

INSIGHT

The Journal of the Titan Society

(Issue #7, September 1986)

EDITORIAL

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We now have a 12th member: Ray Wise. I sent him the first six issues of this journal and he sent me a brief autobiographical sketch, which appears on the following page.

Of the 20 people who have been invited to join, 12 have done so. I am sorry to say that only one of the three women invited to join has done so.

I am not anxious for our group to grow too rapidly because that would detract from the appearance of eliteness that I wish maintain. Mensa currently has 70,000 members worldwide, and our membership ideally should be at about 1/2,000th of that (since Mensa accepts the top 1/50th of the general population and we strive to accept only the top 1/100,000th). So our current ceiling membership goal should be around 35 members. Mensa is striving for a membership of 100,000 in the near future, so I would find it acceptable if our membership eventually levels off at 50, but certainly not higher before the year 2000.

Mensa recruits mainly by putting sample tests in various mass-circulation periodicals from time to time. Indications are that Omni would probably be willing to accept another of my tests for publication, which would help to boost our membership to 20 or 25 by the year 1990.

Chris Cole is seeking to hold a meeting of the four Titan members living in Southern California (himself, Jeff Ward, Dean Inada, and Ron Lee), and Ray Wise has suggested a meeting here in the New York area between himself, Eric Hart, and me.

I'd appreciate your filling out the questionnaire on the last page and returning it to me for publication in an upcoming issue of Insight.

AUTOBIOGRAPHICAL DATA

RAY WISE
50 FAIRVIEW STREET
HUNTINGTON, N.Y. 11743
(516) 673-8054

PERSONAL DATA

31 years old 6'1" 170 lbs. Blue eyes, Brown hair
Occupation - Software Engineer, Grumman Aerospace
Married, no children
Spouse's occupation - Chiropractor, office in our home
Sisters - 1 older, 3 younger
Brothers - 1 younger

EDUCATION

B.S., Industrial Engineering Columbia University 1976
M.S., Computer Science Polytechnic Institute of N.Y. 1981

INTERESTS

Competitive road running, bicycling. Training for races includes running, biking and regular work-outs on free weights and rowing machine. Enjoy bridge, backgammon, puzzles & games in general, and, of course, words & languages. Much of my recreational energy goes into some form of physical or mental competition, the main goal of which is self-improvement. Non-competitive hobbies are reading, movies, and woodworking.

MEGA TEST STATISTICAL DATA

Professor Joseph O'Rourke
Dept. of Electrical Engineering
Johns Hopkins University
Baltimore, MD 21218

n = number of pairs of scores for the Mega Test and other test
r = correlation between the pairs of scores
ax = average score on other test; ay = average on Mega Test

finished reading LAIT.x
finished reading LAIT.y
n=78
sx=12111, sy=1869, sx2=1890531, sy2=50549, sxy=294963
avgx=155.269231, avgy=23.961538
num=371655, dx=785097, dy=449661
a=-49.540954, b=0.473387, r=0.625512
checking averages: for ax=155.269231, ay=23.961538

finished reading CTMM.x
finished reading CTMM.y
n=63
sx=8953, sy=1145, sx2=1279561, sy2=25779, sxy=164265
avgx=142.111111, avgy=18.174603
num=97510, dx=456134, dy=313052
a=-12.205185, b=0.213775, r=0.258045
checking averages: for ax=142.111111, ay=18.174603

finished reading SB.x
finished reading SB.y
n=45
sx=6554, sy=780, sx2=962144, sy2=17452, sxy=114829
avgx=145.644444, avgy=17.333333
num=55185, dx=341564, dy=176940
a=-6.197802, b=0.161566, r=0.224477
checking averages: for ax=145.644444, ay=17.333333

finished reading GRE.x
finished reading GRE.y
n=87
sx=126404, sy=1911, sx2=184621940, sy2=49163, sxy=2815024
avgx=1452.919540, avgy=21.965517
num=3349044, dx=84137564, dy=625260
a=-35.867052, b=0.039804, r=0.461738
checking averages: for ax=1452.919540, ay=21.965517

finished reading SAT.x
finished reading SAT.y
n=165
sx=227057, sy=3135, sx2=314640031, sy2=72321, sxy=4400468
avgx=1376.103030, avgy=19.000000
num=14253525, dx=360723866, dy=2104740
a=-35.374886, b=0.039514, r=0.517292
checking averages: for ax=1376.103030, ay=19.000000

Johns Hopkins University
Department of Electrical Engineering and Computer Science
Baltimore, MD 21218

27 March 1986

Ronald K. Hoeflin
439 W. 50th Street
New York, NY 10019

Dear Ron:

(EXCERPT)

These graphs confirm what I've long believed: if these tests measure anything, they do so rather unreliably, so unreliably as to make individual scores nearly meaningless. Fortunately this does not detract from my enjoyment in the challenge of your tests.

