



WWPCA
World Water Polo
COACHES ASSOCIATION

16th FINA World Championships



Kazan (RUS)

July 24-August 9, 2015

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Men's Water Polo

Analysis of OMEGA Data

by the

World Water Polo Coaches Association (WWPCA)

Terms explanation

Based on OMEGA data that we evaluated, following graph explains the percentage (%) of number of goals scored by each team in 6 offensive phases, based on total numbers of goals scored (100%) during the whole competition

1. **Action:** stands for % of goals scored in the positional/6X6 attack (except goals scored by the center forward or 5-m free-throw shots)
2. **Center:** stands for % of goals scored from the center forward position
3. **Man-up:** stands for % of goals scored during Man-up situations
4. **5-m:** stand for % of goals scored from 5m free-throw shots
5. **Penalty:** stands for % of goals scored from penalty shots
6. **CA:** stands for % of goals scored from counter attack

Offensive Team Scoring Profile

Example for the first three ranked teams:

% of goals scored per offensive phase during the entire competition

	SRB	CRO	GRE
Action	30,1%	33,3%	24,6%
Center forward	15,1%	14,3%	8,2%
Man-up	35,6%	31,7%	39,3%
5m free-throw	9,6%	9,5%	21,3%
Penalty	1,4%	1,6%	4,9%
Counter attack	8,2%	9,5%	1,6%
	<i>100%</i>	<i>100%</i>	<i>100%</i>

