Statistics of A-tests (old experimental Association tests)

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A-10 - Netherlandic, 50 items

This was the very first test I ever showed to others, early 1995. The first nine A-tests have never been taken and were conceived in 1994.

Norms

Raw	Protonorm
0	320 or lower
1	327
2	333
3	340
4	393
5	413
6	427
7	440
8	447
9	473
10	500
11	520
12	533

Used for norming are all known scores on other tests, in the usual manner.

Scores (early 1995)

testees: 8
Mean: 4
SD: 3.28
Male mean: 4
Female mean: 4 (1 persons)

0**
3**
4**
8*
10*

Note: I was shocked at the time that the scores were so low, and thought I was doing something wrong, that the problems were too far-fetched. I had expected much higher scores intuitively. It was the first time I saw scores on a test created by me. In hindsight I know this kind of score pattern is entirely normal on a hard test, and that this very first test, despite having many bad items which have never been solved, had ruthless discriminative power in the high range right from the start on.

Later I added easier items to the tests to make them doable for more people, realizing my intuitive notion of item difficulty was tremendously off on the low side. I also learnt that this underestimating of difficulty - or overestimating of others' intelligence - is typical for highly intelligent individuals; it is the naivity of assuming your own intelligence level in others. I learnt that creating IQ tests is not so much a matter of "how can I make hard enough problems so they won't get everything correct", but rather of "how low do I have to go to to be understood" and "how easy do I have to make it to avoid getting a score pattern concentrated at or just above zero".

Correlation with other tests

Test	#	cor
Association Subtest of Dutch LTFG	2	1
Numbers	2	1
Unknown tests	7	-0.03

Weighted average of correlations: 0.345

Estimated minimum *g* loading: 0.59

Ranking in above table is based on the unrounded correlations.

National averages

Country	# scores	Average score
Netherlands	8	4

A-11 - English, 60 items

Norms

Raw	Protonorm
0	307 or lower
1	333
2	340
3	373
4	407
5	440
6	467

Used for norming are all known scores on other tests (insofar normed), in the usual manner. There are very few so this is not a highly reliable norming.

Scores

testees: 3
Mean: 2.67
SD: 1.7
Male mean: 2.67
Female mean: NaN (0 persons)

1*
2*
5*

Correlation with other tests

Aggregate correlation over 4 pairs, different tests combined: .98

National averages

Country	# scores	Average score
Mexico	2	1.5

Correlation with national IQs

.97 over 3 pairs.

A-12 - Netherlandic, oral, 40 items

It is not possible to norm this test because it has a slight negative correlation with other tests on the whole, despite having been taken by a reasonable

number of people with a reasonable spread of scores on this and other tests. So, this test has failed to measure anything, probably because of its oral nature. The same problems that work well when taken with pen on paper and ample time fail when administered orally with limited response time.

Scores

testees: 18
Mean: 29.61
SD: 2.73
Male mean: 30
Female mean: 28.6 (5 persons)

24*
26***
28*
29*****
31*
32****
33***

Correlation with other tests

Test	#	cor
A-15 - Early experimental association test in Netherlandic, 32 items	2	1
A-16 - Early experimental association test in Netherlandic, 21 items	3	0.87
A-18 - Early experimental association test in Netherlandic	3	0.4
A-19 - Early experimental association test in Netherlandic, 23 items	4	-0.45
A-22 - Early experimental association test in Netherlandic, 27 items (maximum score 31)	8	-0.59
Cito-toets	2	-1

Weighted average of correlations: -0.123

Estimated minimum *g* loading: -0.35

Ranking in above table is based on the unrounded correlations.

National averages

Country	# scores	Average score
Netherlands	18	29.61

A-15 - Netherlandic, 32 items

Norms

Raw	Protonorm
0	180 or lower
1	220
2	253
3	273
4	293
5	320
6	340
7	367
8	387
9	407
10	433
11	453
12	473

Used for norming are all known scores on other tests (insofar normed), in the usual manner. There are very few so this is not a highly reliable norming.

