Scores of high range tests' candidates on supervised intelligence assessment batteries & tests by T. Prousalis & X. Jouve.

T.Prousalis-hriqtests.com, July 2024

Following presentation is the result of data collection and relevant work for several years – which, I have to say, was not that easy. Since HRTs aim (in many cases) at offering an alternative method for IQ estimation, it would be quite interesting to examine how HRTs candidates perform on standard psychometric batteries that measure IQ.
Several categories including raw data follow; conclusion, as well as some thoughts, will be presented at the end.

Besides standard batteries, some data regarding tests by X. Jouve are presented, for the following reasons :
-It can be taken for granted that reported scores correspond to 1st submissions.
-X. Jouve has active presence in HR testing for over two decades.
-X. Jouve is a certified psychologist and has presented academic work on IQ assessment.

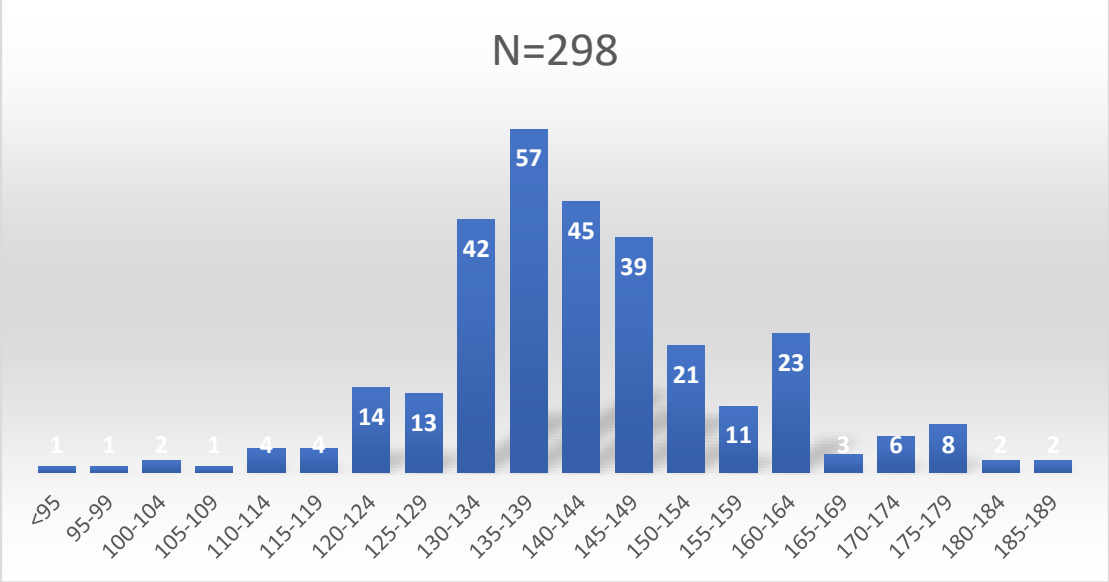
All of the above may both reflect quality of items and quality of norming procedures. At this point, I have to express my respect to almost all HRT creators : After all, I have tried most of tests out there in the past years. Some of the reasons why I am not (currently) using data of their tests (even though I scored quite high on some of them, but that's not the case and should never be the case), are the following :
-Compromisation of several tests/test items, and therefore, a lot of pseudo-high scores.
-Unclear whether reported scores are 1st or 2nd submissions (or even 3rd in some cases).
-"Foggy" norming procedures, in some cases, despite tests' quality.

So, the point is neither to praise nor to underestimate anyone. The point of this paper is to present some facts. A lot of technical details (plots etc.) are omitted, so as everything can be easily understood by those interested but not much acquainted with statistics.

Tests used (298 scores in total, 171 individuals) : B53 (1), BLS4-2T (1), BADyG (2), CCFIT III (21), CFT 20-R (2), CTMM (4), FRT A/B (28), GAMA (1), IBF-S (3), IDF Assessment (2), IST2000R (2), IST70R (3), MAB-II (1), MAT (11), Navy GCT (1), OLSAT (2), RAIT (3), RAPM (39), RIAS (1), RSPM (5), SB (12), WAIS (R,III, IV) (108), WASI-2 (1), WISC (11), WPT (4), Undefined Mensa Entrance Tests (29).

