

Heat Assignment Chart When # of Teams is Uneven

This system will more fairly assign teams to heats when the numbers of teams in preliminary heats are not equal. The intended outcome is to arrange teams so each has the same opportunity to compete in (L)ong- or (S)hort-teamed heats. These changes cover three possibilities: 1) 3 heats with one having fewer teams than the other two (L-L-S), 2) 3 heats with one having more teams than the other two (S-S-L), and 3) 2 heats with one having fewer teams than the other (S-L).

After heat I, using our current heat assignment system (CR20.7) based on our current scoring system, if necessary, teams are swapped to achieve a more equal distribution as follows:

Scenario 1 (L-L-S)

REQUIREMENT-If not already accomplished with the assignment of teams to session II heats, the highest scoring team from the short-team session I heat will be assigned to a long-team heat by switching with a team with the most similar scoring (rank) and was also in a long-team heat in session I.

After fulfilling the requirement, for teams that were in a short heat in session I and were again assigned to a short heat in session II:

- The highest scoring (ranked) team in the short-teamed heat will switch with a team in the first long-team heat of Session II with the most similar scoring (rank) and was also in a long-team heat in session I;
- The next highest scoring (ranked) team in the short-teamed heat will switch with a team in the second long-team heat of Session II with the most similar scoring (rank) and was also in a long-team heat in session I;
- Repeat as necessary alternating between long-team heat 1 and long-team heat 2.

Example:

| Session I teams | Rank after Session I | Session II | | | Session II after adjustment | | |
|-----------------|----------------------|------------|---------------------|---------------------------|-----------------------------|---------------------|---------------------------|
| | | Team | Rank from Session I | Number of Session I teams | Team | Rank from Session I | Number of Session I teams |
| Heat 1 (5-team) | | | | | | | |
| A | 9 | K | 1 | 4 | K | 1 | 4 |
| B | 3 | C | 4 | 5 | C | 4 | 5 |
| C | 4 | G | 7 | 5 | L | 6 | 4 |
| D | 5 | E | 10 | 5 | E | 10 | 5 |
| E | 10 | J | 13 | 5 | J | 13 | 5 |
| Heat 2 (5-team) | | | | | | | |
| F | 2 | F | 2 | 5 | F | 2 | 5 |
| G | 7 | D | 5 | 5 | D | 5 | 5 |
| H | 8 | H | 8 | 5 | H | 8 | 5 |
| I | 11 | I | 11 | 5 | M | 12 | 4 |
| J | 13 | N | 14 | 4 | N | 14 | 4 |
| Heat 3 (4-team) | | | | | | | |
| K | 1 | B | 3 | 5 | B | 3 | 5 |
| L | 6 | L | 6 | 4 | G | 7 | 5 |
| M | 12 | A | 9 | 5 | A | 9 | 5 |
| N | 14 | M | 12 | 4 | I | 11 | 5 |
| Requirement | | | | | | | |
| Team Swap | | | | | | | |
| Team Swap | | | | | | | |

Scenario 2 (S-S-L)

REQUIREMENT-If not already accomplished with the assignment of teams to session II heats, the highest scoring team from each short-team session I heat will be assigned to the long-team heat by switching with a team with the most similar scoring (rank) and was also in a long-team heat in session I.

If after fulfilling the requirement, teams remain that were in a long-team heat in session I and were again assigned to the long-team heat in session II:

- The highest scoring (ranked) team in the long-teamed heat will switch with a team in the first short-team heat of Session II with the most similar scoring (rank) and was also in a short-team heat in session I;
- The next highest scoring (ranked) team in the long-teamed heat will switch with a team in the second short-team heat of Session II with the most similar scoring (rank) and was also in a short-team heat in session I;
- Repeat as necessary alternating between short-team heat 2 and short-team heat 3.

