



## 2022 World Championships – Liverpool, GBR

### General Report

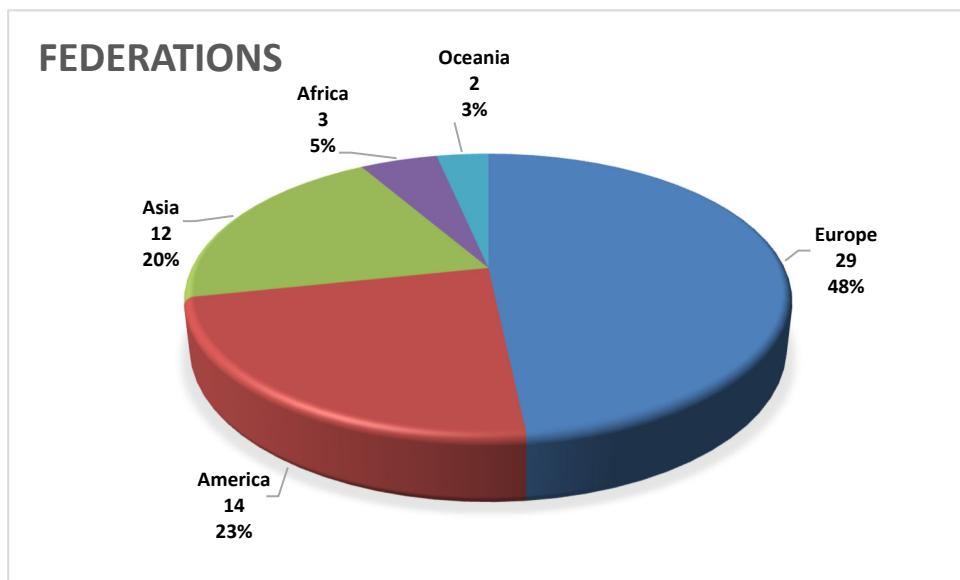
#### Women's Artistic Gymnastics Technical Committee Report

The 2022 World Championships in Liverpool was the first Artistic Gymnastics World Championships held under normal conditions after the COVID-19 pandemic. It was a pleasure to feel the presence of the audience in the hall again.

The following competition phases were held: Qualifications, Team Final, All-Around Final and Apparatus Finals.

The participation can be summarised as follows:

#### 1. PARTICIPATION IN THE QUALIFICATIONS



Continent	Federations	%
Europe	29	48
America	14	23
Asia	12	20
Africa	3	5
Oceania	2	3
Total	60	100

# FÉDÉRATION INTERNATIONALE DE GYMNASTIQUE



From the 60 federations:

- 23 federations were registered with a Team (4, 5 or 6 gymnasts): ARG, AUS, AUT, BEL, BRA, CAN, CHN, EGY, ESP, FIN, FRA, GBR, GER, HUN, ITA, JPN, KOR, MEX, NED, SWE, TPE, UKR, USA  
Note: ROU registered as a Team but participated with only two gymnasts\*
- 16 federations were registered with 1 gymnast: BAR, CRC, CYP, ECU, INA, LUX, PAN, PER, POR, PUR, SGP, SRI, SUI, THA, TTO, VEN
- 17 federations were registered with 2 gymnasts: ALG, AZE, CHI, CRO, DEN, HKG, IND, IRL, ISL, ISR, KAZ, MLT, NZL, ROU\*, RSA, TUR, UZB
- 3 federations were registered with 3 gymnasts: CZE, GRE, SLO
- 1 federation was registered with 5 gymnasts (qualified with All-Around and Apparatus Specialists): NOR
- Due to the current restrictions, athletes from Russia and Belarus were not able to participate in the qualifying Competitions for the World Championships

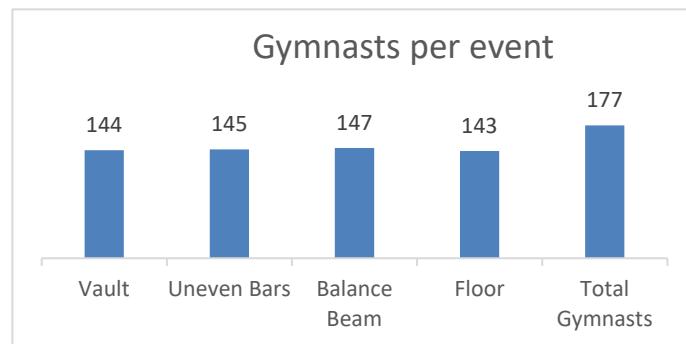
**Total: 194 Gymnasts registered**

**177 attended the Qualifications**

**108** gymnasts competed in the All-Around

**69** gymnasts competed in 1 to 3 events

- 26 gymnasts in 3 events
- 25 gymnasts in 2 events
- 18 gymnasts in 1 event



## **2. PARTICIPATION IN THE TEAM FINAL (the best 8 teams - 3 gymnasts competed, and 3 scores counted)**

- Eight federations in rank order: USA, GBR, CAN, BRA, ITA, CHN, JPN, FRA
- New federations in the top 8 compared to the world championships 2019: BRA, JPN
- Federations not in the top 8 compared to the world championships 2019: RUS (not qualified due to current restrictions), NED

## **3. PARTICIPATION IN THE ALL-AROUND FINAL (the best 24 gymnasts - maximum 2 per NF)**

- 8 federations competed with 2 gymnasts: AUS, BEL, FRA, GBR, ITA, JPN, NED, USA
- 8 federations competed with 1 gymnast: BRA, CAN, CHN, ESP, FIN, GER, KOR, ROU

**Total federations: 16**

## **4. PARTICIPATION IN THE APPARATUS FINALS (the best 8 gymnasts per event - maximum 2 per NF)**

- 1 federation competed in 4 Finals: USA
- 2 federations competed in 3 Finals: BRA, JPN
- 5 federations competed in 2 Finals: BEL, CAN, CHN, FRA, NED
- 6 federations competed in 1 Final: GER, GBR, HUN, ISR, ITA, KOR

**Total federations: 14**

# FÉDÉRATION INTERNATIONALE DE GYMNASTIQUE



## 5. MEDALS DISTRIBUTION (for Team Final, All-Around Final and Apparatus Finals by participating federations)

### Team medalists:

Gold	Silver	Bronze
USA	GBR	CAN
BLAKELY Skye	ACHAMPONG Ondine	BLACK Elsabeth
CAREY Jade	FENTON Georgia-Mae	DENOMMEE Laurie
CHILES Jordan	GADIROVA Jennifer	OLSEN Shallon
JONES Shilese	GADIROVA Jessica	PEDRICK Denelle
WONG Leanne	KINSELLA Alice	SPENCE Emma
ZEISS Lexi	STICKLER Poppy-Grace	TURNER Sydney

### All-Around medalists:

Gold	Silver	Bronze
ANDRADE Rebeca (BRA)	JONES Shilese (USA)	GADIROVA Jessica (GBR)

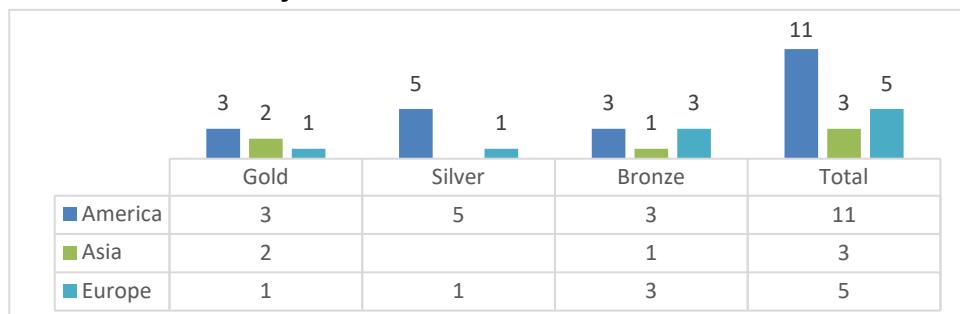
### Apparatus medalists:

Apparatus	Gold	Silver	Bronze
VT	CAREY Jade (USA)	CHILES Jordan (USA)	DEVILLARD Coline (FRA)
UB	WEI Xiaoyuan (CHN)	JONES Shilese (USA)	DERWAEL Nina (BEL)
BB	WATANABE Hazuki (JPN)	BLACK Elsabeth (CAN)	MIYATA Shoko (JPN)
FX	GADIROVA Jessica (GBR)	CHILES Jordan (USA)	ANDRADE Rebeca (BRA)
			CAREY Jade (USA)

### Medals Distribution by National Federations

NF	Gold	Silver	Bronze	Total
USA	2	4	1	7
GBR	1	1	1	3
BRA	1		1	2
JPN	1		1	2
CHN	1			1
CAN		1	1	2
BEL			1	1
FRA			1	1
Total	6	6	7	19

### Medals Distribution by Continents

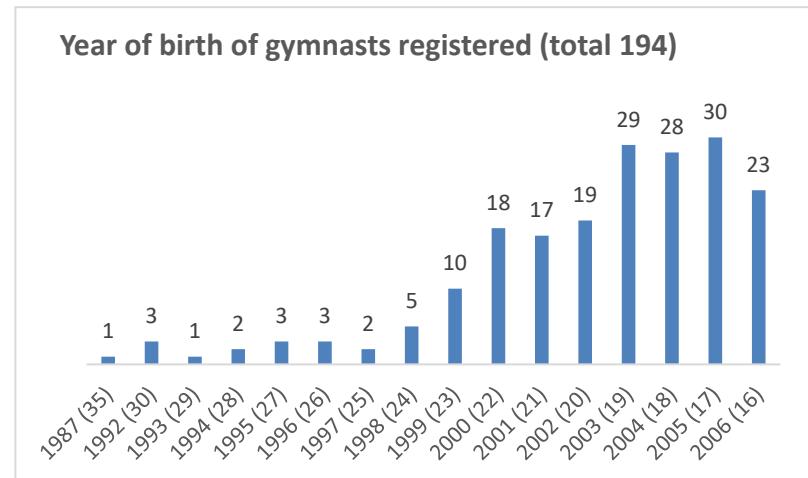




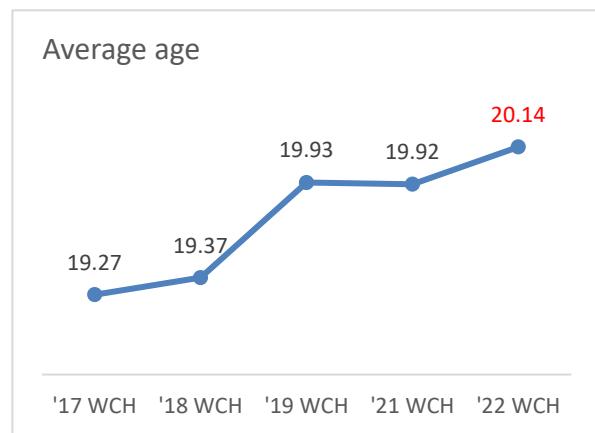
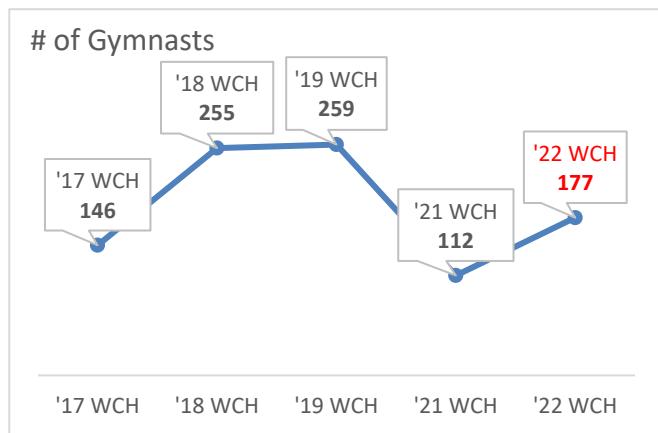
## 6. AGE OF THE GYMNASTS

Registered gymnasts: 194

Year of Birth	Age	# of Gym	%
1987	35	1	0,5
1992	30	3	1,5
1993	29	1	0,5
1994	28	2	1,0
1995	27	3	1,5
1996	26	3	1,5
1997	25	2	1,0
1998	24	5	2,6
1999	23	10	5,2
2000	22	18	9,3
2001	21	17	8,8
2002	20	19	9,8
2003	19	29	14,9
2004	18	28	14,4
2005	17	30	15,5
2006	16	23	11,9
<b>194</b>			



### Comparison of the average age of the competing gymnasts in WCH editions





## 7. LEVEL OF PERFORMANCE

### All-Around Qualifications:

- **highest** score: 15.066 on VT(1)
- **lowest** score: 7.566 on UB (not considering the short exercise on FX)

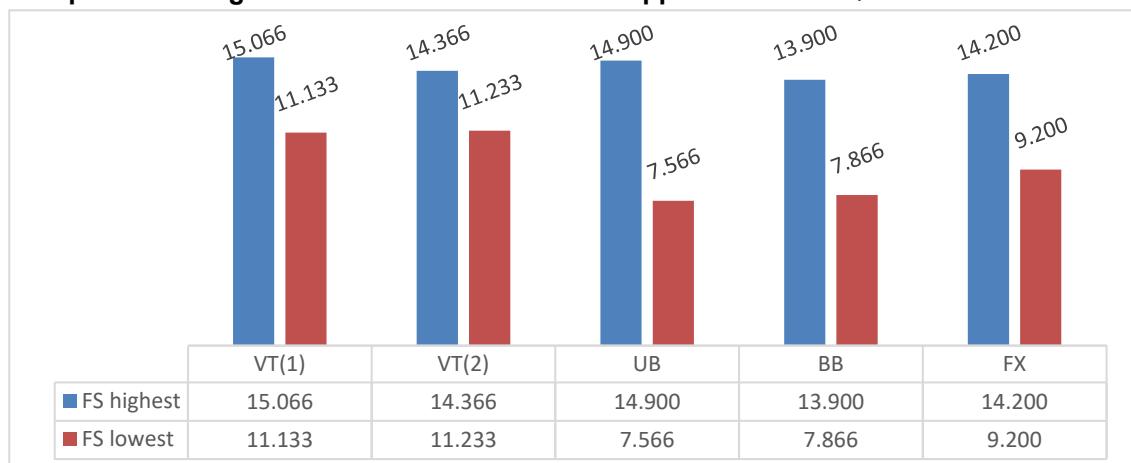
### All-Around Final:

- **highest** score: 15.166 on VT
- **lowest** score: 7.500 on BB

### Apparatus Finals:

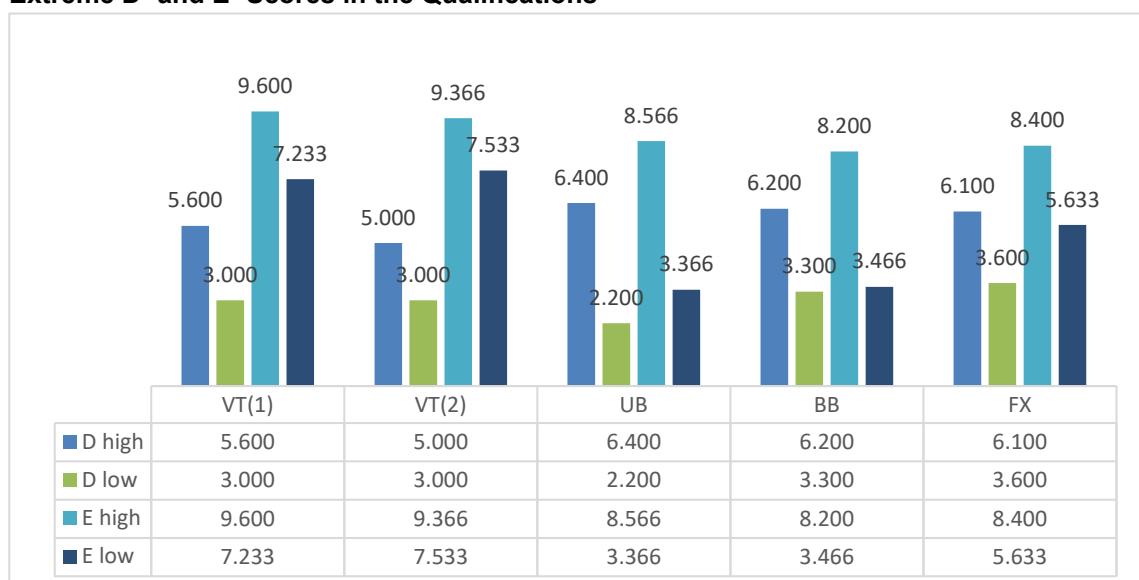
- **highest** score: 14.966 on UB
- **lowest** score: 12.133 on VT(1)

### Comparison of highest/lowest Final score – all 4 apparatus in the Qualifications



Note: without counting the short exercise on FX -4.00 (FS: 6.700)

### Extreme D- and E- Scores in the Qualifications

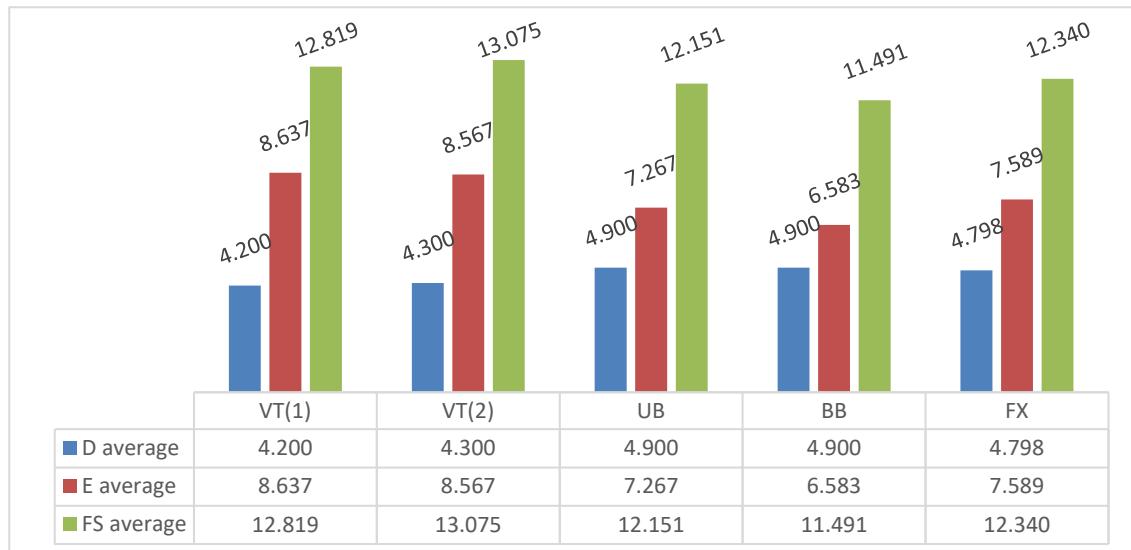


Note: without counting the short exercise on FX (D-score: 3.100)

# FÉDÉRATION INTERNATIONALE DE GYMNASTIQUE

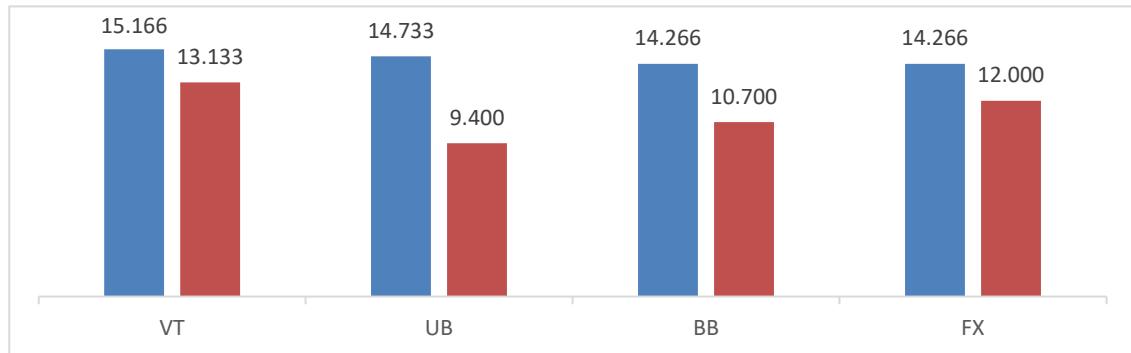


## Comparison of average final score/D-score/E-score – all 4 apparatus in the Qualifications

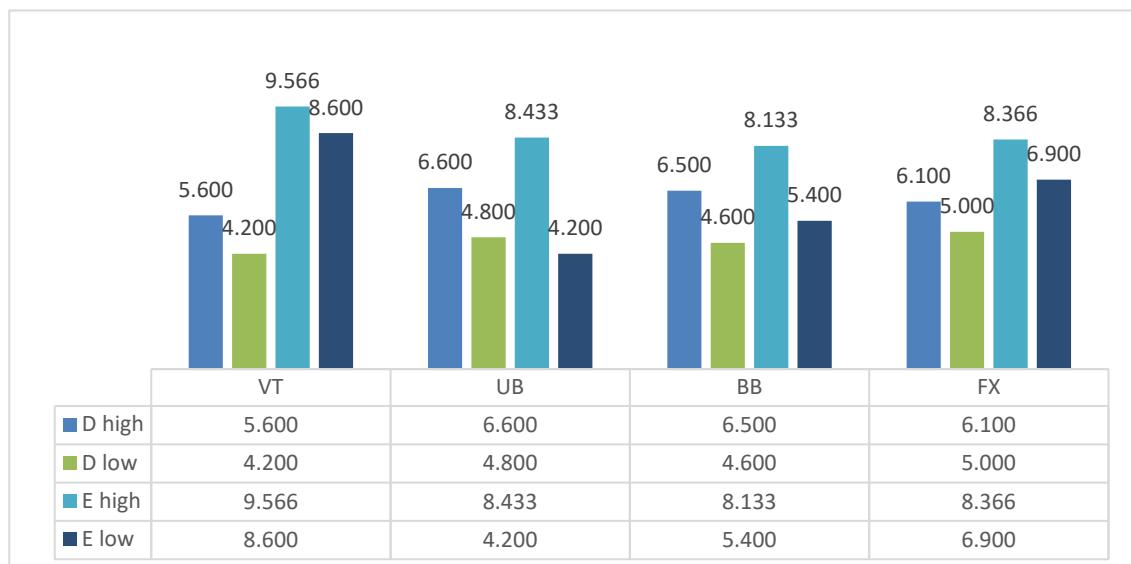


Note: without counting the short exercise on FX (FS: 6.700 / D-score 3.100 / E-score 7.90)

