29
21	25
24	25
20	24
23	24

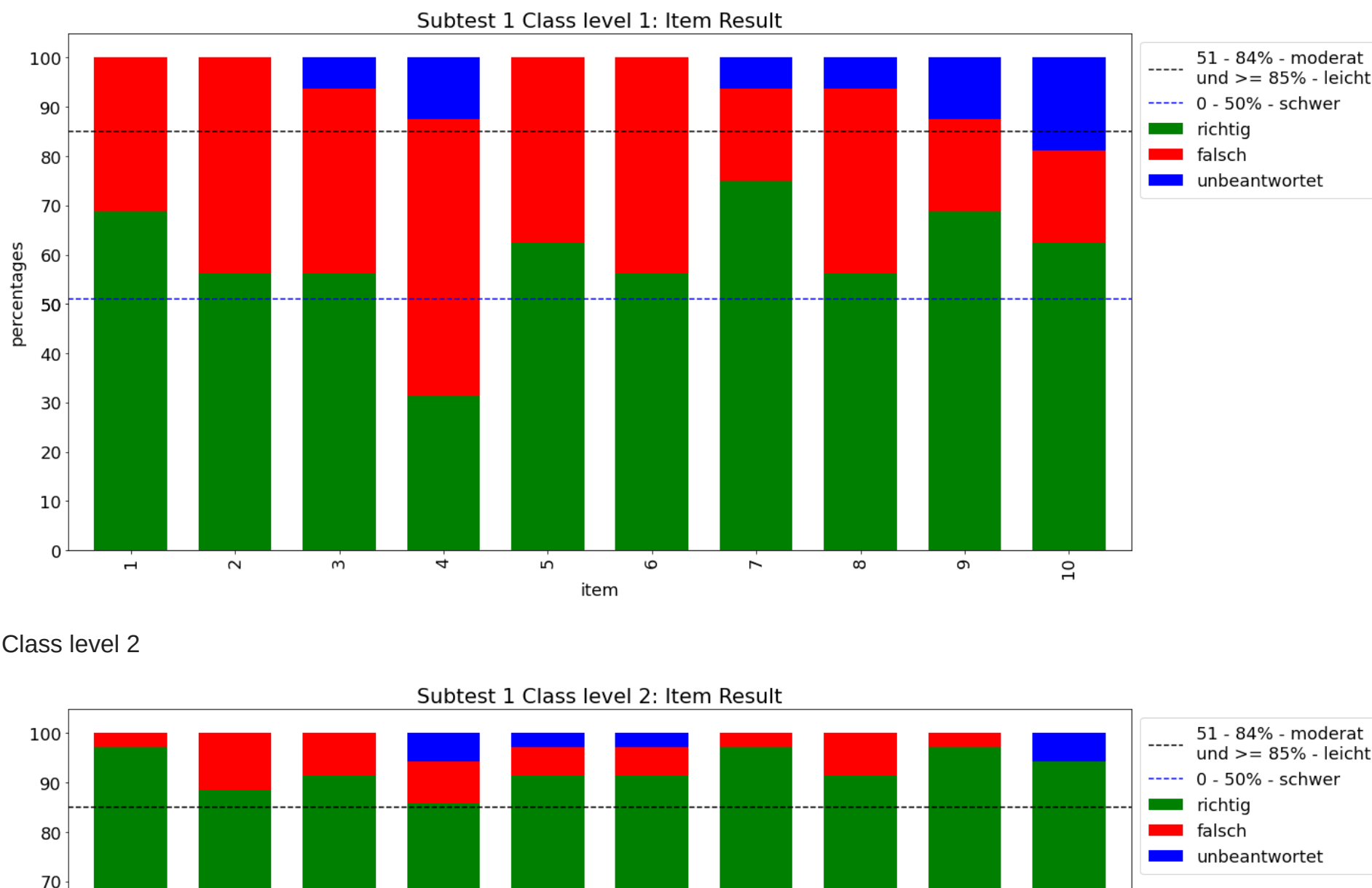
Subtest 1 : Item results



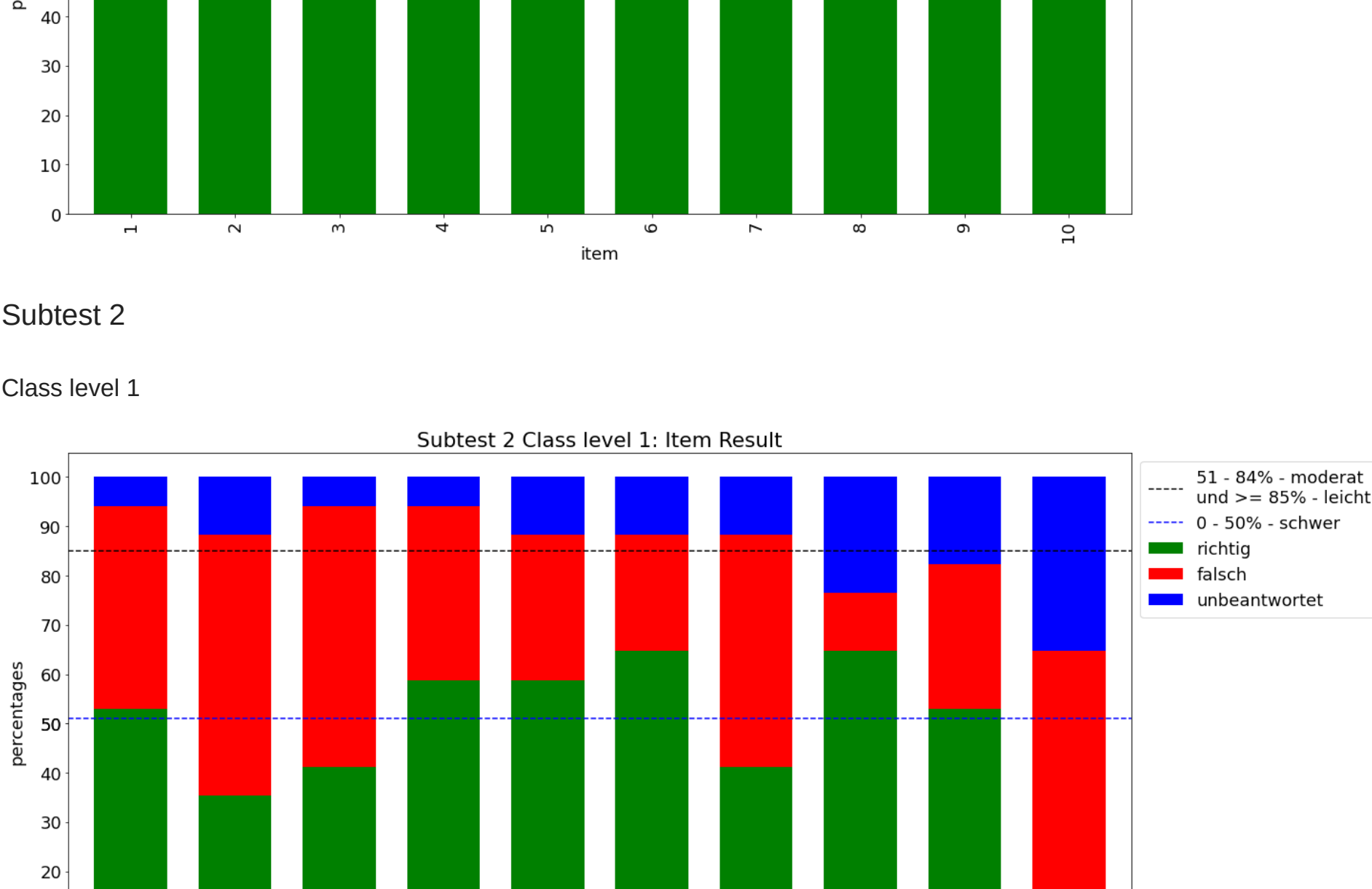
Subtest 2: Item results



Subtest 3: Item results



Subtest 4 : Item results



5. Correlations

Are there significant correlations (> 0.85) between false answers and no response?