Example:

| Session I teams | Rank after Session I | Session II | | | Session II after adjustment | | |
|-----------------|----------------------|------------|---------------------|---------------------------|-----------------------------|---------------------|---------------------------|
| | | Team | Rank from Session I | Number of Session I teams | Team | Rank from Session I | Number of Session I teams |
| Heat 1 (5-team) | | | | | | | |
| A | 1 | A | 1 | 5 | A | 1 | 5 |
| B | 2 | F | 4 | 4 | F | 4 | 4 |
| C | 9 | D | 7 | 5 | J | 3 | 4 |
| D | 7 | K | 10 | 4 | K | 10 | 4 |
| E | 13 | E | 13 | 5 | G | 11 | 4 |
| Heat 2 (4-team) | | | | | | | |
| F | 4 | B | 2 | 5 | B | 2 | 5 |
| G | 11 | M | 5 | 4 | M | 5 | 4 |
| H | 8 | H | 8 | 4 | H | 8 | 4 |
| I | 6 | G | 11 | 4 | E | 13 | 5 |
| Heat 3 (4-team) | | | | | | | |
| J | 3 | J | 3 | 4 | D | 7 | 5 |
| K | 10 | I | 6 | 4 | I | 6 | 4 |
| L | 12 | C | 9 | 5 | C | 9 | 5 |
| M | 5 | L | 12 | 4 | L | 12 | 4 |
| Requirement | | | | | | | |
| Team Swap | | | | | | | |
| Team Swap | | | | | | | |

Scenario 3 (S-L)

REQUIREMENT-If not already accomplished with the assignment of teams to session II heats, the highest scoring team from the short-team session I heat will switch with the highest scoring team from the long-team session II.

The goal is to achieve an equal a split in session II of short- and long-teams in the session II heat with an equal number of teams. If after fulfilling the requirement, an unequal split remains:

- The highest scoring (ranked) team in the even-teamed heat in session II will switch with a team in the odd-team heat of Session II with the most similar scoring (rank) and was in the odd-team heat in session I;
- The next highest scoring (ranked) team in the even-teamed heat in session II will switch with a team in the odd-team heat of Session II with the most similar scoring (rank) and was in the odd-team heat in session I;
- Repeat as necessary.

Examples:

| Session I teams | Rank after Session I | Session II | | | Session II after adjustment | | |
|-----------------|----------------------|------------|---------------------|---------------------------|-----------------------------|---------------------|---------------------------|
| | | Team | Rank from Session I | Number of Session I teams | Team | Rank from Session I | Number of Session I teams |
| Heat 1 (6-team) | | | | | | | |
| A | 9 | C | 1 | 6 | G | 2 | 5 |
| B | 11 | D | 3 | 6 | H | 4 | 5 |
| C | 1 | E | 5 | 6 | E | 5 | 6 |
| D | 3 | I | 7 | 5 | I | 7 | 5 |
| E | 5 | A | 9 | 6 | A | 9 | 6 |
| F | 6 | B | 11 | 6 | B | 11 | 6 |
| Heat 2 (5-team) | | | | | | | |
| G | 2 | G | 2 | 5 | C | 1 | 6 |
| H | 4 | H | 4 | 5 | D | 3 | 6 |
| I | 7 | F | 6 | 6 | F | 6 | 6 |
| J | 8 | J | 8 | 5 | J | 8 | 5 |
| K | 10 | K | 10 | 5 | K | 10 | 5 |

| Session I teams | Rank after Session I | Session II | | | Session II after adjustment | | |
|-----------------|----------------------|------------|---------------------|---------------------------|-----------------------------|---------------------|---------------------------|
| | | Team | Rank from Session I | Number of Session I teams | Team | Rank from Session I | Number of Session I teams |
| Heat 1 (5-team) | | | | | | | |
| A | 1 | A | 1 | 5 | F | 2 | 4 |
| B | 3 | B | 3 | 5 | G | 4 | 4 |
| C | 5 | C | 5 | 5 | C | 5 | 5 |
| D | 7 | D | 7 | 5 | D | 7 | 5 |
| E | 9 | E | 9 | 5 | E | 9 | 5 |
| Heat 2 (4-team) | | | | | | | |
| F | 2 | F | 2 | 4 | A | 1 | 5 |
| G | 4 | G | 4 | 4 | B | 3 | 5 |
| H | 6 | H | 6 | 4 | H | 6 | 4 |
| I | 8 | I | 8 | 4 | I | 8 | 4 |

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|-------------|
| Requirement |
| Team Swap |
| Team Swap |