## Comparison of highest/lowest final score – all 4 apparatus in the Team Final:



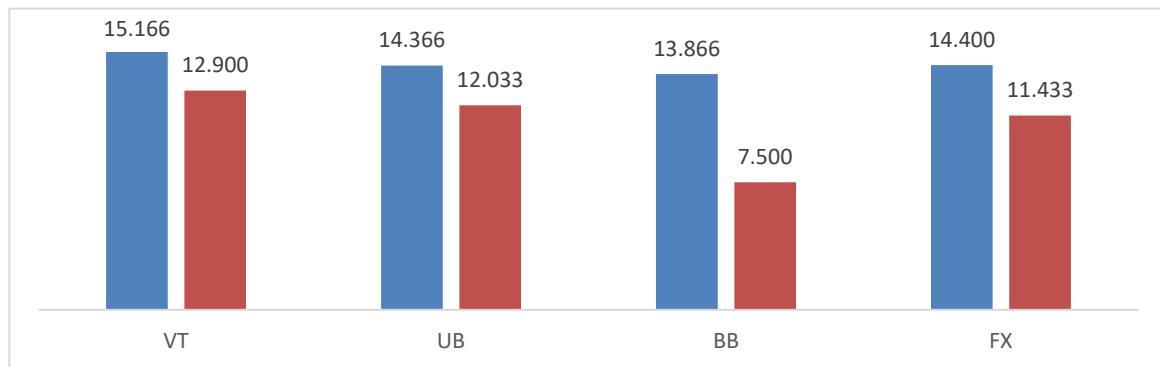
## Extreme D- and E- Scores in the Team Final:



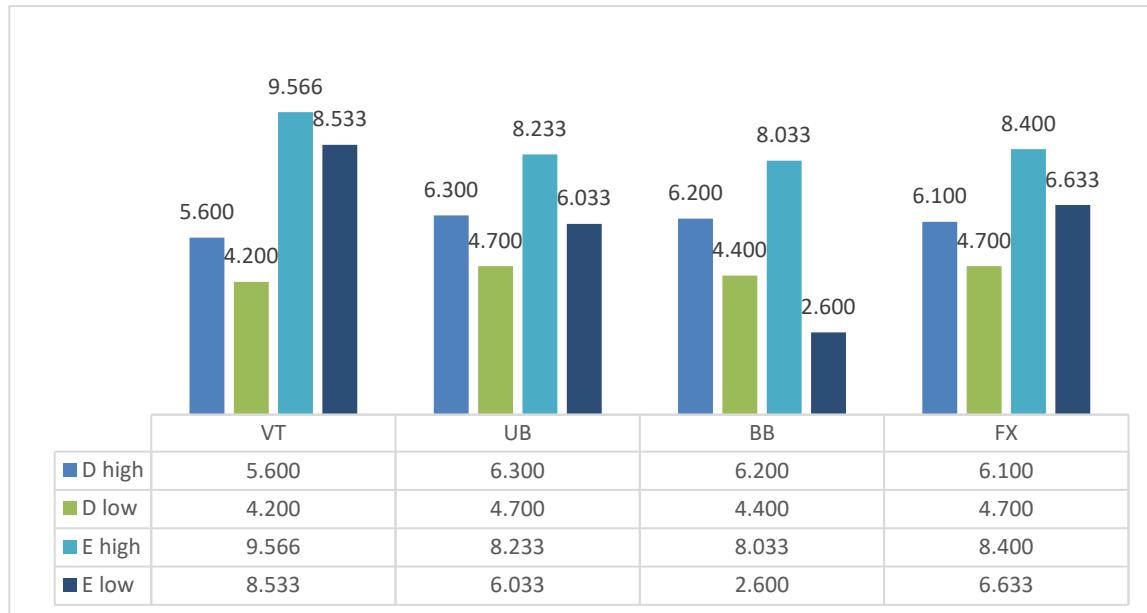
# FÉDÉRATION INTERNATIONALE DE GYMNASTIQUE



Comparison of highest/lowest final score – all 4 apparatus in the All-Around Final:



Extreme D- and E- Scores in the All-Around Final:



## VAULT

In the Qualifications 144 gymnasts performed 174 vaults from the following groups:

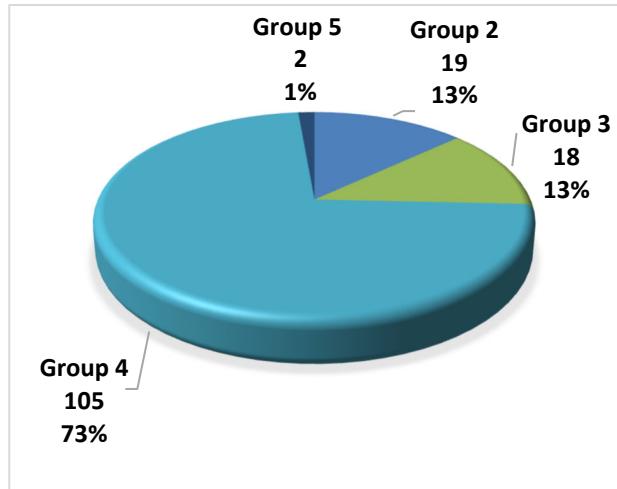
	1 <sup>st</sup> . Vault	
Group 1	0	0%
Group 2	19	13%
Group 3	18	13%
Group 4	105	73%
Group 5	2	1%
Total	144	100%

	2 <sup>nd</sup> Vault	
Group 1	0	0%
Group 2	5	17%
Group 3	13	43%
Group 4	5	17%
Group 5	7	23%
Total	30	100%

