

Science Olympiad  
Boyceville Invitational

December 7, 2024

Astronomy C Statistics



Statistics for the In-Person (IP) and Satellite (Sat) tournaments are provided.

# In-Person Statistics

## Overall Results

	Mean	Median	St. Dev.	Max
Total Score	38.0	34	19.4	80
Section A	18.0	17	8.1	37.5
Section B	2.4	1	2.7	10
Section C	13.2	13	8.8	32
Section D	4.4	2.5	5.0	20.5

## Section A Results

#	%	#	%	#	%	#	%	#	%
A1	56	A5	46	A9	59	A13	33	A17	88
A2	63	A6	57	A10	45	A14	49	A18	41
A3	23	A7	45	A11	22	A15	53	A19	33
A4	54	A8	29	A12	57	A16	14	A20	8

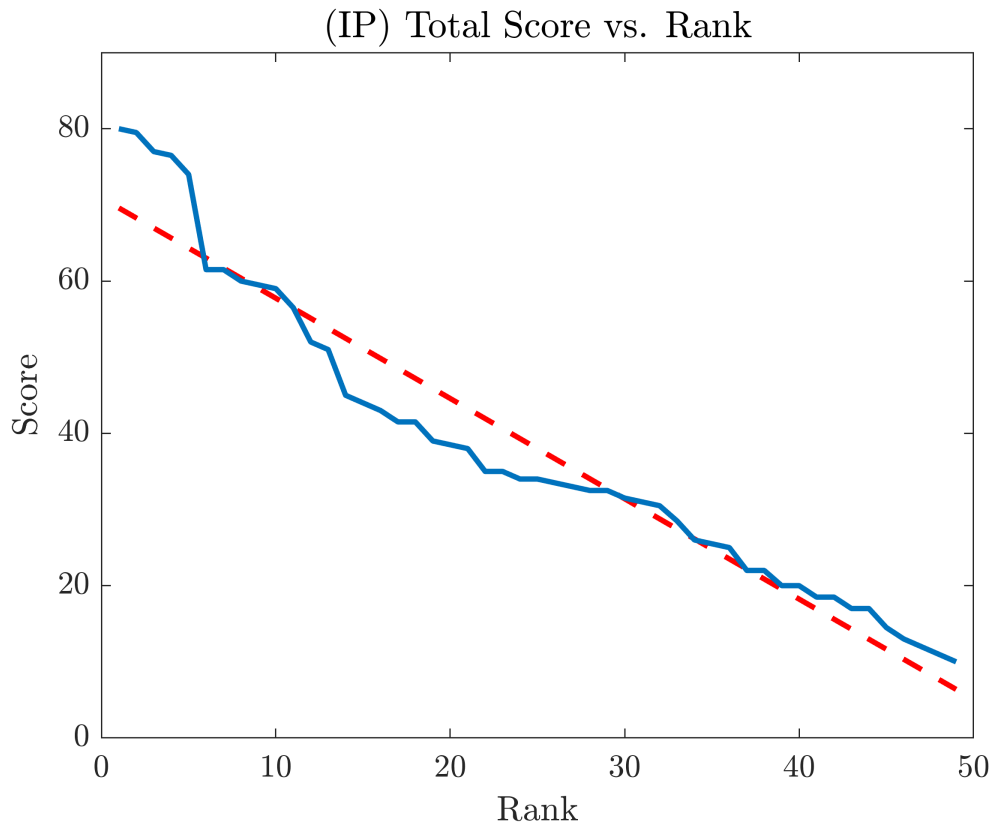
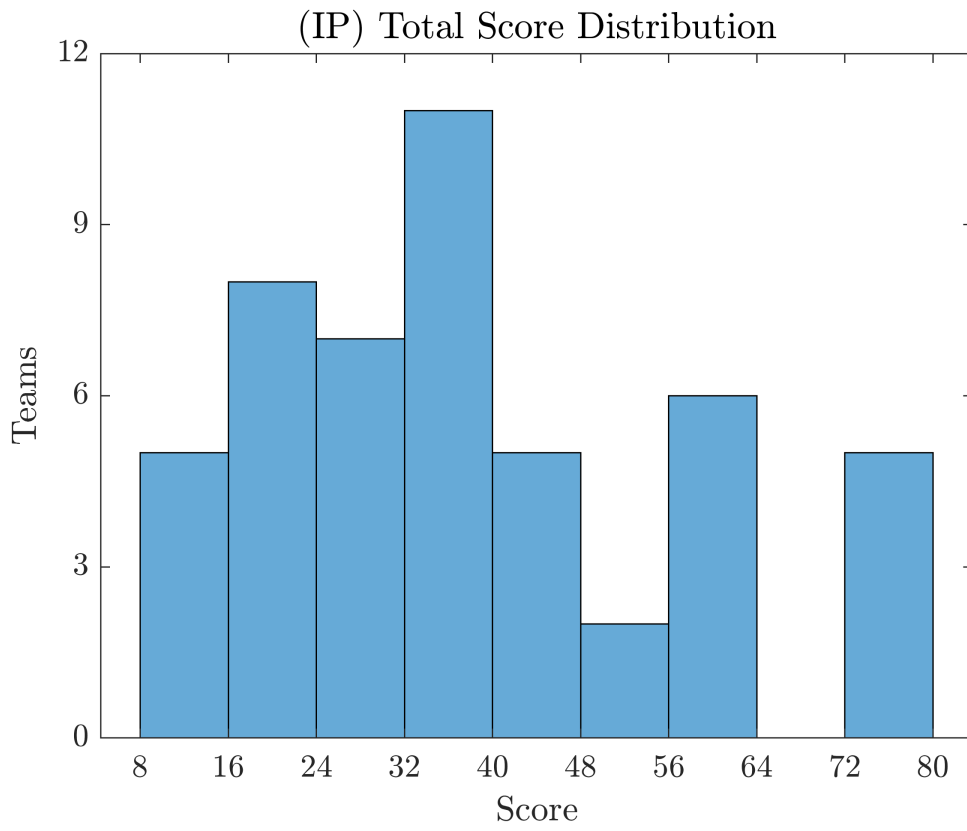
Full credit for non-multiple choice questions