Subtest 1

Subtest 1, Correlation false & unanswered: -0.16724846260141827

Subtest 2

Subtest 2, Correlation false & unanswered: 0.09483094592136888

Subtest 3

Subtest 3, Correlation false & unanswered: -0.22201164270280848

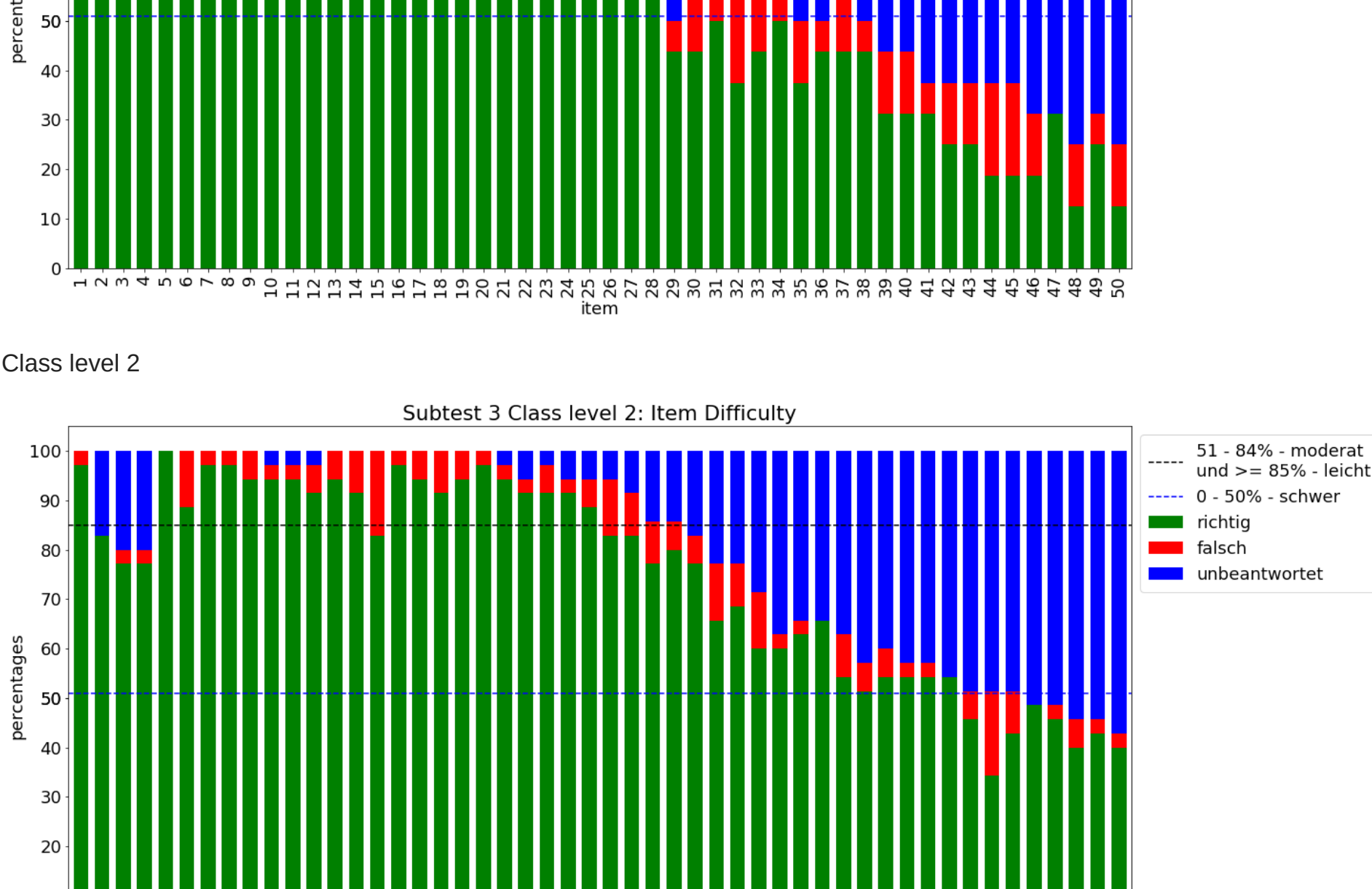
Subtest 4

