

Ranking System based on final placings for competitions with German participation

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Introduction

For the *Deutsche Meisterschaft 2025* (German Championship) the DBVfF (German national federation in the iF3) offers 3 wildcards to athletes according to a new ranking system.¹ Part A describes the methodology. Part B shows how competitions are classified.

At the time of writing, there are still 4 competitions left: Amsterdam TD, Austria TD, Dubai Championship, and iF3 Worlds before computing the ranking for the DM25 wildcards. There are **approximately +10 athletes who can still shift the ranking significantly** with very good results at Dubai and iF3 Worlds.

A. Methodology

Using the final placings of competition is the simplest way to design a ranking system. A competition is scored with a competition value **D**, which is awarded for 1st place. Depending on the depth of the field of participants, points up to a cutline **C** are awarded pro rata for a placing **P**:

$$\text{AchievedPoints} = \text{trunc}(D / C * \max(0, C - P + 1))$$

Example. An athlete takes part in a competition with a competition value of $D=50$. 37 athletes competed and a cutline of $C=30$ was previously set. The athlete achieved 17th place and gets the following points awarded:

$$\begin{aligned}\text{AchievedPoints} &= \text{trunc}(50 / 30 * \max(0, 30 - 17 + 1)) \\ &= \text{trunc}(50 / 30 * 14) = \text{trunc}(23,3..) = \underline{23}\end{aligned}$$

The best **N** points awarded to an athlete in the last 365 days are included in the ranking:

$$\text{RankingPoints} = \text{sum}(\text{last}(\text{sort}(\text{List of points}, \text{order=desc}), N))$$

¹ The winner of the previous Deutsche Meisterschaft 2024 gets the 4th wildcard.

Example. The ranking system included the best points in N=3 competitions. The athlete collected [67, 10, 4, 39, 50] points in five competitions. The athlete has $67+39+50=156$ ranking points.

B. Classification of Competitions

B.1 General Criteria

In general, only the highest division of an onsite competition is considered in the ranking system.

B.2 Individual Competitions

Default values. Competitions are classified as follows:

- D=150 pts for *worldwide* competitions,
- D=100 pts for *continental* competitions (e.g. European impact), and
- D=20 pts for national or smaller cross-border competitions (e.g. in Germany, in BeNeLux region).

Adjustments are made for various reasons, e.g.

- the CFG gets +50 due to its current prestige.
- The GTD, Lowlands & Marbella get a -20 pts deduction because majority athletes are still from specific European subregions.
- The iF3 Euros (-50) and CISM Euros (-70) are deduced because of the depth.

For national or smaller cross-border competitions there are no adjustments at this point to keep it simple.

B.3 Team Competitions

Default values. The team members get percentage of D (see above worldwide, continental, national/cross-border) based on the team size:

- team-of-4 members get 50% of D,
- team-of-3 members get 60% of D, and
- team-of-2 members get 75% of D.

Examples:

- The CFG Games Individual has D=150+50, thus, CFG team-of-4 members gets $D=200*50\%=100$ Pts.

- The WZA Miami Individual has $D=100$, thus, the WZA team-of-3 members get $D=150 \cdot 60\%=90$ Pts.
- BTB is assessed as national/cross-border competition $D=20$, thus, the team-of-2 members get $D=20 \cdot 75\%=15$ Pts.

C. Season 2025

Please note that the published ranking in December 2024 is an *retrospective* data analysis, i.e. we knew *past* competition results at the time of assigning the competition values **D**. During the discussions with experts from the competitive sport of function fitness, it was important to remind involved people that the assigned parameters must lead to plausible results in the *future 2025* season (The expert system must be *generalizable*).

In practice, ranking systems work because parameters are known to the public beforehand. The Appendix contains tables of several competitions that might take place in 2025.

The parameters in the columns "D for 2025" and "C for 2025" are hereby frozen for the year 2025.

If the columns "D for 2025" and "C for 2025" contain the label "review", the parameters are not confirmed yet. We might add, change or remove competitions if assumptions change drastically.

With this information, athletes can look forward and plan their season if they intend to rank high in the DBVfF ranking system.

D. The value of ranking systems

The main value of ranking systems for athletes are starting spots. The DBVfF assigns to its own DBVfF ranking system 3 starting spots at its *Deutsche Meisterschaft 2025* (German Championship). In other words, a ranking system is a substitute mechanism for the usual qualifiers in the functional fitness scene.