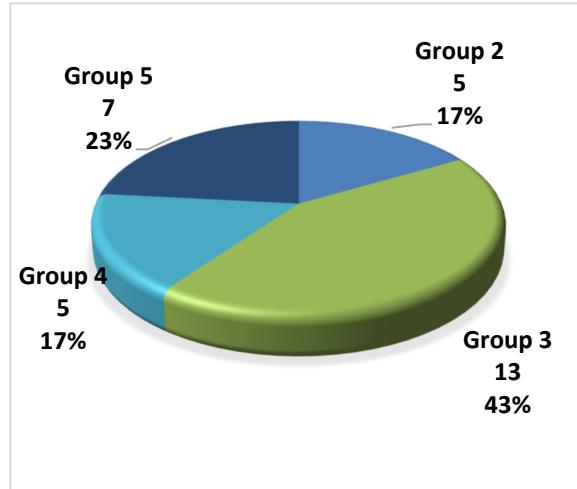
# FÉDÉRATION INTERNATIONALE DE GYMNASTIQUE



## Group of 1<sup>st</sup> VT



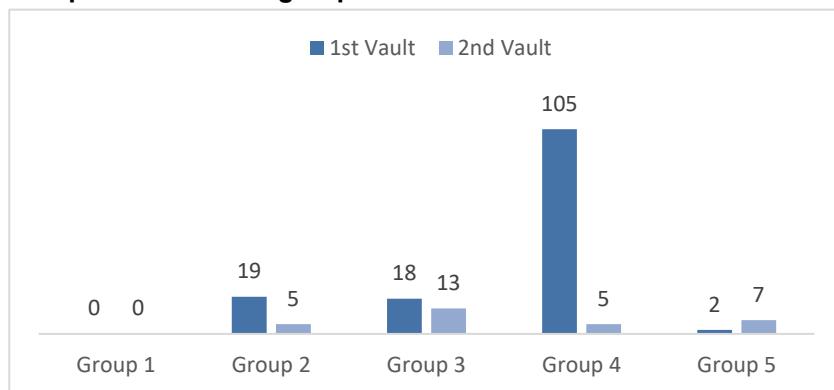
## Group of 2<sup>nd</sup> VT



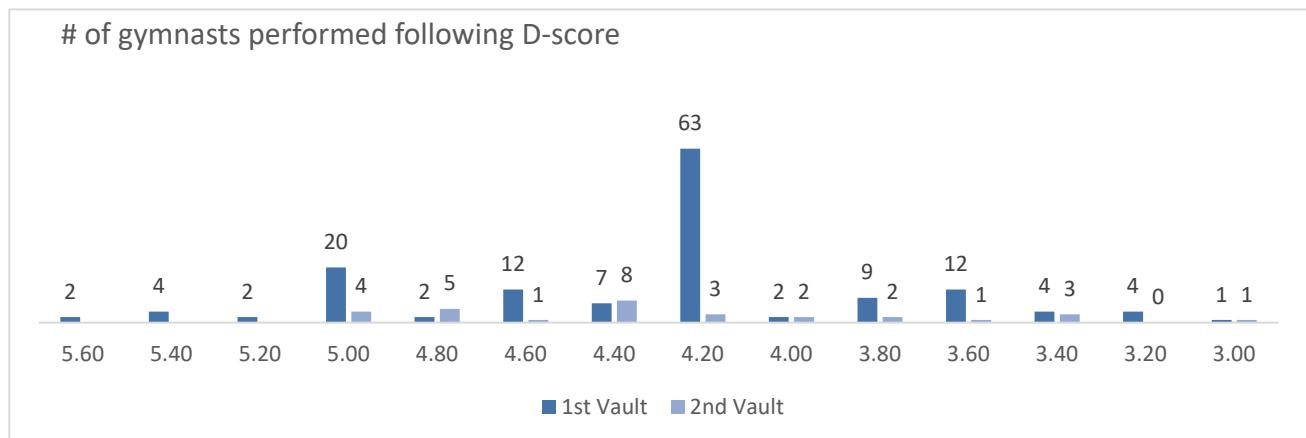
### 1<sup>st</sup> Vault:

Highest Final Score:	15.066	ANDRADE Rebeca	BRA
Highest D-Score:	5.600	CAREY Jade USA	USA
		ANDRADE Rebeca	BRA
Highest E-Score:	9.600	MAGGIO Martina	ITA

## Comparison of Vault groups

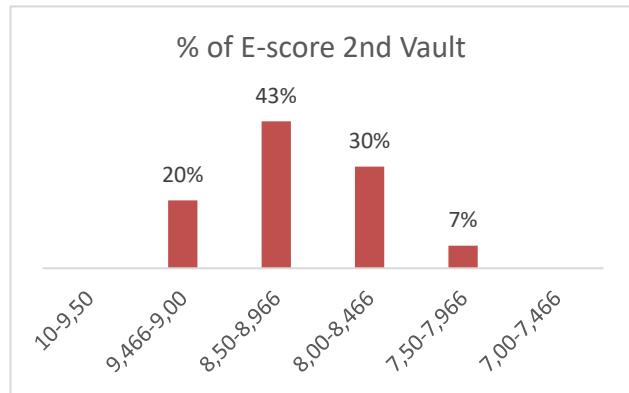
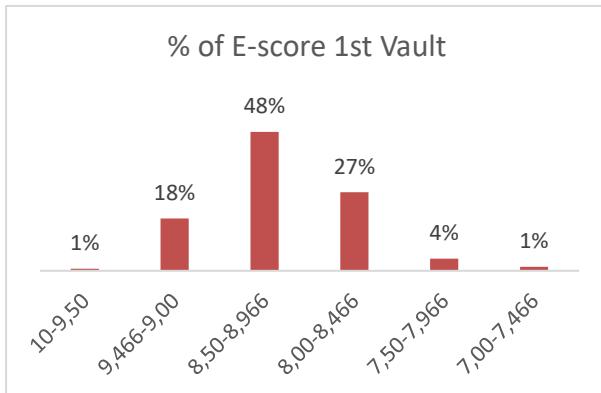


## D-score 1<sup>st</sup> and 2<sup>nd</sup> Vault in details

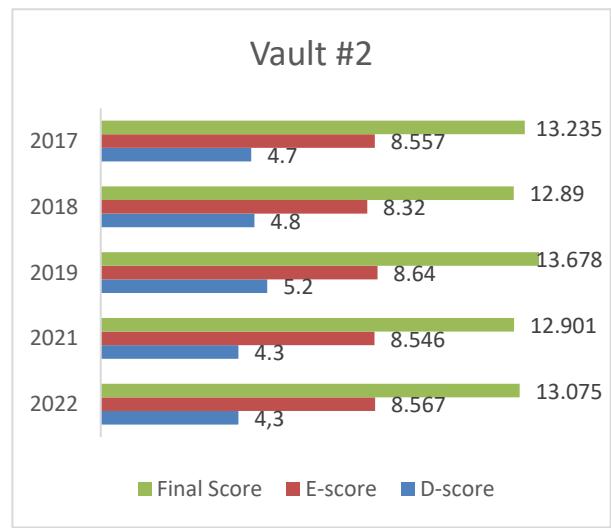
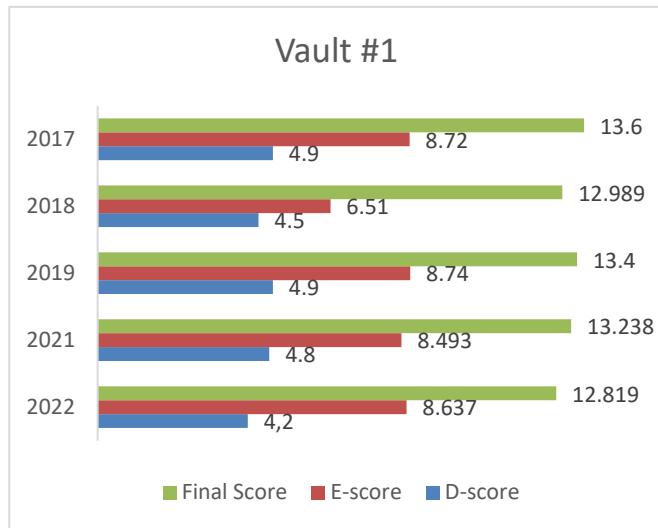




## **E-score 1<sup>st</sup> and 2<sup>nd</sup> Vault**



### Comparison of average D-score/E-score and Final score from World Championships editions



## Vaults “0”

DNF/DNS 1/3

**Line deductions** 0,10 14  
0,30 7

**Inquiry** 0

### Remarks:

- 16 Vaults were recognized as different from the vault announced (total both vaults)
- The video review has been used 1 time



