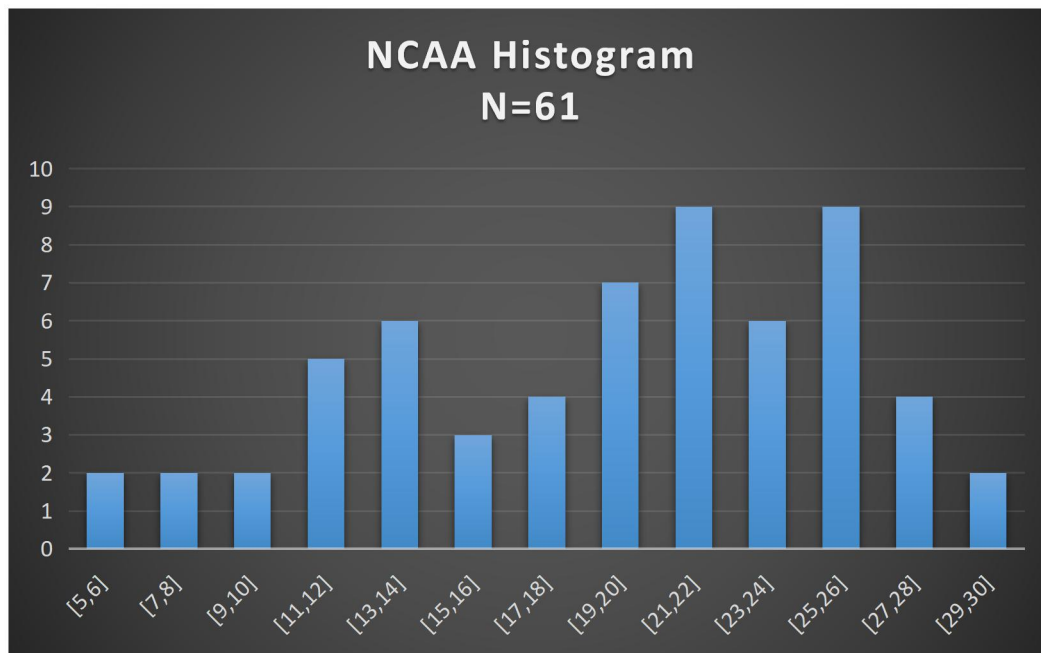


NCAA Statistics Report December 2018

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1. Scores histogram



2. Statistical properties

Mean	19,1475
Median	20
SD	6,2616
Max. Raw	29
Min. Raw	5
Variance	39,8612
SEM	0,8084
Skewness	-0,4511
Kurtosis	-0,7566

1. Reliability

Reliability measures (N=55) for this test are excellent, as shown in the following table. Figures have risen since last norming at N=45 (Cronbach's alpha of 0.908).

Cronbach's α	0,9164
Split-Half (Spearman-Brown Correction)	0,9144

4. Solvability

A table of NCAA items' solvability at N=55 follows (number of candidates that answered correctly to the total number of candidates, multiplied by 100). All items have been solved more than once. Percentages are not linked to corresponding items, in order not to predispose candidates against any question's difficulty. Current percentages still provide a rough approach; a quite representative presentation of each item's difficulty is expected after a total of 100 testees.

S%	S%	S%	S%	S%
100	87.27	70.9	60	30.9
100	85.45	69.09	56.36	27.27
98.18	85.45	67.27	51.78	27.27
98.18	83.63	63.63	47.27	16.36
94.54	76.36	61.81	36.36	14.54
92.72	70.9	61.81	36.36	7.27

5. Correlations with other tests

Test	Pairs (n)	Pearson r	NCAAavg	TestIQavg	NCCAIQavg
Supervised	34	0.794	18.8	137.7	138.6
RAPM	9	0.794	19	140	139
WAIS	6	0.921	17.1	136.1	136.1
X. Jouve, PhD	32	0.501	19.6	144.6	140.2
C-09	10	0.715	20.1	143.7	141.3
JCTI	10	0.227	19.7	143.4	140.4
TLAP-R	3	0.899	19.7	143	140.4
JCCES	3	0.987	19.3	147	139.7
J. Wai, PhD	20	0.909	23	158.1	149
SLSE I	12	0.907	21.4	154.3	144.8
SLSE II	4	0.993	24.8	161	153.4
SLSE 48	4	0.953	26	166	157

NCAAavg: Mean raw score on NCAA of relevant candidates.

TestIQavg: Mean IQ performance on each test or set of tests of relevant candidates.

NCCAIQavg: Mean IQ performance on NCAA (2nd Norm) of relevant candidates.

