

# TSTST 2018 Statistics

## Mathematical Olympiad Summer Program

EVAN CHEN 《陳誼廷》

June 25, 2018

### §1 Summary of scores for TSTST 2018

$N$	90	1st Q	16	Max	62
$\mu$	28.24	Median	25	Top 3	57
$\sigma$	16.08	3rd Q	38	Top 12	54

### §2 Problem statistics for TSTST 2018

	P1	P2	P3	P4	P5	P6	P7	P8	P9
0	22	48	58	4	38	59	3	51	80
1	6	2	3	0	2	7	9	3	0
2	4	2	0	0	0	0	38	2	1
3	0	0	3	1	1	5	0	4	1
4	0	0	0	14	0	0	2	0	0
5	1	0	0	3	0	0	9	1	0
6	0	3	15	1	1	1	1	1	1
7	57	35	11	67	48	18	28	28	7
Avg	4.64	2.99	1.99	6.10	3.86	1.71	3.78	2.51	0.67
QM	5.62	4.51	3.51	6.35	5.16	3.28	4.50	4.06	2.09
#5+	58	38	26	71	49	19	38	30	8
%5+	%64.4	%42.2	%28.9	%78.9	%54.4	%21.1	%42.2	%33.3	%8.9

### §3 Rankings for TSTST 2018

Sc	Num	Cu	Per	Sc	Num	Cu	Per	Sc	Num	Cu	Per
63	0	0	0.00%	42	2	21	23.33%	21	2	57	63.33%
62	1	1	1.11%	41	0	21	23.33%	20	0	57	63.33%
61	0	1	1.11%	40	1	22	24.44%	19	3	60	66.67%
60	0	1	1.11%	39	0	22	24.44%	18	2	62	68.89%
59	0	1	1.11%	38	1	23	25.56%	17	0	62	68.89%
58	1	2	2.22%	37	2	25	27.78%	16	7	69	76.67%
57	1	3	3.33%	36	2	27	30.00%	15	3	72	80.00%
56	5	8	8.89%	35	0	27	30.00%	14	2	74	82.22%
55	3	11	12.22%	34	3	30	33.33%	13	2	76	84.44%
54	3	14	15.56%	33	1	31	34.44%	12	1	77	85.56%
53	0	14	15.56%	32	2	33	36.67%	11	0	77	85.56%
52	0	14	15.56%	31	1	34	37.78%	10	3	80	88.89%
51	1	15	16.67%	30	3	37	41.11%	9	0	80	88.89%
50	0	15	16.67%	29	1	38	42.22%	8	3	83	92.22%
49	1	16	17.78%	28	1	39	43.33%	7	1	84	93.33%
48	0	16	17.78%	27	1	40	44.44%	6	4	88	97.78%
47	0	16	17.78%	26	4	44	48.89%	5	0	88	97.78%
46	2	18	20.00%	25	3	47	52.22%	4	0	88	97.78%
45	0	18	20.00%	24	3	50	55.56%	3	1	89	98.89%
44	0	18	20.00%	23	3	53	58.89%	2	0	89	98.89%
43	1	19	21.11%	22	2	55	61.11%	1	1	90	100.00%
								0	0	90	100.00%

### §4 Histogram for TSTST 2018

