



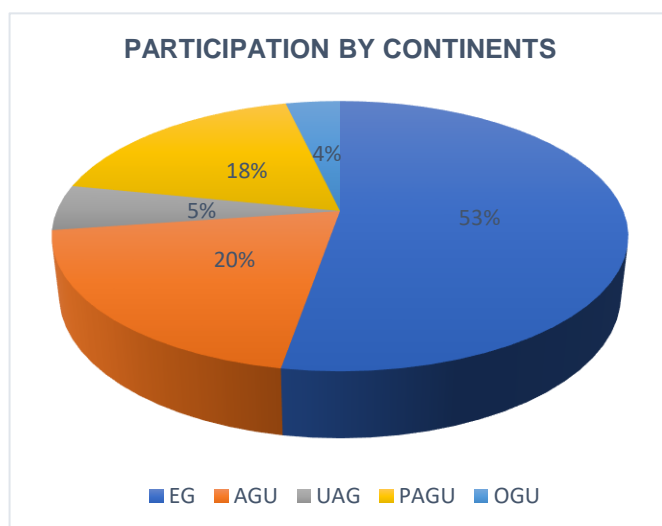
## 2022 World Championships – Liverpool (GBR) Men's Technical Committee Report

By Mr. Arturs MICKEVICS, President Men's Technical Committee

### 1. PARTICIPATION IN QUALIFICATIONS

55 National Federations (NFs) participated ↓

(Arrow ↑ ↓ shows numbers compared to the 2019 World Championships in Stuttgart (GER))



Continental union	NF	%
EG	29↓ (39)	52,7
AGU	11↓ (20)	20
UAG	3↓ (5)	5,5
PAGU	10↑ (8)	18,2
OGU	2=	3,6
	55↓ (80)	

From 55 participating NFs

24 competed as a Team

4 competed with 5 gymnasts

2 competed with 4 gymnasts

4 competed with 3 gymnasts

8 competed with 2 gymnasts

13 competed with 1 gymnast

### 2. TOTAL 187 GYMNASTS PARTICIPATED 255 in Stuttgart

GYMNASTS PER APPARATUS:

Floor – 132 205

Pommel Horse – 138 205

Rings – 128 201

Vault – 27 (133) 39 205

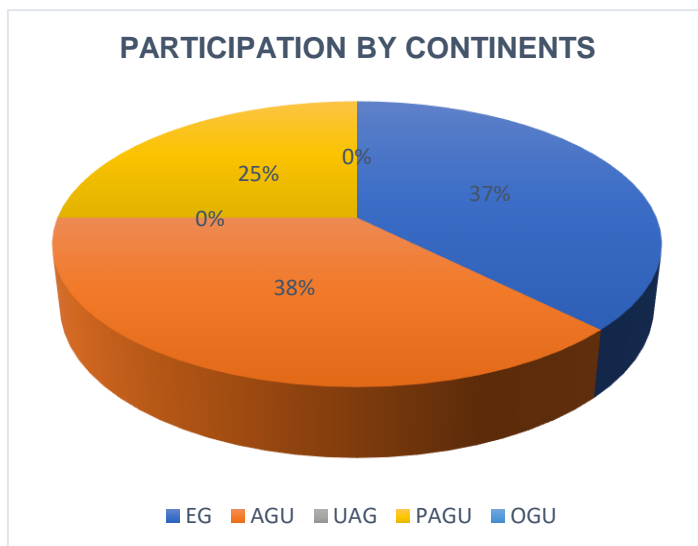
Parallel Bars – 139 192

High Bar – 138 199

Continental union	Nº of participants	%
EG	113	60,4
AGU	35	18,7
UAG	7	3,75
PAGU	25	13,4
OGU	7	3,75
	187	



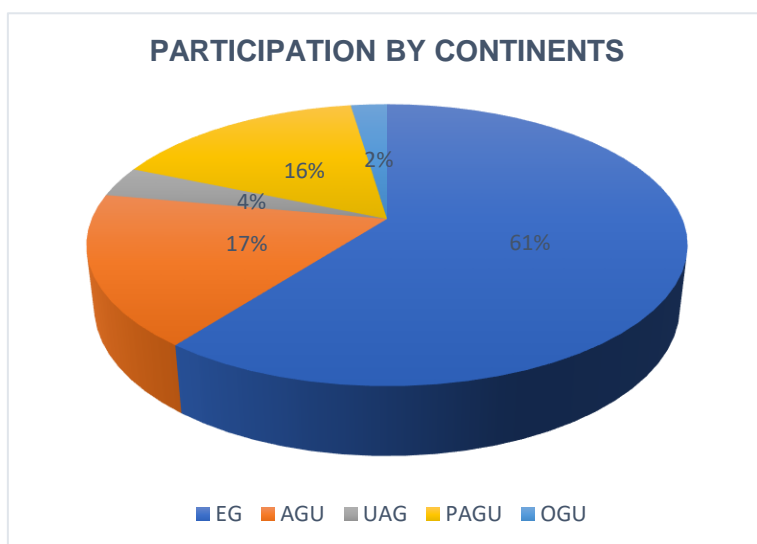
## 3. PARTICIPATION IN THE TEAM FINAL



Continental union	Nº of teams	%
EG	3↓ (4)	37,5
AGU	3=	37,5
UAG	0	0
PAGU	2↑ (1)	25,0
OGU	0	0
	8	

## 4. PARTICIPATION IN ALL-AROUND QUALIFICATIONS

86 athletes participated in All-Around Qualifications 156 in Stuttgart



Continental union	Nº of gymnasts	%
EG	52 85	60,5
AGU	15 28	17,4
UAG	3 4	3,5
PAGU	14 35	16,3
OGU	2 4	2,3
	86 156	

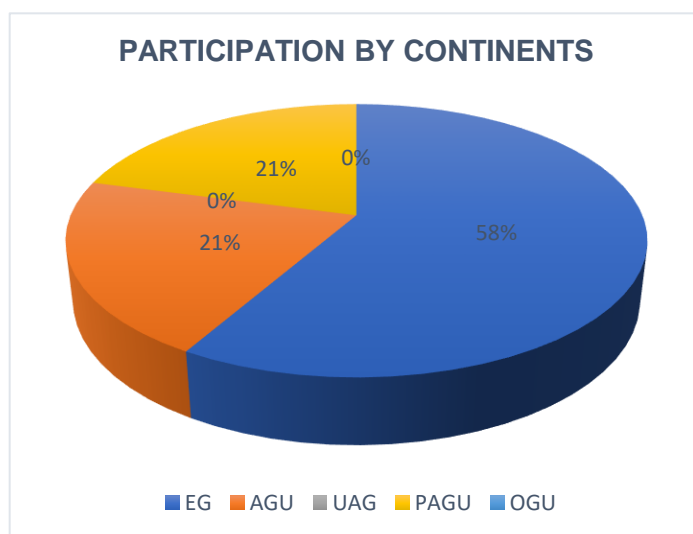


## 5. PARTICIPATION IN ALL-AROUND FINAL

7 NFs competed with 2 gymnasts: BRA, ESP, GBR, HUN, ITA, JPN, USA

10 NFs competed with 1 gymnast: BEL, CHN, COL, GER, NED, NOR, PHI, ROU, TPE, UKR

Total NFs – 17



Continental union	No of the gymnasts	%
EG	14↑	58,4
AGU	5↓	20,8
UAG	0	0
PAGU	5↑	20,8
OGU	0	0
	24	

## 6. PARTICIPATION IN APPARATUS FINALS

1 NF competed in 6 finals: JPN

5 NFs competed in 3 finals: ARM, CHN, GBR, PHI, USA

4 NFs competed in 2 finals: BRA, KAZ, KOR, TUR

12 NFs competed in 1 final: AUS, COL, CRO, CYP, GER, ITA, IRL, JOR, FRA, NED, ROU, UKR

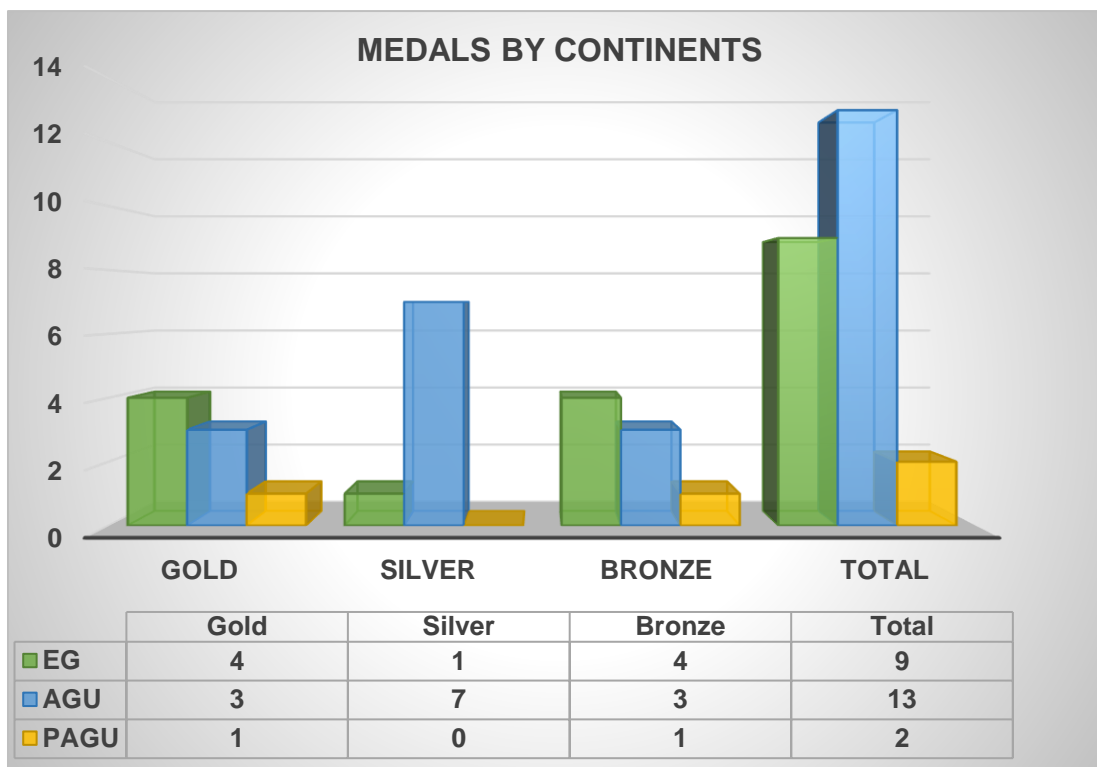
Total NFs – 22↓ - 24 in Stuttgart

## 7. MEDAL DISTRIBUTION BY PARTICIPATING NFs

NF	Gold	Silver	Bronze	Total
CHN	2	2		4
JPN	1	3	2	6
GBR	1		2	3
ARM	1		1	2
IRL	1			1
TUR	1			1
USA	1			1
PHI		1	1	2
GER		1		1
JOR		1		1
BRA			1	1
UKR			1	1