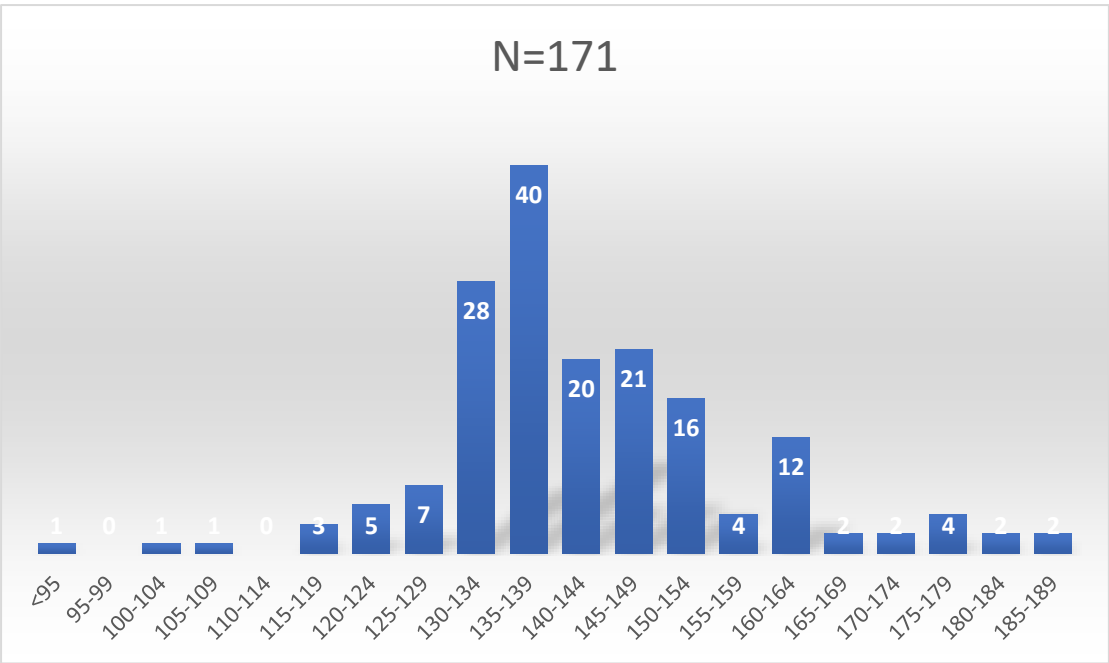
Tests excluded : Ravens II (10) is not included in the stats, as most scores are ceiling scores and are result of self-assessment.

1.Scores on supervised tests (ceiling scores included).



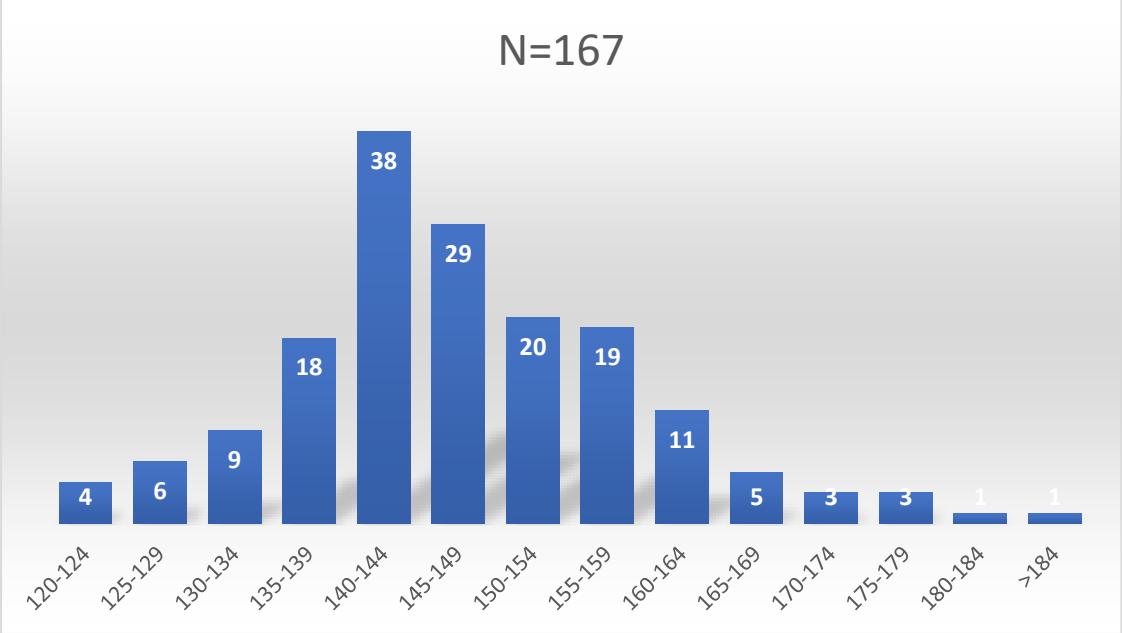
Mean : 141.98
Median : 140
Quartile deviation : 8.375.
Distribution of scores **is not** normal. Removal of ceiling scores leads to the same result.

