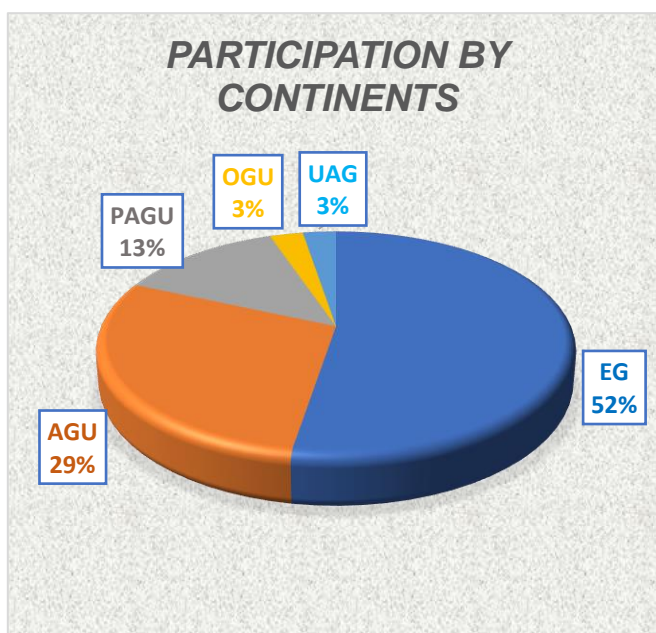# FÉDÉRATION INTERNATIONALE DE GYMNASTIQUE

2024 Olympic Games – Paris (FRA)
Men's Technical Committee Report
By Mr. Arturs MICKEVICS, President of the Men's Technical Committee

1. PARTICIPATION IN INDIVIDUAL QUALIFICATIONS

38 National Olympic Committees (NOC) participated ↓

(Arrow ↑↓ shows numbers compering with 2020 Tokyo Olympic games)

PARTICIPATION BY CONTINENTS

Continental union	NOC #	%
EG	**20 ↓ 24**	**52,63**
AGU	**11 ↑ 10**	**28,95**
PAGU	**5 =**	**13,16**
OGU	**1 ↓ 2**	**2,63**
UAG	**1 ↓ 2**	**2,63**
	38 ↓ 43	

From 38 NOC participated

12 competed as a Team

3 competed with 3 gymnasts.

4 competed with 2 gymnasts

19 competed with 1 gymnast

Affiliated federations	Participated NOC #	%
EG 51 =	**20 ↓ (24)**	**39,2 ↓ 47,0**
AGU 38 ↑ 35	**11 ↑ (10)**	**28,94 ↑ 28,6**
PAGU 31 ↑ 30	**5 =**	**16,12 = 16,7**
OGU 8 =	**1 ↓ (2)**	**12,5 ↓ 25,0**
UAG 32 ↑ 21	**1 ↓ (2)**	**3,13 ↓ 9,5**

2. TOTAL 96 GYMNASTS PARTICIPATED
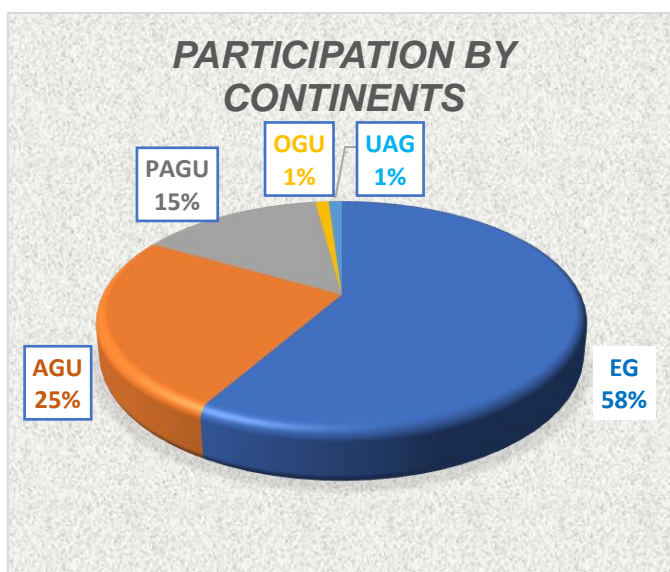
GYMNASTS PER EVENT:
Floor – 63↓68
Pommel Horse – 64 ↓74
Rings – 62 ↓72
Vault – 18 (65) ↓21 (71)
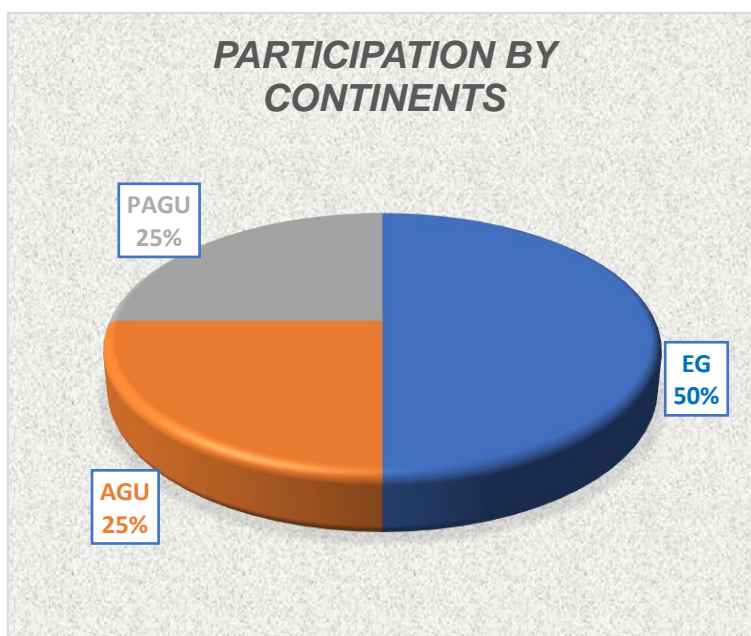*Parallel Bars – 65 ↓70*
High Bar – 67 ↓71

Continental union	Number of participants	%
EG	56 ↑53	58,33
AGU	24 ↓28	25,00
PAGU	14 ↑13	14,58
OGU	1 ↓2	1,04
UAG	1 ↓2	1,04
	96	

3. PARTICIPATION IN TEAM FINAL

Continental union	№ of teams	%
EG	4 ↓5	50,0
AGU	2 =	25,0
PAGU	2 ↑1	25,0
OGU	0	0
UAG	0	0
	8	

FÉDÉRATION INTERNATIONALE DE GYMNASTIQUE

4. COMPARISON CONTINENTS BY PLACES IN THE TEAM FINAL

CONTINENTS BY PLACES

	EG	AGU	PAGU
1		JPN	
2		CHN	
3			USA
4	GBR		
5	UKR		
6	ITA		
7	SUI		
8			CAN
$\overline{X}$	5,5	1,5	5,5

5. PARTICIPATION IN ALL-AROUND QUALIFICATIONS

44 athletes participated in All-Around Qualifications ↓

PARTICIPATION BY CONTINENTS

Continental union	№ of the gymn.	%
EG	26 ↓ 32	59,1 ↑ 52,0
AGU	9 ↓ 18	20,5 ↓ 29,0
PAGU	7 ↓ 9	15,9 ↑ 14,0
OGU	1 =	2,27 = 2,0
UAG	1 ↓ 2	2,27 ↓ 3,0
	44 ↓ 62	

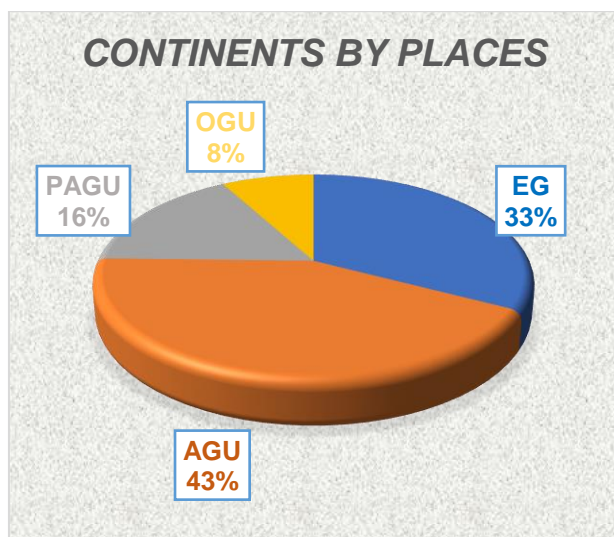## 6. PARTICIPATION IN ALL-AROUND FINAL

9 NOC competed with 2 gymnasts: CAN, JPN, CHN, GBR, NED, ITA, SUI, UKR, USA
6 NOC competed with 1 gymnast: AUS, BRA, HUN, GER, KAZ, PHI,

Total NOC – 15 ↑ 13

Continental union	№ of the gymn.	%
EG	*12 =*	*50,0*
AGU	*6 ↓ 8*	*25,0 ↓ 33,3*
PAGU	*5 ↑ 4*	*20,8 ↑ 16,7*
OGU	*1 ↑ 0*	*4,2 ↑ 0*
UAG	*0*	*0*
	24	

7. COMPARISON CONTINENTS BY PLACES IN ALL-ARROUND FINAL

	EG	*AGU*	*PAGU*	*OGU*
1		*JPN*		
2		*CHN*		
3		*CHN*		
4	*UKR*			
5	*GBR*			
6		*JPN*		
7	*GBR*			
8	*UKR*			
9	*HUN*			
10	*SUI*			
11	*ITA*			
12		*PHI*		
13-24	*5 NOC*	*1 NOC*	*5 NOC*	*1 NOC*
$\overline{X}$	*11,8*	*8*	*17,8*	*21*