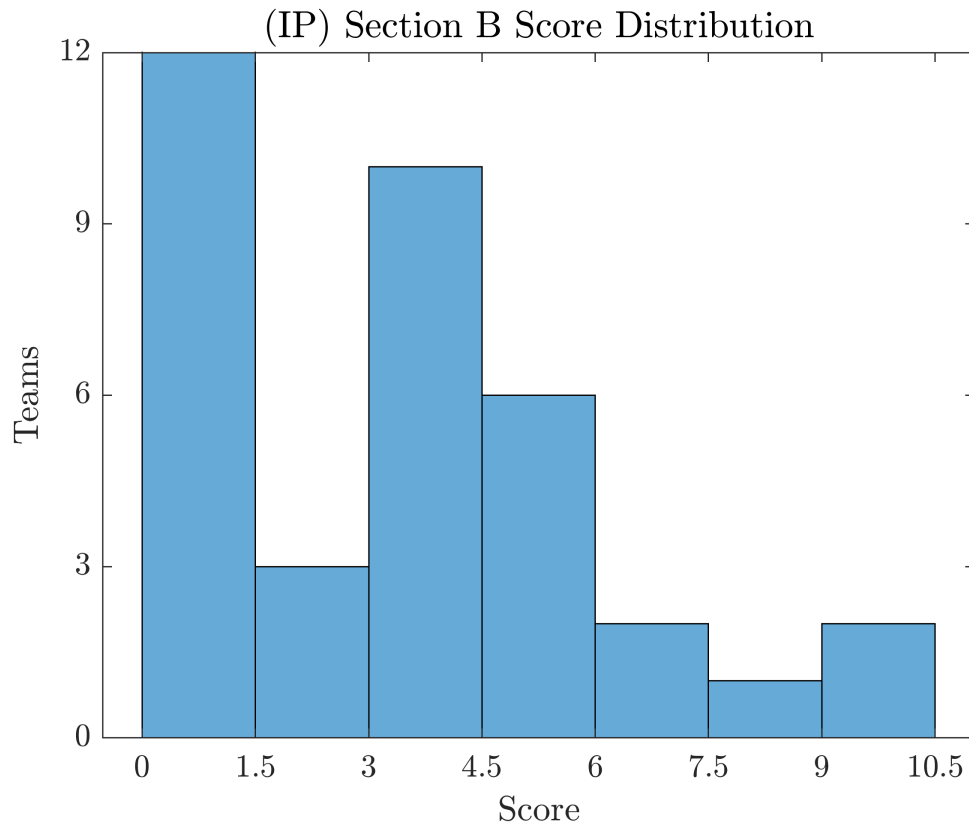
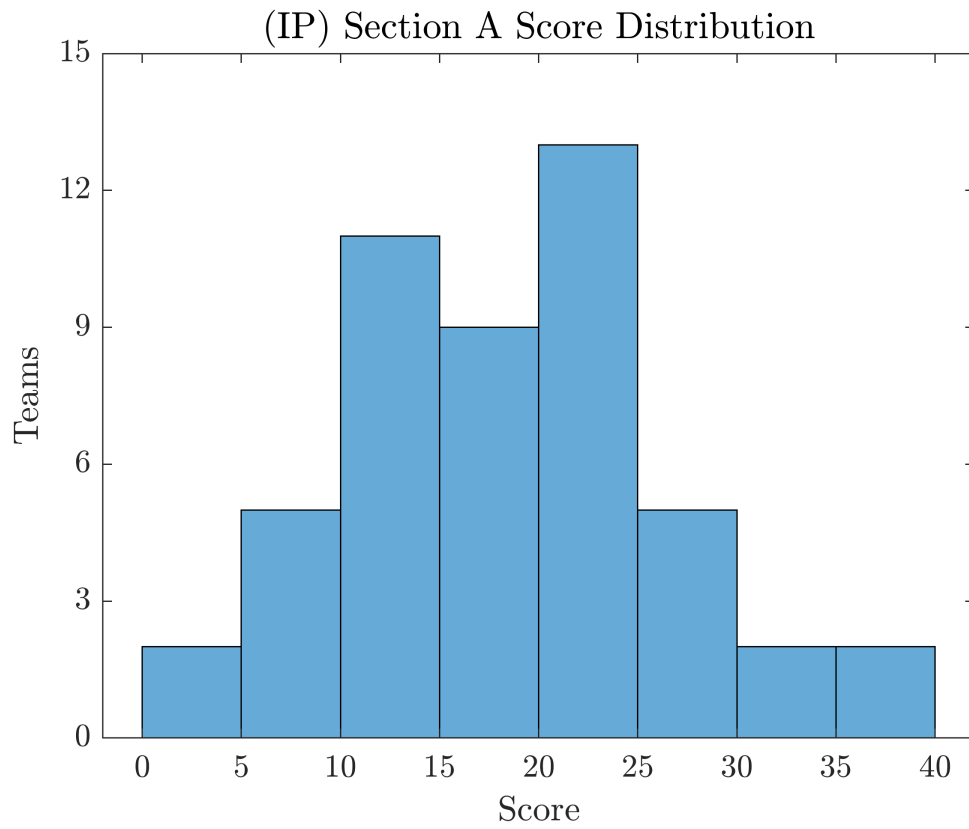
## Section C Results