Subtest 4, Correlation false & unanswered: -0.5491691547746677

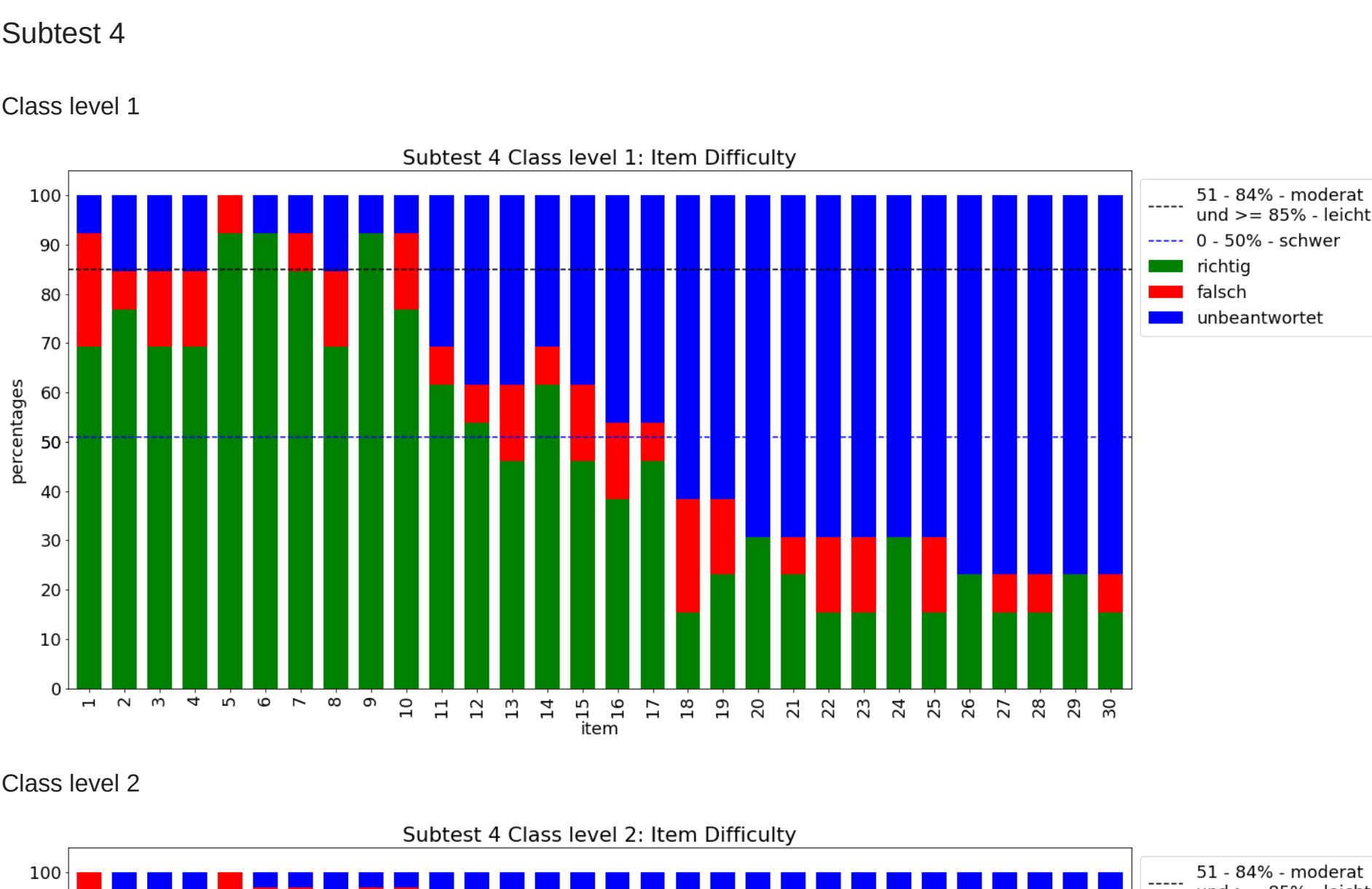
Class level

Subtest 1

Class level 1

