TSTST 2021 Statistics

Mathematical Olympiad Summer Program

Evan Chen《陳誼廷》

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§1 Summary of scores for TSTST 2021

N	60	1st Q	14	Max	50
μ	24.80	Median	28	Top 3	49
σ	13.79	3rd Q	36	Top 12	38

§2 Problem statistics for TSTST 2021

	P1	P2	P3	P4	P5	P6	P7	P8	P9
0	15	37	54	23	16	48	20	23	49
1	4	3	5	1	1	11	0	6	5
2	1	0	0	3	0	0	0	4	1
3	0	0	0	1	1	0	0	0	1
4	0	1	0	0	0	0	0	0	0
5	0	0	0	0	1	0	1	0	1
6	1	4	1	8	1	0	0	0	0
7	39	15	0	24	40	1	39	27	3
Avg	4.75	2.27	0.18	3.77	4.92	0.30	4.63	3.38	0.60
QM	5.71	3.87	0.83	4.98	5.82	1.00	5.68	4.73	1.78
#5+	40	19	1	32	42	1	40	27	4
%5+	%66.7	%31.7	%1.7	%53.3	%70.0	%1.7	%66.7	%45.0	%6.7

§3 Rankings for TSTST 2021

Sc	Num	Cu	Per	Sc	Num	Cu	Per	Sc	Num	Cu	Per
63	0	0	0.00%	42	3	9	15.00%	21	2	37	61.67%
62	0	0	0.00%	41	1	10	16.67%	20	0	37	61.67%
61	0	0	0.00%	40	0	10	16.67%	19	0	37	61.67%
60	0	0	0.00%	39	1	11	18.33%	18	1	38	63.33%
59	0	0	0.00%	38	1	12	20.00%	17	1	39	65.00%
58	0	0	0.00%	37	2	14	23.33%	16	0	39	65.00%
57	0	0	0.00%	36	3	17	28.33%	15	0	39	65.00%
56	0	0	0.00%	35	2	19	31.67%	14	6	45	75.00%
55	0	0	0.00%	34	0	19	31.67%	13	2	47	78.33%
54	0	0	0.00%	33	1	20	33.33%	12	0	47	78.33%
53	0	0	0.00%	32	0	20	33.33%	11	0	47	78.33%
52	0	0	0.00%	31	0	20	33.33%	10	2	49	81.67%
51	0	0	0.00%	30	0	20	33.33%	9	0	49	81.67%
50	1	1	1.67%	29	7	27	45.00%	8	0	49	81.67%
49	2	3	5.00%	28	5	32	53.33%	7	7	56	93.33%
48	0	3	5.00%	27	1	33	55.00%	6	1	57	95.00%
47	0	3	5.00%	26	0	33	55.00%	5	0	57	95.00%
46	0	3	5.00%	25	0	33	55.00%	4	0	57	95.00%
45	1	4	6.67%	24	1	34	56.67%	3	0	57	95.00%
44	0	4	6.67%	23	0	34	56.67%	2	1	58	96.67%
43	2	6	10.00%	22	1	35	58.33%	1	0	58	96.67%
								0	2	60	100.00%

§4 Histogram for TSTST 2021