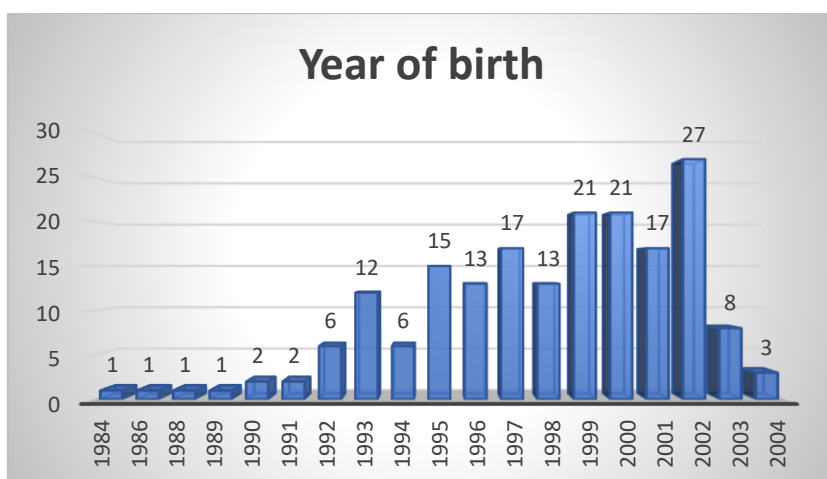


## 8. MEDAL DISTRIBUTION BY CONTINENTS



## 9. AGE OF THE GYMNASTS

**Total 187 gymnasts competed**

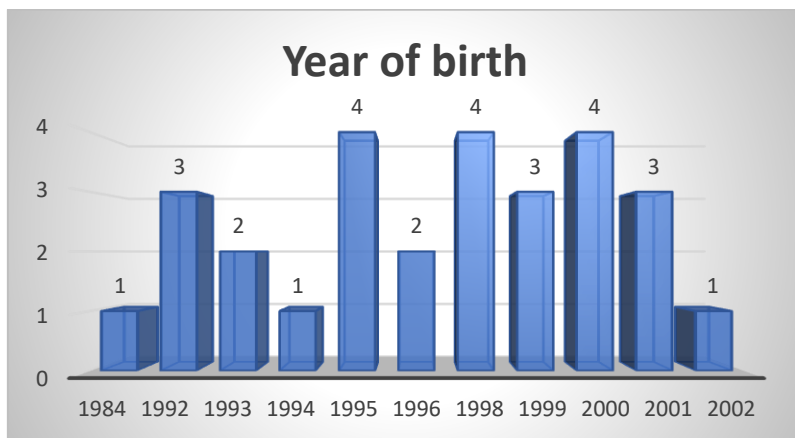


**Youngest – Emil AKHMEJANOV KAZ**  
**Oldest – Harutyun MERDINYAN ARM**

Year of birth	Nº of gymnasts	%
1984	1	0,53
1986	1	0,53
1988	1	0,53
1989	1	0,53
1990	2	1,06
1991	2	1,06
1992	6	3,2
1993	12	6,4
1994	6	3,2
1995	15	8,0
1996	13	6,95
1997	17	9,1
1998	13	6,95
1999	21	11,2
2000	21	11,2
2001	17	9,1
2002	27	14,4
2003	8	4,2
2004	3	1,6



**Total of 28 gymnasts won medals 32 in Stuttgart**



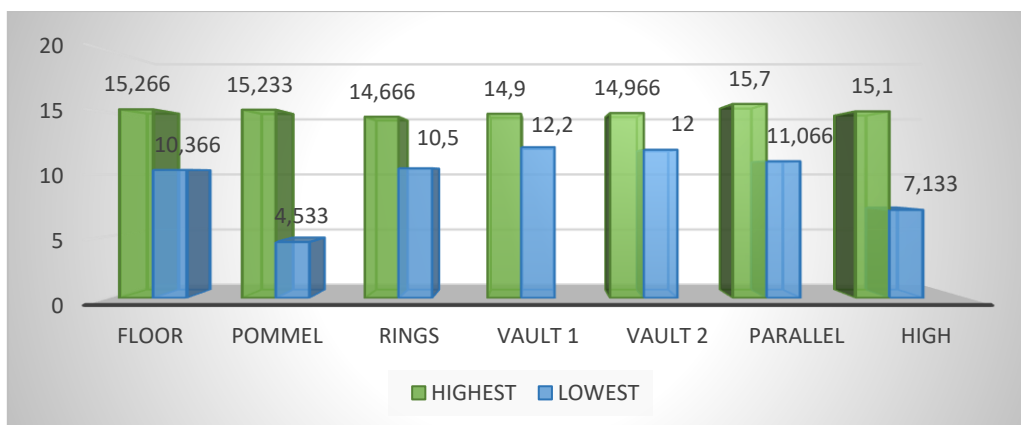
Year of birth	No of gymnasts	%
1984	1	3,57
1992	3	10,71
1993	2	7,14
1994	1	3,57
1995	4	14,28
1996	2	7,14
1998	4	14,28
1999	3	10,71
2000	4	14,28
2001	3	10,71
2002	1	3,57