SRB: 15,1 % of goals from center forward position

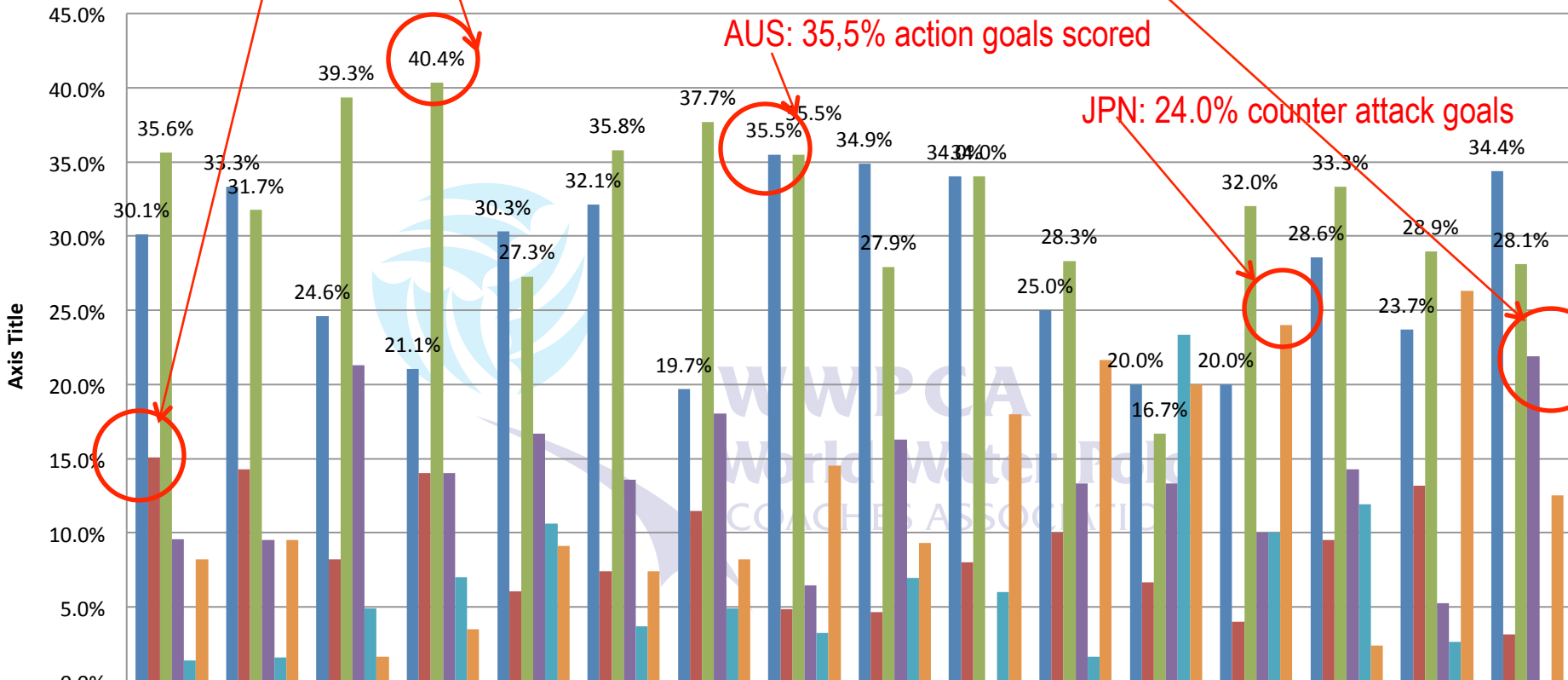
Offensive Team Profile

ITA: 40,4% of goals from man-up

ARG: 21,9% 5m free throw goals scored

AUS: 35,5% action goals scored

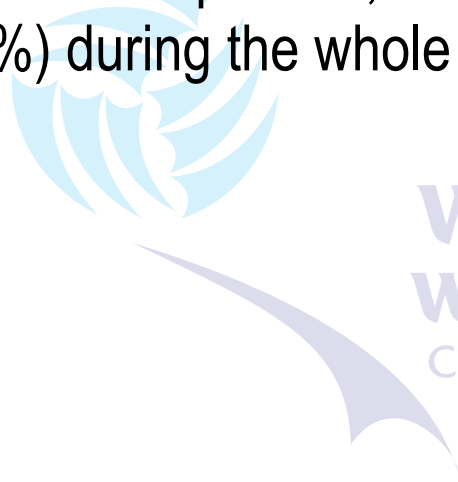
JPN: 24,0% counter attack goals



	SRB	CRO	GRE	ITA	MNE	HUN	USA	AUS	CAN	BRA	KAZ	RSA	JPN	RUS	CHN	ARG
Action	30.1%	33.3%	24.6%	21.1%	30.3%	32.1%	19.7%	35.5%	34.9%	34.0%	25.0%	20.0%	20.0%	28.6%	23.7%	34.4%
Center	15.1%	14.3%	8.2%	14.0%	6.1%	7.4%	11.5%	4.8%	4.7%	8.0%	10.0%	6.7%	4.0%	9.5%	13.2%	3.1%
Man-up	35.6%	31.7%	39.3%	40.4%	27.3%	35.8%	37.7%	35.5%	27.9%	34.0%	28.3%	16.7%	32.0%	33.3%	28.9%	28.1%
5m	9.6%	9.5%	21.3%	14.0%	16.7%	13.6%	18.0%	6.5%	16.3%	0.0%	13.3%	13.3%	10.0%	14.3%	5.3%	21.9%
Penalty	1.4%	1.6%	4.9%	7.0%	10.6%	3.7%	4.9%	3.2%	7.0%	6.0%	1.7%	23.3%	10.0%	11.9%	2.6%	0.0%
CA	8.2%	9.5%	1.6%	3.5%	9.1%	7.4%	8.2%	14.5%	9.3%	18.0%	21.7%	20.0%	24.0%	2.4%	26.3%	12.5%

Defensive Team Profile (score against)

Based on the OMEGA data that we evaluated, the following graph explains the percentage (%) of number of goals scored AGAINST each team, in 6 DEFENSIVE phases, based on total numbers of goals scored AGAINST (100%) during the whole competition



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Defensive Team Profile (scores against each team)

Based on OMEGA data that we evaluated, the following graph explains the percentage (%) of number of goals scored AGAINST each team in 6 DEFENSIVE phases, based on total numbers of goals scored AGAINST (100%) during the whole competition

Example for the first three ranked teams:

% of goals scored AGAINST each team per DEFENSIVE phase during the entire competition

	SRB	CRO	GRE
Action	39,5%	31%	21,8%
Center forward	0%	7,1%	14,5%
Man-down	37,2%	33,3%	41,8%
5m free-throw	14%	16,7%	12,7%
Penalty	4,7%	4,8%	5,5%
Counter attack	4,7%	7,1%	3,6%
	100%	100%	100%

