

BridgeHit is transferring to IMP scoring

In order to approve our scoring accuracy and your enjoyment from the game, we have decided to transfer our scoring system to IMPs. We will use the **averaged cross-imp scoring** technique. Steps of using this technique are:

- 1) Every score on board is compared against every other score for the respective pair.
In other words, for every score, the scores of the opponents are subtracted.
- 2) The subtracted results are converted in IMPs by using a standard IMP Table ([see Standard IMP Table](#))
- 3) The IMP results are summed up and divided by the number of opponents.

Note: If there are no opponents, i.e. the board is played only once, the score for the respective pair is compared against the so called '[table of obligations](#)'. The obligation depends on the total points in the cards of a pair. ([See IMP scoring for a table played only once in a tournament](#))

IMP scoring for a board played only once in a tournament

In case we have a board played only once in a tournament, the score comparison is done as following:

- 1) Based on the common cards' points of the partners in the pair, we define their obligation (if their points are above 20). Let's take for example NS pair 1 and let's assume they had 33 points in their common cards, so according to the [Table of Obligations](#), their game points should be 900.
- 2) Now, taking into account their game points are 410 and following the steps from the first example we have:

$410 - 900$ (the obligation) = -490 , converted in IMPs, it gives **-10 IMPs**

IMP scoring for a board played more than once (aborted boards are not included)

1. Let's assume we have a board played 4 times and the results for the NS pairs are:

NS pair 1: 430

NS pair 2: 400

NS pair 3: 150

NS pair 4: -50

2. Now, let's calculate the IMPs for the NS pair 1, using the averaged cross-imp technique:

1) Subtracting each three opponents' scores from the NS pair 1's score we have:

$$430 - 400 = 30$$

$$430 - 150 = 280$$

$$430 - (-50) = 480$$

2) Now, let's convert the subtractions in IMPs:

For 30 we have 1 IMP

For 280 we have 7 IMPs

For 480 we have 10 IMPs

3) Sum the IMPs up and divide them by 3 opponents and the result for the NS pair 1 is:

$$(1+7+10)/3 = 6 \text{ IMPs}$$

*Note: The EW pair 1, who played this board on the same table with NS pair 1, will receive **-6 IMPs** accordingly.*

Using the same steps the IMP scoring is done for all of the other pairs, NS pair 2, NS pair 3 and NS pair 4

IMP Scoring for an aborted table

When a board is aborted, the player who causes the abortion receives **-6 IMPs** automatically. The other 3 players receive **2 IMPs**

BridgeHit Session IMP result calculation

The result for a session is done as all IMPs calculated for the 12 tables are summed up.

Overall rating calculation

Note that your running rating will still be calculated in %. This calculation is calculated as a percentage of your IMP score per session versus the maximum IMP score attainable in the respective tournament.

Standard IMP Table

PTS	IMPS
0-10	0
20-40	1
50-80	2
90-120	3
130-160	4
170-210	5
220-260	6
270-310	7
320-360	8
370-420	9
430-490	10
500-590	11
600-740	12
750-890	13
900-1090	14
1100-1290	15
1300-1490	16
1500-1690	17
1700-1990	18
2000-2240	19
2250-2490	20
2500-2990	21
3000-3490	22
3500-3990	23
4000+	24

Table of obligations

Points	Not Vulnerable	Vulnerable
20	0	0
21	50	50
22	70	70
23	110	110
24	200	290
25	300	440
26	350	520
27	400	600
28	430	630
29	460	660

30	490	690
31	600	900
32	700	1050
33	900	1350
34	1000	1500
35	1100	1650
36	1200	1800
37	1300	1950
38	1300	1950
39	1300	1950
40	1300	1950