**Youngest – Ryosuke DOI JPN**

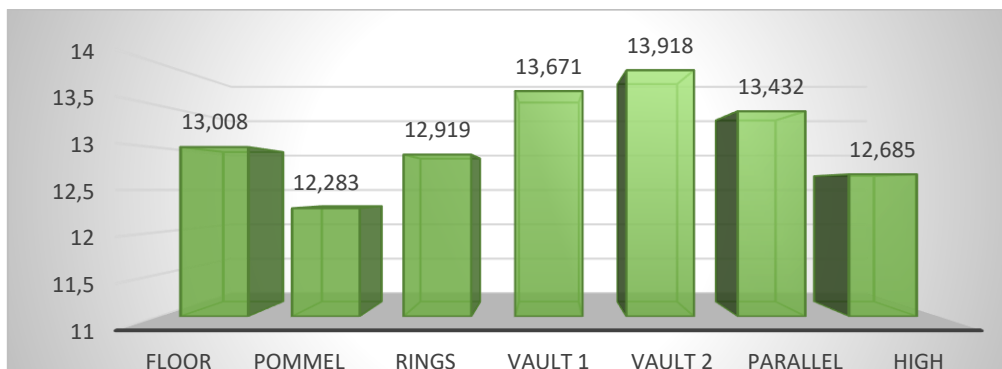
**Oldest – Harutyun MERDINYAN ARM**

## 10. LEVEL OF PERFORMANCE

**Comparison of highest/lowest final score in Qualifications**

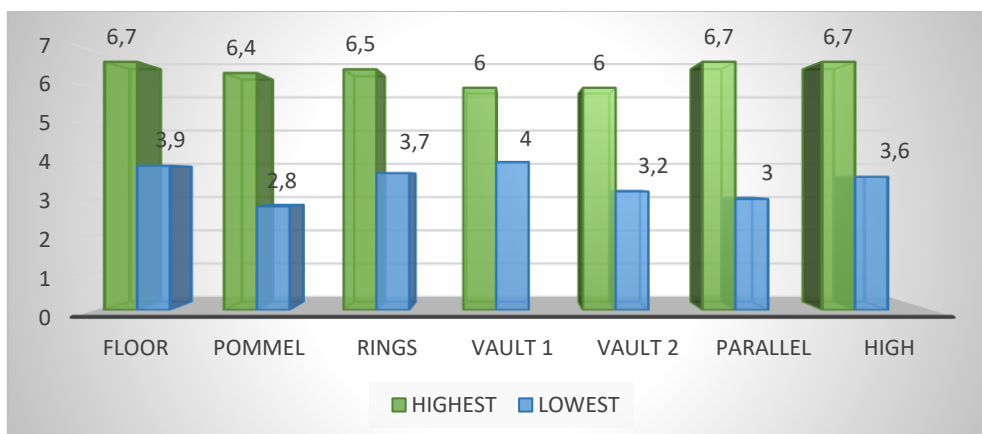


**Comparison of average final score in Qualifications**

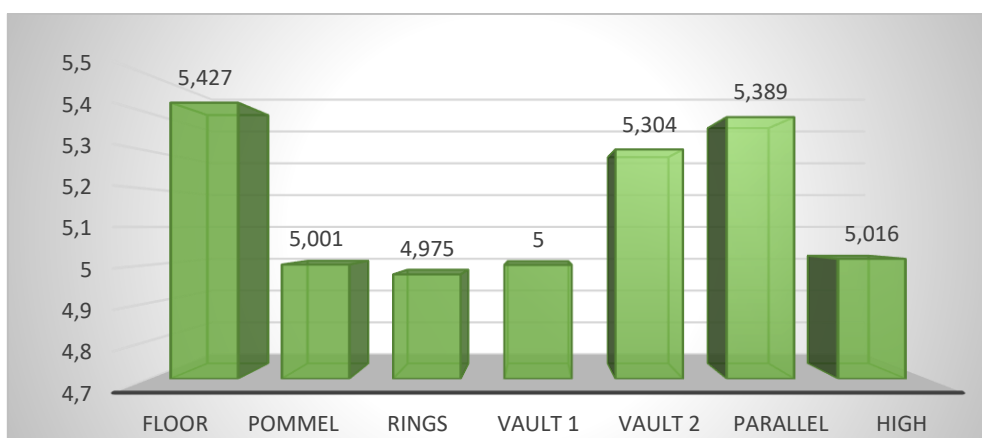




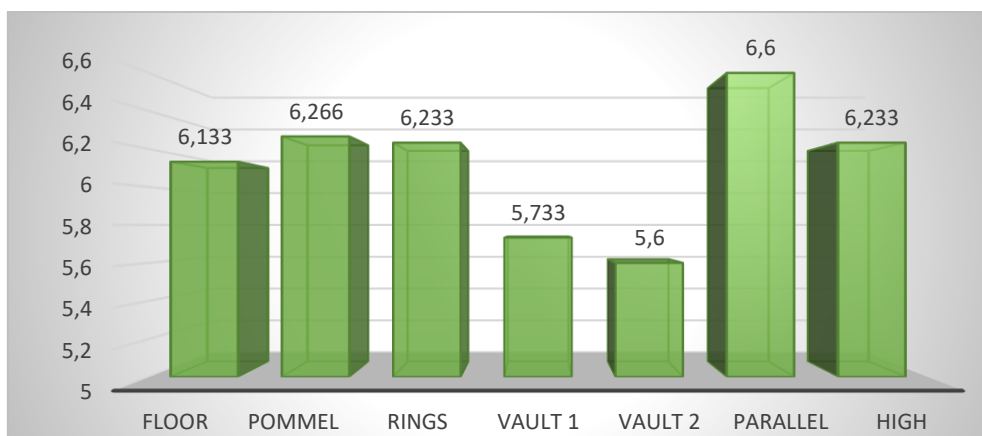
## Comparison of highest/lowest D score in Qualifications



## Comparison of average D score in Qualifications

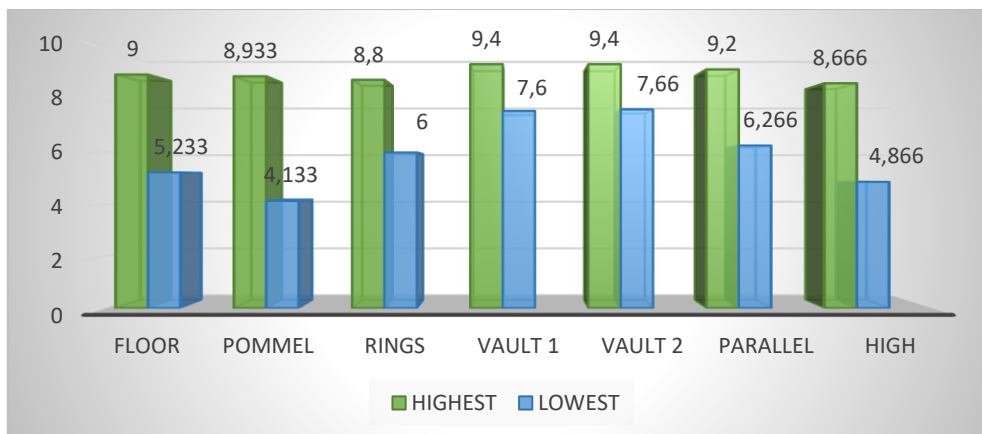


## Comparison of average D score of the Apparatus Finals' medalists

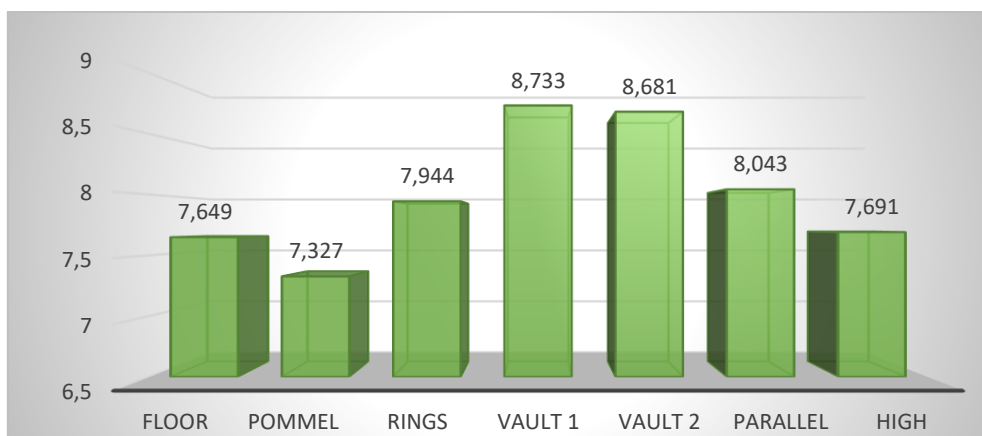




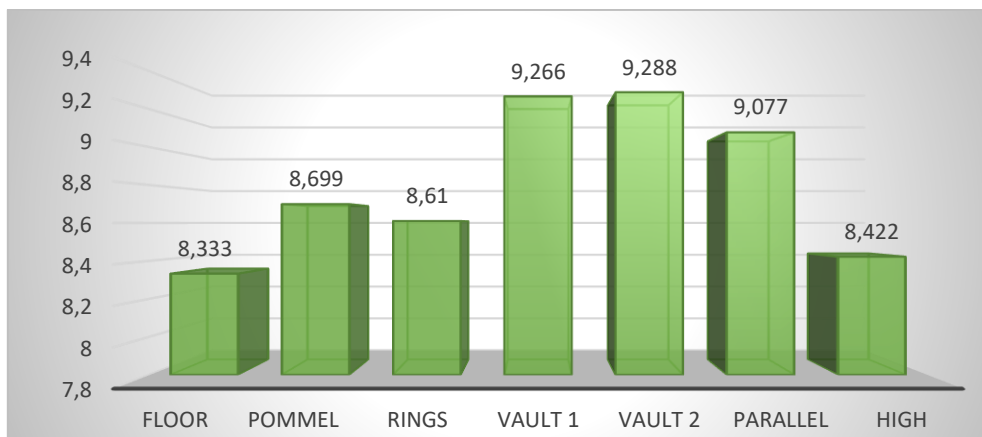
## Comparison of highest/lowest E score in Qualifications



## Comparison of average E score in Qualifications



## Comparison of average E score of the Apparatus Finals' medalists





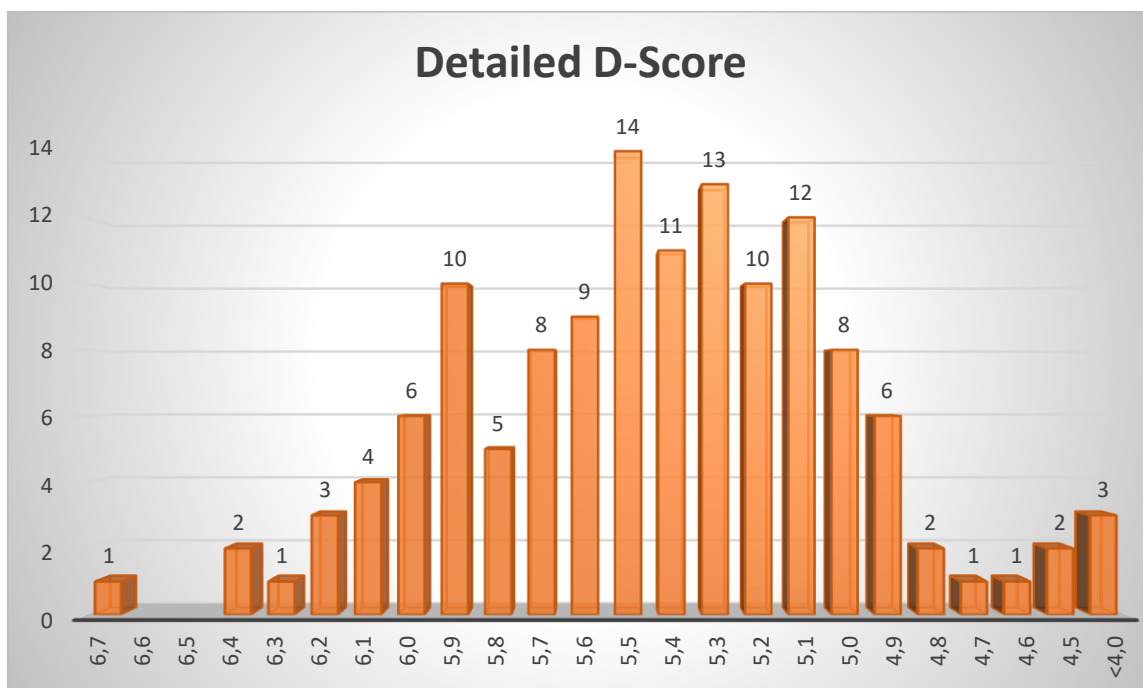
## 11.FLOOR

*In Qualifications 132 gymnasts competed*

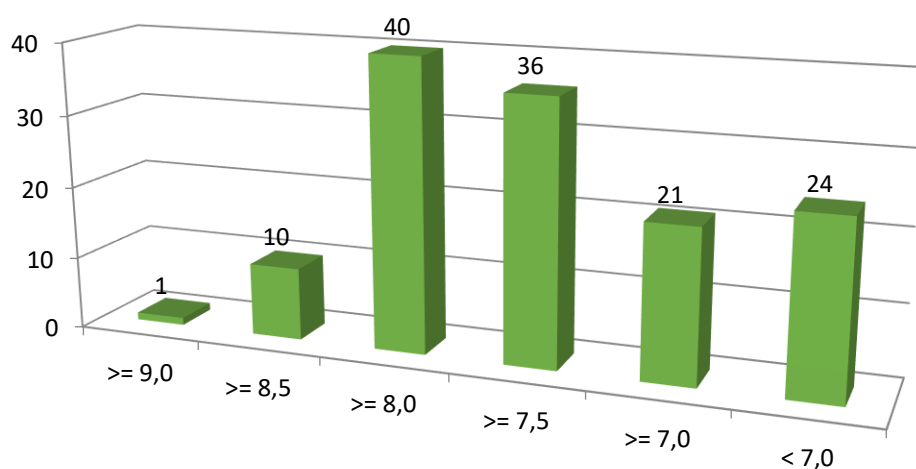
*Highest score: 15,266 Carlos Edriel YULO PHI*