8. PARTICIPATION IN APPARATUS FINALS

3 NOC competed in 4 Finals: CHN, GBR, UKR
1 NOC competed in 3 Finals: JPN
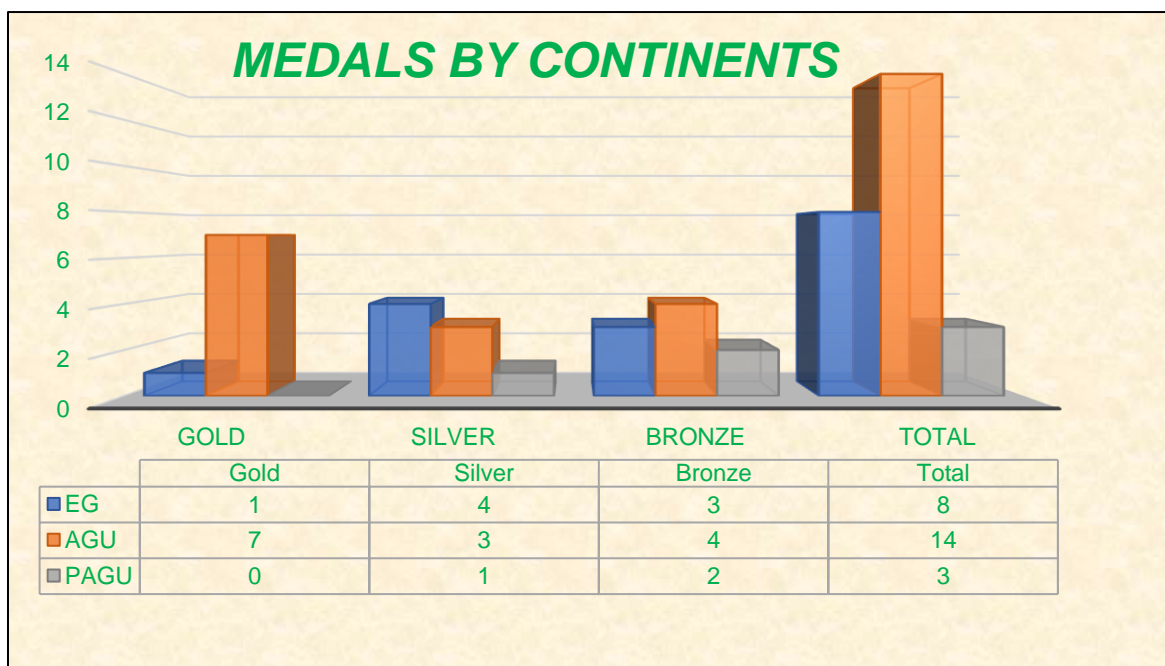*5 NOC competed in 2 Finals: ARM, CRO, KAZ, PHI, TUR*
13 NOC comp. in 1 Final: BEL, COL, CYP, GER, GRE, ESP, FRA, IRL, ISR, KOR, NED, TPE, USA

Total NOC – 22 =

9. MEDAL DISTRIBUTION BY PARTICIPATING NOC

NOC	Gold	Silver	Bronze	Total
JPN	3		1	4
CHN	2	3	2	7
PHI	2			2
IRL	1			1
ARM		1		1
COL		1		1
ISR		1		1
KAZ		1		1
UKR		1		1
GBR			2	2
USA			2	2
GRE			1	1
TPE			1	1

10. MEDAL DISTRIBUTION BY CONTINENTS

	Gold	Silver	Bronze	Total
EG	1	4	3	8
AGU	7	3	4	14
PAGU	0	1	2	3

FÉDÉRATION INTERNATIONALE DE GYMNASTIQUE

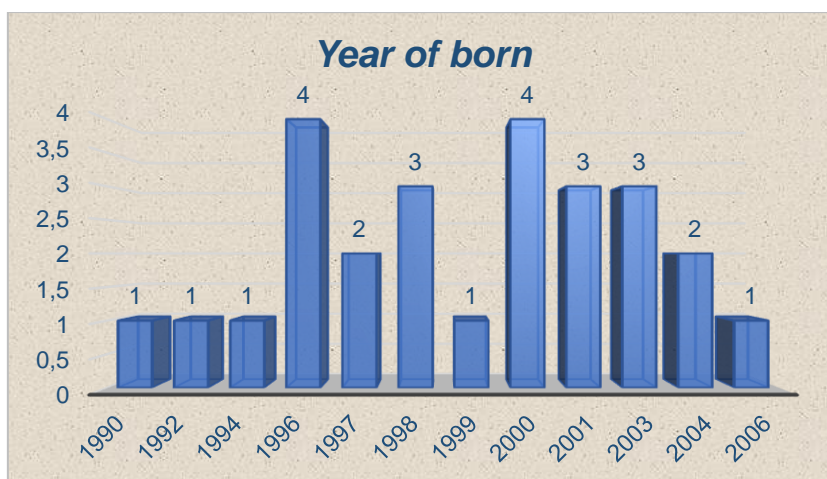## 11. AGE OF THE GYMNASTS

Total 96 gymnasts participated

Youngest – Angel BARAJAS COL 17,9 y.o.
Oldest – Vahagn DAVTYAN ARM 35,9 y.o.

Year of born	№ of the gymn.	%
1988	1	1,04
1989	1	1,04
1990	2	2,08
1991	1	1,04
1992	2	2,08
1993	8	8,33
1994	2	2,08
1995	7	7,29
1996	11	11,46
1997	6	6,25
1998	7	7,29
1999	9	9,38
2000	10	10,42
2001	6	6,25
2002	10	10,42
2003	7	7,29
2004	3	3,13
2005	2	2,08
2006	1	1,04

Total of 26 gymnasts won medals

Year of born	№ of the gymn.	%
1990	1	3,85
1992	1	3,85
1994	1	3,85
1996	4	15,38
1997	2	7,69
1998	3	11,54
1999	1	3,85
2000	4	15,38
2001	3	11,54
2003	3	11,54
2004	2	7,69
2006	1	3,85

Youngest – Angel BARAJAS COL 17,9 y.o.
Oldest – Eleftherios PETROUNIAS GRE 33,7 y.o.
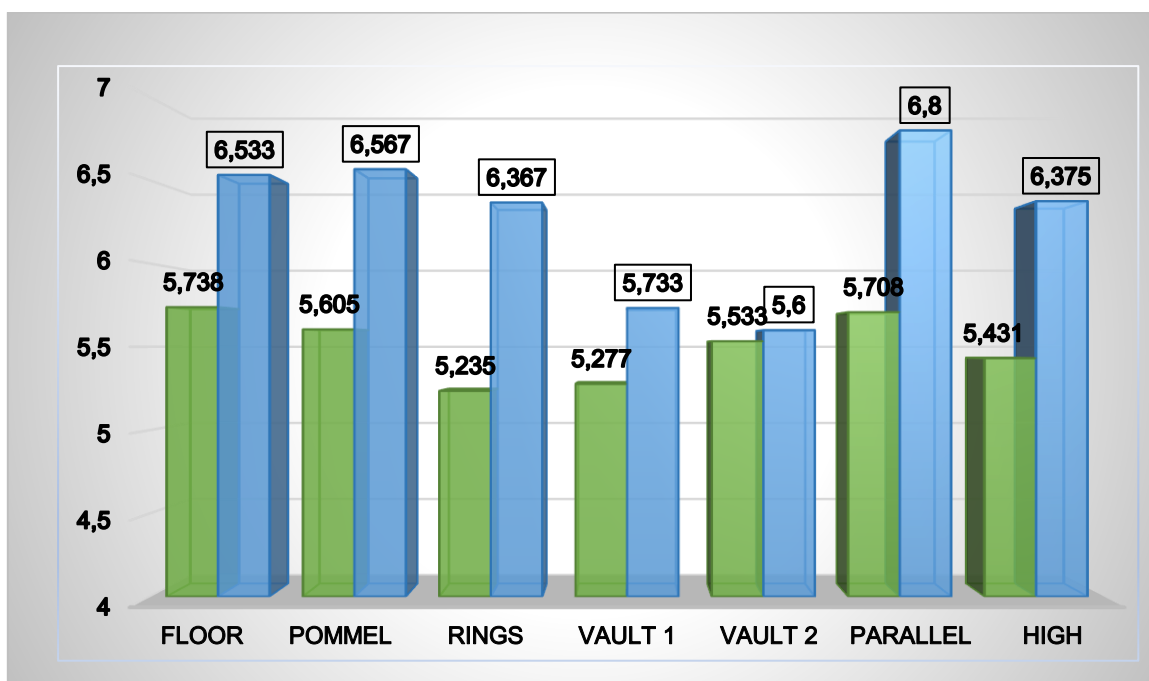
6