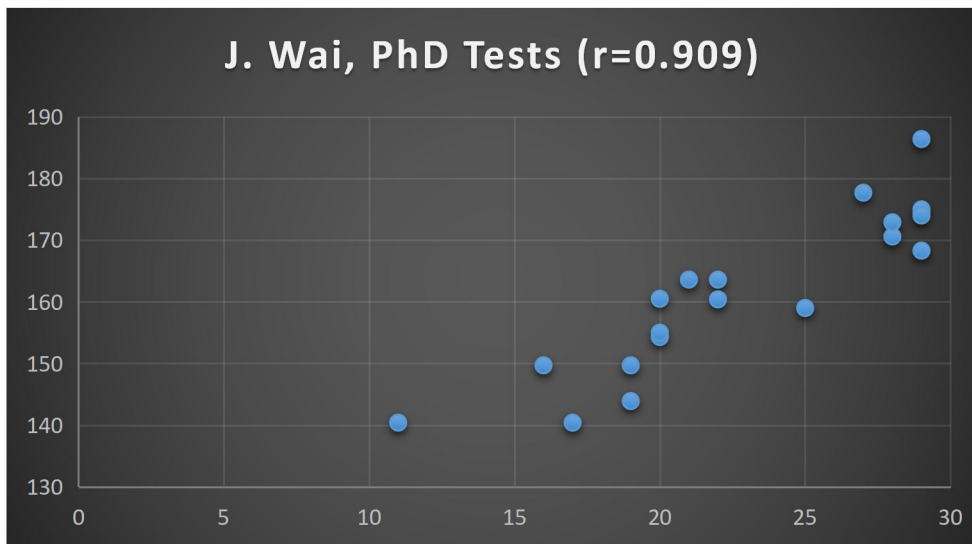
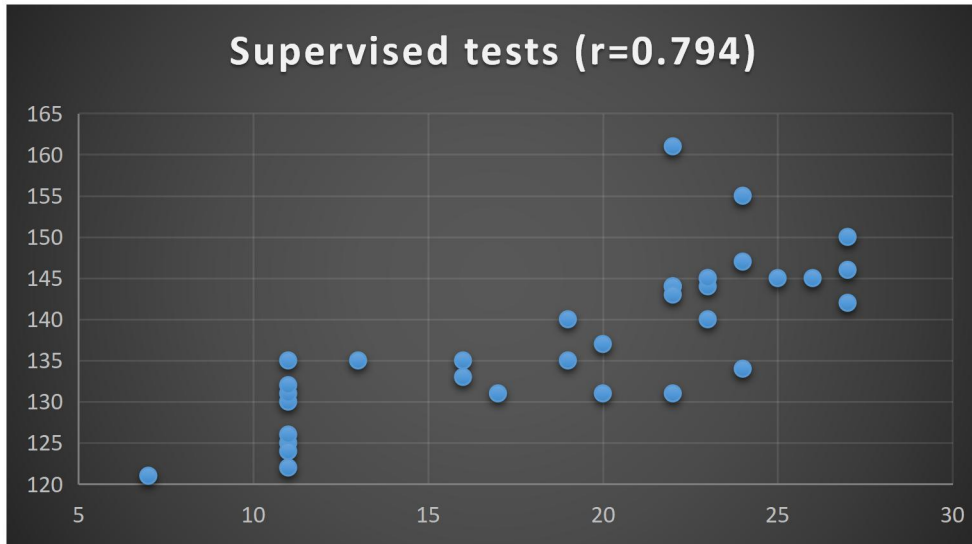
Supervised: WAIS, RAPM, IBF-S, FRT-B, CFIT20R, FRT-A, OLSAT, IST70-R, BADYG-R, RAIT, SRA-PRT, CCFIT III, Unknown Mensa Entrance Tests.

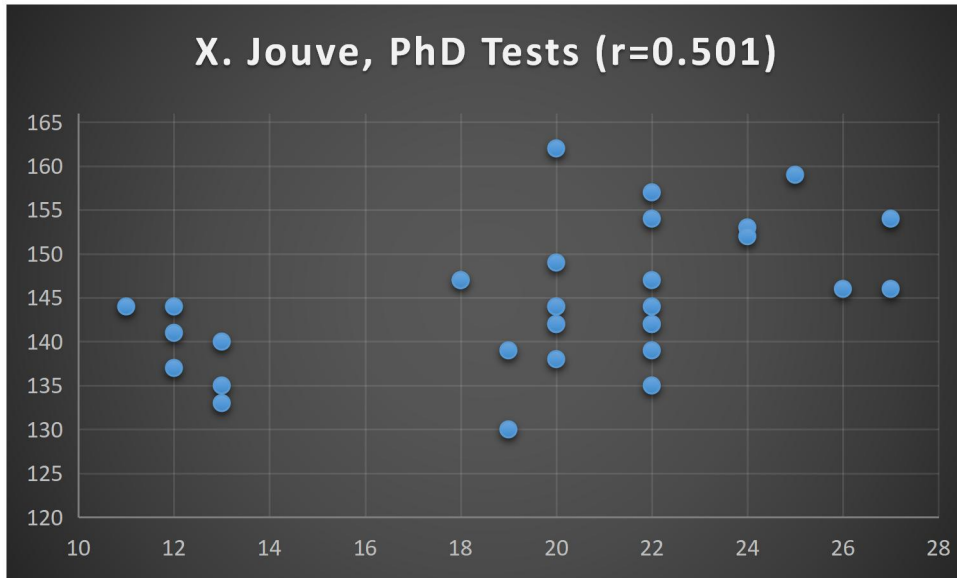
X.Jouve, PhD: C-09, JCCES, C-10, NVCPE-R, JCTI, TLAP-R, CSE, NVCPE.

J.Wai, PhD: SLSE I, SLSE II, SLSE 48.

It has to be noticed that in case of supervised tests, scores reported as "equal or greater" (as in FRTs for example) were calculated, too. A score of

"greater than 131" was calculated as 131. Therefore, both Pearson's r and mean IQ scores may appear lower than they would in fact be. Experimentally, a slight raise of these scores (+2 points) would yield a Pearson's r of 0.908. Scatterplots follow.





6. 3rd Norm

Raw Score	IQ (sd15)	Raw Score	IQ (sd15)
7	113	19	139
8	117	20	141
9	120	21	144
10	122	22	146
11	125	23	149
12	127	24	151
13	129	25	154
14	131	26	157
15	132	27	161
16	134	28	164
17	136	29	169
18	137	30	175

7. Summary

NCAA seems to work fine as an IQ estimation tool, showing high positive to excellent correlation with classic psychometric batteries. Next norming procedure at a total of 100 candidates (or earlier, if felt necessary).