*Highest D score: 6,7 Jake JARMAN GBR*

*Highest E score: 9,000 Utkirbek JURAEV UZB*



### Detailed E score

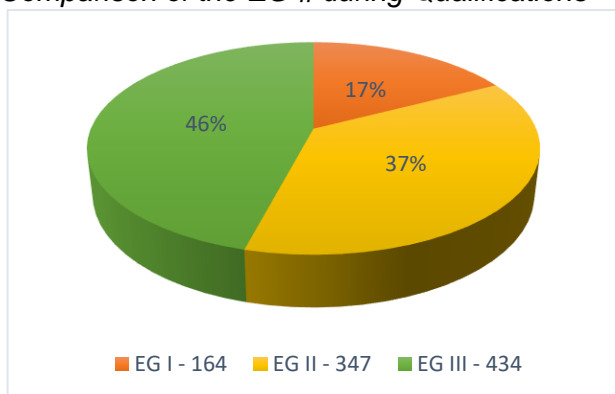




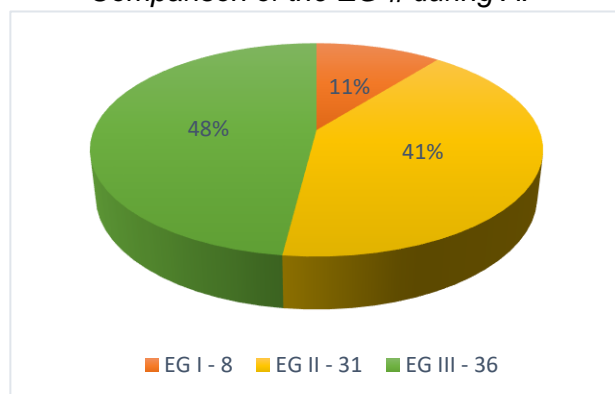


## Exercise construction.

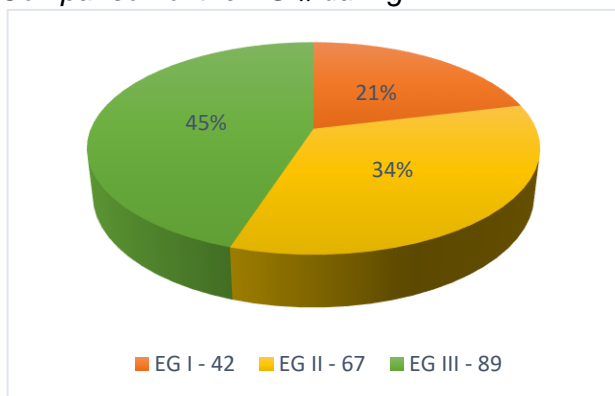
Comparison of the EG # during Qualifications



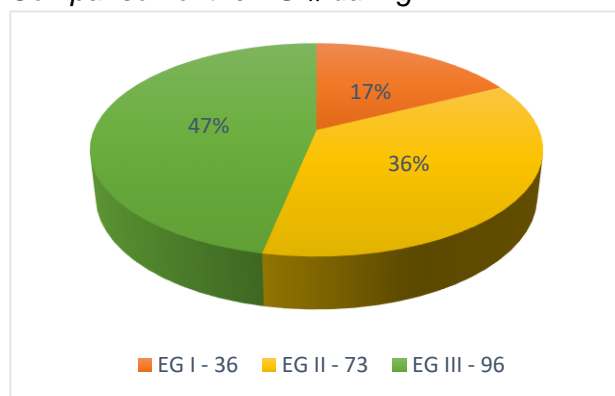
Comparison of the EG # during AF



Comparison of the EG # during AA

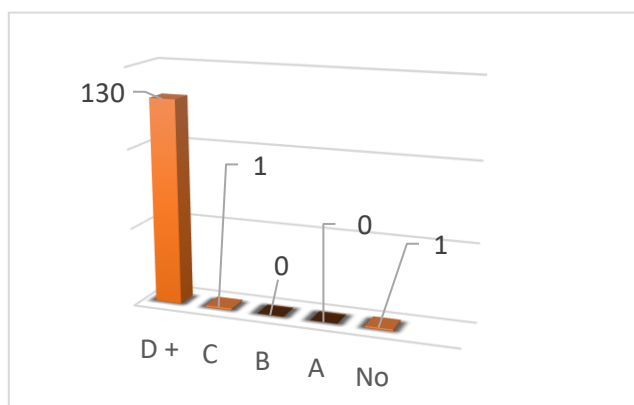


Comparison of the EG # during TF



## Dismount:

### Performed during Qualifications



## Connections

During Qualifications 124 times gymnasts performed a connection of 0.1,  
Connection of 0.2 was performed 13 times.



## **Blocked scores:**

2 times during Qualifications

1 time during Team Final

## **Inquiry:**

1 time during Team Final, JPN - accepted

## **Falls:**

36 times during Qualifications.

## **Time deductions (only during Qualifications):**

0,1 – 2 times.

0,3 – 2 times.

0,5 – 1 time.

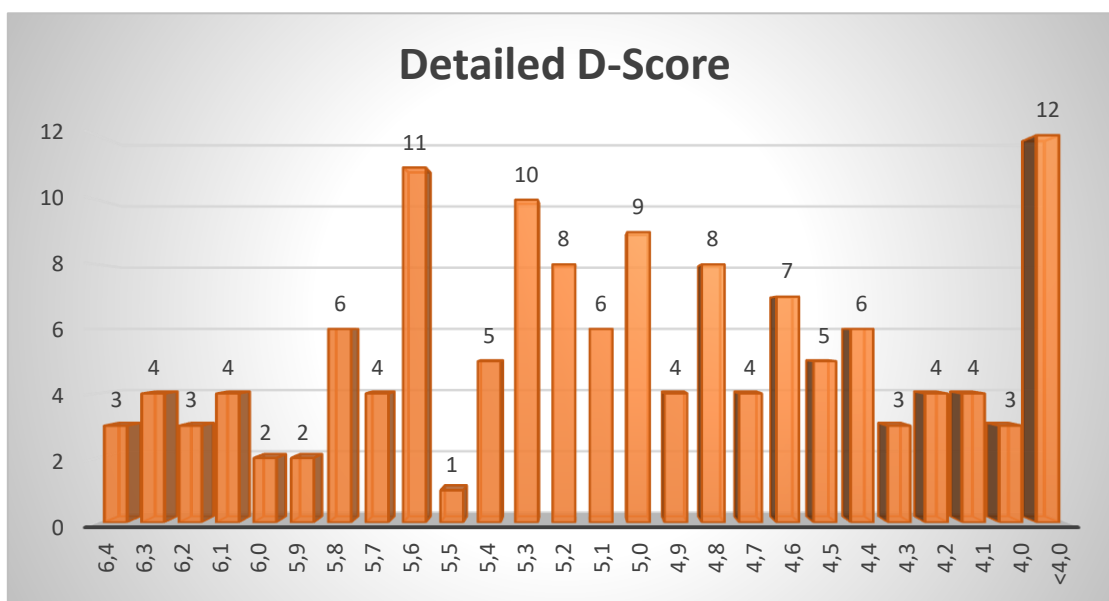
## **12. POMMEL HORSE**

In Qualifications 138 gymnasts competed

Highest score: 15,233 Rhys Mc CLENAGHAN IRL, Stephen NEDOROSCIK USA

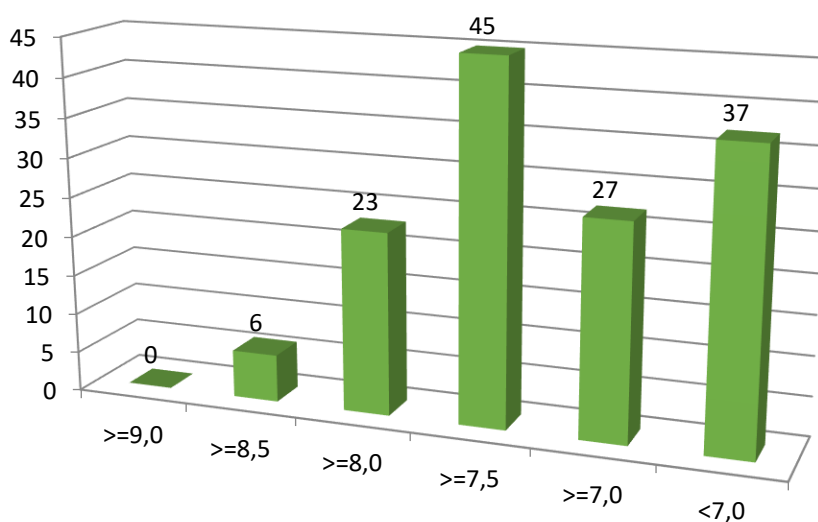
Highest D score: 6,4 Wei SUN CHN, Stephen NEDOROSCIK USA, Loran de MUNCK NED