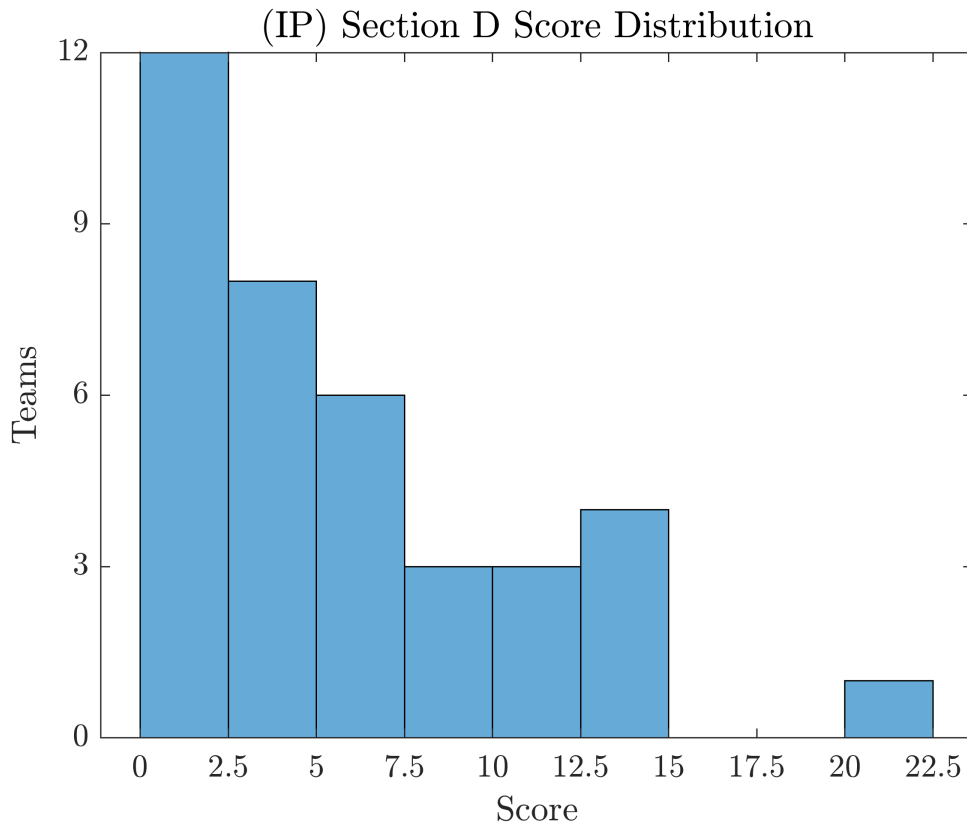
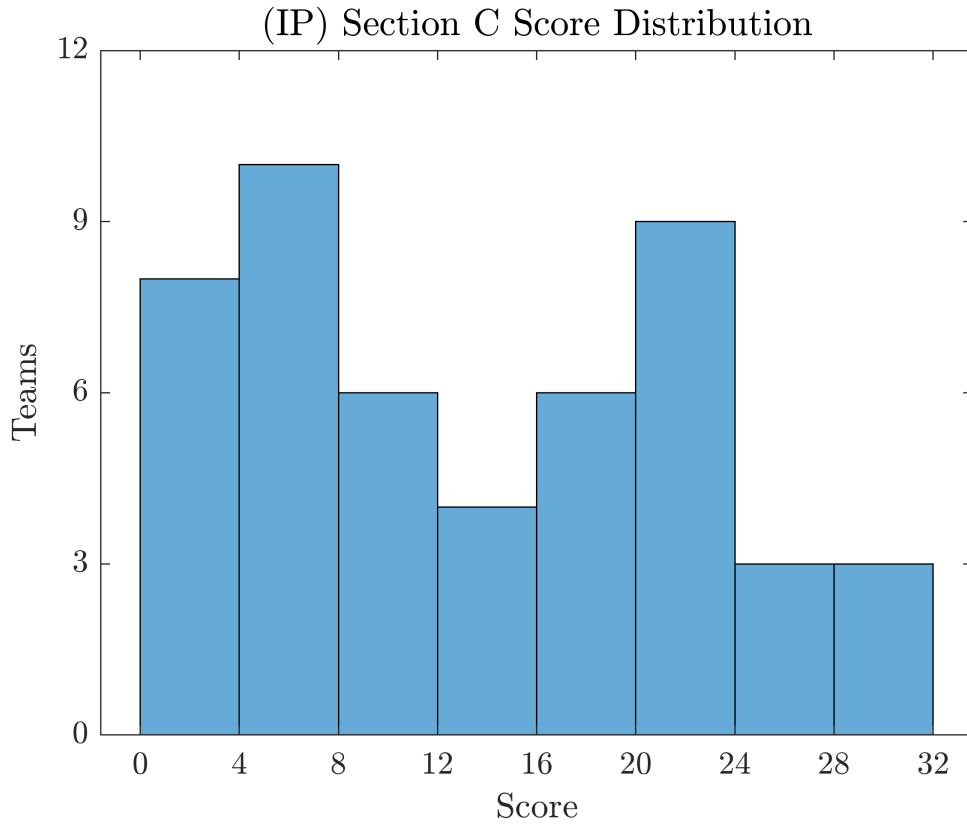
#	Mean	Median	St. Dev.	Max
C1-10	9.3	10	6.2	20
C11	1.1	1	1.3	6
C12	1.4	1	1.6	6
C13	0.7	0	1.0	4
C14	0.8	0	1.4	4

## Section D Results

#	Mean	Median	St. Dev.	Max
D1	1.7	1	2.2	11.5
D2	2.0	0	2.7	9
D3	0.8	0	1.2	4.5







# Satellite Statistics

## Overall Results

	Mean	Median	St. Dev.	Max
Total Score	45.2	41	22.2	113
Section A	23.0	22	7.8	40
Section B	—	—	—	—
Section C	17.0	16	10.3	44
Section D	5.2	2	7.5	38

## Section A Results

#	%	#	%	#	%	#	%	#	%
A1	71	A5	57	A9	82	A13	49	A17	92
A2	69	A6	64	A10	54	A14	68	A18	53
A3	34	A7	48	A11	33	A15	76	A19	56
A4	48	A8	28	A12	72	A16	38	A20	35

Full credit for non-multiple choice questions

## Section C Results

#	Mean	Median	St. Dev.	Max
C1–10	10.7	12	5.9	20
C11	1.2	1	1.6	7
C12	2.1	2	2.0	6
C13	1.4	1	1.7	6
C14	1.6	0	2.1	6

## Section D Results

#	Mean	Median	St. Dev.	Max
D1	1.9	1	3.0	14
D2	2.0	0	2.8	11
D3	1.4	0	2.6	14