12. LEVEL OF PERFORMANCE

Comparison of average final score in Qualifications
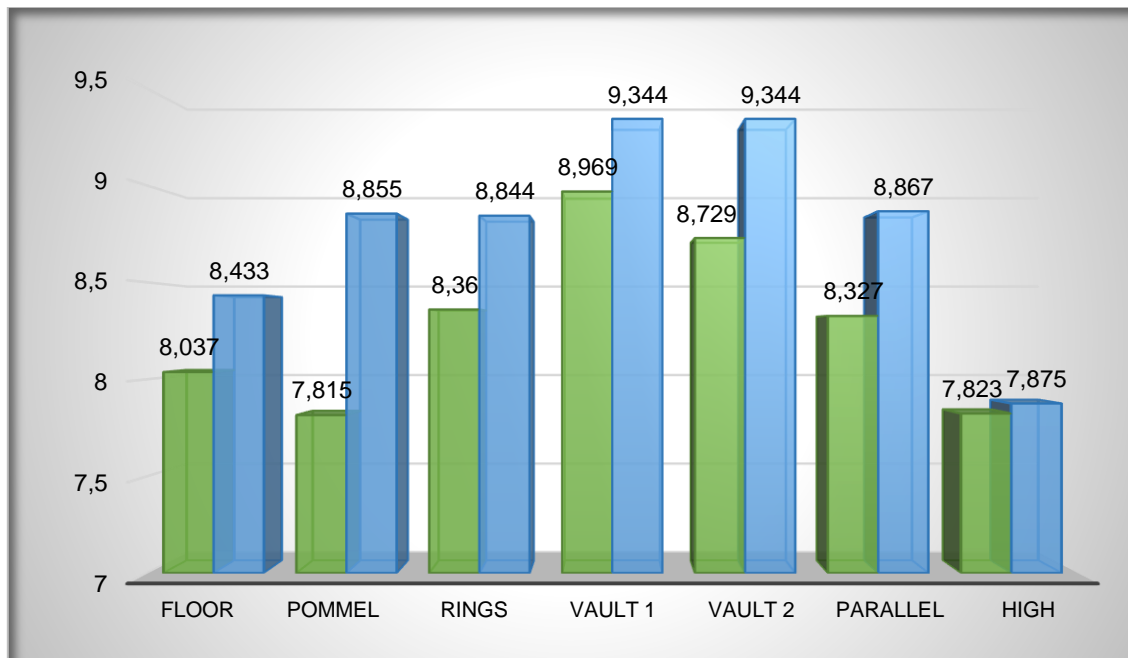

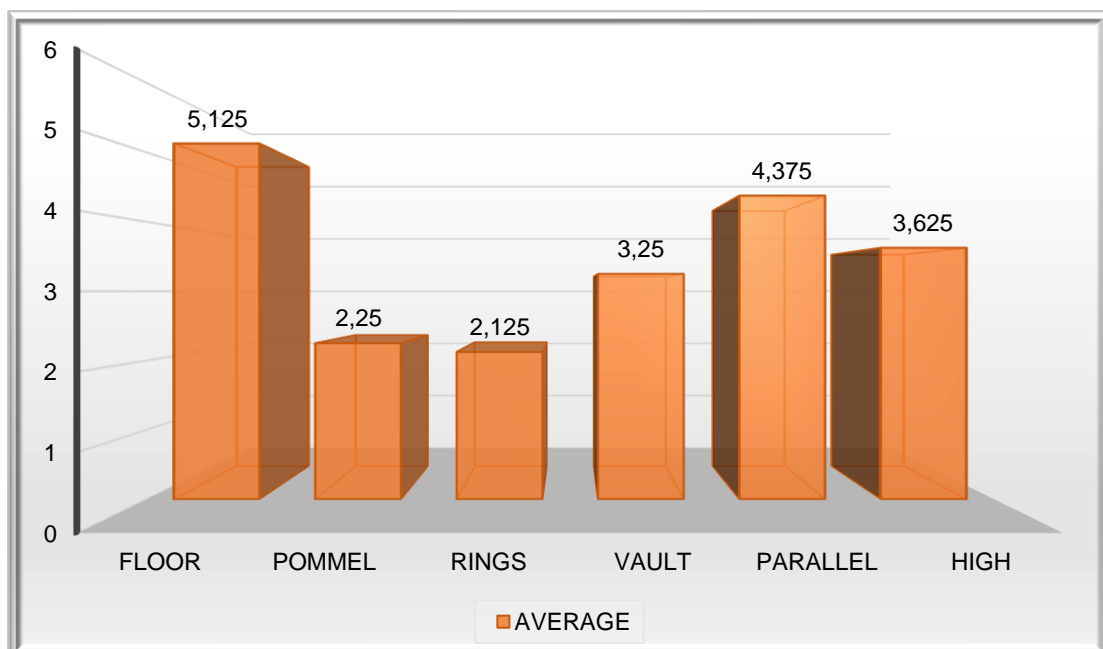*Comparison of average D score in Qualifications & Apparatus medalists'*

Comparison of average E score in Qualifications & Apparatus medalists'

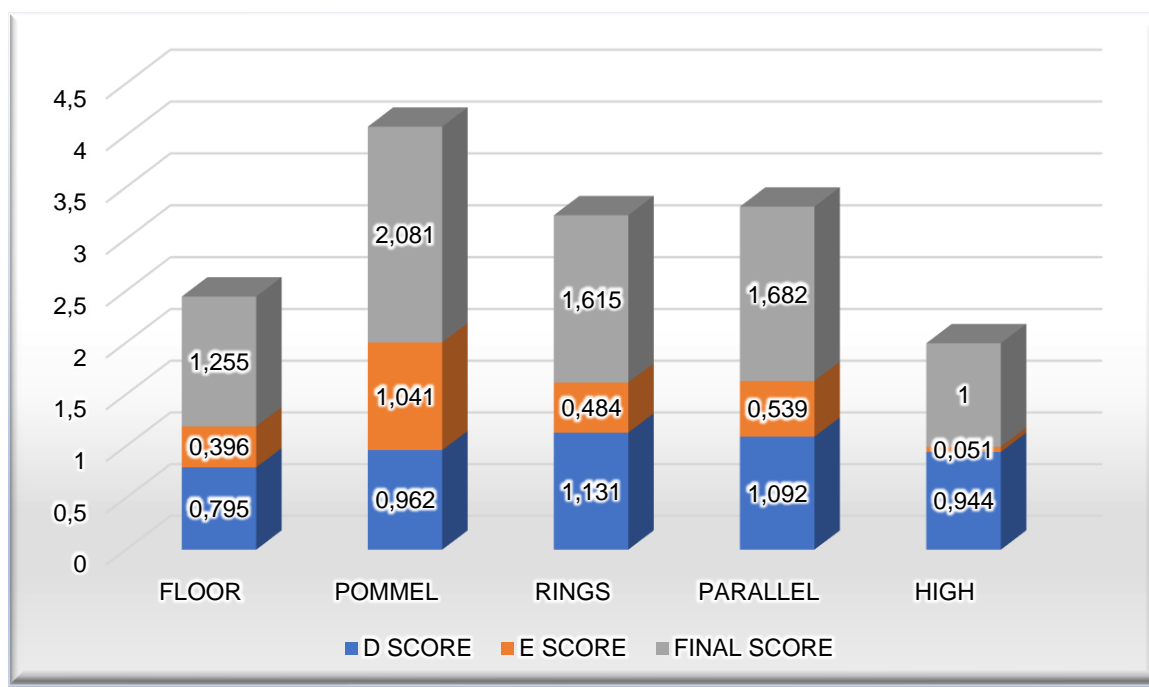*Top 8 gymnasts' average N of apparatuses performed during Qualifications.*

*Analyzing average number of apparatuses performed by top 8 gymnasts helps us clarify the "**indicator of specialty**" of a given apparatus, the level of its "remoteness" from All-Around gymnastics. As we can see, Rings has the lowest number of performed apparatuses by top 8 gymnasts with an average 2.125 and no-one among all finalists performed 6 apparatuses during the Qualifications.*

The second most specialised apparatus is the Pommel Horse with an average of 2.250 performed apparatuses. Pommel Horse had only 1 All-Arounder among its finalists. The other apparatuses are to be considered with moderate to low indicator of specialty having an average in the range of 3-5 apparatuses. Floor has the highest number of performed apparatuses with an average of 5.125, the majority of finalists (6) performed all six apparatuses in the Qualifications.
Compared to the last year's world championships in Antwerp, gymnasts on average performed less apparatuses, with a possible reason of not having to compete All-Around to qualify for the future competitions.

Difference between medalists & Qualifications average scores

In given statistics High Bar column can be partially overlooked because of an extraordinary and unique Apparatus Final, which saw 6 gymnasts (out of 8) to fall, including 2 Olympic bronze medalists!
Putting High Bar aside, floor is the apparatus with lowest difference in all three scores between medalists and an average gymnast. That puts floor to be the piece of apparatus that gymnasts on average perform well, thus ensuring denser contest for the Final and higher diversity of athletes showing good results and winning medals. An average gymnast should increase E score for just 0.396 and D score for 0,795 in order to be in the medals.

Pommel horse column is noticeably taller compared to others. Pommel horse is the apparatuses with most severe separation between medalists and an average gymnast, those have much narrower group of gymnasts contesting for the medals. All three Olympic pommel horse medalists are specialists on this apparatus and performed only one apparatus during the whole competitions.

Pommel horse has the highest final score detachment, both D and E scores need to be way higher (average of 1 full mark) than that of an average gymnast in order to get a medal. Especially E score's detachment is remarkably high, the largest E score detachment among all apparatuses of 1.041. All in all, the final score should be improved by more than 2.0 marks!

Rings and Parallel Bars share a similar story, though in a more moderate scale, the final score should be improved by 1.6, primarily due to the difference in D score, thus meaning that an average gymnast performs these apparatuses relatively clean, though in order to be in the medals D score should be improved way higher.

Statistics clearly shows that there is no apparatus where only one of the scores should be improved in order to content for the medals. Both E and D scores differ considerably from an average performance on <u>all</u> apparatuses. The detachment of 0.051 of E score on High Bar, as mentioned above, is an extraordinary exception, but still holds the truth. For reference, on all examined apparatuses the difference of D score is higher than of E score, with the exception of Pommel horse, where medalists have remarkably greater E score, which highlights their technical proficiency above an average gymnast.