Highest E score: 8,933 Rhys Mc CLENAGHAN IRL



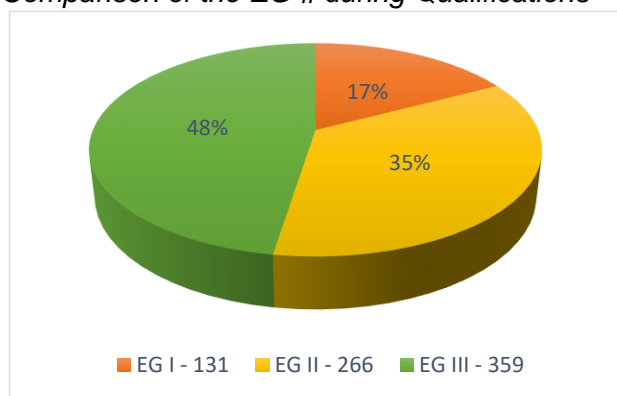


## Detailed E score

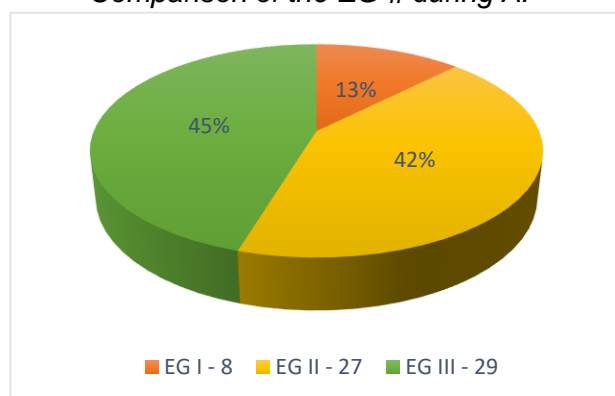


## Exercise construction.

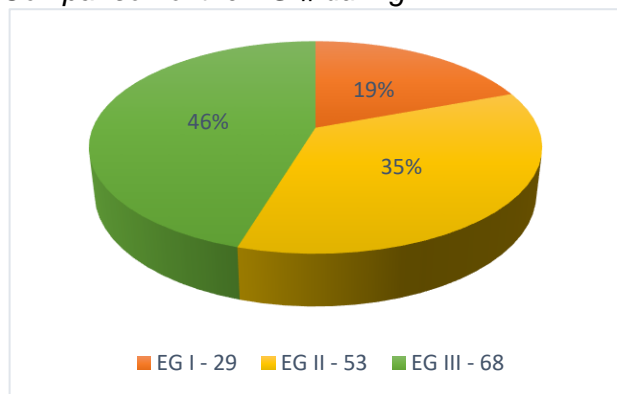
Comparison of the EG # during Qualifications



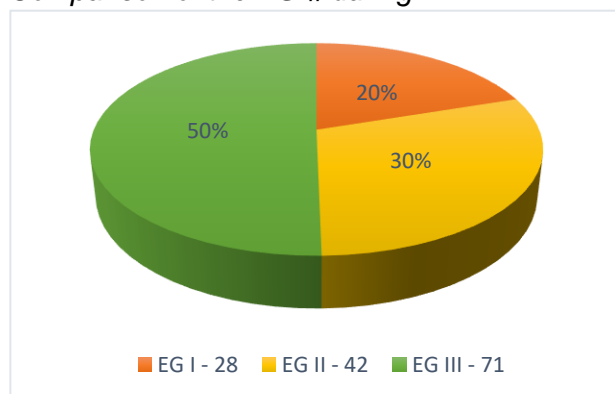
Comparison of the EG # during AF



Comparison of the EG # during AA



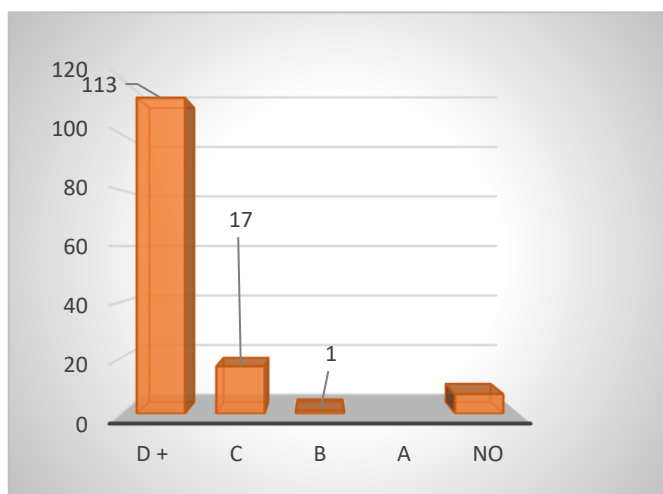
Comparison of the EG # during TF





## ***Dismount***

### ***Performed during Qualifications***



### ***Blocked scores:***

*1 time during Qualifications*

*2 times during All-Around Final*

### ***Inquiry:***

*7 times during Qualifications, 2 – accepted*

*3 times during Team Final - all rejected*

### ***Falls:***

*40 times during Qualifications.*

### ***Main goals for the development of Pommel Horse:***

*Simplification of the judging process*

*Just have one deduction per element*

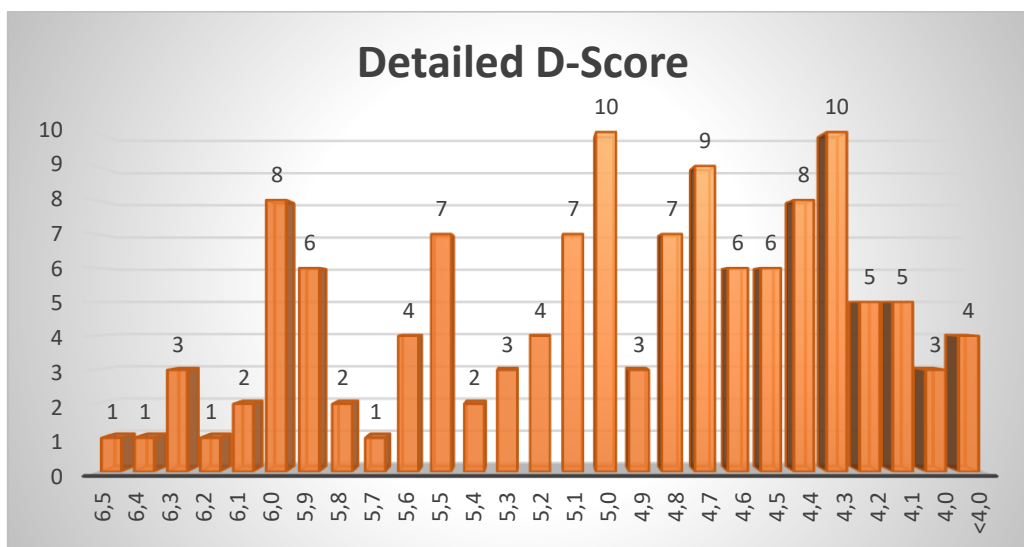
## **13. RINGS**

*In Qualifications, 128 gymnasts competed*

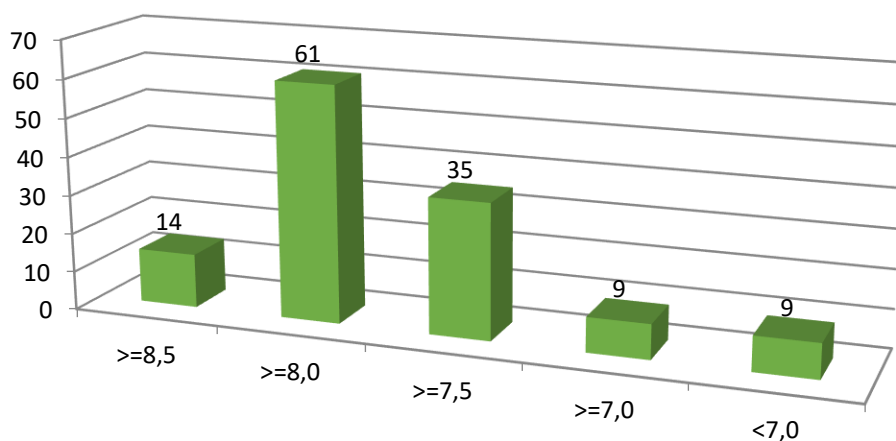
*Highest score: 14,666 Jingyuan ZOU CHN, Courtney TULLOCH GBR, Adem ASIL TUR*