Defensive Team Profile

ITA: 42% Man-down

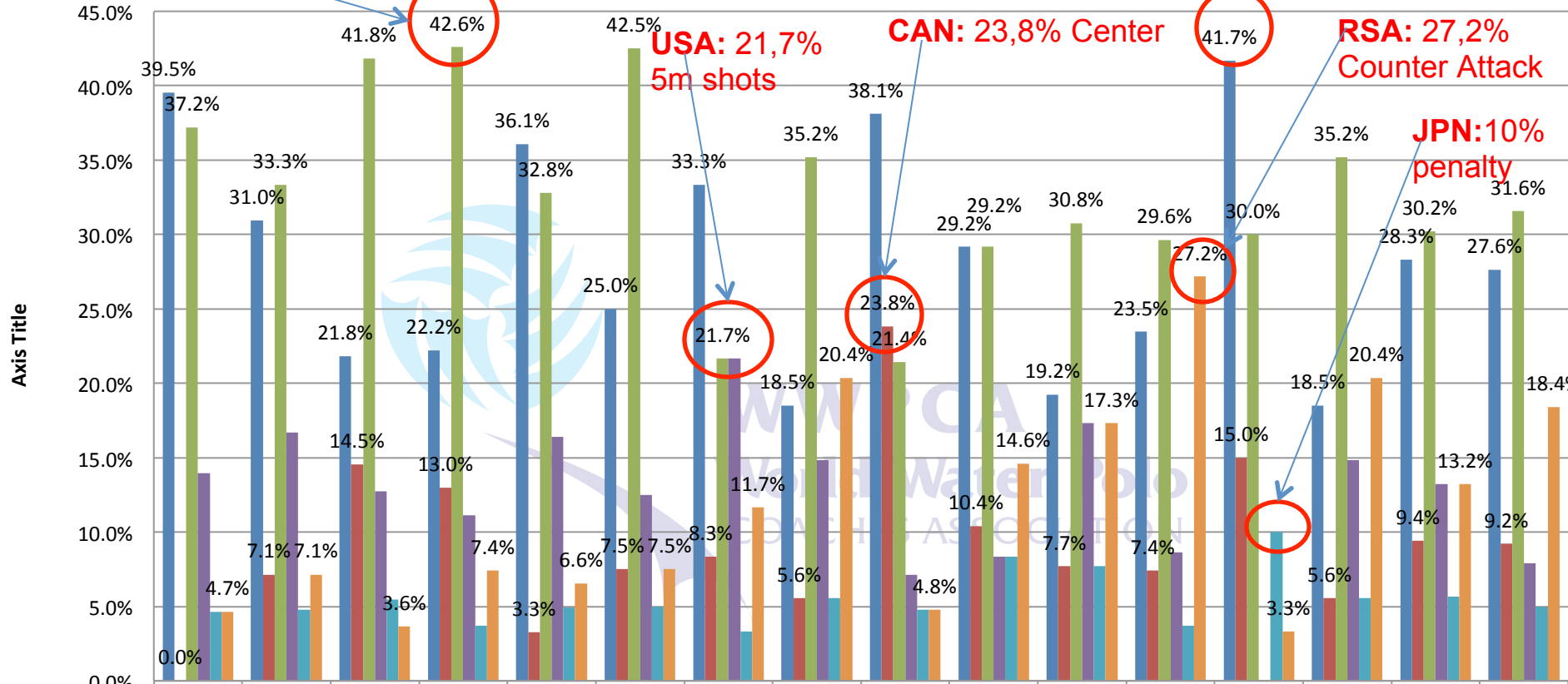
JPN: 41,7 % action

USA: 21,7%
5m shots

CAN: 23,8% Center

RSA: 27,2%
Counter Attack

JPN: 10%
penalty



	SRB	CRO	GRE	ITA	MNE	HUN	USA	AUS	CAN	BRA	KAZ	RSA	JPN	RUS	CHN	ARG
Action	39.5%	31.0%	21.8%	22.2%	36.1%	25.0%	33.3%	18.5%	38.1%	29.2%	19.2%	23.5%	41.7%	18.5%	28.3%	27.6%
Center	0.0%	7.1%	14.5%	13.0%	3.3%	7.5%	8.3%	5.6%	23.8%	10.4%	7.7%	7.4%	15.0%	5.6%	9.4%	9.2%
Man down	37.2%	33.3%	41.8%	42.6%	32.8%	42.5%	21.7%	35.2%	21.4%	29.2%	30.8%	29.6%	30.0%	35.2%	30.2%	31.6%
5m	14.0%	16.7%	12.7%	11.1%	16.4%	12.5%	21.7%	14.8%	7.1%	8.3%	17.3%	8.6%	0.0%	14.8%	13.2%	7.9%
Penalty	4.7%	4.8%	5.5%	3.7%	4.9%	5.0%	3.3%	5.6%	4.8%	8.3%	7.7%	3.7%	10.0%	5.6%	5.7%	5.0%
CA	4.7%	7.1%	3.6%	7.4%	6.6%	7.5%	11.7%	20.4%	4.8%	14.6%	17.3%	27.2%	3.3%	20.4%	13.2%	18.4%

Man-Up and Man-down scores vs # of shots taken (in percentage per team)

The percentage (%) of the number of goals scored AGAINST, during Man-down situations Vs the total number of shots taken AGAINST during those situations

The logo for the World Water Polo Coaches Association (WWPCA) is located in the center of the slide. It features a stylized blue and white wave graphic on the left. To the right of the graphic, the text "WWPCA" is written in a large, bold, blue font. Below that, "World Water Polo" is written in a smaller, bold, blue font, and "COACHES ASSOCIATION" is written in a smaller, blue font at the bottom.