Scores

testees: 3
Mean: 4
SD: 4.32
Male mean: 4
Female mean: NaN (0 persons)

0*
2*
10*

Correlation with other tests

Test	#	cor
A-12 - Early experimental oral association test in Netherlandic, 40 items	2	1
A-19 - Early experimental association test in Netherlandic, 23 items	2	1

A-18 - Early experimental association test in Netherlandic	3	0.94
A-22 - Early experimental association test in Netherlandic, 27 items (maximum score 31)	3	0.94
A-16 - Early experimental association test in Netherlandic, 21 items	3	0.65

Weighted average of correlations: 0.892

Estimated minimum *g* loading: 0.94

Ranking in above table is based on the unrounded correlations.

Note: in a table like the above, tests for which only one score is known do not show up, so there may be more scores on other tests known than it seems in the table (as is the case here).

National averages

Country	# scores	Average score
Netherlands	3	4

A-16 - Netherlandic, 21 items

Norms

Raw	Protonorm
0	133 or lower
1	213
2	300
3	367
4	433
5	500
6	520

Used for norming are all known scores on other tests (insofar normed), in the usual manner. There are very few so this is not a highly reliable norming.

Scores

testees: 5
Mean: 2.2
SD: 2.04
Male mean: 2.5

Female mean: 1 (1 persons)

0*
1*
2**
6*

Correlation with other tests

Test	#	cor
Numbers	2	1
A-19 - Early experimental association test in Netherlandic, 23 items	3	0.96
A-12 - Early experimental oral association test in Netherlandic, 40 items	3	0.87
A-18 - Early experimental association test in Netherlandic	4	0.8
A-15 - Early experimental association test in Netherlandic, 32 items	3	0.65
A-22 - Early experimental association test in Netherlandic, 27 items (maximum score 31)	4	0.39

Weighted average of correlations: 0.747

Estimated minimum *g* loading: 0.86

Ranking in above table is based on the unrounded correlations.

National averages

Country	# scores	Average score
Netherlands	5	2.2

A-17 - English, 45 items

Norms

Raw	Protonorm
0	273 or lower
1	280
2	287
3	340
4	433

Used for norming are all known scores on other tests (insofar normed), in the usual manner. Because of the

very restricted range of the scores (both on other tests and on this one) this is not a highly reliable norming.

Scores

testees: 8
Mean: 2.25
SD: 1.2
Male mean: 2.17
Female mean: 2.5 (2 persons)

0*
1*
2**
3***
4*

Correlation with other tests

Aggrate over 19 pairs, different tests combined: .1. This is an underestimation of the true correlation because of the very restricted range of the scores on other tests (many the same scores) and on this test (many 3s).

National averages

Country	# scores	Average score
United_Kingdom	4	2.3

Correlation with national IQs

.14 over 7 pairs.

A-18 - Netherlandic, 21 items

Norms

Raw	Protonorm
0	120 or lower
1	147
2	167
3	200
4	220
5	227

6	233
7	240
8	247
9	253
10	273
11	287
12	293
13	300
14	307
15	340
16	373
17	407
18	420
19	440
20	467
21	507

Used for norming are all known scores on other tests (insofar normed), in the usual manner. This norming is relatively good.

Scores

testees: 7
Mean: 9.14
SD: 4.88
Male mean: 10
Female mean: 8.5 (4 persons)

2*
3*
9*
10**
13*
17*

Correlation with other tests

Test	#	cor
Association Subtest of Dutch LTFG	2	1
A-15 - Early experimental association test in Netherlandic, 32 items	3	0.94
A-22 - Early experimental association test in Netherlandic, 27 items (maximum score 31)	4	0.82
A-16 - Early experimental association test in Netherlandic, 21 items	4	0.8

A-19 - Early experimental association test in Netherlandic, 23 items	3	0.61
A-12 - Early experimental oral association test in Netherlandic, 40 items	3	0.4

Weighted average of correlations: 0.754

Estimated minimum *g* loading: 0.87

Ranking in above table is based on the unrounded correlations.

National averages

Country	# scores	Average score
Netherlands	7	9.1

A-19 - Netherlandic, 23 items

Norms

Raw	Protonorm
7	60
8	100
9	127
10	153
11	187
12	240
13	280
14	320

Used for norming are all known scores on other tests (insofar normed), in the usual manner. There are very few so this is not a highly reliable norming.

