Peer Voting Analytics Report

Slot: 34936 | Group: B836

1. Voting Parameters

Parameter	Value
Group Size	6
Maximum Ranks	2
Rank Scores	{1: 2, 2: 1}
Deviation Threshold	0.33
Allowed Score Range	1.67 to 2.33
Bias Penalty	-2
Absence Penalty	-12

2. Score Component Analysis

Score Components by Member
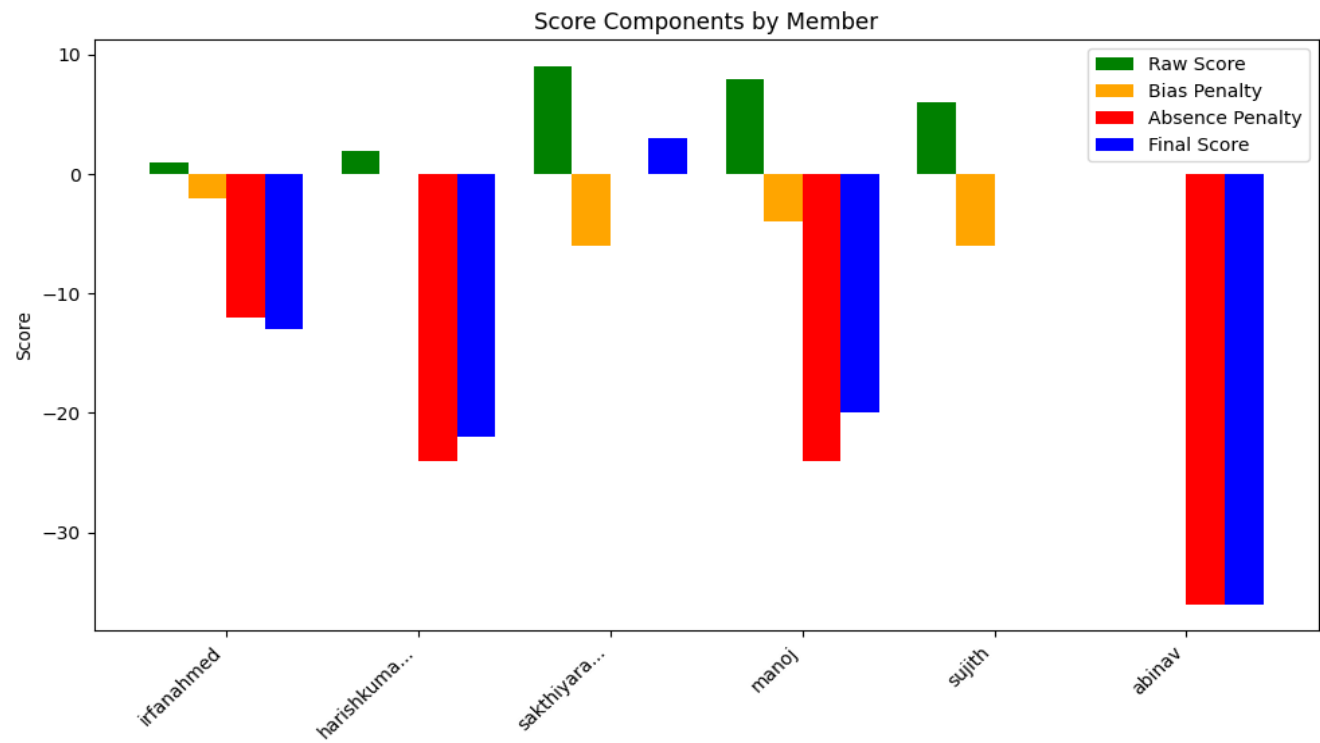
Member	Raw Score	Bias Penalty	Absence Penalty	Final Score
irfanahmed	1.0	-2.0	-12.0	-13.0
harishkumar	2.0	0.0	-24.0	-22.0
sakthiyaram@bitsathy.ac.in	9.0	-6.0	0.0	3.0
manoj	8.0	-4.0	-24.0	-20.0
sujith	6.0	-6.0	0.0	0.0
abinav	0.0	0.0	-36.0	-36.0