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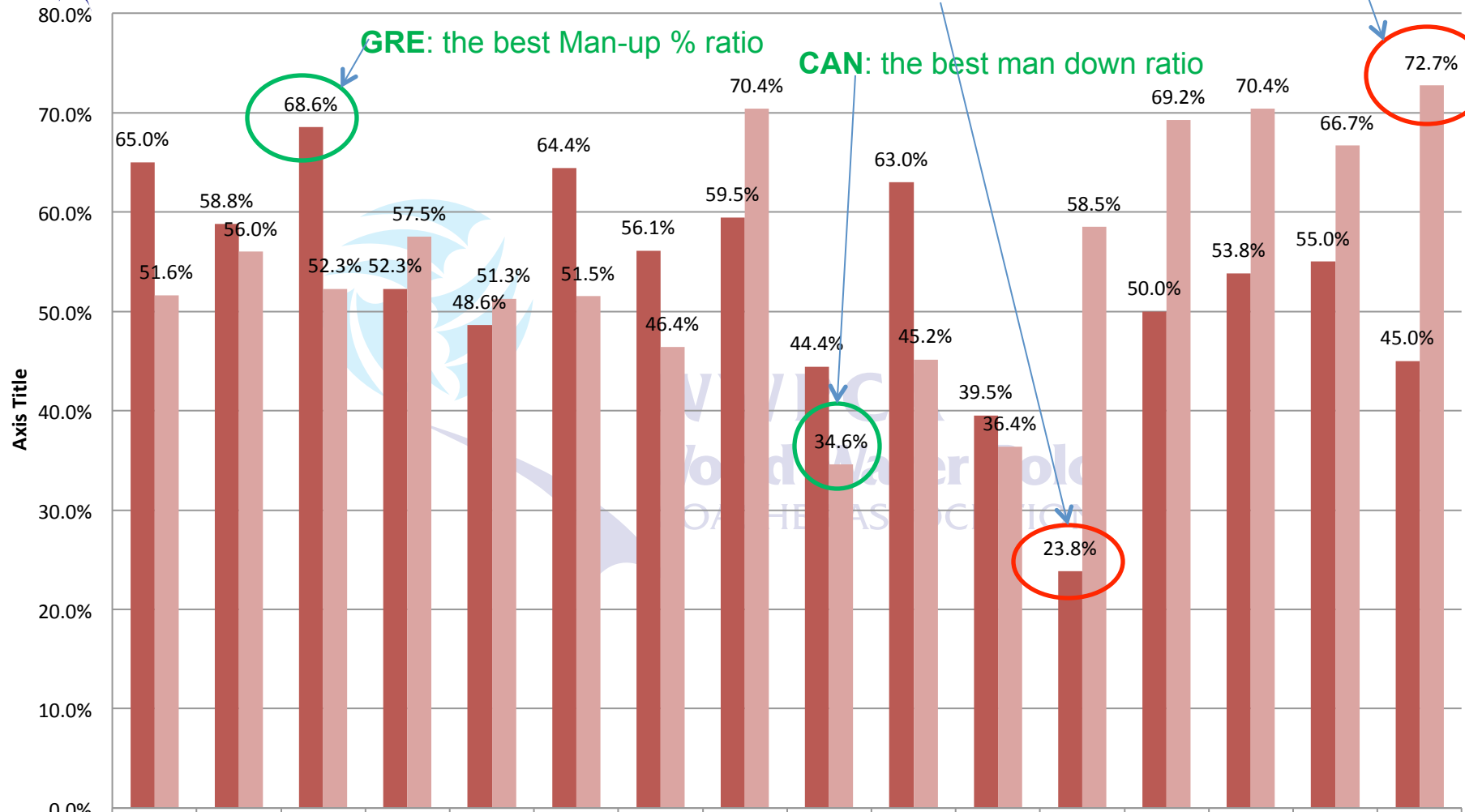
Man-up and Man-down scores vs # of shots