The level of performance and average scores on all apparatuses are in general higher compared to the last year's world championships in Antwerp, which emphasizes the highest importance and mastery level at the Olympics.
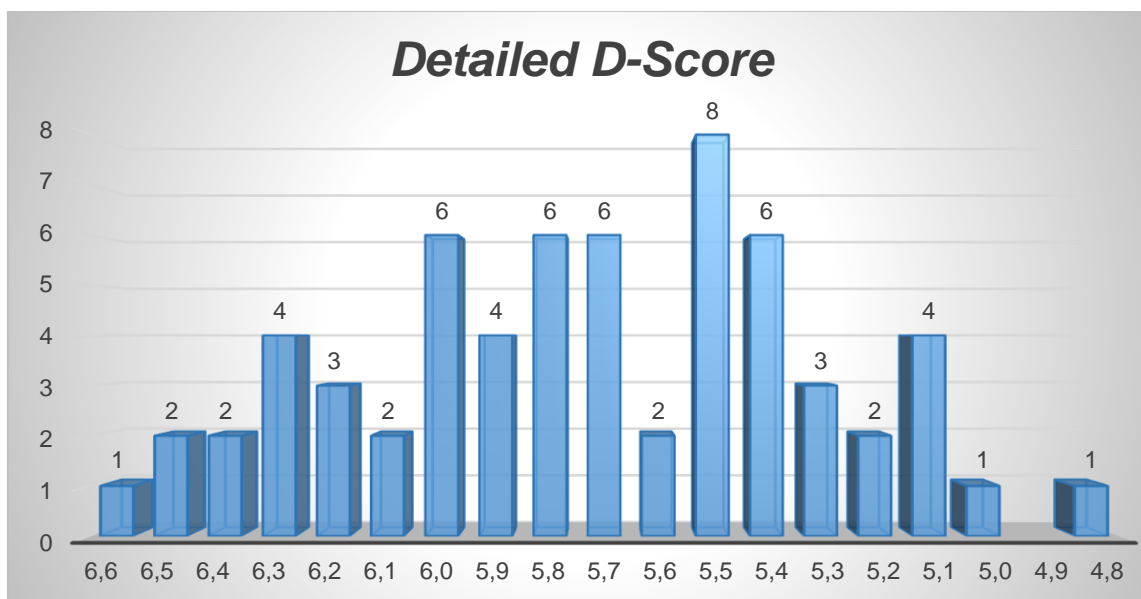
13. FLOOR

In Qualifications 63 gymnasts competed
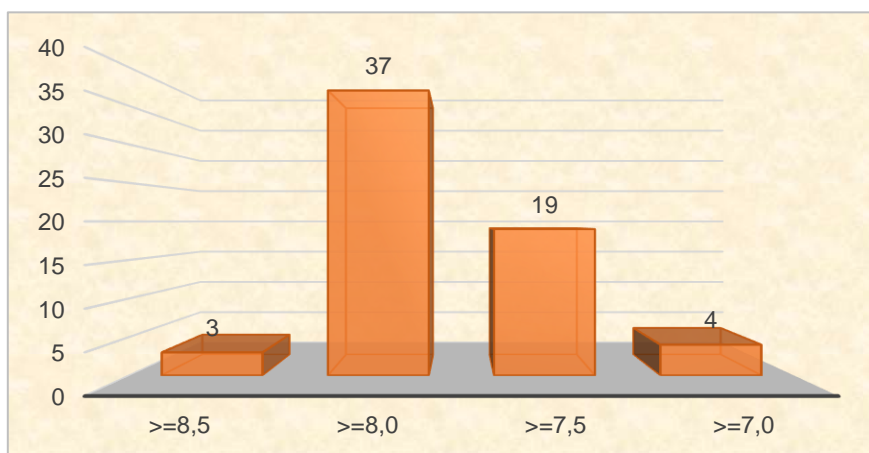
Highest score: 14,966 Jake JARMAN GBR

Highest D score: 6,6 Sunghyun RYU KOR, Jake JARMAN GBR
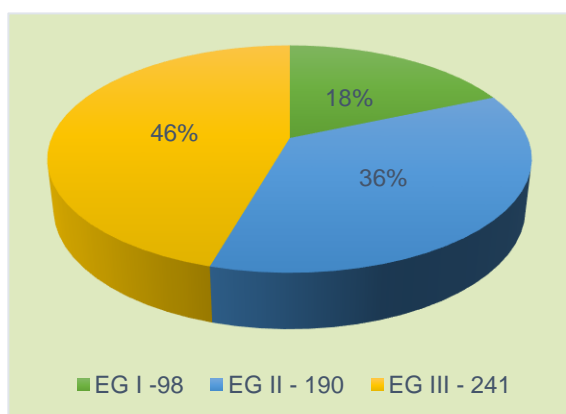
Highest E score: 8,600 Matteo GIUBELLINI SUI

Detailed E score

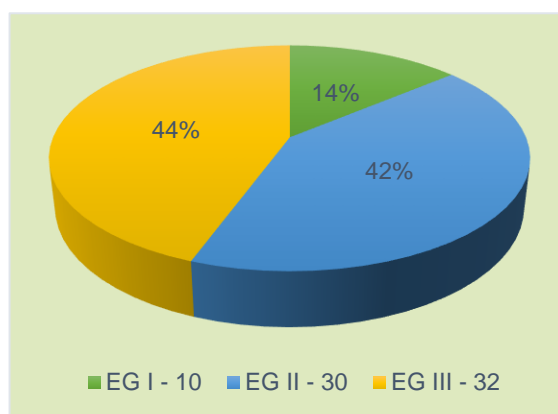### Exercise construction.

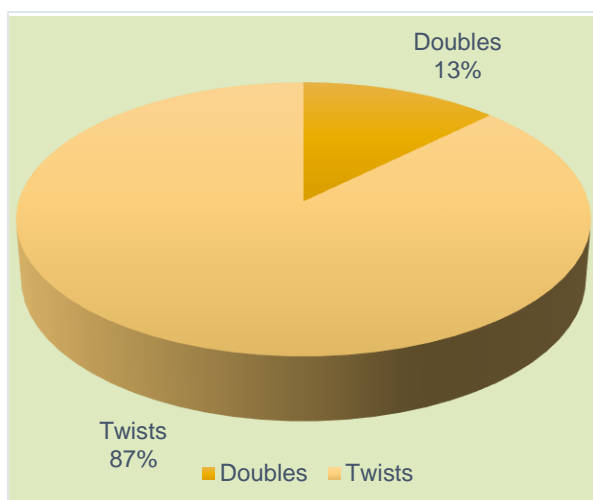Comparison of the EG # during Qualifications

Comparison of the EG # during AF

Dismount.

Performed during Qualifications
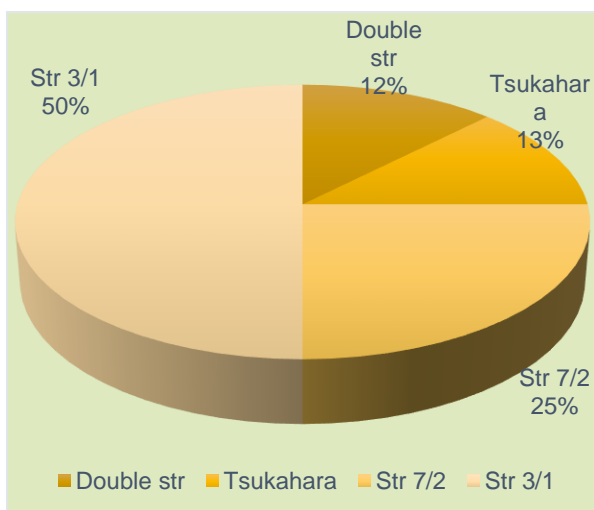

Single saltos with twists – 55 including:

Salto bwd straight with 7/2 – 3
Salto bwd straight with 3/1 – 42
Salto bwd straight with 5/2 – 7
Salto bwd straight with 2/1 – 1
Salto fwd straight with 2/1 – 2

Double saltos –8 including:

Double salto bwd straigght – 1
Double salto bwd with 1/1 – 7

Performed during Final

Salto bwd straight with 7/2 – 2
Salto bwd straight with 3/1 – 4

Double salto bwd straigght – 1
Double salto bwd with 1/1 – 7

Connections

During Qualifications, 76 times gymnasts performed a connection of 0.1,

Connection of 0.2 was performed 14 times.

Stick landing:

10 times during Qualifications – 15,9 %

7 times during Team Final – 29,2%

4 times during All-Around Final – 16,7 %

1 time during Apparatus Final – 12,5 %

Blocking of the score:

1 time during Team Final.

1 time during Apparatus Final.

Inquiry:

1 time during Qualifications – accepted.

Falls:

3 times during Qualifications.

Line deductions (only during Qualifications):

0,1 – 16 times.

0,3 – 6 times.