*Highest D score: 6,5 Hao YOU CHN*

*Highest E score: 8,800 Gabriel BURTANETE ROU*



#### **Detailed E score**



#### **Exercise construction.**

*During Qualifications:*

*112 gymnasts performed uprise backward to handstand EG I*

*121 gymnasts performed Felge upward with straight arms to handstand EG I*

*119 gymnasts performed Yamawaki and 121 Jonasson elements EG I*

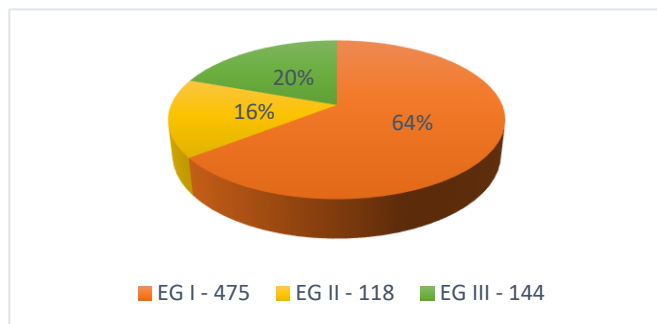
*25 gymnasts performed swallow EG II*

*43 gymnasts performed uprise backward to swallow EG III*

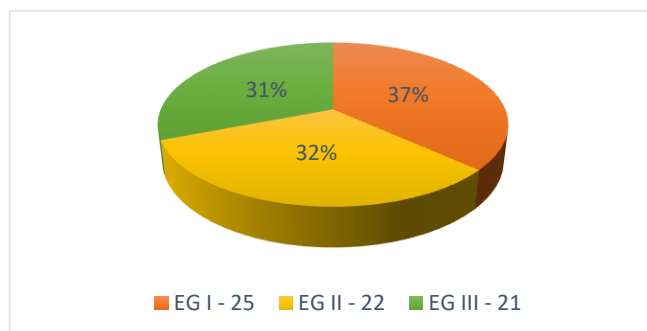
*63 gymnasts performed Double salto bwd with 2\1 EG IV*



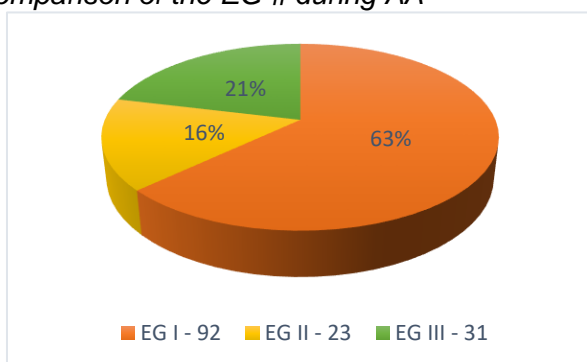
*Comparison of the EG # during Qualifications*



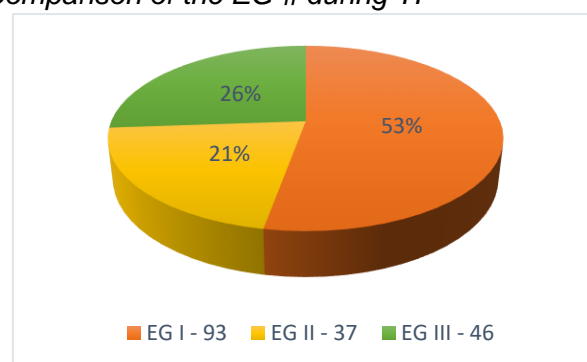
*Comparison of the EG # during AF*



*Comparison of the EG # during AA*

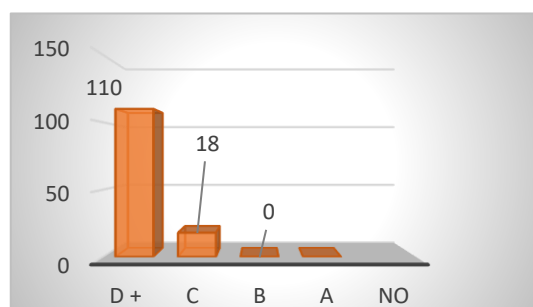


*Comparison of the EG # during TF*

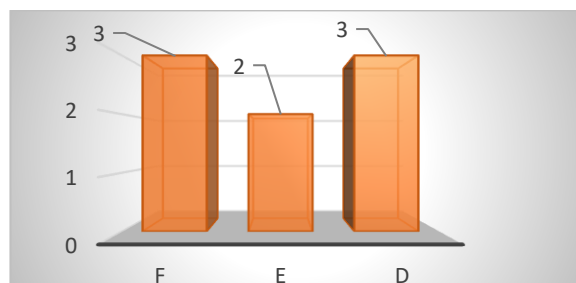


## ***Dismount:***

### ***Performed during Qualifications***



## ***Performed during the Apparatus Finals***



## ***Blocked scores:***

*1 time during All-Around Final*

*1 time during Team Final*

## ***Inquiry:***

*1 time during All-Around Final - accepted*

*1 time during Team Final - accepted*

## ***Falls:***

*11 times during Qualifications.*



## 14. VAULT

*In Qualifications to All-Around Final, 133 gymnasts competed*

*In Qualifications to Vault final, 27 gymnasts competed*

*Highest score: 14,966 Carlos Edriel YULO PHI*

*Highest D score: 6,0 Jake JARMAN GBR, Carlos Edriel YULO PHI, Asher HONG USA*

*Highest E score: 9,400 Artur DAVTYAN ARM, Nicola BARTOLINI ITA*

*New calculation method implemented*

*E judges have to input deductions based on phases of the Vault executions.*

**Vault Execution**

Clear

Total Deduction: 0.0

OK

Phase 1	Support	Phase 2	Landing
0.1	0.1	0.1	0.1
0.3	0.3	0.3	0.3
0.5	0.5	0.5	0.5
			1.0

**Vault Execution**

Clear

Total Deduction: 2.4

OK

Phase 1	Support	Phase 2	Landing
0.1	0.1	0.1	0.1
0.3	0.3	0.3	0.3
0.5	0.5	0.5	0.5
			1.0

0.7 Phase 1   0.3 Support   0.1 Phase 2   1.3 Landing

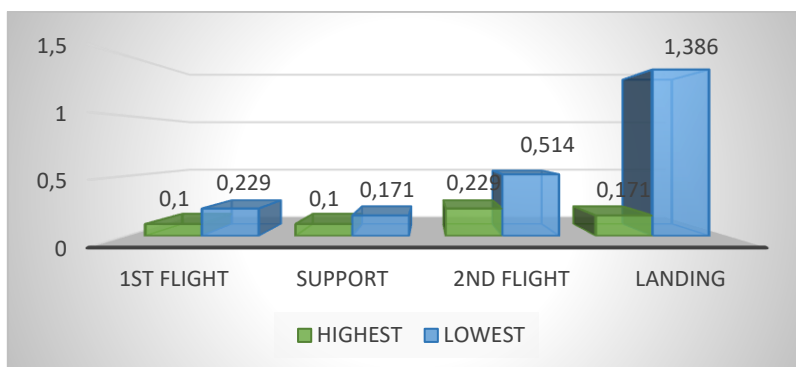
2.4 Execution Deduction

Change   Send

0.7 Phase 1   0.3 Support   0.1 Phase 2   1.3 Landing

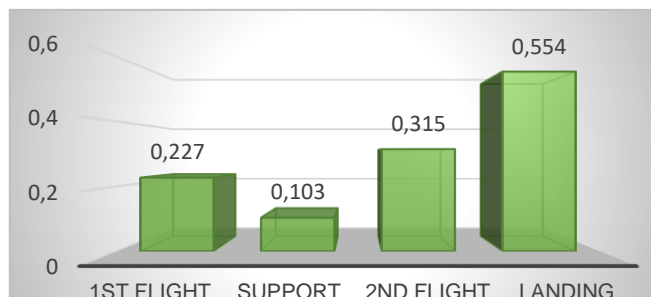
2.4 Execution Deduction

### Comparison of highest/lowest deductions by Vault phases in Qualifications

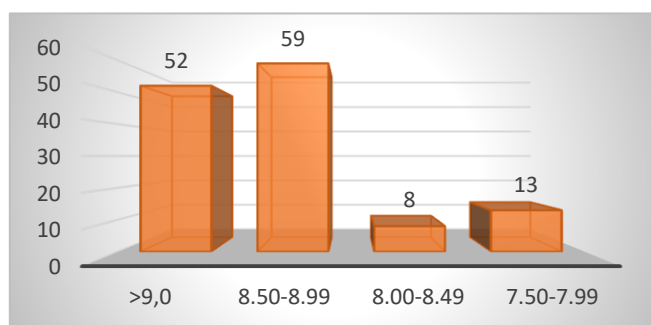




## Average deductions by Vault phases in Qualifications



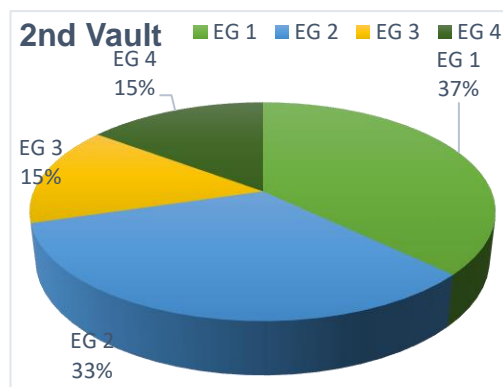
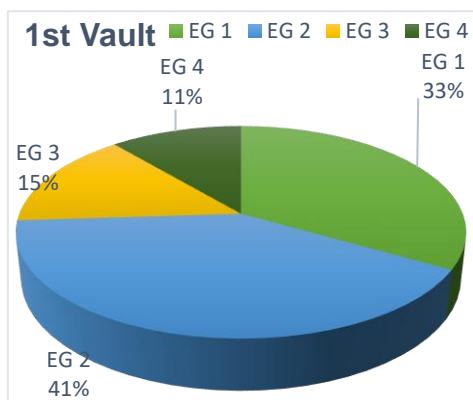
## Detailed E score



27 gymnasts performed 2 vaults from the following groups:

	1 <sup>st</sup> . Vault		2 <sup>nd</sup> Vault	
Group 1	9	33,3%	10	37,1%
Group 2	11	40,7%	9	33,3%
Group 3	4	14,8%	4	14,8%
Group 4	3	11,2%	4	14,8%

## Exercise construction.







*During Qualification one gymnast received 0,3 penalty (Art. 13.3 of MAG CoP) for “More than two vaults performed during the warm up”*