ARG: worst man-down % ratio

RSA: the worst Man-up % ratio

GRE: the best Man-up % ratio

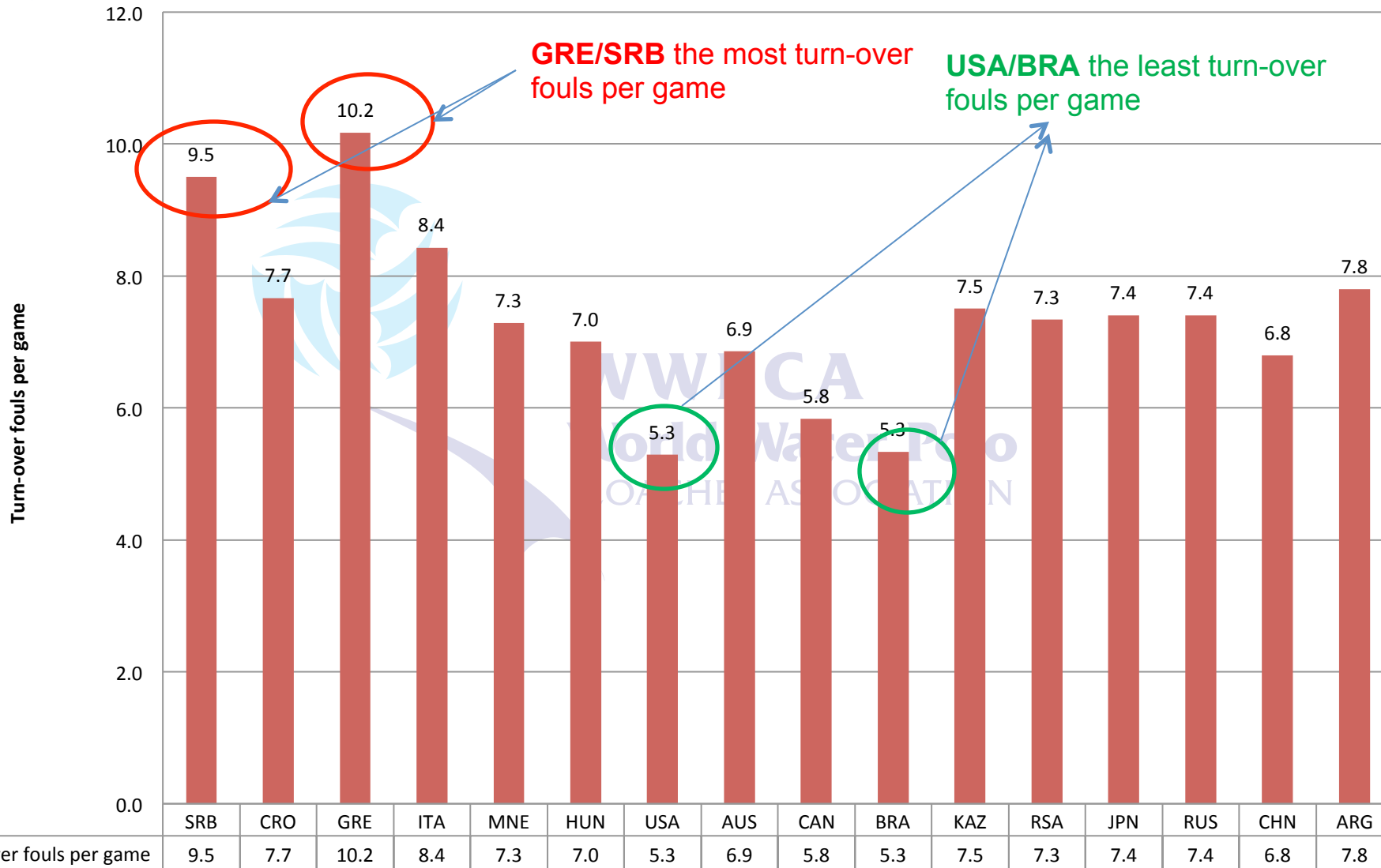
CAN: the best man down ratio



	SRB	CRO	GRE	ITA	MNE	HUN	USA	AUS	CAN	BRA	KAZ	RSA	JPN	RUS	CHN	ARG
Man-up %	65.0%	58.8%	68.6%	52.3%	48.6%	64.4%	56.1%	59.5%	44.4%	63.0%	39.5%	23.8%	50.0%	53.8%	55.0%	45.0%
Man-down	51.6%	56.0%	52.3%	57.5%	51.3%	51.5%	46.4%	70.4%	34.6%	45.2%	36.4%	58.5%	69.2%	70.4%	66.7%	72.7%

ALL ANALYSIS DONE BY WWPCA (WORLD WATER POLO COACHES ASSOCIATION) BASED ON OMEGA DATA

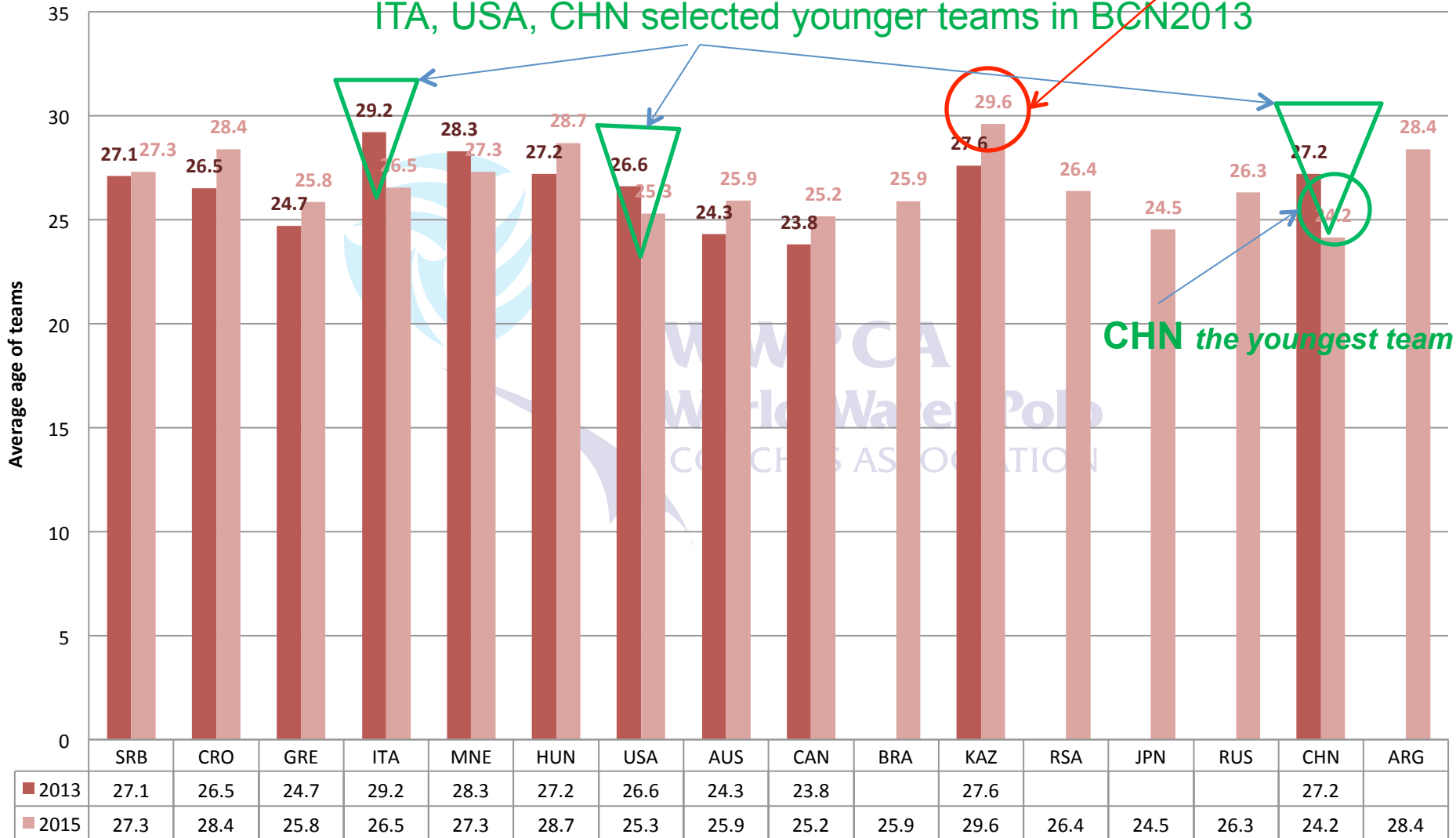
Average turn-over fouls per game/per team