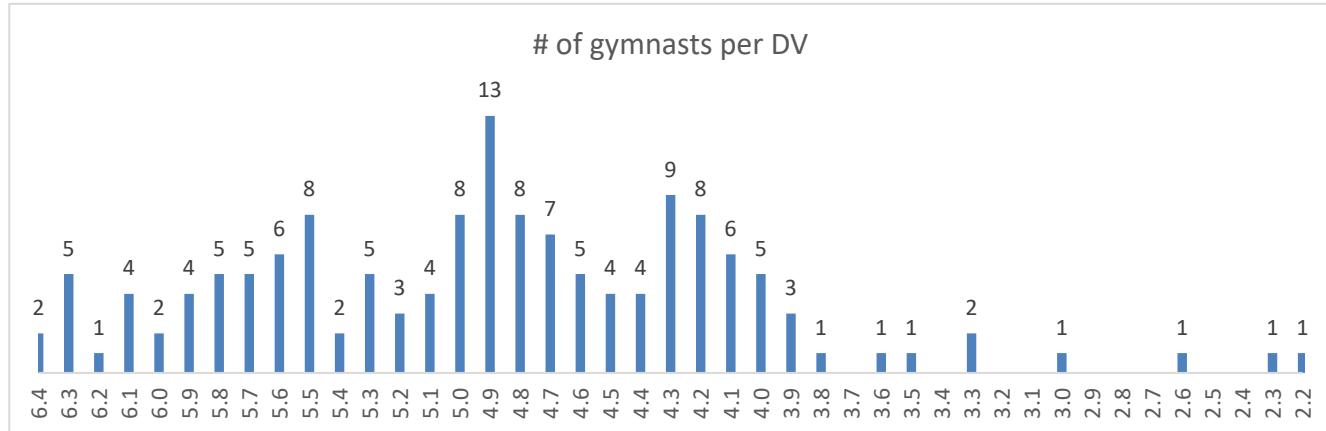
## UNEVEN BARS

In the Qualifications, 145 gymnasts competed

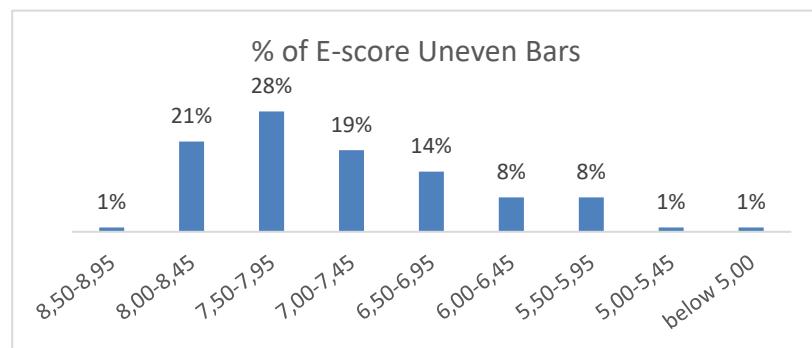
Highest Final Score:	14.90	LUO Rei	CHN
Highest D-Score:	6.40	LUO Rei	CHN
		WEI Xiaoyuan	CHN

Highest E-Score: 8.566 ANDRADE Rebeca BRA

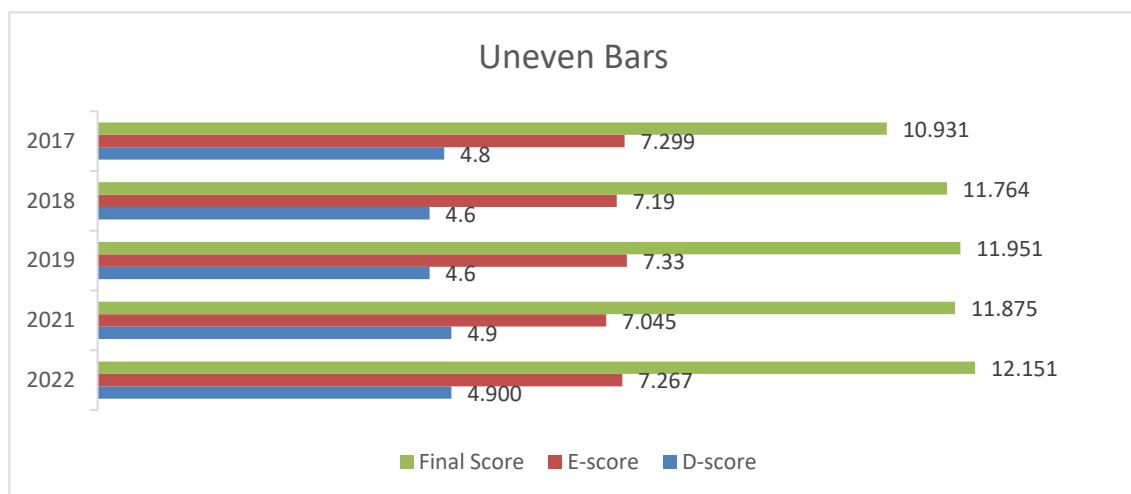
### Details D-Score UB



### Details E-Score UB



### Comparison of average D-score/E-score and Final score from World Championships editions



# FÉDÉRATION INTERNATIONALE DE GYMNASTIQUE



## Missing Composition requirements

1	Flight from HB to LB	3
2	Flight on the same bar	6
3	Different grips	4
4	Non flight element with 360° LA	2

## Dismount

No DMT	0
A or B-DMT	A-28 B-33
C DMT	23
D DMT (or higher)	61

## Connection Value:

### # of connections performed and rewarded

+0.10 143 times

+0.20 40 times

D+C or more - 28 times; E+E one flight - 2 times; F+D both flight - 10 times

**Total # of falls:** 35 (4 gymnasts with more than 1 fall)

## Inquiry:

Qualifications: 1 inquiry was lodged and accepted

Team Final: 1 inquiry was lodged and accepted

All-Around Final: 1 inquiry was lodged but the score remained unchanged

Apparatus Final: 1 inquiry was lodged but the score remained unchanged

**Request to raise the bars:** 3 times - AUS, BAR, TTO

## Neutral deduction:

Time deduction - exceeding fall time by more than 1 second - 1 time

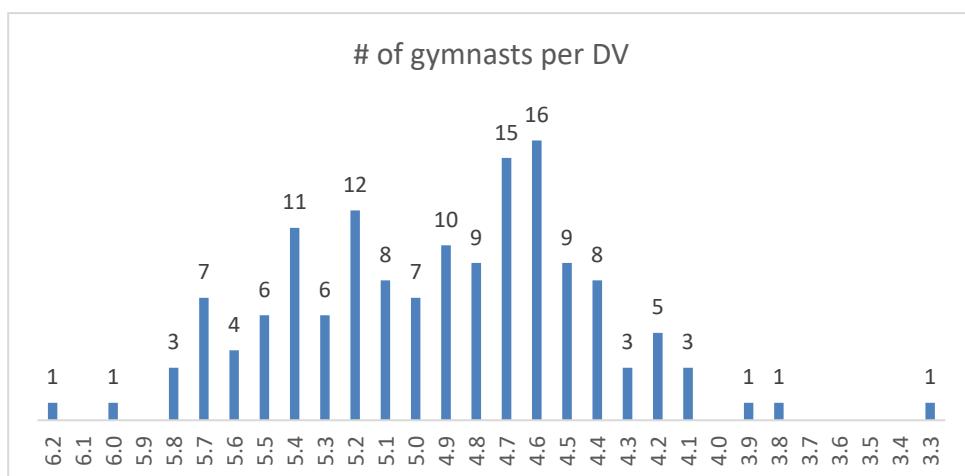
Time deduction - not starting within 30 seconds of green light - 1 time

# BALANCE BEAM

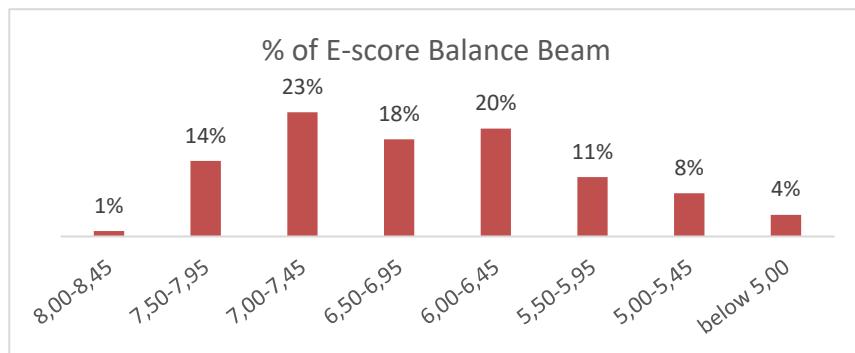
In the Qualifications, 147 gymnasts competed

Highest Final Score:	13.90	OU Yushan	CHN
Highest D-Score:	6.20	OU Yushan	CHN
Highest E-Score:	8.20	WATANABE Hazuki	JPN

