



EVF Ranking System

1 Overview

A key objective of EVF is to encourage participation by Veteran Fencers throughout Europe. To progress this objective a circuit of events has been introduced along with a ranking system.

A set of qualifying events for each weapon are chosen around Europe. Ranking points are awarded for these events plus the EVF Individual Championships.

Ranking points for a fencer are based on:

- their overall position
- the number of rounds of DE they have survived
- podium position

The best results from a set number of events are added together to form a total.

Ranking lists are provided for each of the 24 weapon-age categories in order of their total points.

1.1 Use of the Ranking Lists

The Ranking Lists will be used for:

- seeding of individual competitions
- the award of an annual trophy to the top placed European fencer

The seeding of weapon teams for EVF Team Championships shall be based on two criteria:

1st criterion - the overall rankings of the weapon team at the most recent EVF Team Championships.

2nd criterion - for those weapon teams that did not participate in the most recent EVF Team Championships the seeding is determined by adding together the ranking points of the three best ranked fencers on the current EVF ranking list without taking into consideration age category. For this criterion, the weapon team with the highest cumulative ranking points will be the best seeded. The 1st criterion will always take precedence over the 2nd criterion.

1.2 Nomenclature

An **event** has a name, a location and a date eg EVF Championships, Chiavari, 2017

A **competition** has a weapon, category, entries and results eg ME4, 62 entries, John Mason came 1st

2 Events

2.1 Types of Event

- The EVF Individual Championships held every other year.
- The Paris Criterium held every other year, when the Individual Championships do not take place. The event is open to veteran fencers from across the world.
- A circuit of annual EVF events. There are currently 7 events for each weapon.

Circuit events are in different countries. Events should be accessible for an international entry.

Circuit events do not have to be 6-weapon events but there should be the same number of opportunities for all weapons.

All events are run to the same formula in that the final round is D/E in age categories V1-V4 with bouts to 10 hits.

3 Ranking Points

Points depend on the following factors:

- The type of event: there are the Circuit events and the EVF Championships
- The final placing in the competition
- The number of D/E rounds achieved
- Podium placing

Each of the above factors is discussed in the following sections.

3.1 Type of the Event

The final points score is multiplied by 1,2 for a result in the EVF Individual Championships.

3.2 Final Placing

Placings for competitions are taken straight from the published results.

Whatever the size of the competition the first placed gets 50 Points. The last placed is awarded 1 point. A log scale, is then be used for intermediate places.

The last place is awarded something (1 point) so that ALL competing fencers appear in the ranking list.

For a **log scale** the points awarded are:

$$y = MP + (1-MP) * \log(x)/\log(N) \text{ where}$$

y = points awarded

MP = Maximum Points awarded (ie to first place in this event)

X = final ranking of the fencer

N = number of entries

3.3 D/E Rounds Bonus

Extra points (10) are awarded for each round achieved. This ensures that a 5th place in an entry of 300 earns more points than 5th place in an entry of 16.

3.4 Podium Bonus

Further bonus points are awarded for podium places. A formula is used to allocate the bonus so that a larger competition gets more than a smaller one.

3.5 Formula Requirements

It is required that certain conditions are met and these are illustrated on the right hand side of the spreadsheet:

1 st place		2 x 5 th place
2 x 8 th place		5 th place + 9 th place
2 x 16 th place	points should be greater than	9 th place + 17 th place
2 x 32 nd place		17 th place + 33 rd place
2 x 64 th place		33 rd + 65 th place
2 x 128 th place		65 th place + 129 th place

A spreadsheet is provided on the [EVF Website](#) to illustrate the point allocation algorithms.

4 Sub-set of Results for Ranking

Fencers are not expected to do every event.

Ranking is based on the best four (4) results from a possible total of 16: the most recent EVF Championships, the most recent Paris Criterium and 2 years' worth of circuit events.

5 Implementation of Ranking System

A software program, integrated with the EVF database, is available to produce ranking lists.

The program does the following:

- Import results from competitions
- Calculate ranking points based on the sections above

- Show rankings by weapon within an age group based on the 4 best results available (See Example 1 below)
- Show how the ranking points have been calculated for each fencer (See Example 2 below)

The program is hosted on the EVF server.

5.1 Examples

Example 1: Ranking List for Mens Foil Category 3

Rankings

The **EVF Ranking** lists are compiled from results in the Individual Championships and Circuit Events.

Weapon : Category :

Pos. ↓	Name ↓	First name	Country ↓	Points	
1	CSAK	Attila	HUN	471.31	
2	LEE	Philip	IRL	408.92	
3	TROIANO	John	GBR	331.89	
4	JOLYOT	Pascal	FRA	301.65	

Example 2: View the Points Details. The best 4 results are highlighted (in blue) and used to calculate the total. Other results that not counted towards the total are highlighted in red.

Details

LEE, Philip IRL

#Event	Year	Location	Weapon	Entry	Place	Points	DE	Podium	Factor	Total
1 European Individual Championships 2019	2019	Cognac	Mens Foil	56	1	50.00	60.00	34.43	1.20	173.32
2 EVF Circuit - Munich	2019	Munich	Mens Foil	7	1	50.00	30.00	17.22	1.00	97.22
3 EVF Circuit - Budapest	2019	Budapest	Mens Foil	13	2	36.76	30.00	14.11	1.00	80.87
4 EVF Circuit - Graz	2022	Graz	Mens Foil	15	3	30.12	20.00	7.40	1.00	57.52
5 EVF Circuit - Guildford Open 2022	2022	Guildford	Mens Foil	14	3	29.60	20.00	7.23	1.00	56.83
6 EVF Circuit - Faches	2020	Faches	Mens Foil	21	9	14.64	10.00	0.00	1.00	24.64
7 Veterans Criterium	2022	Paris	Mens Foil	24	10	14.50	10.00	0.00	1.00	24.50
8 EVF Circuit - Budapest 2021	2021	Budapest	Mens Foil	11	10	2.95	0.00	0.00	1.00	2.95

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