Average age comparison Kazan 2015 and Barcelona 2013

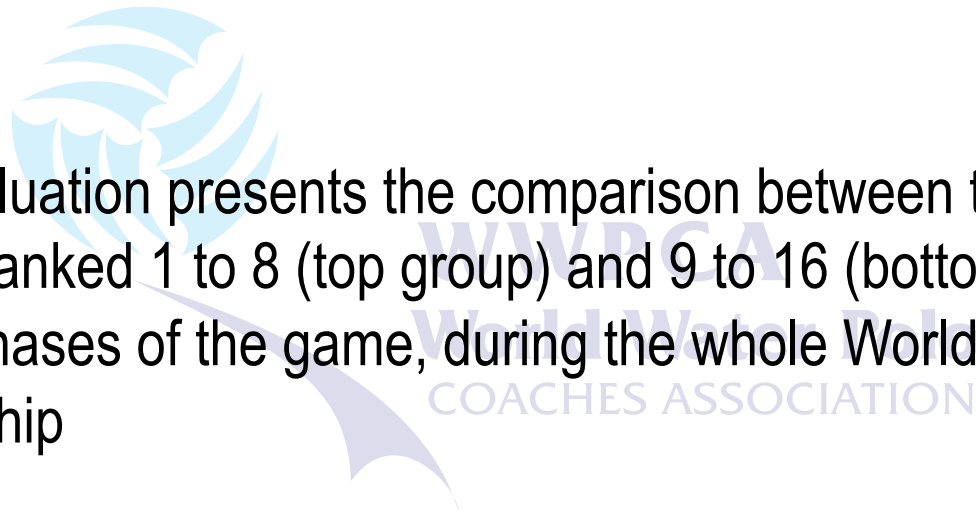
KAZ the oldest team

ITA, USA, CHN selected younger teams in BCN2013



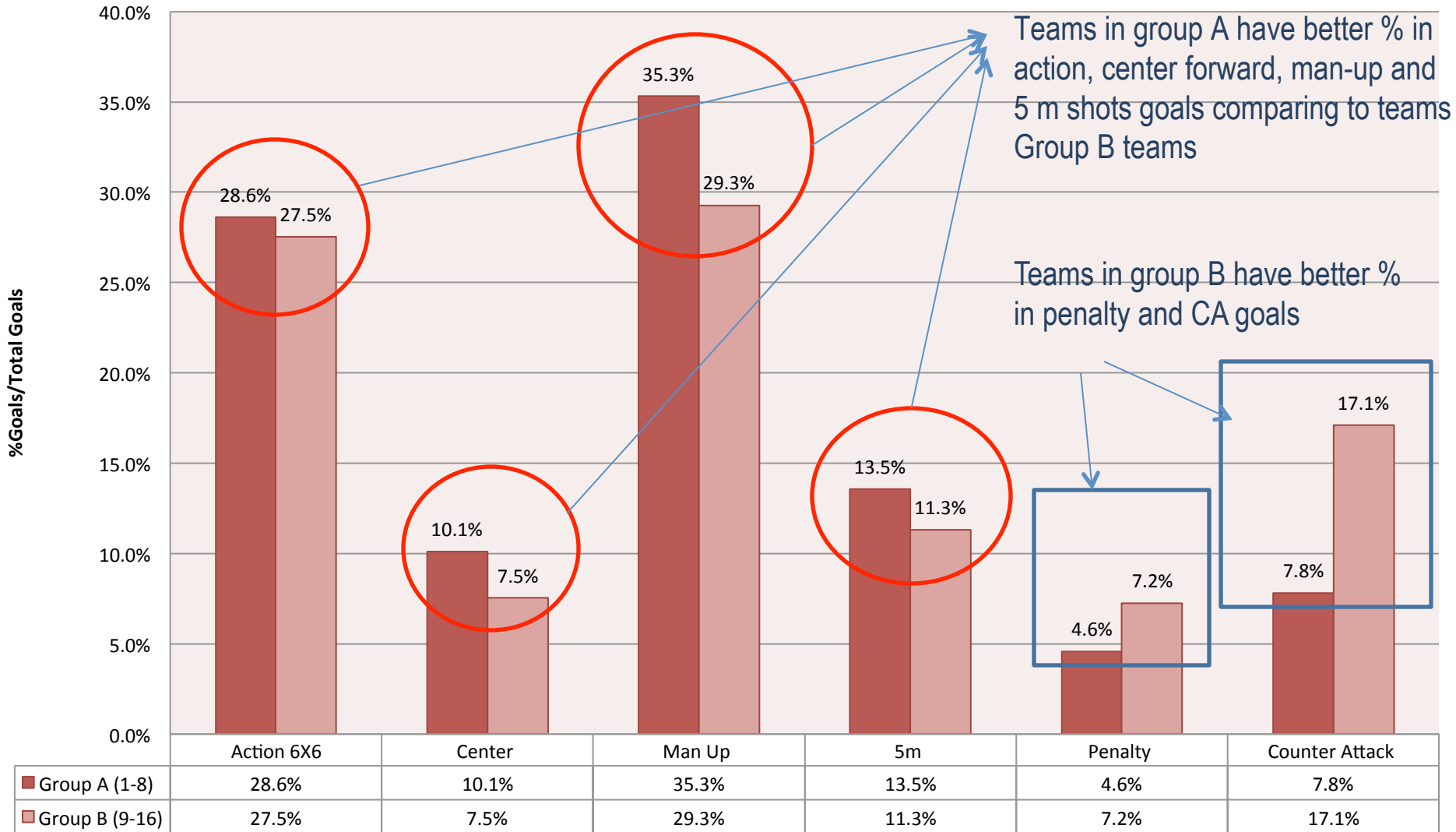
GROUP COMPARISON OF 1-8 AND 9-16 RANKED TEAMS