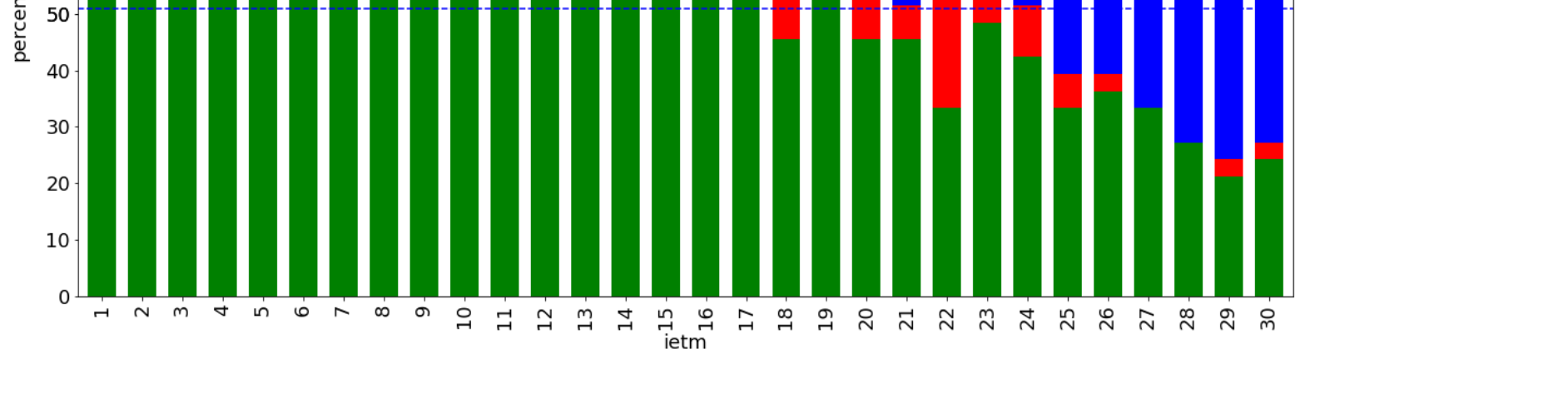


Class level 2



Subtest 2

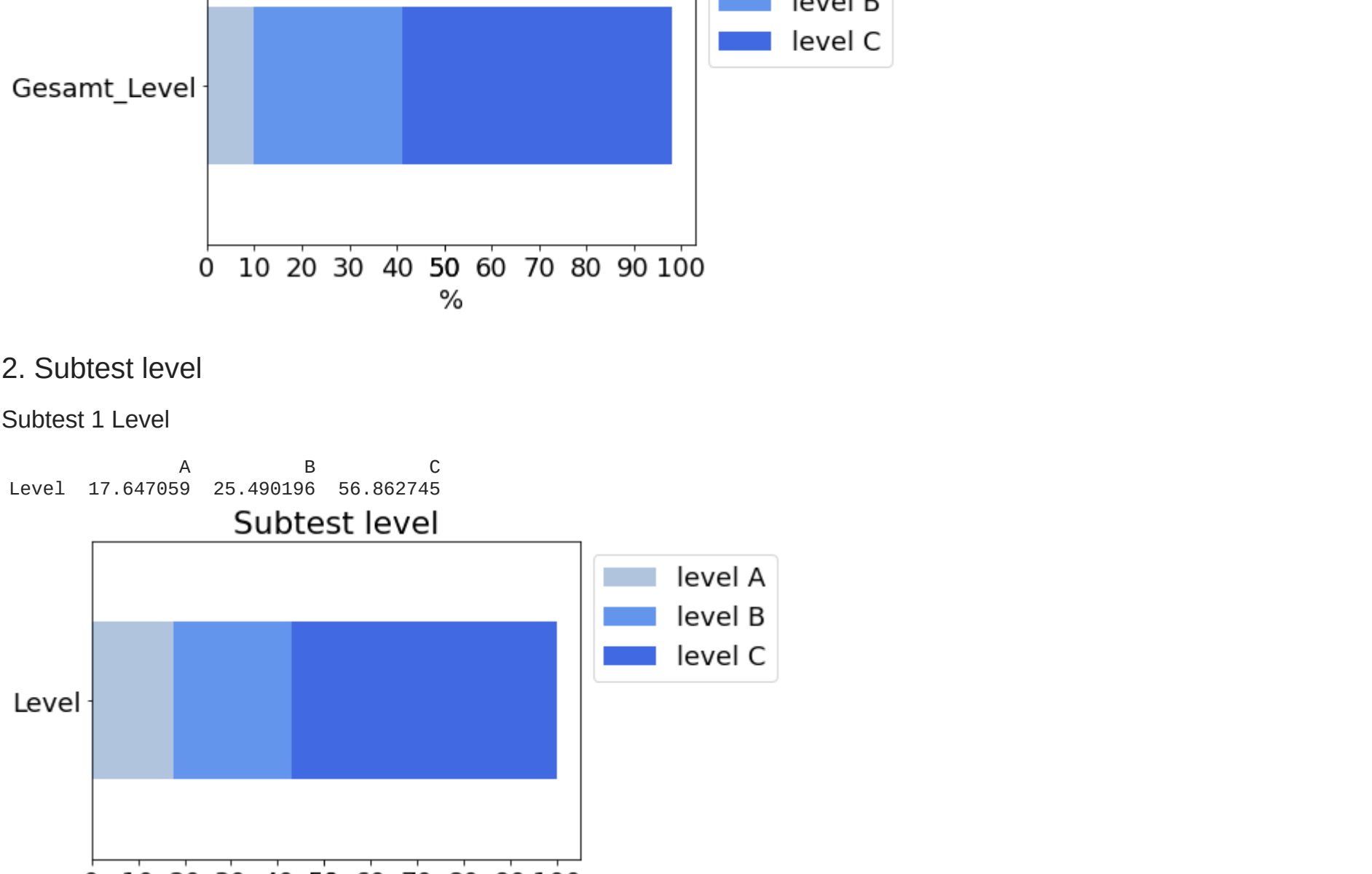
Class level 1



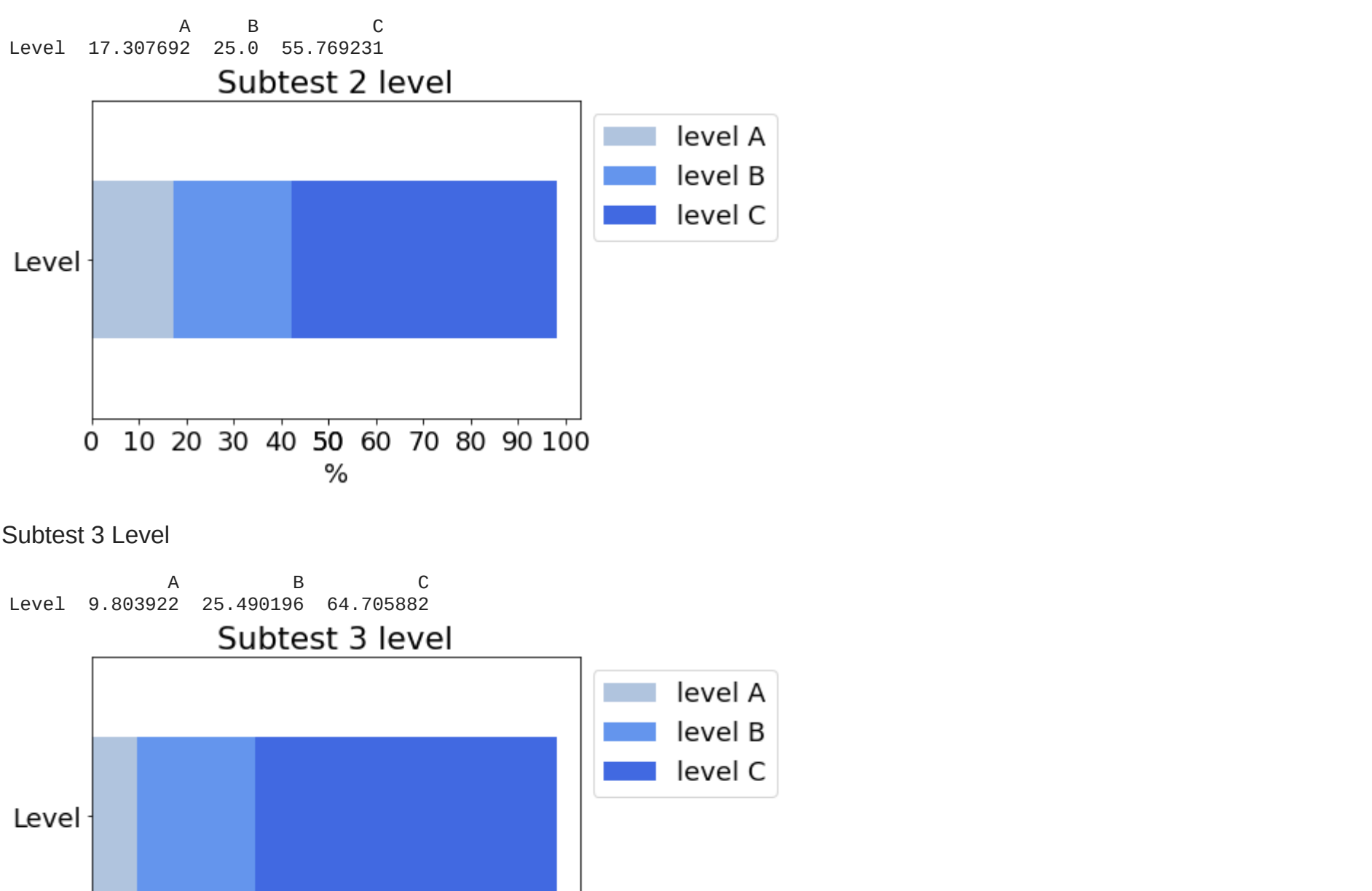
