

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) offered 3 wildcards to athletes according to a new ranking system.¹ Throughout the year 2025, the ranking will receive rolling updates (i.e. previous year's results are replaced by new). Part A describes the methodology. Part B shows how competitions are classified.

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**:

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

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:

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

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

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

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. The best points of N=3 competitions count, but at least 1 competition must be from an individual competition (i.e. max. 2 team competitions count).

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 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 the adjustments are limited 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 $D=200 \cdot 50\%=100$ 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.

B.4 Outline

For setting the outline (C) the following criteria are considered:

- a) Prize money for the N-th place in relation to travel cost estimates². As a rule of thumb, the estimated N-th cost-covering place plus two places.
- b) Historic and expected field of participants albeight prize money motives, e.g. qualification competition for a bigger competition.
- c) Competitions preferred by the DBVfF, e.g. competitions that comply with iF3 rules.

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.

² The minimum of round-trip costs for airplane tickets (average of Google Flight estimates), train tickets (Deutsche Bahn) or car travel (30ct per km) plus 3-night stay with food adjusted by cost of living index with Frankfurt a.M. as reference.

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: Change Log

vo.5.0 (Feb, 20th, 2025)

- World Fitness Tour 1 & 2 added as D=150 and C=30, i.e. all participants. The finale is D=150+30 and C=30 too.
- CFG reduced the starting spots. Thus, C=30.
- The CF Semifinals Europe are discontinued and are not eligible for the ranking anymore.
- The cutline criteria b) (chapter B.4) was applied to the new Wodland Fest (C=20) and French TD (C=40) which offer 2 direct qualifying spots for the CFG (In-person semi). The French TD is upgraded to D=100+20 (120) as it is perceived as the most prestigious competition in Europe at this point. In contrast, the Wodland Fest is brand new, and thus assessed as D=100-20 (80).
- The cutline criteria a) (chapter B.4) were further specified, in particular the trade-off between the prize money for the N-th place versus the estimated travel costs. Grand Sapphire C=8 (instead of 10); Marbella Championship C=5 (instead of 10); all C=5 (instead of 3); Bohemian TD, Battle the Lion, Czechia TD, Amsterdam TD; all C=4 (instead of 3); Austrian TD. This criteria was also decisive for most newly added competitions, e.g. ELFIT (3), UAE Storms (5), Picsil (5), Eurasia TD (3), Varna TD (5), Alsace TD (3), UBL Italian (4), SiD UK (4), Turku (5), Iberian TD (4), TYR LX (5), Basque (5), Kanda (5). The Athens TD is under review regarding the cutline criteria a) for for 2026.
- The Picsil Showdown, Kanda Showdown, and Basque Txapelketa are added to the "cross-border/national" category but are assessed as D=20+40 (60) because of the above average prize money and the strength of field.
- The WODLA Oslo TD team-of-2 MF was added as "cross-board/national" and assessed D=15+30 (45) because Games level athletes from Scandinavia take part.
- The assessment of the Lowlands TD with D=100-20 and C=10 was confirmed because it is an iF3 licensed event (see chapter B.4, criteria c).
- The CISM Functional Fitness Euros were downgraded to D=100-90 (10) and C=1 (instead of 3) because of strength of field.
- The cutline for the iF3 Worlds MMFF team-of-4 to C=3 (instead of 6) because of the number of teams at this competition, and to highlight the importance to win medals for the DBVfF.
- For MMFF team-of-4, the French TD, Madrid Championship, and Mayenne TD are added as D=40. The cutline for the French TD was set to C=20 for historic reasons (criteria b) while for the Mayenne TD (C=4) and Madrid Championship economic factors will matter.

vo.4.0

- CrossFit® Semifinals excluded for 2025, because CFHQ announced to plan these as online qualifier.
- Alsace Throwdown (FR) added for 2025; classification pending
- Kanda Showdown (FR) added for 2025; classification pending
- Mayenne Throwdown (FR) added as continental Team-of-4 competition for 2025
- iF3 Worlds C parameter changed from "6 (all)" to "6" a prelim/final day was assumed before

vo.3.0 (Nov 22nd, 2024)

- initial publication

Appendix: Individual Competitions

Month	Competition	Impact	Standard	machine readable data	yrs	estim. travel costs	2024			2025			status
							prize (1st)	D (pts for 1st)	C (cutline)	prize (1st)	D (pts for 1st)	C (cutline)	
Jan	Wodapalooza Miami	worldwide	PFAA	no	+4	↑	\$ 75k	150	15		150	15	
May	World Fitness Tour 1	worldwide	?	?	0	↑	-	-	-		150	30	
Aug	CrossFit® Games, Indy	worldwide	CF	yes	+4	↑	\$ 315k	150 +50	40 (all)		150 +50	30 (all)	
Aug	World Fitness Tour 2	worldwide	?	?	0	↑	-	-	-		150	30	
Nov	Rogue Invitational	worldwide	-	no	+4		\$ 262k*	150	15		150	15	
Dec	Dubai Fitness Championship	worldwide	-	no	+4	↑	\$ 50k	150	15		150	15	
Dec	iF3 Worlds, final day	worldwide	iF3	no	+4		0	150	6	0	150	review	
Dec	World Fitness Finals	worldwide	?	?	0		-	-	-		150 +50	30	
Jan	UAE Storm Games	continental (Asia)	-	no	3	↑	-	-	-	€ 7.8 k	100 -40	5	added for 2025
Apr	Athens Throwdown	continental	CF	no	+4	→	-	-	-	€8k	100 -40	10	under review for 2026
Apr	Wodland Fest (In-Person Semi)	continental	CF	?	0	→	-	-	-		100 -20	20	added for 2025
May	CrossFit® Semifinals 2024	continental	CF	yes	+4		\$ 10k	100	40 (all)	n.a.	n.a.	n.a.	discontinued
May	French Throwdown (In-Person Semi)	continental	CF	no	+4	↗	-	-	-	€ 12k	100 +20	40	added for 2025
Jul	CISM Functional Fitness Euros	continental	iF3	yes	1		0	100 -70	3	0	100 -90	1	
Sep	iF3 Euros, final day	continental	iF3	no	3		0	100 -50	7 (all)	0	review	review	
Oct	Grand Sapphire Championship	continental	-	no	1	↗	€ 6k	100 -40	10		100 -40	8	
Oct	Marbella Championship	continental	-	no	3	→	€ 3k	100 -40	10		100 -40	5	
Oct	German Throwdown	continental	CF	no	+4		€ 3k	100 -20	10		100 -20	10	