Scores

testees: 5
Mean: 11.4
SD: 1.85
Male mean: 11
Female mean: 12 (2 persons)

8*
11*
12*

13**

Correlation with other tests

Test	#	cor
A-15 - Early experimental association test in Netherlandic, 32 items	2	1
A-16 - Early experimental association test in Netherlandic, 21 items	3	0.96
A-18 - Early experimental association test in Netherlandic	3	0.61
A-22 - Early experimental association test in Netherlandic, 27 items (maximum score 31)	4	0.16
A-12 - Early experimental oral association test in Netherlandic, 40 items	4	-0.45

Weighted average of correlations: 0.347

Estimated minimum *g* loading: 0.59

Ranking in above table is based on the unrounded correlations.

National averages

Country	# scores	Average score
Netherlands	5	11.4

A-21 - Numerical, 9 items

The preliminary version of the numerical section of the Short Test For Genius.

Norms

Raw	Protonorm
0	313 or lower
1	360
2	407
3	453
4	507
5	553

Used for norming are all known scores on other tests (insofar normed), in the usual manner. There are very few so this is not a highly reliable norming.

Scores

testees: 3
Mean: 1.33
SD: 1.89
Male mean: 1.33
Female mean: NaN (0 persons)

0**
4*

Correlation with other tests

Aggregate over 7 pairs: .88

National averages

Country	# scores	Average score
United_Kingdom	2	0

Correlation with national IQs

1 over 3 pairs.

A-22 - Netherlandic, 28 items, maximum score 31

Norms

Raw	Protonorm
18	0
19	1
20	47
21	93
22	180
23	253
24	300
25	320
26	347
27	373
28	400
29	433
30	540
31	587

Used for norming are all known scores on other tests (insofar normed), in the usual manner.

Scores

testees: 20
Mean: 22.6
SD: 2.94
Male mean: 22.71
Female mean: 22.33 (6 persons)

18***
21***
22****
23*****
24**
26*
28*
30*

Correlation with other tests

Test	#	cor
Analogies of Dutch LTFG	2	1
Dutch Long Test For Genius	2	1
Numbers	2	1
Short Test For Genius	2	1
Space, Time & Hyperspace	2	1
Association Subtest of Dutch LTFG	3	0.96
A-15 - Early experimental association test in Netherlandic, 32 items	3	0.94
A-18 - Early experimental association test in Netherlandic	4	0.82
A-16 - Early experimental association test in Netherlandic, 21 items	4	0.39
A-19 - Early experimental association test in Netherlandic, 23 items	4	0.16
A-12 - Early experimental oral association test in Netherlandic, 40 items	8	-0.59
Cito-toets	3	-0.8

Weighted average of correlations: 0.361

Estimated minimum *g* loading: 0.6

Ranking in above table is based on the unrounded correlations.

Note for all these tables: tests with only one score do not show up in the table.

National averages

Country	# scores	Average score
Netherlands	20	22.71

A-36 - English, 36 items

Norms

Raw	Protonorm
7	347
8	393

Used for norming are all known scores on other tests (insofar normed), in the usual manner.

Scores

testees: 2
Mean: 7.5
SD: 0.5
Male mean: 7
Female mean: 8 (1 persons)

7*
8*

Correlation with other tests

Test	#	cor
Short Test For Genius	2	1

Weighted average of correlations: 1

Estimated minimum *g* loading: 1

Ranking in above table is based on the unrounded correlations.

A-NL21 - Netherlandic, 21 items

Cannot be normed currently.

Scores so far

testees: 3
Mean: 8
SD: 2.16

Male mean: NaN
Female mean: 8 (3 persons)

5*
9*
10*

Correlation with other tests

Test	#	cor
Early experimental association test in Netherlandic, 38 items	2	1

Weighted average of correlations: 1

Estimated minimum *g* loading: 1

Ranking in above table is based on the unrounded correlations.

National averages

Country	# scores	Average score
Netherlands	3	8

A-NL38 - Netherlandic, 38 items

Cannot be normed currently.

Scores so far

testees: 3
Mean: 34
SD: 2.94
Male mean: NaN
Female mean: 34 (3 persons)

30*
35*
37*

Correlation with other tests

Test	#	cor
Early experimental association test in Netherlandic, 21 items	2	1

Weighted average of correlations: 1

Estimated minimum *g* loading: 1

Ranking in above table is based on the unrounded correlations.

National averages

Country	# scores	Average score
Netherlands	3	34

A-NL40 - Netherlandic, 40 items

Cannot be normed currently.

Scores so far

testees: 1
Mean: 12
SD: 0
Male mean: 12
Female mean: NaN (0 persons)

12*