Best regards,



Joseph O'Rourke

(Editor's Comment: On the contrary, Fred Britton tells me that the correlation of 0.62 between my test and the LAIT is rather good considering the restricted range of IQ's involved. Fred, who studied under Cattell (famous IQ test designer) for 2 years at the University of Illinois Graduate Psychology Department, sent me the following formula for correcting for the restricted range of one's sample in order to estimate the correlation that would result if one's range of subjects were unrestricted.

$$r_{est} = \frac{r_c}{(1 + r_c(c - 1))^{\frac{1}{2}}}$$

where r_{est} = estimate of r
without restriction
of range

r_c = r measured with
curtailed range

s_p = standard deviation
of general population

s_c = standard deviation
of curtailed
sample

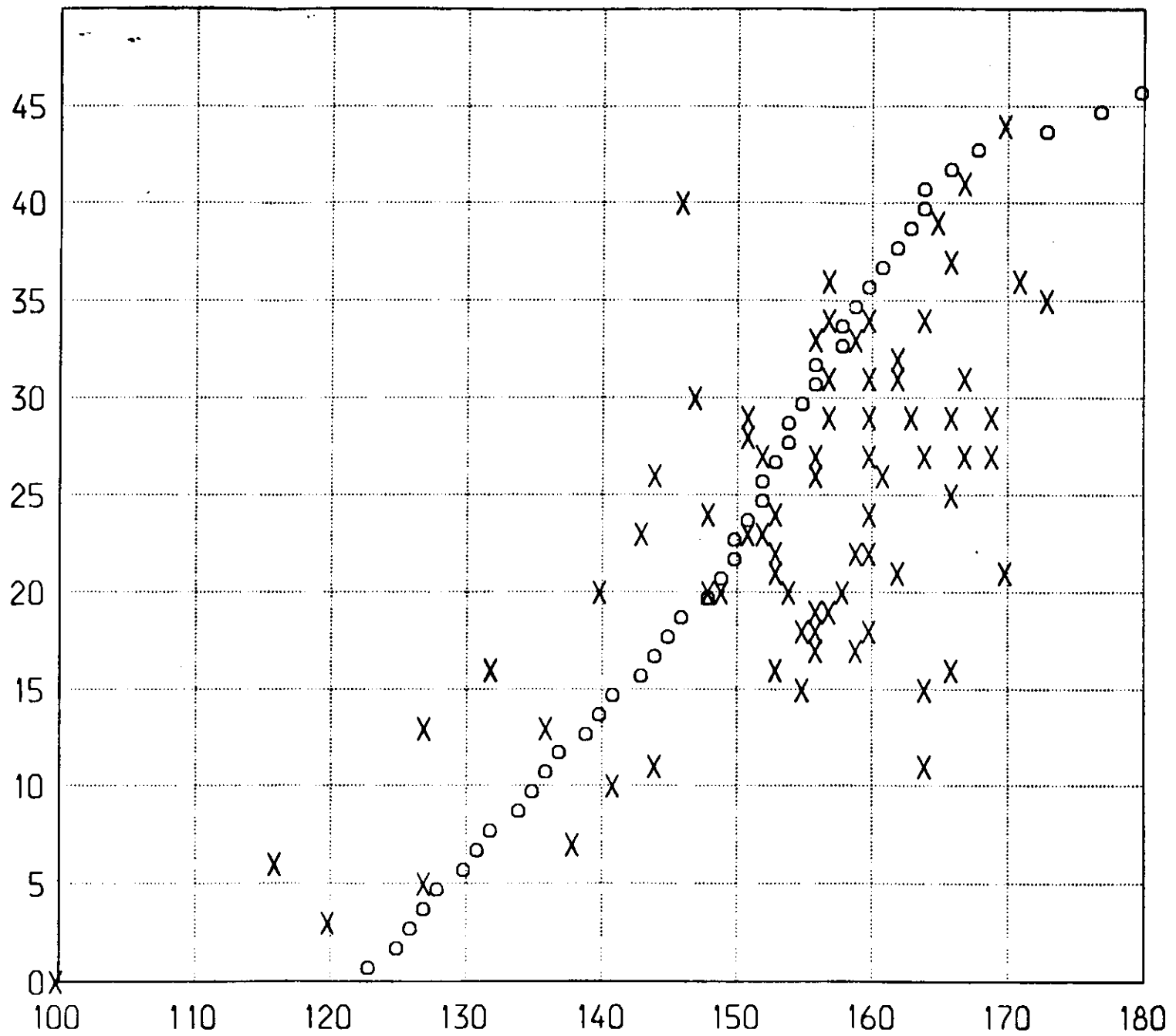
$c = s_p/s_c$ = curtailment
ratio

Thus, for $r_c = 0.62$, $s_p = 16$ IQ points,
and $s_c = 10$ IQ points, the result
is $r_{est} = 0.894$, which is a re-
spectable correlation.

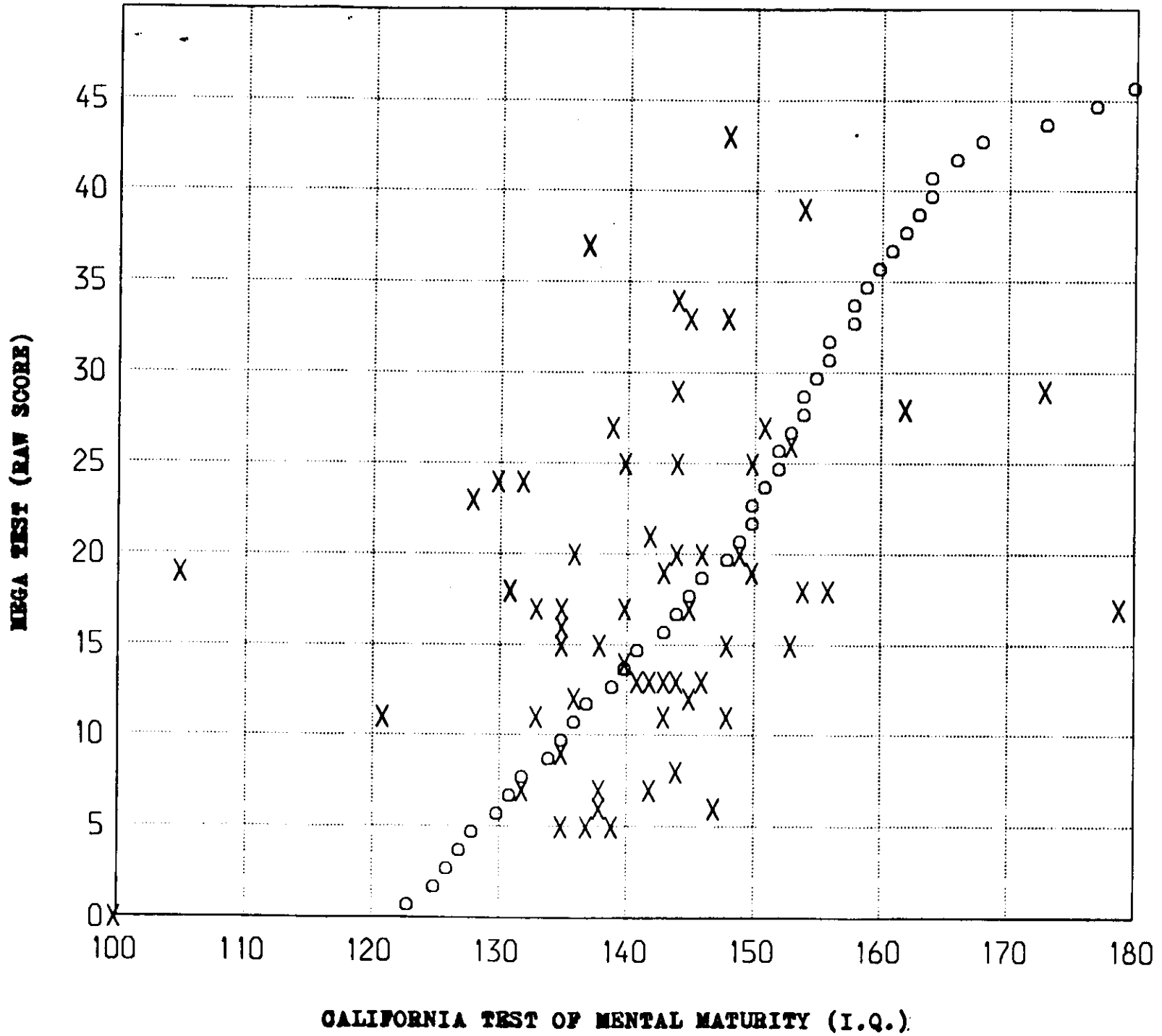
I have not calculated r_c for these five
tests but it is probably in the
vicinity of 10 IQ points.