Class level 2

Subtest 3

Class level 1

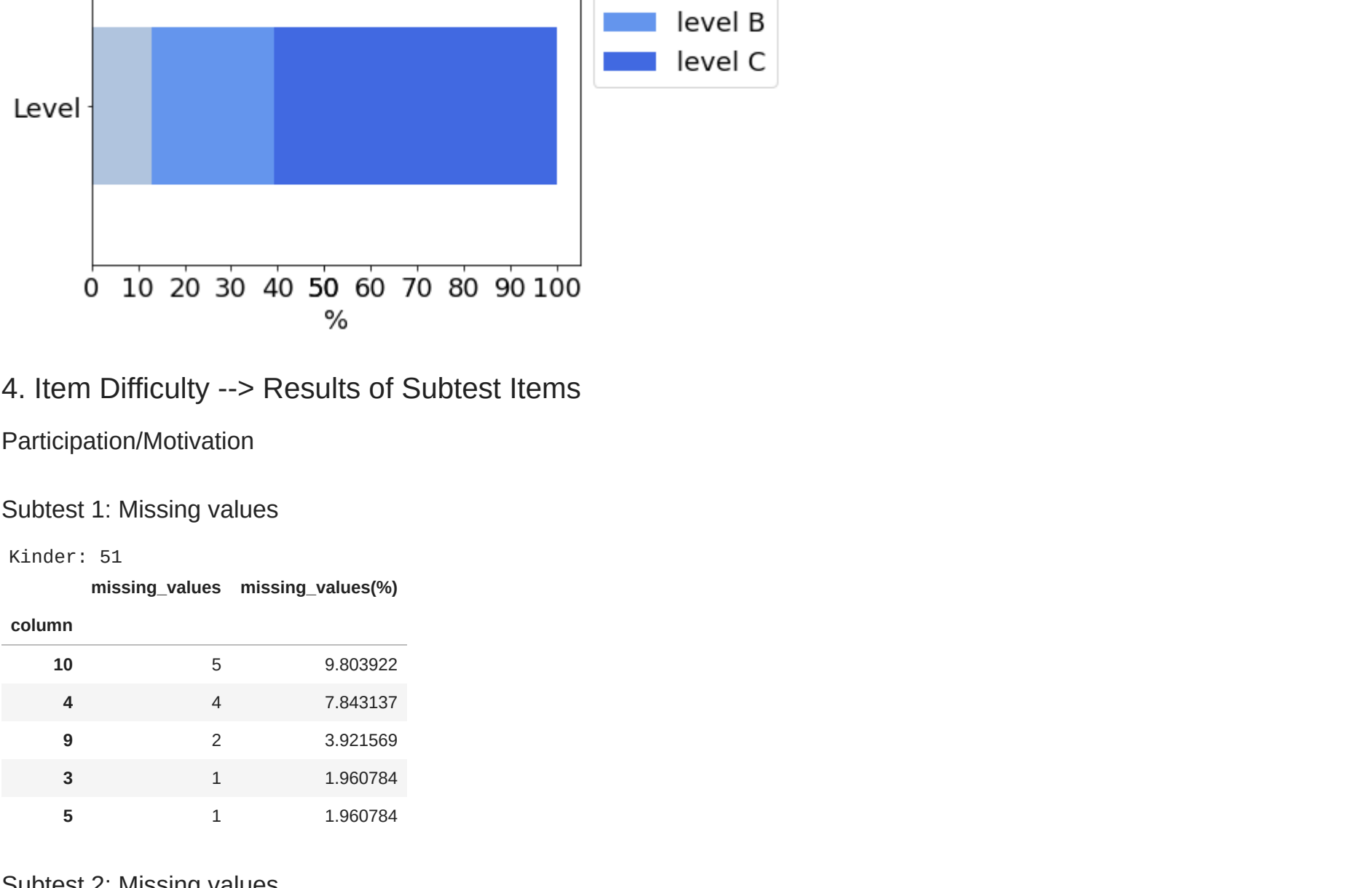


Class level 2



Subtest 4

Class level 1



Class level 2