## **Line deductions in Qualifications:**

*25 times – 0,1 and 18 times – 0,3*

## **Blocked scores:**

*No blocked score during all competitions*

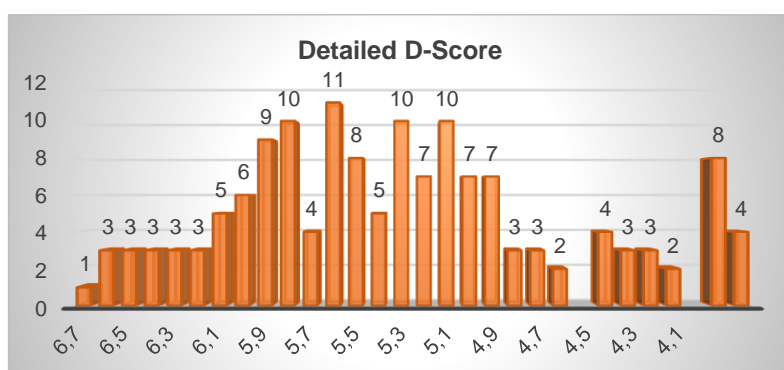
## **15. PARALLEL BARS**

*In Qualifications, 139 gymnasts competed*

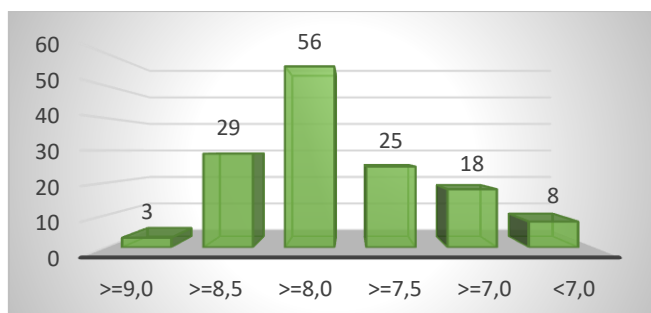
*Highest score: 15,700 Jingyuan ZOU CHN*

*Highest D score: 6,7 Jossimar Orlando CALVO MORENO COL*

*Highest E score: 9,200 Jingyuan ZOU CHN*

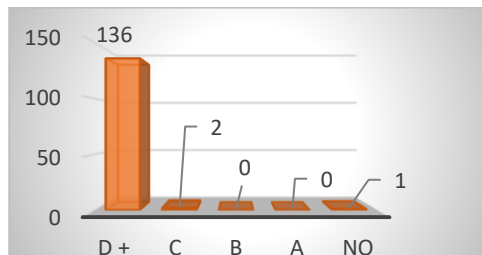


## **Detailed E score**



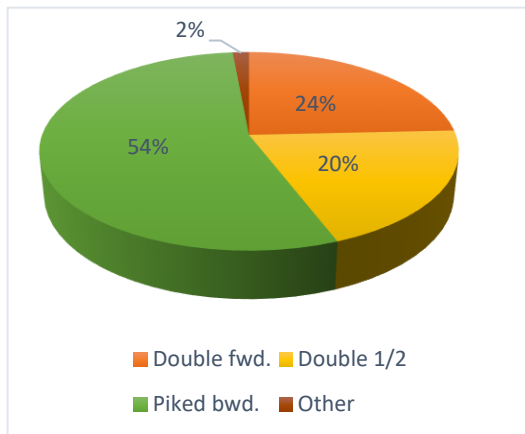
## **Dismount:**

**Performed during Qualifications**



During the Parallel Bars final Double salto forward with  $\frac{1}{2}$  turn were performed **5 times**.

76 backward and 60 forward dismounts were performed during Qualifications.



Double salto fwd. taked 33

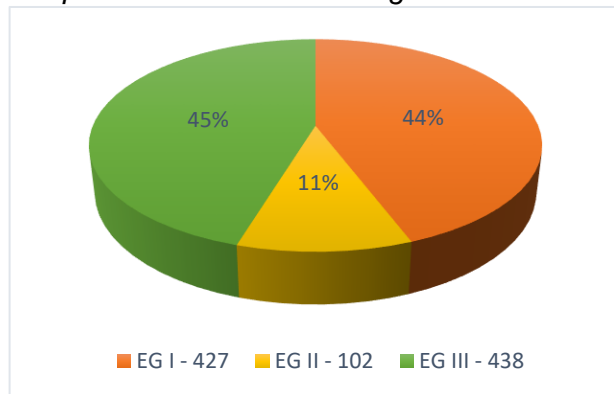
Double salto fwd. taked with  $\frac{1}{2}$  t. 27

Double piked bwd. 74

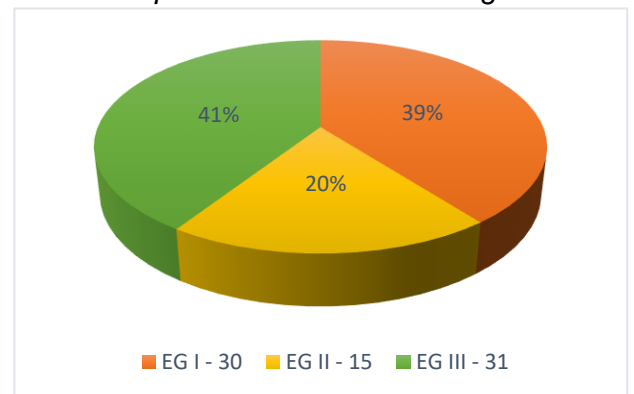
Other 2

## Exercise construction.

Comparison of the EG # during Qualifications

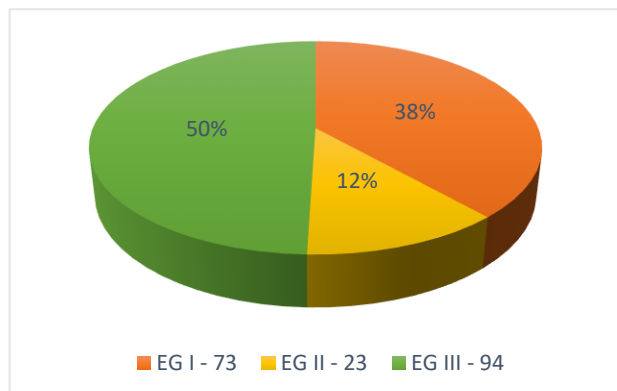


Comparison of the EG # during AF

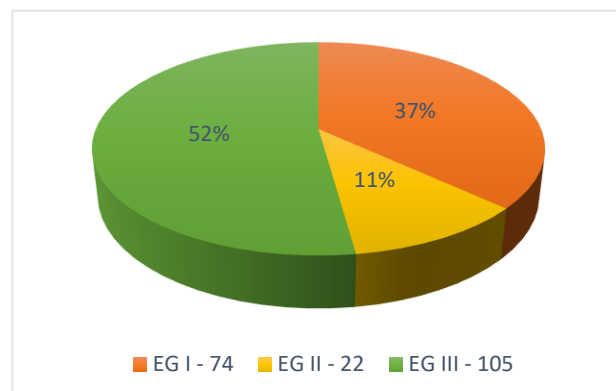




Comparison of the EG # during AA



Comparison of the EG # during TF



## **Blocked scores:**

2 times during Qualifications.

## **Inquiry:**

1 inquiry during Qualifications, was accepted.

1 time during All-Around Final – rejected.

1 time during Team Final - was accepted.

## **Falls:**

23 times during Qualifications.

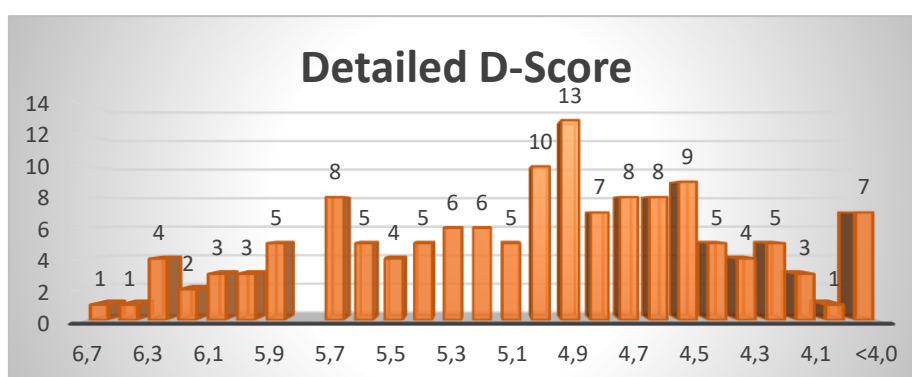
## **16. HORIZONTAL BAR**

In Qualifications, 138 gymnasts competed

Highest score: 15,100 Daiki HASHIMOTO JPN

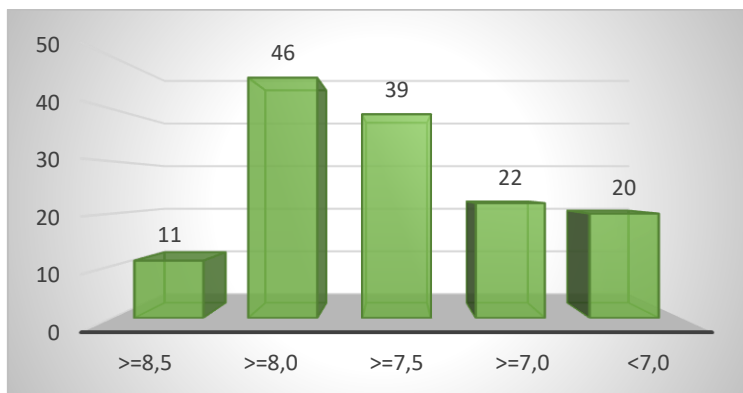
Highest D score: 6,7 Daiki HASHIMOTO JPN