Fred Britton's address: 96 W. 62nd Ave., Vancouver, B.C. V5X 2E1.

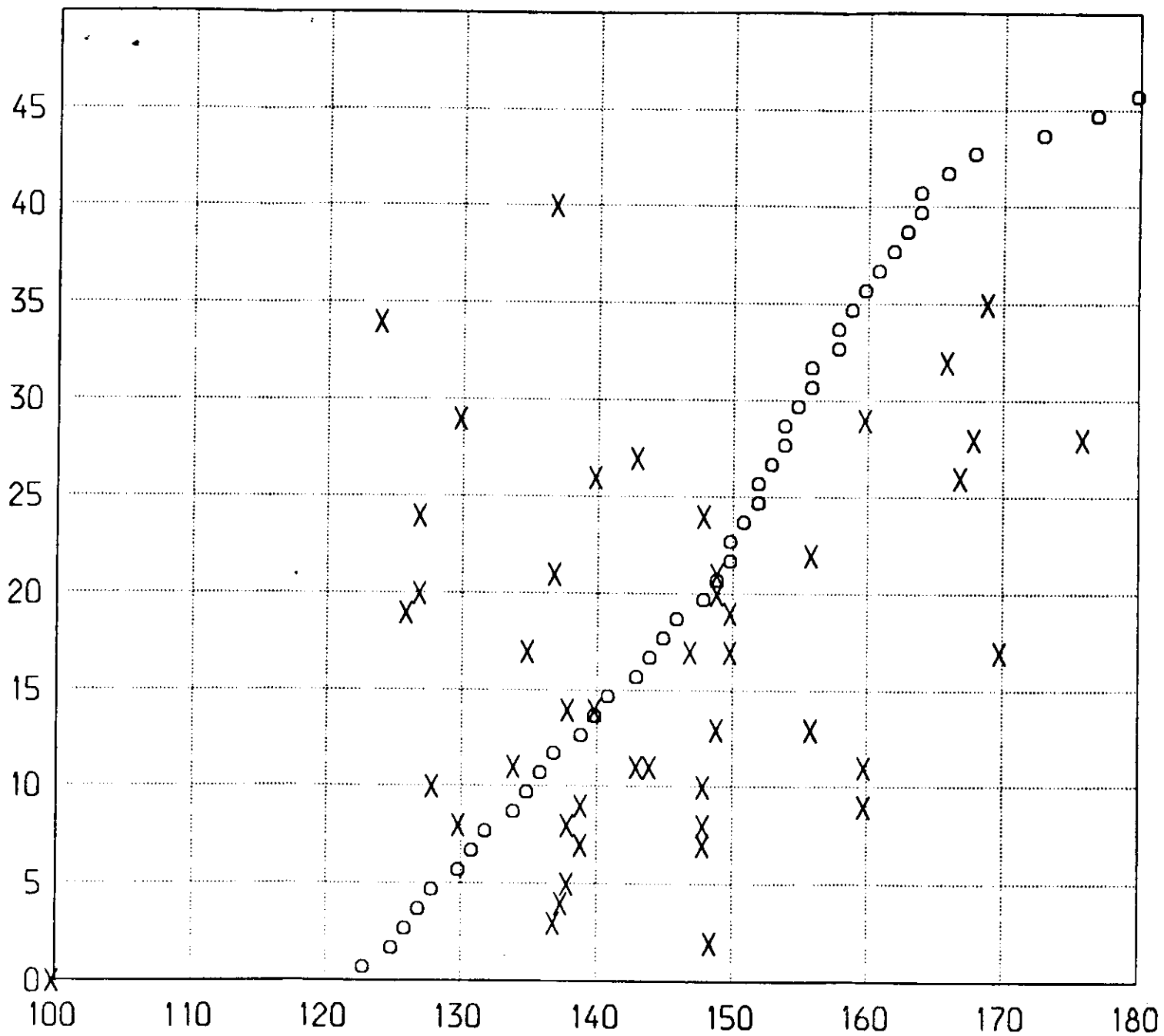
MEGA TEST (RAW SCORE)



