

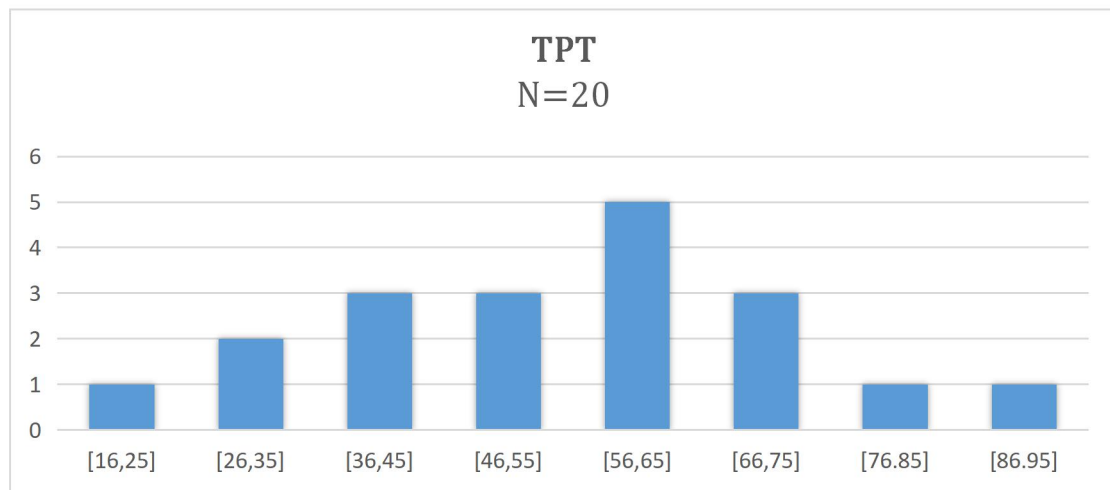
The Polymath Test Preliminary Stats & Norm

June 7th, 2021

Polymath Contest ended as of May 31st, lasting 2 months and having gathered a total of N=20 candidates, a fact which allows some preliminary stats to be presented. As is quite common for such contests, sample of candidates is within range of extreme capability, averaging an IQ of 148 (M=100, SD=15), according to reported scores on standard psychometric batteries.

Balanced score : In TPT, a balanced (and not raw) score, ranging from 0 to 100, was provided to candidates. Adapting raw scores is a common phenomenon on several types of tests, mainly for functional and statistical reasons. The most typical example is the case of score recalculation on multiple-choice tests. In case of TPT, further details or explanations won't be given, in order not to predispose candidates towards certain tactics. What is meaningful and should be mentioned is that psychometrics of BSs is clearly better than that of RSs.

1. Graph & fundamental figures



Mean	55,6
Median	58,5
SD	19,99
Variance	399,41
SEM	4,47
MinBS	17
MaxBS	90
Cronbach's α	0,91

2. Correlation with standard psychometric batteries & other tests

Correlations with standard psychometric batteries & tests by Dr. Jouve, follow. Tests used : WAIS, SBIS, CCFIT, IST70R Raven's 2, FRT-A, ACT, (theoretical score-to-IQ correlation), BADyG-R, C-09, JCCES, CCAT, JCTI, TLAP-R.

Test	Pairs (Range)	Rho	MeanBS	MeanIQ
Total	27 (121-181)	0,87	56,7	145,04
Supervised	14 (121-181)	0,83	63,36	148
Jouve	13 (124-172)	0,95	49,54	141,85

3. TPT Preliminary Norm

Norm follows, according to aforementioned correlations.

BS: Balanced score on TPT (x/100).

TIQ: Theoretical IQ attributed to raw score points achieved (M=100, SD=15).

BS	TIQ	BS	TIQ	BS	TIQ	BS	TIQ
1	101	26	120	51	139	76	158
2	102	27	121	52	140	77	159
3	103	28	122	53	140	78	160
4	104	29	122	54	141	79	161
5	104	30	123	55	142	80	162
6	105	31	124	56	143	81	163
7	106	32	125	57	143	82	164
8	107	33	125	58	144	83	165
9	107	34	126	59	145	84	166
10	108	35	127	60	146	85	167
11	109	36	128	61	146	86	168
12	110	37	128	62	147	87	169
13	110	38	129	63	148	88	170
14	111	39	130	64	149	89	171
15	112	40	131	65	149	90	172
16	113	41	131	66	150	91	173
17	113	42	132	67	151	92	174
18	114	43	133	68	152	93	175
19	115	44	134	69	152	94	176
20	116	45	134	70	153	95	177
21	116	46	135	71	154	96	178
22	117	47	136	72	155	97	179
23	118	48	137	73	155	98	180
24	119	49	137	74	156	99	181
25	119	50	138	75	157	100	182