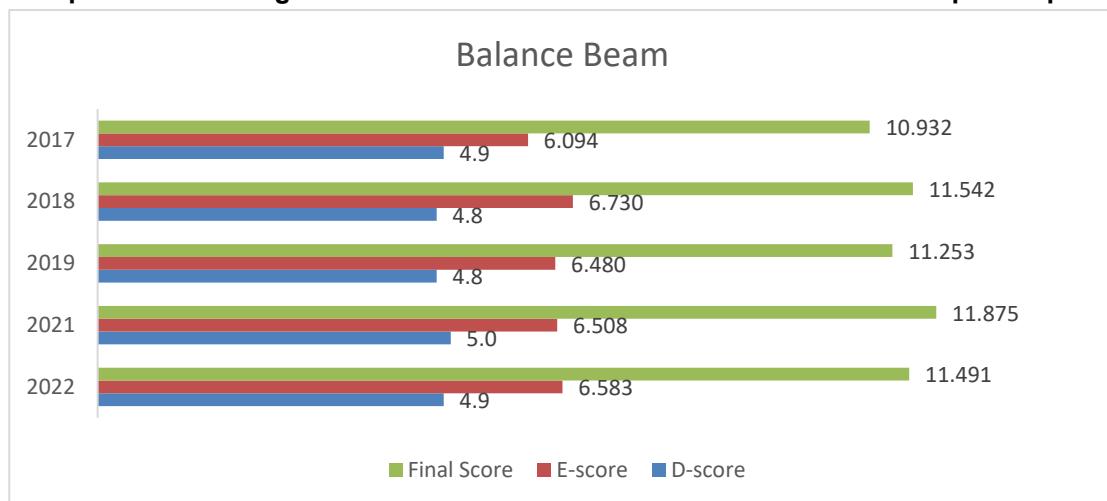
## Details D-Score BB



## Details E-Score BB



## Comparison of average D-score/E-score and Final score from World Championships editions



## Missing Composition requirements

1.	Dance series	3
2.	Turn/Roll	0
3.	Acro series	3
4.	Acro elem. Direction	0

## CR#2 fulfilled with roll or flairs

Roll	Flairs
2	0

## Dismount

No DMT	0
A or B-DMT	A-1 B-27
C DMT	63
D DMT (or higher)	56



## Connection Value

### # of connections performed and rewarded

**+0.10**      **129** times

Among them:

Series Bonus - 57 times (Acro 27; Gym 12; Mixed 18)

A+C Turns - 1 time; Dance - 48 times; D+B mixed - 26 times

**+0.20**      **20** times

Among them:

Acro C+D - 9 times; Dance/Mixed - 5 times; DMT - 54 times

**Total # of falls:**      87 (with 18 gymnasts with more than 1 fall)

**Time deductions:**      15 times

**Inquiry:**      Apparatus Final: 2 inquiries were lodged but the scores remained unchanged

**Neutral deduction:**      Incorrect attire (leotard) – 2 times

## FLOOR

In the Qualifications - 143 gymnasts competed

Highest Final Score:      14.20      SARAIVA, Flavia      BRA

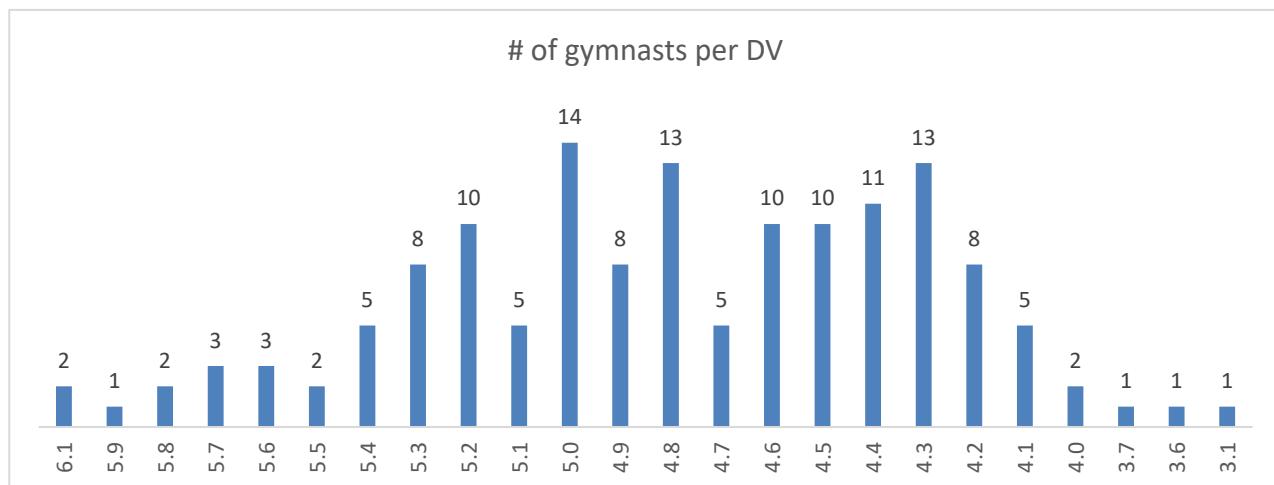
ANDRADE, Rebeca      BRA

Highest D-Score:      6.10      ANDRADE, Rebeca      BRA

CAREY, Jade      USA

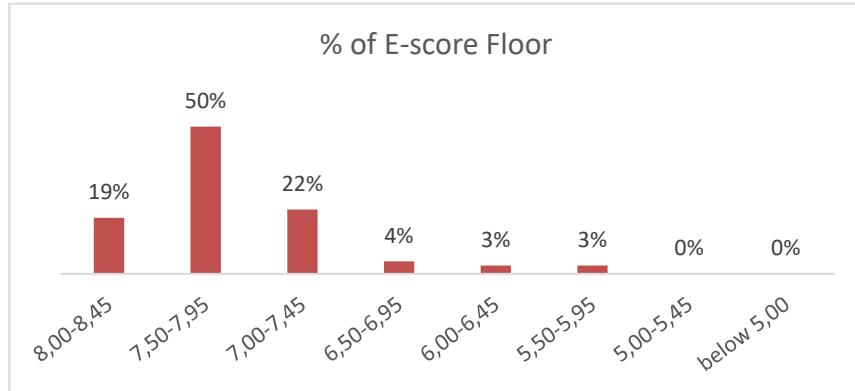
Highest E-Score:      8.400      SARAIVA, Flavia      BRA

### Details D-Score FX

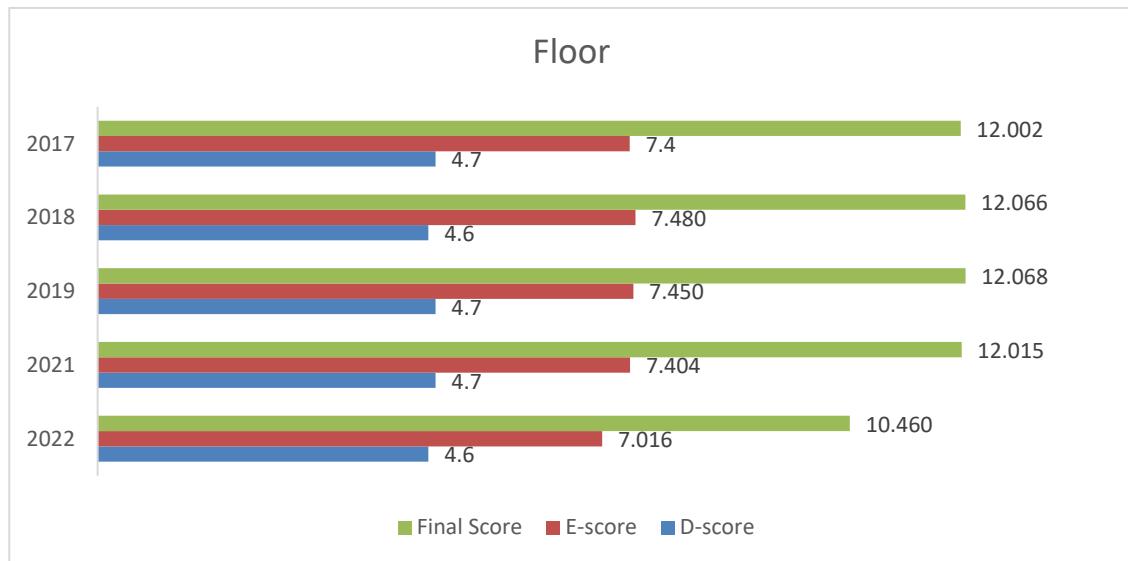




## Details E-Score FX



## Comparison of average D-score/E-score and Final score from World Championships editions



## Missing Composition requirements

1.	Dance passage	1
2.	Saltos direction	0
3.	Salto with 360° LA turn	0
4.	Double salto	1

## Dismount

No DMT	0
A or B-DMT	13
C DMT	35
D DMT (or higher)	95

## Connection Value

### # of connections performed and rewarded

- +0.10      35 times
- +0.20      15 times      Among them:  
direct A+E - 8 times; C+D - 1 time



indirect C+E - 3 times; A+A+E - 3 times

**Line deductions:** 0.10      0.30  
31 times      13 times

**Time deduction:** 0

**Total # of falls:** 19 (1 gymnast with more than 1 fall)

**Inquiry:**      Apparatus Final: 2 inquiries were lodged but the score remained unchanged  
1 inquiry was lodged, and the score was lowered