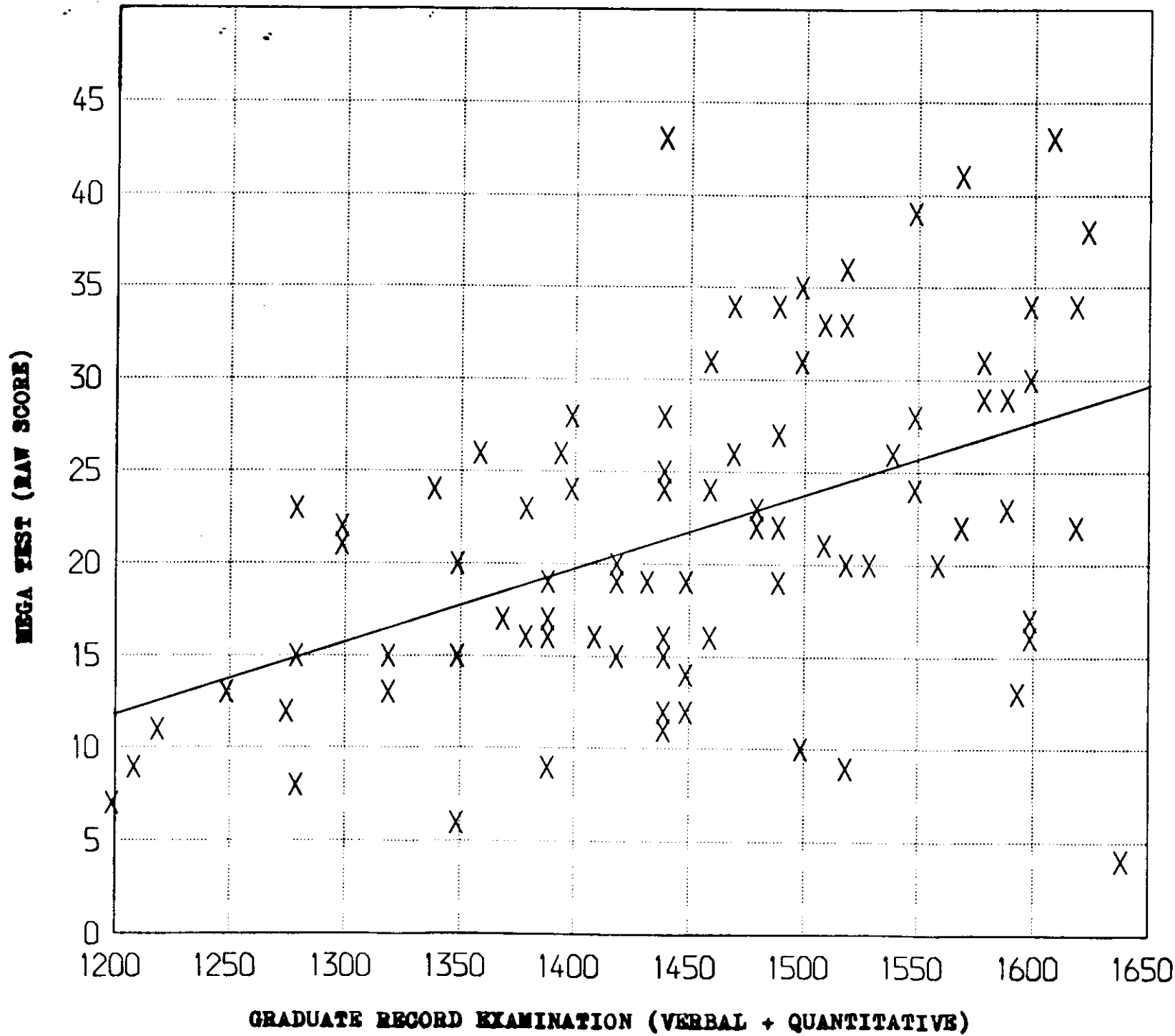
LANGDON ADULT INTELLIGENCE TEST (I.Q.)



MEGA TEST (RAW SCORE)



STANFORD-BINET (I.Q.)



This is a revision of the GRE graph in issue #2, page 4.
 For the SAT graph, which needs no revision, see issue #2,
 page 5.

QUESTIONNAIRE

(please print clearly)

Name: _____

Address: _____

Day Phone: _____

Evening Phone: _____

Occupation: _____

Hobbies or Interests: _____

Are you satisfied with the name "Titan Society": _____

If you have alternate names to suggest (regardless of how you answered the previous question) put them here:

Would you be able and willing to attend a meeting of the Titan Society in Southern California in 1987 if some convenient weekend could be found: _____

Suggested questions for future questionnaires:

Miscellaneous remarks: _____