For example, a group of competition organizers can agree on acknowledging a shared ranking system to assign $N\%$ of their starting spots (e.g. 60%), while using a competition-specific qualifier for the $100-N\%$ starting spots (e.g. 40%). This is common practice in other sports (e.g. tennis). From athletes' perspective, taking part in onsite competition A, B & C is basically the qualifier to get a spot at competition D. Thus, if some competition organizers are interested in creating their shared ranking system together, they can take this case study as an example. If you have any questions, feel free to ask at mail@dbvff.de

Appendix: Individual Competitions

Date	Competition	Impact	Standard	machine readable data	yrs	prize money '24 (for 1st)	D (pts for 1st; 2024)	C (cutline)	D for 2025	C for 2025
Jan '24	Wodapalooza Miami	worldwide	PFAA	no	+4	\$ 75k	150	15	150	15
Aug '24	CrossFit Games, Indy	worldwide	CF	yes	+4	\$ 315k	150 +50	40 (all)	review	all
Nov '24	Rogue Invitational	worldwide	-	no	+4	\$ 262k*	150	15	150	15
Dec. '24	Dubai Fitness Championship	worldwide	-	no	+4	\$ 50k	150	15	150	15
Dec '24	iF3 Worlds, final day	worldwide	iF3	no	+4	0	150	6 (all)	150	all
[Apr '25]	Athens Throwdown	continental	CF	no	+4	€8k ['25]	-	-	100 -40	10
May '24	CrossFit Semifinals (French TD)	continental	CF	yes	+4	\$ 10k	100	40 (all)	review	all
[May '25]	French Throwdown	continental	CF	no	+4	? ['25]	-	-	100 -20	10
May '24	iF3 Euros, final day	continental	iF3	no	3	0	100 -50	7 (all)	review	all
Jul '24	CISM Functional Fitness Euros	continental	iF3	yes	1	0	100 -70	3	review	review
Sep '24	Lowlands Throwdown	continental	iF3	no	+4	€ 1k	100 -20	10	100 -20	10
Oct '24	German Throwdown	continental	CF	no	+4	€ 3k	100 -20	10	100 -20	10
Oct '24	Marbella Championship	continental	-	no	3	€ 3k	100 -40	10	review	review
Oct '24	Grand Sapphire Championship	continental	-	no	1	€ 6k	100 -40	10	review	review
May '24	Bohemian Throwdown	cross-border / national (CZ)	-	no	+4	€ 2.5k	20	3	20	3
Jun '24	DBVfF Deutsche Meisterschaft	national (DE)	iF3	yes	+4	0	20	5	20	5

Jul '24	Battle of the Lion	cross-border / national (DE)	-	no	+4	?	20	3	20	3
[Jul '25]	Marseille Throwdown	cross-border / national (FR)	CF	no	+4	€ 2k	-	-	20	3
Aug '24	Liege Throwdown	cross-border / national (BE)	CF	no	+4	?	20	3	20	3
Oct '24	Swiss Throwdown	cross-border / national (CH)	CF	no		CHF 1k	20	3	20	3
Oct '24	Czechia Throwdown	cross-border / national (CZ)	-	no		€ 2k	20	3	20	3
Nov '24	Austria Throwdown	cross-border / national (AT)	CF	no	+4	?	20	3	20	3
Nov '24	Amsterdam Throwdown	cross-border / national (NL)	-	no	+4	€ 1.5k	20	3	20	3

Appendix: Team Competitions

Date	Competition	Impact	Standard	machine readable data	yrs	prize money '24 (for 1st)	D (pts for 1st; 2024)	C (cutline)	D for 2025	C for 2025
Jan '24	Wodapalooza, Team of 3	worldwide	PFAA	no	+4	\$ 30k	90	30 (all)	90	30 (all)
Aug '24	CrossFit Games, Team of 4	worldwide	CF	yes	+4	\$ 100k	100	30 (all)	review	all
Dec '24	iF3 Worlds, Team of 4, final day	worldwide	iF3	no	+4	0	75	6 (all)	75	all
May '24	CrossFit Semifinals, Team of 4	continental	CF	yes	+4	\$ 5k	50	30 (all)	review	all
Aug '24	Battle the Beach, MM, FF, MF	cross-border / national (DE)	-	no	+4	€ 5k	15	1	15	1
Okt '24	Double Trouble, MF	cross-border / national (DE)	-	no	+4	€ 7k	15	3	15	3

Note: Fitness Bundesliga is not included due to the lack of public information about the team composition.