

USA IMO TST 2020 Statistics

United States of America — IMO Team Selection Tests

ANKAN BHATTACHARYA AND EVAN CHEN

61th IMO 2020 Russia

§1 Summary of scores for TST 2020

| | | | | | |
|----------|-------|--------|----|-------|----|
| N | 31 | 1st Q | 17 | Max | 34 |
| μ | 18.87 | Median | 19 | Top 3 | 29 |
| σ | 6.82 | 3rd Q | 22 | Top 6 | 23 |

§2 Problem statistics for TST 2020

| | P1 | P2 | P3 | P4 | P5 | P6 |
|-----|-------|-------|------|-------|-------|------|
| 0 | 1 | 20 | 19 | 3 | 8 | 31 |
| 1 | 4 | 1 | 1 | 1 | 0 | 0 |
| 2 | 0 | 0 | 10 | 0 | 1 | 0 |
| 3 | 0 | 0 | 0 | 1 | 1 | 0 |
| 4 | 1 | 1 | 0 | 3 | 2 | 0 |
| 5 | 1 | 0 | 0 | 1 | 0 | 0 |
| 6 | 2 | 0 | 0 | 10 | 1 | 0 |
| 7 | 22 | 9 | 1 | 12 | 18 | 0 |
| Avg | 5.77 | 2.19 | 0.90 | 5.32 | 4.68 | 0.00 |
| QM | 6.21 | 3.84 | 1.70 | 5.77 | 5.57 | 0.00 |
| #5+ | 25 | 9 | 1 | 23 | 19 | 0 |
| %5+ | %80.6 | %29.0 | %3.2 | %74.2 | %61.3 | %0.0 |

§3 Rankings for TST 2020

| Sc | Num | Cu | Per | Sc | Num | Cu | Per | Sc | Num | Cu | Per |
|----|-----|----|-------|----|-----|----|--------|----|-----|----|---------|
| 42 | 0 | 0 | 0.00% | 28 | 0 | 3 | 9.68% | 14 | 1 | 27 | 87.10% |
| 41 | 0 | 0 | 0.00% | 27 | 1 | 4 | 12.90% | 13 | 0 | 27 | 87.10% |
| 40 | 0 | 0 | 0.00% | 26 | 0 | 4 | 12.90% | 12 | 0 | 27 | 87.10% |
| 39 | 0 | 0 | 0.00% | 25 | 1 | 5 | 16.13% | 11 | 0 | 27 | 87.10% |
| 38 | 0 | 0 | 0.00% | 24 | 0 | 5 | 16.13% | 10 | 1 | 28 | 90.32% |
| 37 | 0 | 0 | 0.00% | 23 | 2 | 7 | 22.58% | 9 | 0 | 28 | 90.32% |
| 36 | 0 | 0 | 0.00% | 22 | 2 | 9 | 29.03% | 8 | 0 | 28 | 90.32% |
| 35 | 0 | 0 | 0.00% | 21 | 2 | 11 | 35.48% | 7 | 1 | 29 | 93.55% |
| 34 | 1 | 1 | 3.23% | 20 | 3 | 14 | 45.16% | 6 | 0 | 29 | 93.55% |
| 33 | 0 | 1 | 3.23% | 19 | 3 | 17 | 54.84% | 5 | 0 | 29 | 93.55% |
| 32 | 0 | 1 | 3.23% | 18 | 6 | 23 | 74.19% | 4 | 0 | 29 | 93.55% |
| 31 | 0 | 1 | 3.23% | 17 | 1 | 24 | 77.42% | 3 | 0 | 29 | 93.55% |
| 30 | 0 | 1 | 3.23% | 16 | 2 | 26 | 83.87% | 2 | 2 | 31 | 100.00% |
| 29 | 2 | 3 | 9.68% | 15 | 0 | 26 | 83.87% | 1 | 0 | 31 | 100.00% |
| | | | | | | | | 0 | 0 | 31 | 100.00% |

§4 Histogram for TST 2020