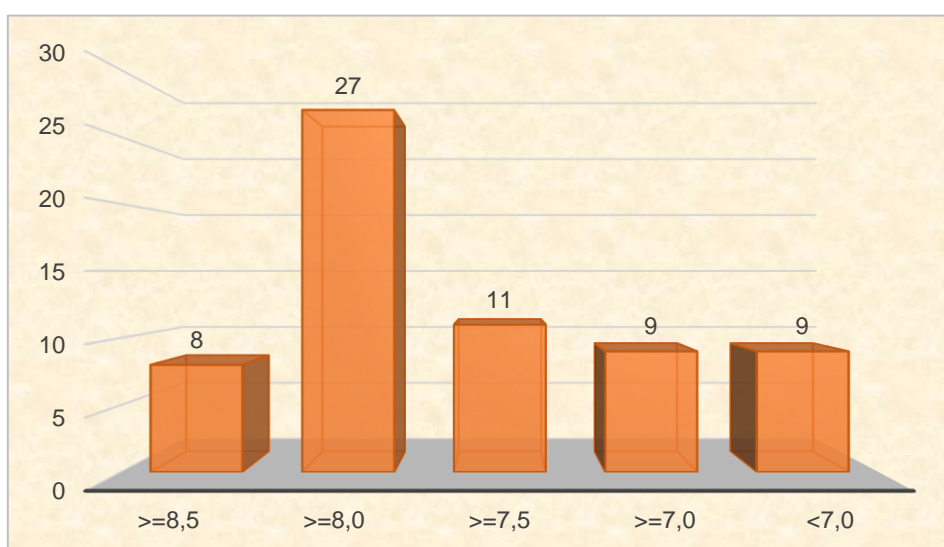### 14. POMMEL HORSE

In Qualifications 64 gymnasts competed

Highest score: 15,200 Rhys Mc CLENAGHAN IRL

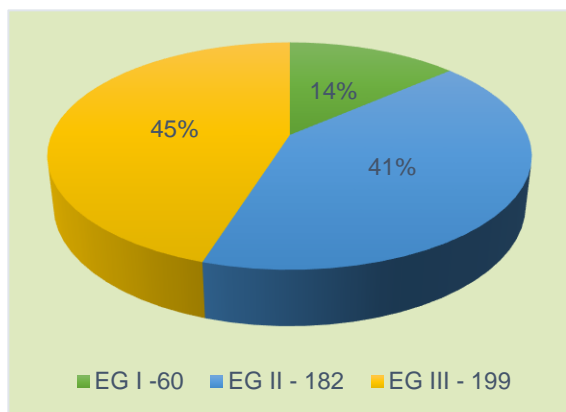*Highest D score: 6,7 Woong HUG KOR*

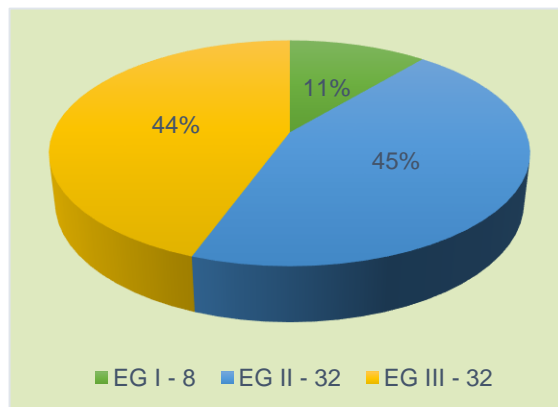*Highest E score: 8,966 Weide SU CHN*

Detailed D-Score

Detailed E score

Exercise construction.
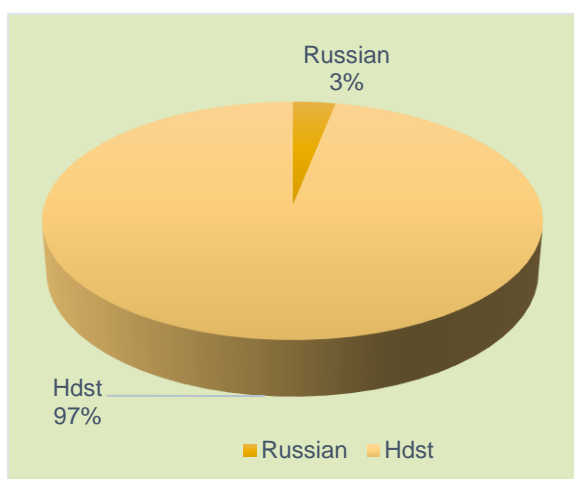
Comparison of the EG # during Qualifications   *Comparison of the EG # during AF*

Dismount

Performed during Qualifications

Handstands dismounts – 62

Russian wendeswing to dismount –2

All dismounts were performed to handstand during the Apparatus Final

During Qualifications one gymnast received 5,0 penalties (Art.6.3 of MAG CoP) for "Short exercise"

Blocking of the score:

No blocking of score during all phases

Inquiry:

2 time during Qualifications – both rejected

Falls:

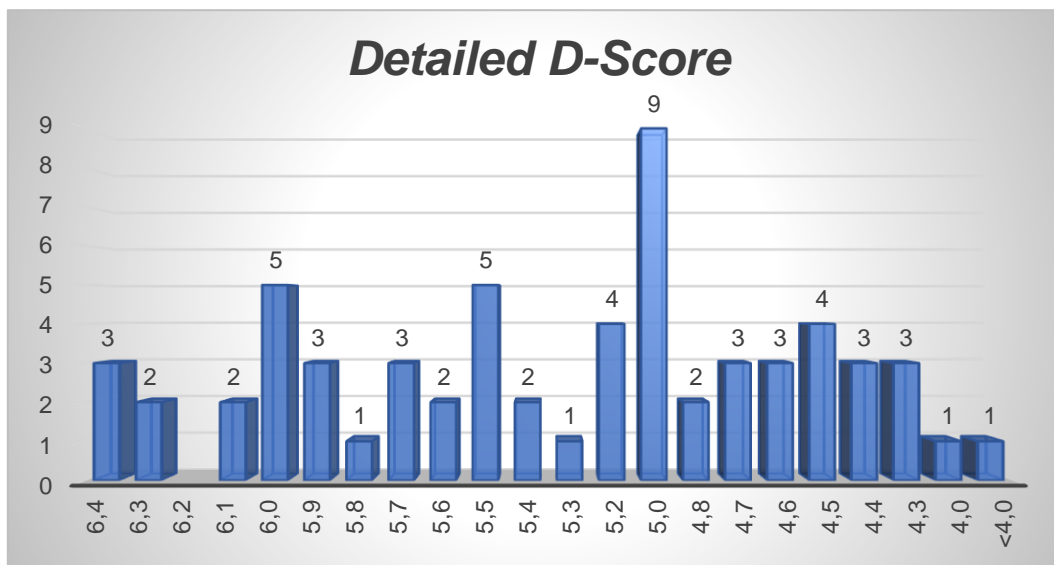*15 times during Qualifications.*

15. RINGS

In Qualifications, 62 gymnasts competed

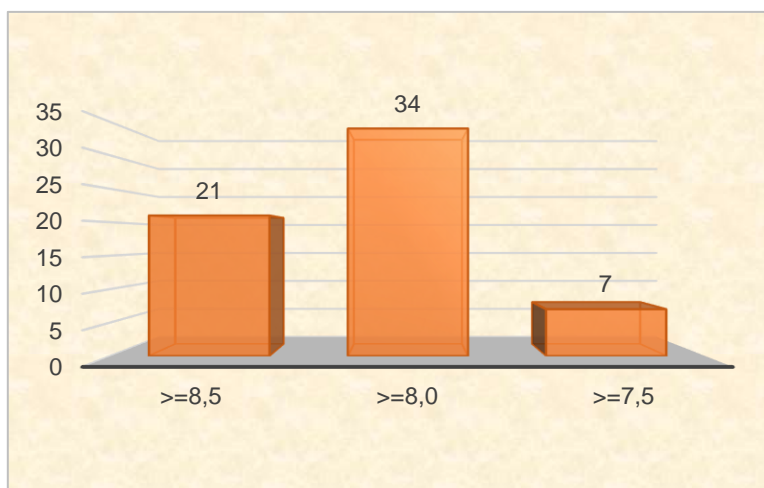*Highest score: 15,300 Jingyuan ZOU CHN*

Highest D score: 6,4 Yang LIU CHN, Jingyuan ZOU CHN, Adem ASIL TUR

Highest E score: 8,900 Jingyuan ZOU CHN

Detailed D-Score

Score	Count
6,4	3
6,3	2
6,2	
6,1	2
6,0	5
5,9	3
5,8	1
5,7	3
5,6	2
5,5	5
5,4	2
5,3	1
5,2	4
5,0	9
4,8	2
4,7	3
4,6	3
4,5	4
4,4	3
4,3	3
4,0	1
<4,0	1

Detailed E score

Range	Count
>=8,5	21
>=8,0	34
>=7,5	7

Exercise construction.

During Qualifications:

59 *gymnasts (95,2%) performed uprise backward to handstand EG I*

56 *gymnasts (90,3%) performed Swing fwd with straight arms to handstand EG I*

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57 gymnasts (91,9%) performed Yamawaki and 58 (93,5%) Jonasson elements EG I

25 gymnasts (40,3%) performed uprise backward to swallow EG III

45 gymnasts (72,6%) performed Double salto bwd with 2/1 EG IV

During Apparatus Final:

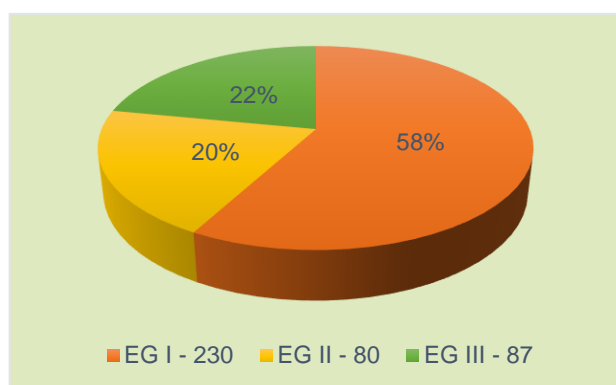*8 gymnasts (100,0%) performed uprise backward to handstand EG I*

6 gymnasts (75,0%) performed Yamawaki elements EG I
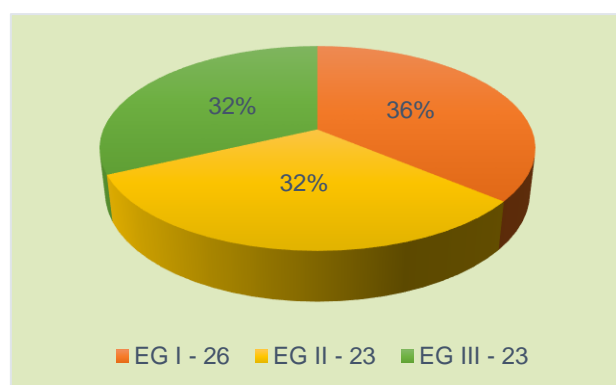
8 gymnasts (100,0%) performed Jonasson elements EG I

7 gymnasts (87,5%) performed uprise backward to swallow EG III

5 gymnasts (62,5%) performed Double salto bwd with 2/1 EG IV

Comparison of the EG # during Qualifications   *Comparison of the EG # during AF*

Qualifications pie chart: 58%, 22%, 20% — EG I - 230, EG II - 80, EG III - 87

AF pie chart: 36%, 32%, 32% — EG I - 26, EG II - 23, EG III - 23

Stick landing:

14 times during Qualifications – 22,6 %

7 times during Team Final – 29,2%

2 times during All-Around Final – 8,3 %

3 times during Apparatus Final – 37,5 %

Blocking of the score:

1 time during Qualifications.