2.Scores on supervised tests (individuals' means)



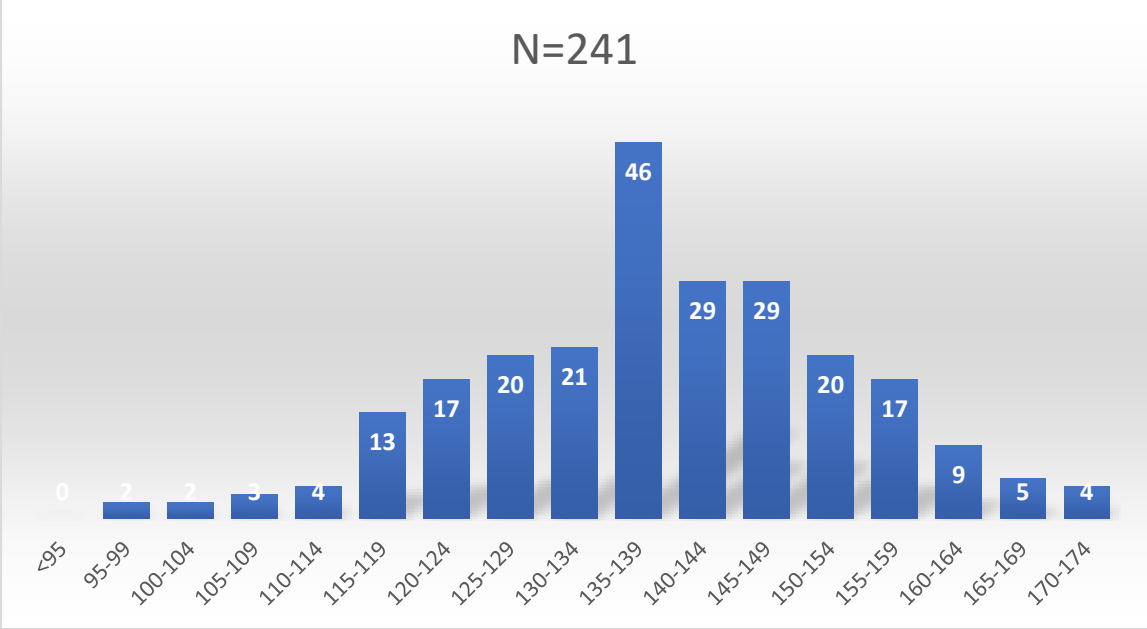
As several candidates reported scores on more than one test, average score was calculated for each of them. Not necessarily a "scientific" approach.
Mean : 142.18
Median : 138.5
Quartile Deviation : 8

3. Scores on test by X. Jouve



Mean : 147.63
Median : 147
Quartile Deviation : 7.5

4.Scores on tests by T. Prousalis



Mean : 139.24
Median : 139
Quartile Deviation : 9
Tests used are the currently available ones.

3.Correlation between specific tests

	SPB	Jouve	Prousalis
SPB		0,883 (153)	0,801 (184)
Jouve			0,891 (88)
Prousalis			

SPB : Standard psychometric batteries
Numbers in brackets show N.

One has to note the outstanding correlation between standard psychometric batteries and tests by X. Jouve (0,883 at N=153).

4. Samples' simple measures

	N	Mean	Median	QD
SPB	298	141,98	140	8,375
WAIS	108	141,14	143	9,375
Jouve	167	147,63	147	7,5
Prousalis	241	139,24	139	9

Measures on Jouve tests regard reported scores and consequently may not match with author's relevant measures.

5. Conclusion – thoughts

- ➔ Distribution of IQs of HRT candidates departs significantly from normal distribution; this may be of use to HRT authors for statistical & norming purposes.
- ➔ Mean performance of HRT-candidates population on supervised IQ tests lies within 138-142 (SD=15). This is important in HRT norming procedure, especially when there is lack of data.
- ➔ I am rather satisfied with the correlation of my tests with supervised IQ tests (0.801, N=184). I have worked a lot on items of my tests and I have removed several tests through the years; all in favor of creating qualitative items. I should, however, improve my norming methods a bit.
- ➔ Jouve's work of high quality is proven, once again. His tests should probably become a standpoint in High Range Testing.