Oct	Lowlands Throwdown	continental	iF3	no	+4	→	€ 1k	100 -20	10		100 -20	10	
Nov	ELFIT Championship	continental (Africa)	CF	no	+4	↘	€2.3k	-	-		100 -70	3	added for 2025
Feb	Picsil Showdown	cross-border / national (ES)	CF	no	0	↗	-	-	-	€ 4k	20 +40	5	added for 2025
Apr	Eurasia Throwdown	cross-border / national (TR)	CF	no	?	↘	\$ 3k	-	-		20	5	added for 2025
May	Bohemian Throwdown	cross-border / national (CZ)	-	no	+4	↘	€ 2.5k	20	3	€ 2k	20	5	
Jun	Battle of the Lion	cross-border / national (DE)	-	no	+4		?	20	3	€ 2k	20	5	
Jun	Varna Throwdown	cross-border / national (BG)	CF	no	+4	→	-	-	-	€ 2k	20	5	added for 2025
Jun	Alsace Throwdown	cross-border / national (FR)	-	-	+4	→	€ 1.5k	-	-	€ 1.2k	20	3	added for 2025
Jun	DBVfF Deutsche Meisterschaft	national (DE)	iF3	yes	+4		0	20	5	0	20	5	
Jul	UBL Italian Championship	cross-border / national (IT)		no	+4	→	€ 2k	-	-		20	4	added for 2025
Jul	Strength in Depth, UK Championship	cross-border / national (GB)	CF	no	+4	↗	£1.4k ['24]	-	-		20	4	added for 2025
Jul	Marseille Throwdown	cross-border / national (FR)	CF	no	+4	↗	€ 2k	-	-		20	3	added for 2025
Aug	Liege Throwdown	cross-border / national (BE)	CF	no	+4	↘	?	20	3		20	3	
Aug	Turku Tuomiopäivä	cross-border / national (FI)	CF	no	+4	↑	€4k	-	-		20	5	added for 2025
Sep	Iberian Throwdown	cross-border / national (ES)	CF	no	3	↗	€ 2k				20	4	added for 2025
Oct	Amsterdam Throwdown	cross-border / national (NL)	-	no	+4	↗	€ 1.5k	20	3		20	5	
Oct	Swiss Throwdown	cross-border / national (CH)	CF	no	?	↑	CHF 1k	20	3	CHF 1k	20	3	
Oct	TYR LX Games	cross-border / national (PT)	CF	no	1	↘	-	-	-	€ 2.5k	20	5	added for 2025
Oct	Czechia Throwdown	cross-border / national (CZ)	-	no	?	↘	€ 2k	20	3		20	5	
Nov	Basque Txapelketa	cross-border / national (ES)	CF	no	3	↘	€ 5k	-	-		20 +40	5	added for 2025
Nov	Austrian Throwdown	cross-border / national (AT)	CF	no	+4	↗	3k	20	3		20	4	

Dez	Kanda Showdown	cross-border / national (FR)	-	no	2	↗	€ 5k	-	-		20 +40	5	added for 2025
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Appendix: Team Competitions

Month	Competition	Impact	Standard	machine readable data	yrs	estim. costs	2024			2025			status
							prize (1st)	D (pts for 1st)	C (cutline)	prize (1st)	D (pts for 1st)	C (cutline)	
Jan	Wodapalooza, Team of 3	worldwide	PFAA	no	+4	↑	\$ 30k	90	30 (all)		90	30 (all)	
Aug	CrossFit® Games, Team of 4	worldwide	CF	yes	+4	↑	\$ 100k	100	30 (all)		100	20 (all)	
Dec	iF3 Worlds, Team of 4, final day	worldwide	iF3	no	+4		0	75	6		75	3	
May	CrossFit® Semifinals, Team of 4	continental	CF	yes	+4		\$ 5k	50	30 (all)		n.a.	n.a.	discontinued
May	French Throwdown, Team of 4	continental	CF	no	+4	↗	-	-	-	€ 8k	40	20	
Sep	Madrid Championship, Team of 4	continental	-	no	0		-	-	-		40	review	added for 2025
Oct	Mayenne Throwdown, Team of 4	continental	-	no	+4	↗	€ 5k	-	-	€ 6k	40	4	added for 2025
Aug	Battle the Beach, MM, FF, MF	cross-border / national (DE)	-	no	+4		€ 5k	15	1		15	1	
Oct	Double Trouble, MF	cross-border / national (DE)	-	no	+4		€ 7k	15	3		15	3	
Oct	WODLA Oslo Throdown, MF	cross-border / national (NO)	-	no	+4	↑	€ ~2.3k	-	-		15 +30	3	added for 2025

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