Further evaluation presents the comparison between the groups of the teams ranked 1 to 8 (top group) and 9 to 16 (bottom group) in all offensive phases of the game, during the whole World Championship



Offensive Group Profile

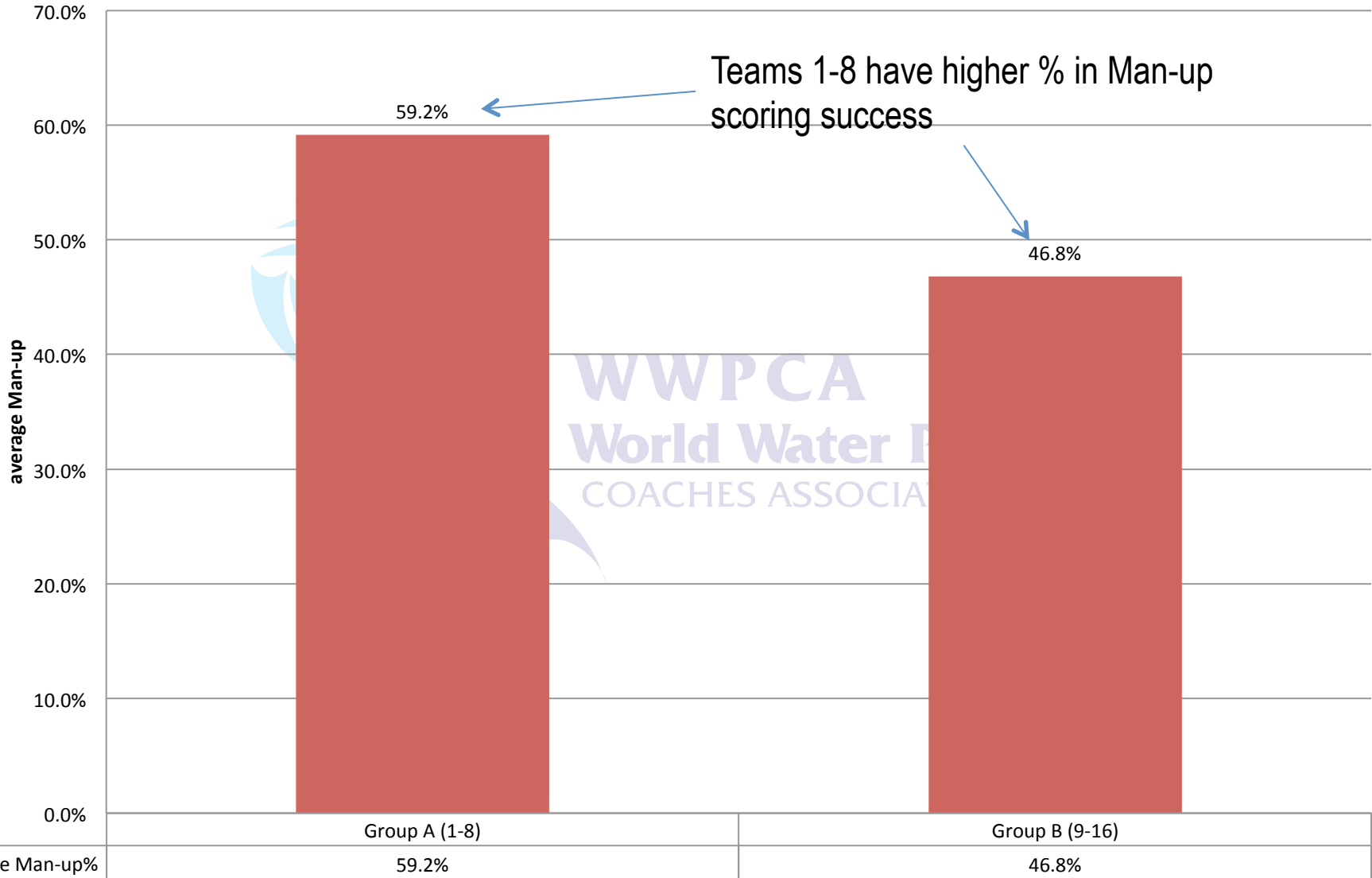
1-8 ranked (group A) and 9-16 ranked (group B)