Inquiry:

2 times during All-Around Final, 1 was rejected, another accepted.

Falls:

1 time during Qualifications.

16. VAULT

In Qualifications to All-Around and Team Final, 65 gymnasts competed
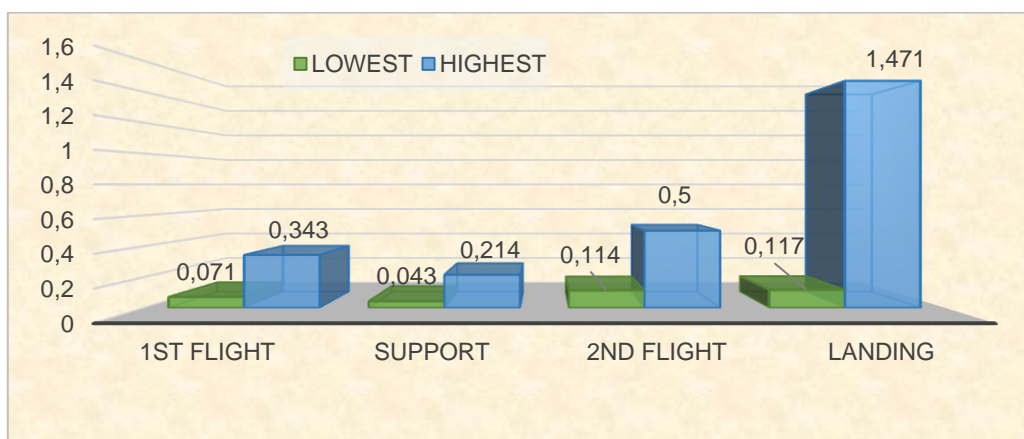*In Qualifications to Vault Final, 18 gymnasts competed*

Highest score: 15,266 Adem ASIL TUR

Highest D score: 6,0 Jake JARMAN GBR, Adem ASIL TUR, Asher HONG USA

Highest E score: 9,433 Jesse MOORE AUS

E judges must input deductions based on phases of the Vault executions

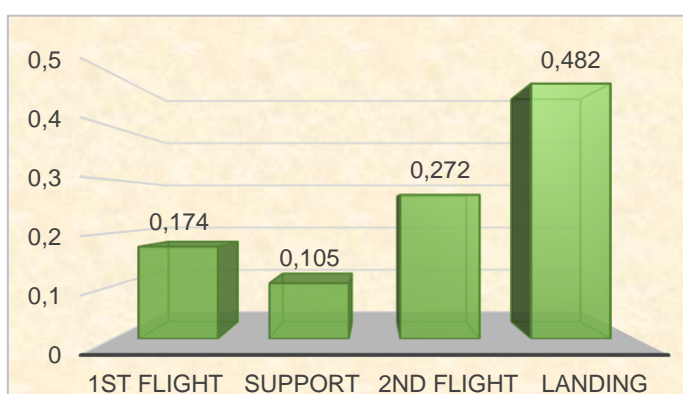### Comparison of lowest/highest deductions by Vault phases in Qualifications

Best executions by phases

1st flight – Marios GEORGIOU CYP, Noe SEIFFERT SUI,
Support – Edriel Carlos YULO PHI
2nd flight –Nicola BARTOLINI ITA
Landing – Jesse MOORE AUS

Average deductions by Vault phases in Qualifications (1st vault)
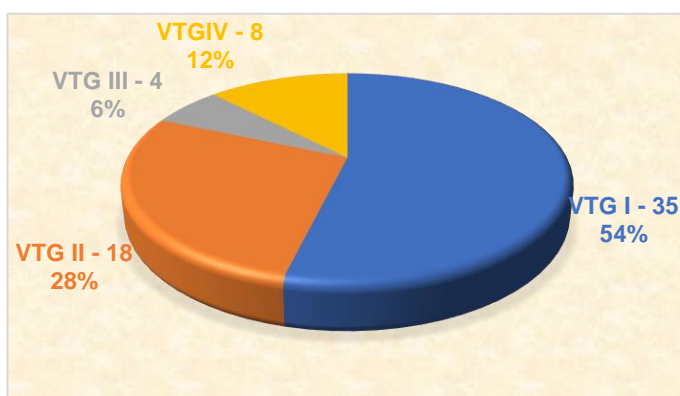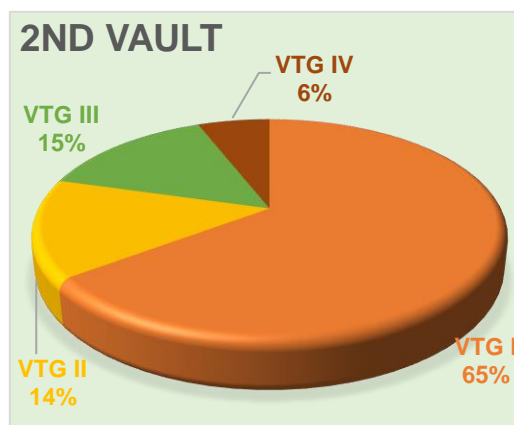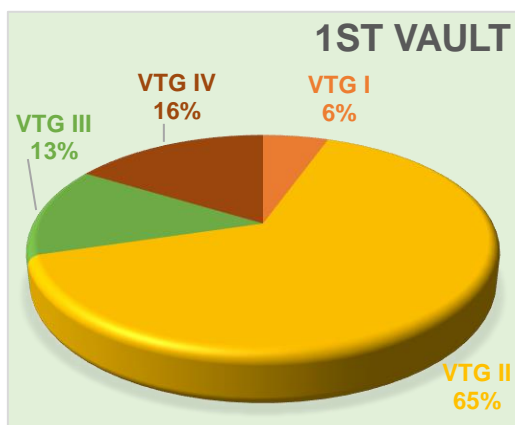
Detailed E score

Comparison of the VTG # during Qualifications (1st vault)

18 gymnasts performed 2 vaults from the following groups:

	1st Vault		2nd Vault	
Group 1	1	5,6%	11	61,1%
Group 2	12	66,7%	3	13,8%
Group 3	3	13,8%	3	13,8%
Group 4	2	16,7%	1	5,6%

Exercise construction.

Line deductions (only during Qualifications):

   0,1 – 14 times, 0,3 – 11 times.

Blocking of the score:

No blocking of score during all competitions

Inquiry:

1 time during Qualifications, rejected.
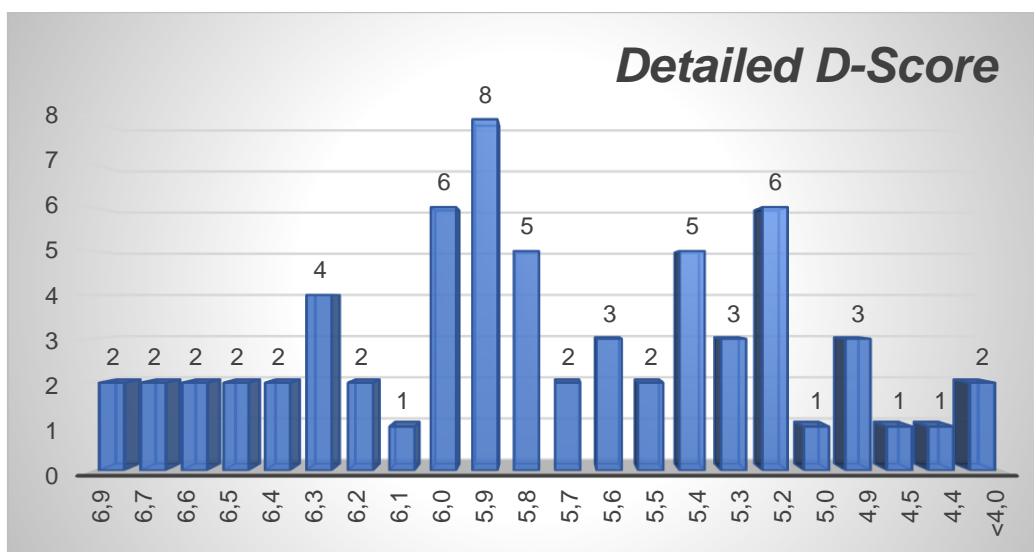
   1   time during Team Final, rejected