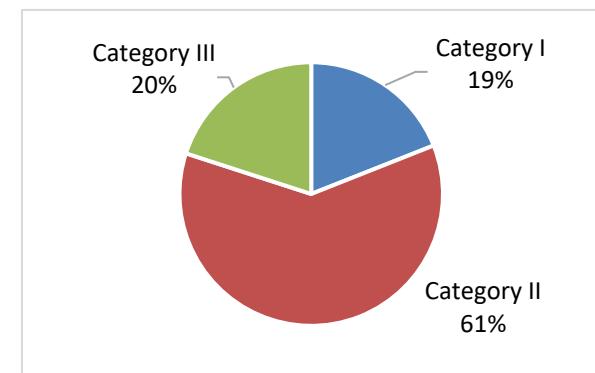
## 8. JUDGING ACTIVITIES

- Numbers and Federations** - 49 federations were represented by 69 judges.  
2 of them were represented only by 1 D judge: LAT, SLO  
6 Federations with 1 D judge and 1 E judge: AUS, CHN, ESP, GER, NOR, NZL

- Categories of the 69 judges**

- 13 Category I (including the 8 D-Panel Judges)
- 42 Category II
- 14 Category III

All federations received at least 1 E - position



### Judges' Review Session (Instruction) and Judges' Draw

The WTC spent time preparing the PPTs for the judges' instruction. They were able to go into more details by utilizing separate PPTs for the D and E panels. This helped clarify the duties of the different panels. The Judges' instruction, the Judges' briefings and the draws were all carried in presence.

5 exercises for the E evaluation were published in STS in advance. The judges had the opportunity to be prepared. During the Judges' instruction, the ASs presented the WTC evaluations with specific comments on questionable issues.

A summary of the PPTs will be published later in STS to give information to all judges worldwide.

Dr Hugues Mercier made a presentation to the judges via video conference, and explained how the JEP program currently works.

Johanna Gratt made a presentation explaining the STS applications to all the judges. The presentation highlighted the utilization of the STS program for the Judges' education by federations.

# FÉDÉRATION INTERNATIONALE DE GYMNASTIQUE



## Assessment of the Judging

### Superior Jury

Due to UK government authorities' policy for anyone wishing to apply for a visa with a Russian/Belarusian passport, Ms. Liubov Andrianova was ultimately unable to attend. She was replaced by Ms. Tatiana Perskaia.

### D- Panel

All D Panel judges managed to evaluate the gymnasts by correctly applying the criteria.

### E- Panel

Due to the removal of the Reference Judges, there are now seven judges on the E-panel for each apparatus.

After the Qualifications, the WTC conducted a PCVR of selected exercises according to the rules.

All exercises from the Team Final, the All-Around Final and the Apparatus Finals were evaluated by the WTC (PCVR).

The objective and quality work of the judges is to be commended.

**Judges' placement:** The Judges' panels and Apparatus Supervisors sat in one line, outside the field of play and were separated by barriers.

Line judges on vault and floor sat at the end of the judges' podium and evaluated the performance on video.

Note:

Following extenuating circumstances, a gymnast was unable to arrive; the Jury of Appeal permitted the federation judge to participate at the World Championships, based on Article 7.10.3 of the FIG/TR.

## 9. VENUE AND APPARATUS

### • Apparatus

Apparatus Commissioner

The presence of Mr. Daniel Fesser was very important, and the WTC would like to thank him for his cooperation.

### • Apparatus supplier

The apparatus was supplied by "Gymnova"

The WTC would like to express their gratitude to the "Gymnova" technical team for their constant availability and help.

### • Swiss Timing

On behalf of the WTC, I extend my heartfelt thanks to Christophe Pittet and the team from Swiss Timing for their friendly attitude and professional collaboration, including the management of the IRCOS Video System. It was a pleasure to work with them as usual.

### • Medical Staff

Dr. Jay Binder was amazing, always available, and no problem was too small or too large for his expertise. The WTC would like to express their deepest thanks to Dr. Binder and the LOC medical team for carrying out their work so professionally



## 10. CONCLUSION AND THANKS

The number of participating federations was reduced due to the new format and qualification system.

There was an excellent atmosphere in the arena which became “electric” at times due to the extremely high level of gymnastics being shown by the gymnasts. This was enhanced by the great support of the audience and the entertainment of the hall announcer, Lisa Gannon.

It was great to have a former gymnast, Danusia Francis, as a field of play announcer.

From the moment the city of Liverpool took on the staging of these World Championships we were made to feel welcome by the Event Director Mr. Matthew Greenwood at every stage. The Championships Director Ms. Gemma Williams-Fox, Chief Operating Officer Ms. Stuart Campbell, Event Operations Manager Mr. Mike Chalmers all led an amazing team of personnel. We were impressed by their constant attention to detail and systematic organization which all helped to produce an excellent event. This in turn led to competition which was enjoyed by everyone. The WTC extend their heartfelt thanks and warm appreciation for the very positive attitude and cooperation.

Special thanks also go to the kind and hard-working volunteers. The WTC were supported by this team throughout the event and would like to thank them for everything they did towards the conducting of a successful Championships.

It was a great pleasure to work with Sue Tredgold and Maria McLoughlin and their exceptional team. They handled all the hospitality arrangements for the judges and the WTC extremely efficiently. Their friendly attitude and smiling faces made them a joy to work with throughout our stay.

The presence and leadership of the FIG President Mr. Morinari Watanabe was appreciated by the Womens' Technical Committee.

We could not stage such events without the assistance of the FIG Staff and would like to thank Mr. Nicolas Buompane, Ms. Céline Cachemaille and Mr. Stéphane Détraz. The work of the FIG office staff often goes unnoticed, but without their hours of preparation before any event and their unobtrusive work during the various stages of the competition, things would not run so smoothly. Their assistance is invaluable, and we thank them for their professional support, particularly during critical situations.

Our thanks also go to the members of the FIG Authorities, in particular Ms. Nellie Kim and Mr. Mouhammed Youssef Al-Tabbaa (WAG Jury of Appeal), for their support and help during all competition phases. They have a wealth of knowledge from their years in the sport and this is very valuable during stressful moments. Thanks also to Mr. Ali Al-Hitmi and Mr. Suat Celen (MAG Jury of Appeal) for their attendance during the WAG competitions.

My final thanks go to all my WTC members. They all worked together as an excellent team with a very professional attitude. Everyone did a great deal of diligent preparation before arriving in Liverpool and this enabled training sessions, podium training and judges' meetings to run smoothly. The handling of judging during the actual events and the PCVR judging was also treated with care. Thank you all!

# FÉDÉRATION INTERNATIONALE DE GYMNASTIQUE



Respectfully submitted,

Donatella Sacchi, President FIG/WTC

Helena Lario, Secretary