Man up scoring success rate

(# of man up vs # of scores)

Average per group for the whole tournament

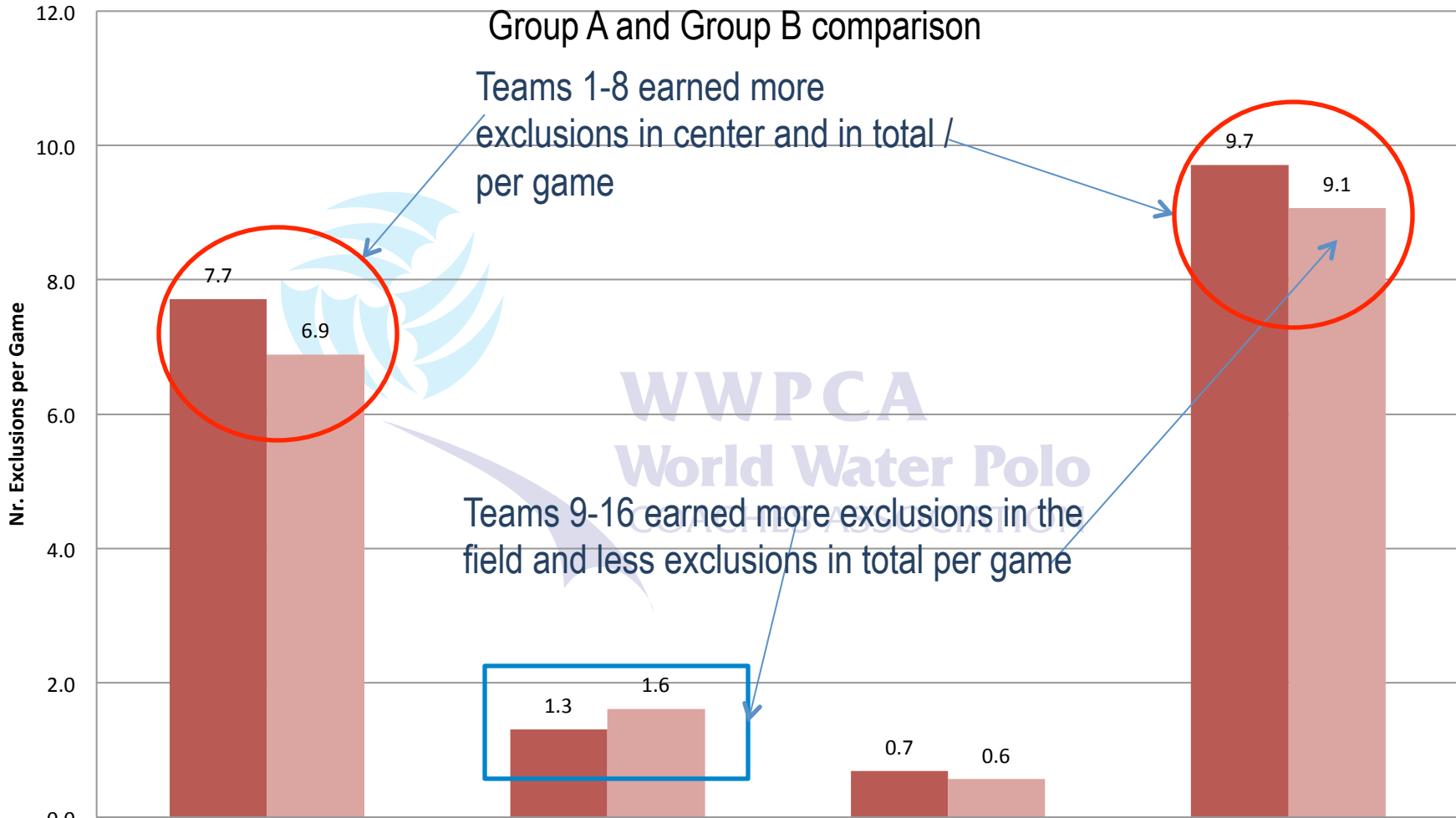


Average number of exclusions (per game and per area)

Group A and Group B comparison

Teams 1-8 earned more
exclusions in center and in total /
per game

Teams 9-16 earned more exclusions in the
field and less exclusions in total per game



	20-Center	20-Field	20-Excl.	Total
■ Group A (1-8)	7.7	1.3	0.7	9.7
■ Group B (9-16)	6.9	1.6	0.6	9.1

Average age of teams

Group A and Group B
BCN 2013 and Kazan 2015