17. PARALLEL BARS
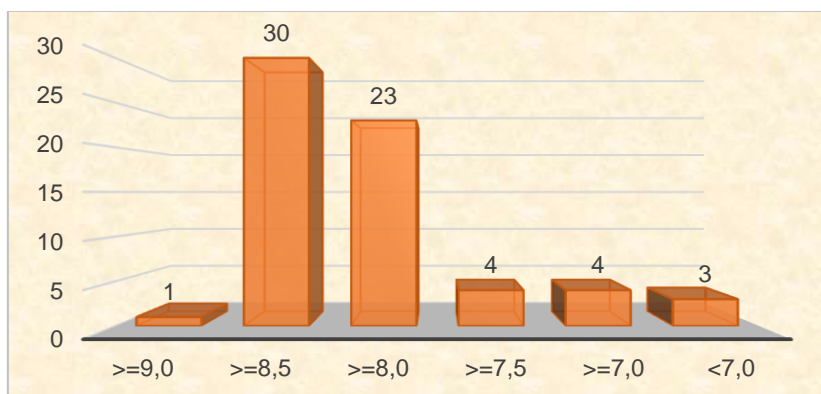
In Qualifications, 65 gymnasts competed.

Highest score: 16,200 Jingyuan ZOU CHN

Highest D score: 6,9 Jingyuan ZOU CHN, Ferhhat ARICAN TUR
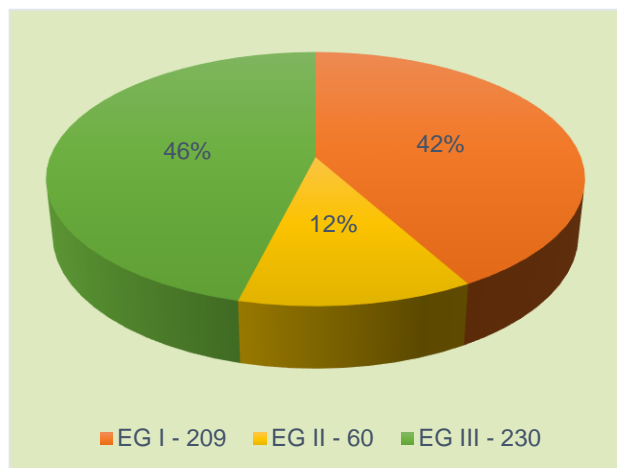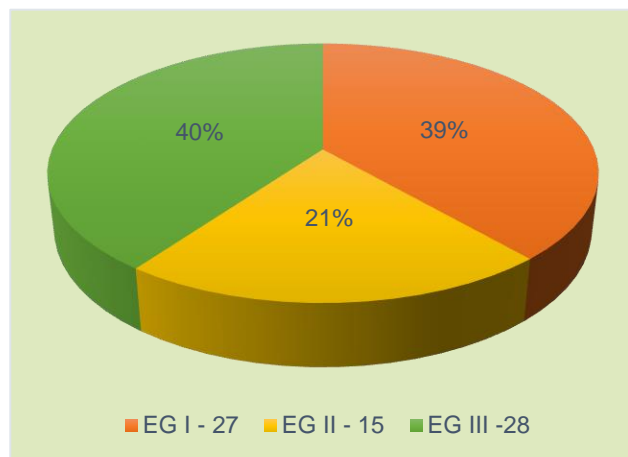
Highest E score: 9,300 Jingyuan ZOU CHN

Detailed D-Score

Detailed E score

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Exercise construction.

Comparison of the EG # during Qualifications

Comparison of the EG # during AF

EG I - 209 EG II - 60 EG III - 230

EG I - 27 EG II - 15 EG III -28

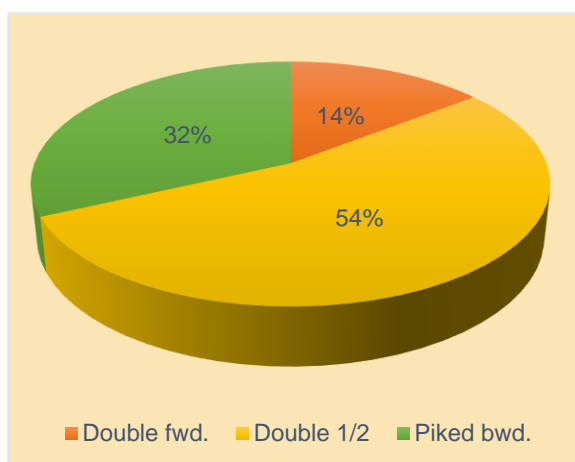### Dismount:

Performed during Qualifications

20 ↓22 backward and 44 ↓47 forward dismounts in comparison with Tokyo

Double fwd. Double 1/2 Piked bwd.

Double salto fwd. tuked 19 ↑10

Double salto fwd. tuked with ½ t. 25 ↓37

Double piked bwd.20 ↓22

During Qualifications, 1 gymnast did not perform a dismount

During the Parallel Bars Final, Double salto forward with ½ turn were performed **7 times.**

Stick landing:

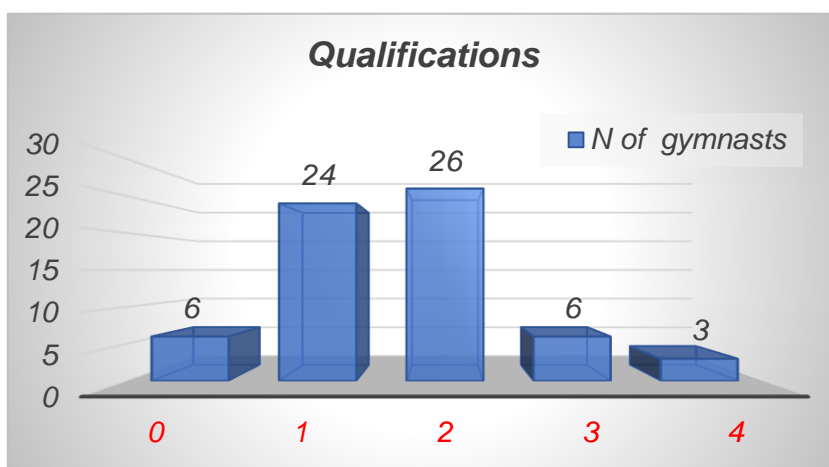*14 times during Qualifications – 21,54 %*

9 times during Team Final – 37,5 %

9 times during All-Around Final – 37,5 %

6 times during Apparatus Final – 75,0%

Swing to handstand and continuing to "reverse" direction (N in one exercise)

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

During Qualifications one gymnast received 0,3 penalty Art. 2.4.e of MAG CoP for "Exceeding 30 sec. before commencing exercise"

During All-Around Final gymnast received 0,3 penalty Art. 2.4. e of MAG CoP for "Non respect of the official warm up time".

Blocking of the score:

No blocking of the score during all phases

Inquiry

No inquiry during all competitions

Falls:

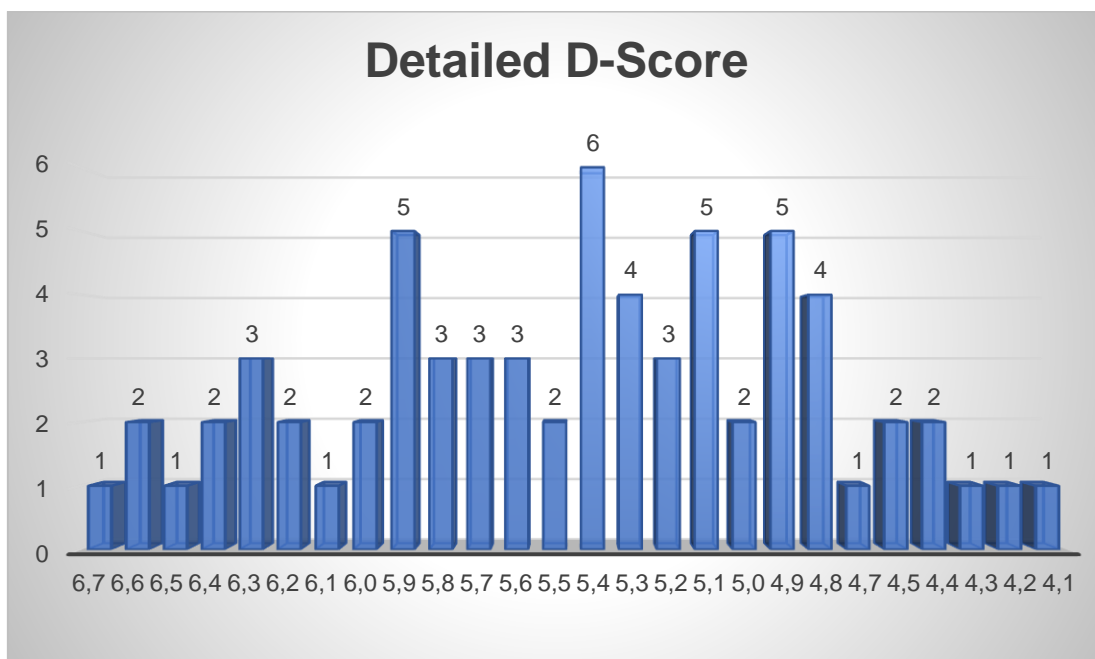8   *times during Qualifications.*

18. HORIZONTAL BAR

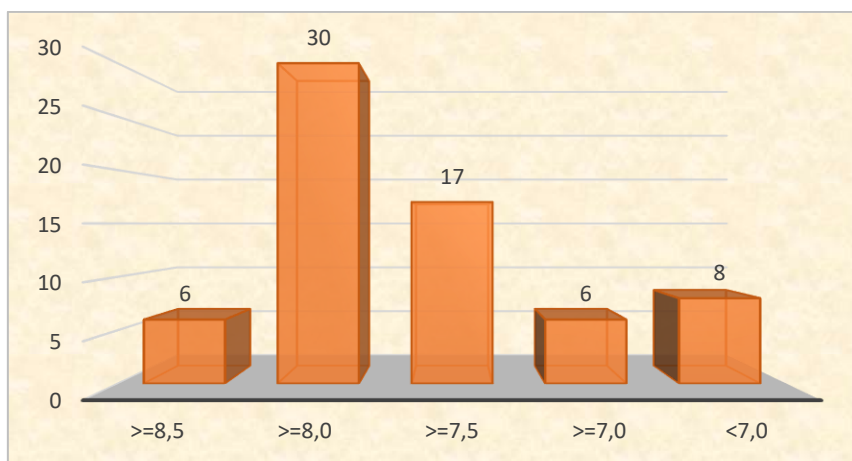*In Qualifications 67 gymnasts competed.*