3. Detailed Question-wise Score Analysis

Highlighting: Orange = Bias Penalty, Red = Absence

Member: sakthiyaram@bitsathy.ac.in

Question	Raw Score	Bias Penalty	Absence Penalty	Total
Q1	0.0	-2.0	0.0	-2.0
Q2	0.0	0.0	0.0	0.0
Q3	9.0	-4.0	0.0	5.0
Q4	0.0	0.0	0.0	0.0

Member: sujith

Question	Raw Score	Bias Penalty	Absence Penalty	Total
Q1	1.0	0.0	0.0	1.0
Q2	2.0	0.0	0.0	2.0
Q3	0.0	-4.0	0.0	-4.0
Q4	3.0	-2.0	0.0	1.0

Member: irfanahmed

Question	Raw Score	Bias Penalty	Absence Penalty	Total
Q1	0.0	0.0	0.0	0.0
Q2	0.0	0.0	0.0	0.0
Q3	1.0	-2.0	0.0	-1.0

Q4	0.0	0.0	-12.0	-12.0

Member: *manoj*

Question	Raw Score	Bias Penalty	Absence Penalty	Total
Q1	0.0	0.0	-12.0	-12.0
Q2	0.0	0.0	-12.0	-12.0
Q3	6.0	-2.0	0.0	4.0
Q4	2.0	-2.0	0.0	0.0

Member: *harishkumar*

Question	Raw Score	Bias Penalty	Absence Penalty	Total
Q1	0.0	0.0	-12.0	-12.0
Q2	0.0	0.0	-12.0	-12.0
Q3	2.0	0.0	0.0	2.0
Q4	0.0	0.0	0.0	0.0

Member: *abinav*

Question	Raw Score	Bias Penalty	Absence Penalty	Total
Q1	0.0	0.0	-12.0	-12.0
Q2	0.0	0.0	-12.0	-12.0
Q3	0.0	0.0	0.0	0.0
Q4	0.0	0.0	-12.0	-12.0

4. Question Attendance Analysis

Member	Q1	Q2	Q3	Q4
sakthiyaram@bitsathy.ac.in	✓	✓	✓	✓
sujith	✓	✓	✓	✓
irfanahmed	✓	✓	✓	✗
manoj	✗	✗	✓	✓
harishkumar	✗	✗	✓	✓

abinav	×	×	✓	×

Legend: ✓ = Present, × = Absent

5. Reasons for Biasing

This section explains why bias penalties were applied, showing the deviation from expected voting patterns.

Member	Question	Recipient	Given Rank	Mean Rank	Deviation	Allowed Range	Penalty
irfanahmed	Q3	harishkumar	2 (score: 1)	2.60 (score: 0.40)	0.60	0.07 to 0.73	-2
manoj	Q3	irfanahmed	2 (score: 1)	2.80 (score: 0.20)	0.80	-0.13 to 0.53	-2
manoj	Q4	sujith	1 (score: 2)	2.00 (score: 1.00)	1.00	0.67 to 1.33	-2
sakthiyaram@bitsathy.ac.in	Q4	sujith	2 (score: 1)	2.50 (score: 0.50)	0.50	0.17 to 0.83	-2
sakthiyaram@bitsathy.ac.in	Q3	harishkumar	2 (score: 1)	2.60 (score: 0.40)	0.60	0.07 to 0.73	-2
sakthiyaram@bitsathy.ac.in	Q3	manoj	1 (score: 2)	1.80 (score: 1.20)	0.80	0.87 to 1.53	-2
sujith	Q3	sakthiyaram@bitsathy.ac.in	2 (score: 1)	1.20 (score: 1.80)	0.80	1.47 to 2.13	-2
sujith	Q3	manoj	1 (score: 2)	1.80 (score: 1.20)	0.80	0.87 to 1.53	-2
sujith	Q4	manoj	1 (score: 2)	2.33 (score: 0.67)	1.33	0.33 to 1.00	-2

How Bias is Determined:

Bias is detected when a voter gives a rank that deviates significantly from the average rank given to a member. The deviation threshold is calculated as (max_score - min_score) / 3, which for this group is 0.33. If a voter's score deviates from the mean score by more than this threshold, a bias penalty equal to -2 is applied. The allowed range for each vote is the mean score ± the deviation threshold.