Highest E score: 8,666 Rasuljon ABDURAKHIMOV UZB



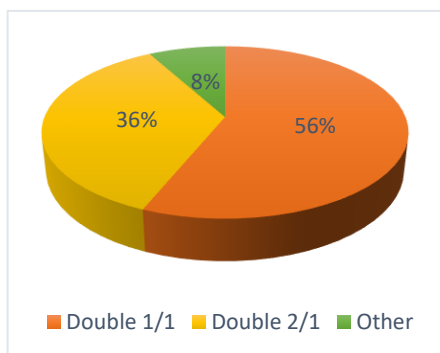


## Detailed E score



## Dismount:

### Performed during Qualifications

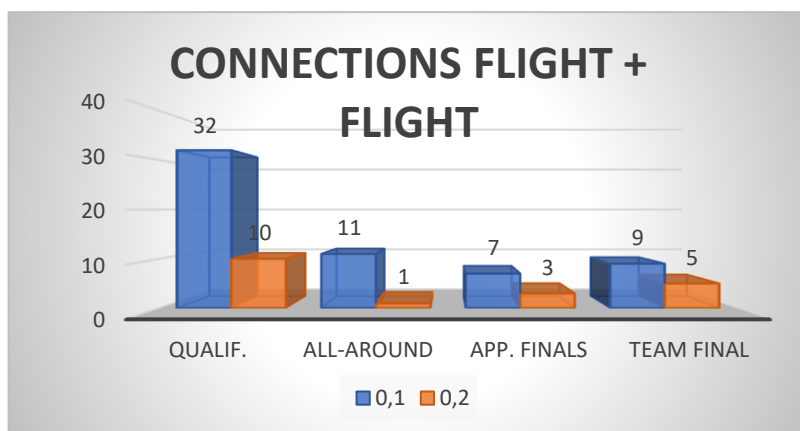


Double salto bwd straight with 1/1 turn **77**

Double salto bwd straight with 2/1 turn **49**

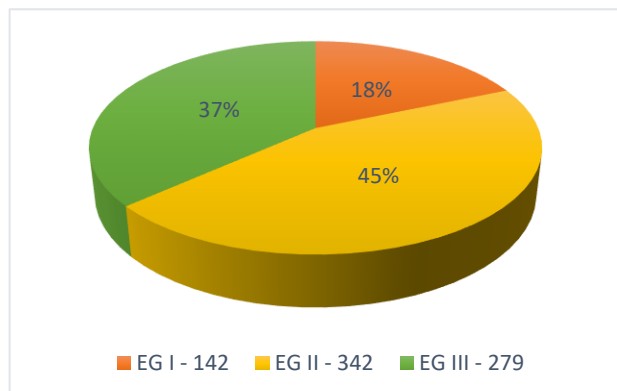
Other **11**

## Exercise construction.

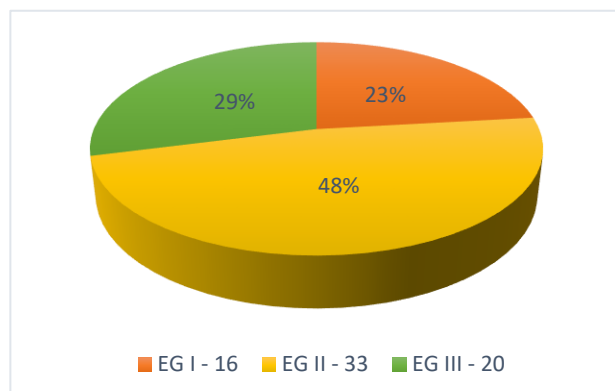




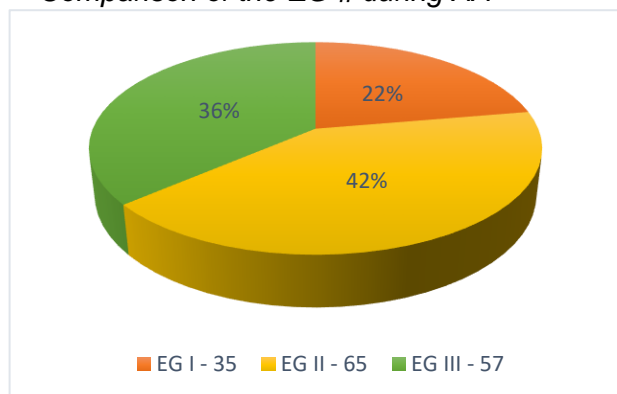
Comparison of the EG # during Qualifications



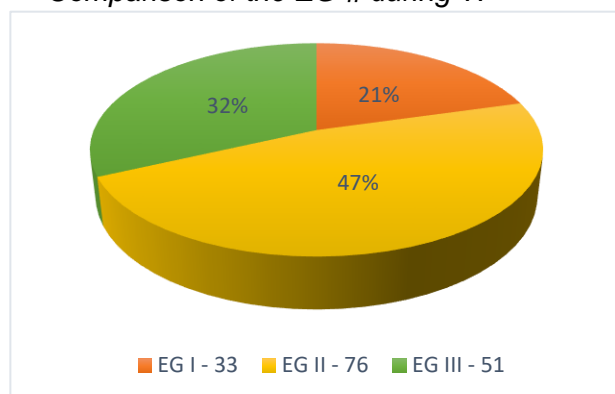
Comparison of the EG # during AF



Comparison of the EG # during AA



Comparison of the EG # during TF



During Qualifications one gymnast received 3,0 penalty (Art.6.3 of MAG CoP) for "Short exercise"

## **Blocked scores:**

1 time during Qualifications.

1 time during All-Around Final

## **Inquiry:**

1 time during Qualifications - accepted.

1 time during Team Final - accepted.

## **Falls:**

29 times during Qualifications.

## **17. JUDGING ACTIVITIES**

51 NFs were represented by 77 judges.



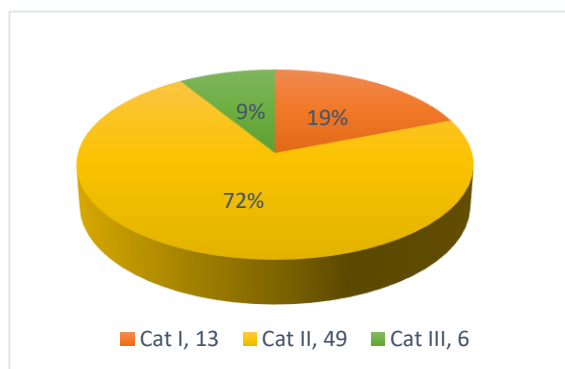
3 NFs were represented by 1 D: GEO, ISR, SRB.

9 NFs were represented by 1 D and 1 E judge: ALG, AUT, AZE, ESP, GBR, GRE, ITA, NOR, POR.

17 NFs were represented by 2 E judges: AUS, BEL, BRA, CAN, CHN, EGY, FRA, GER, HUN, JPN, KAZ, KOR, SUI, TPE, TUR, UKR, USA.

22 NFs were represented by 1 E judge: ARG, ARM, COL, CRO, CYP, FIN, HKG, IND, IRL, ISL, LAT, LTU, MAR, MEX, NED, NZL, PER, ROU, SLO, SWE, SYR, UZB.

## **Judges categories**



**Category I – 13, including 12 D**

**Category II – 57**

**Category III – 7**

An additional Superior Jury member has been appointed by the MTC. The Nomination of Mario VUKOJA CRO has been approved by the FIG EC..

The Apparatus Supervisor on PH has been replaced by a D judge. The Nomination of Raymond NANKOE NED has been approved by the FIG EC.

The MTC had to replace a D judge on PH by a Reserve D judge.

E judges draw of lots took place before each phase of the competition.

## **Judges briefing**

All relevant information were received from Members of the MTC. The judge's instructions for the D and E judges' panels were conducted separately. President of Jury of Appeal Suat CELEN TUR and member Ali AL-HITMI QAT were present for all judges' instructions and draws.

## **Podium training**

Podium Training for the competition was conducted in accordance with the Qualifications schedule and for the first time consisted of two short training sessions.



*All D judges stayed for all subdivisions in the venue during both podium training sessions. The D panels evaluated all the routines that were shown by the gymnasts during the podium training. All controversial elements were immediately discussed with the coaches.*

## **Competition**

*Generally, competition was well organized and managed by LOC. The only problem was that each of 6 subdivisions were run much faster than planned, 1h 34m average. Second was fastest – 1h 30m, instead 1h 50m. Even if gymnasts were ready to compete in unusually quick competition, it was much quicker than expected. MTC had received many complaints from gymnasts and coaches.*

*IOC President Thomas BACH was present during MAG All-Around Final for the first time. The D Panels were very consistent and used the same criteria to evaluate the performances of all gymnasts.*

*E judges work was evaluated by JEP program in all phases of the competition. MTC had conducted PCVR. Using JEP early warning report two judges were verbally warned.*

## **Round table**

*The number of participants in the Meeting was at a very good level- coaches, judges, NF's officials were present from almost 40 NFs. In the interactive meeting, there were many helpful suggestions from participants regarding the future of gymnastics. Reduction of the number of elements, from 10 to 8. To find the way of announcing D scores on other apparatus as they are on vault was suggested in order to be more understandable for the audience and the followers. There was one important suggestion of using the social media more actively in order for the gymnastics discipline to become more popular. There were good discussions about the live judging possibilities.*

## **18. CONCLUSION**

*It was a great pleasure to work with the LOC and the FIG Staff to organize such a successful and important World Championships!*

*I warmly thank MTC members, SJ members for their professional work as a team, all D and E judges for their confidence and professionalism.*

*Respectfully submitted,*

A handwritten signature in black ink, appearing to read 'Arturs MICKEVICS', is positioned above the printed name.

**Arturs MICKEVICS,**  
**President FIG/MTC**