Highest score: 15,133 Boheng ZHANG CHN
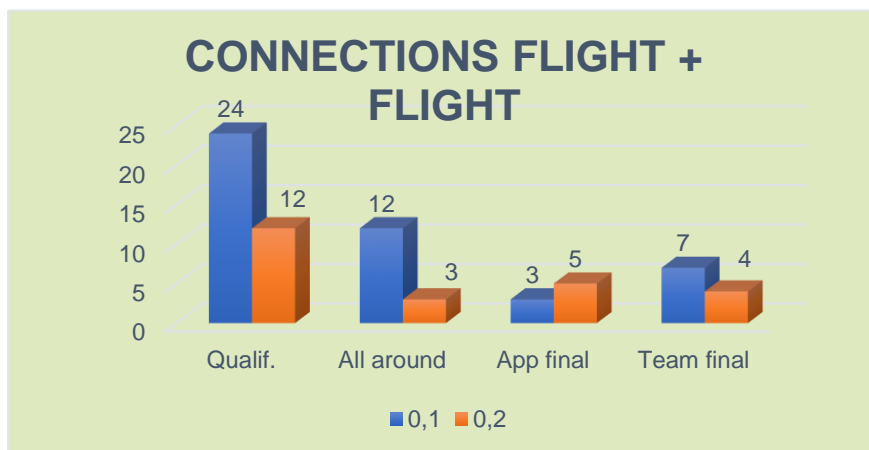
Highest D score: 6,7 Angel BARAJAS COL

Highest E score: 8,633 Boheng ZHANG CHN, Chia-Hung TANG TPE, Shinnosuke OKA JPN
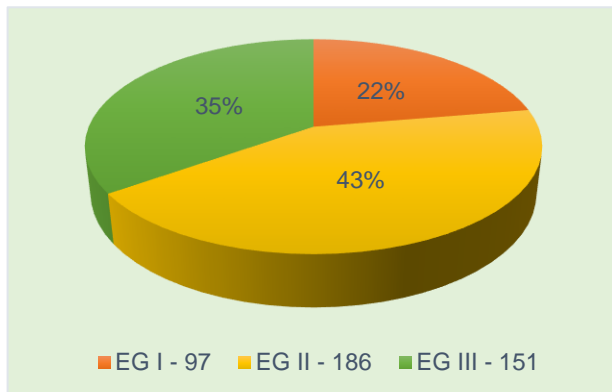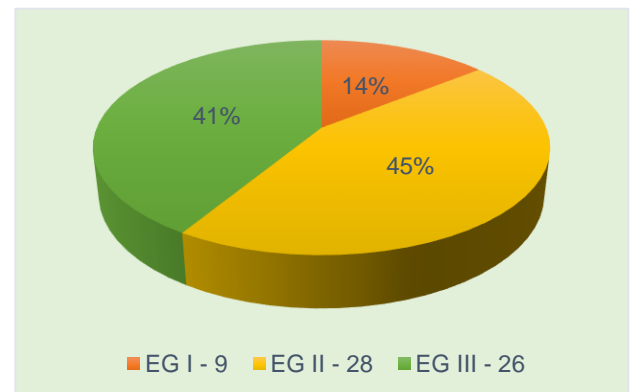
Detailed D-Score

Detailed E score

Exercise construction.

FÉDÉRATION INTERNATIONALE DE GYMNASTIQUE

Comparison of the EG # during Qualifications

EG I - 97   EG II - 186   EG III - 151

Comparison of the EG # during AF

EG I - 9   EG II - 28   EG III - 26

Dismount:

Double 1/1   Double 2/1   Other

Performed during Qualifications *(Tokyo)*

Double salto bwd straight with 1/1 – 22 ↓ 27

Double salto bwd straight with 2/1 – 42 ↓ 44

Other – 3 including:

Triple bwd. F value – 1 ↑

Triple bwd. piked G value – 1 ↑

Double salto bwd – 1

Stick landing:

18 times during Qualifications – 26,9 %

4 times during Team Final – 16,7 %

5 times during All-Around Final – 20,8 %

3 times during Apparatus Final – 37,5%

Blocking of the score:

No blocking of score during all competitions

Inquiry:

4 times during Qualifications, all rejected.

4 times during Team Final – 1 accepted, 3 rejected

1 time during All-Around Final, accepted.

Falls:
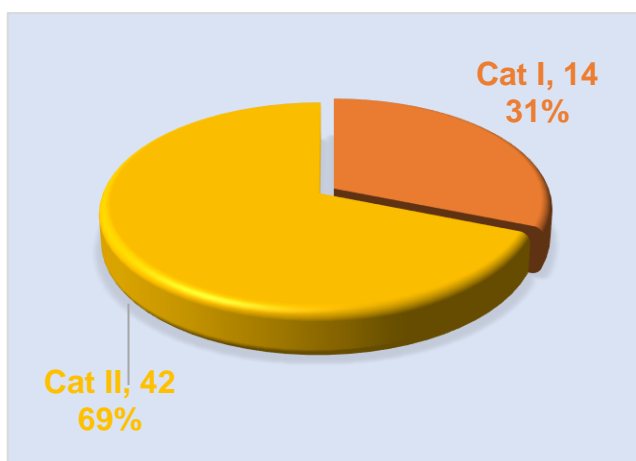
19 times during Qualifications.

19. JUDGING ACTIVITIES

56 NF were represented by 56 judges.

12 NF were selected as D judges: ALG, AZE, GBR, GEO, GER, ESP, EGY, NED, NOR, POR, SVK, USA

44 NF were selected as E judges: ARG, ARM, AUS, AUT, BEL, BRA, CAN, CHI, CHN, COL, CRC, CRO, CYP, CZE, FIN, FRA, GRE, HKG, HUN, IRI, IRL, ISL, ISR, ITA, JPN, KAZ, KOR, LAT, LTU, LUX, NZL, PER, POL, QAT, ROU, SGP, SLO, SRB, SUI, SWE, TPE, TUR, UKR, UZB
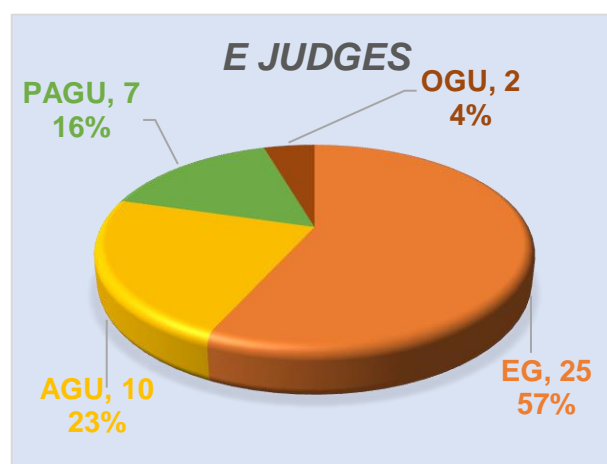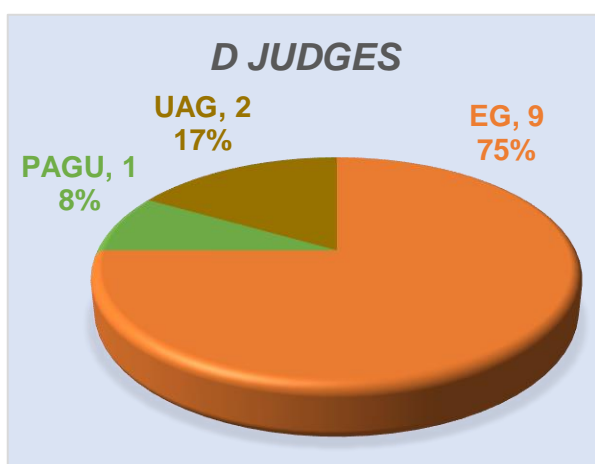
Judges' categories

Caterory I – 14, including 12 D

Category II – 42

ITO by continents

An additional Superior Jury member has been appointed by the MTC. The Nomination of Mario VUKOJA CRO has been approved by the FIG EC.
E judges draw took place before each phase of the competition.

Judges briefing

All relevant information was received from Members of the MTC. The judge's instructions for the D-Juries and E-Juries were conducted separately. For the first time during Olympic Games MTC had used interactive quiz for testing exercises evaluation during judges' instructions. Every judge was able to test themselves using their smartphone and straight after receive feedback and personal results (by points) for the testing. Results of the tests gave the MTC necessary information about the method to test exercise evaluations.

Podium training

Podium Training for the competition was conducted in accordance with the Qualifications schedule. All D judges stayed for all subdivisions in the venue during podium training. The D-Juries 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 POGOC. Schedule of subdivisions was conducted in order with timetable. In the warming up area all apparatus were placed on the podium, which is perfectly convenient for gymnasts. There were some Apparatus finalists using Warming up hall for their training during the All-Around warming up session, I strongly recommend regulating this condition more carefully for the future events.

The D-Juries were very consistent and used the same criteria to evaluate the performances of all gymnasts. 16 inquires submitted, 12 was rejected. SJ used JSS to solve all inquire cases.

E judges work was evaluated by JEP program in all phases of the competition. MTC had conducted PCVR. Longest phase - Qualifications was consistent in evaluation from first until the last subdivision.

20. CONCLUSION

Special thanks to the FIG President Mr. Morinari WATANABE and FIG Secretary General Nicolas BUOMPANE. It was a great pleasure to work with POGOC and FIG Staff to organize such a successful and colorful Olympic Games.

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

Respectfully submitted,

Arturs MICKEVICS,
President FIG/MTC