

## **One Does Not Fit All: European Study Shows Significant Differences in Value-Priorities in Clean Sport**

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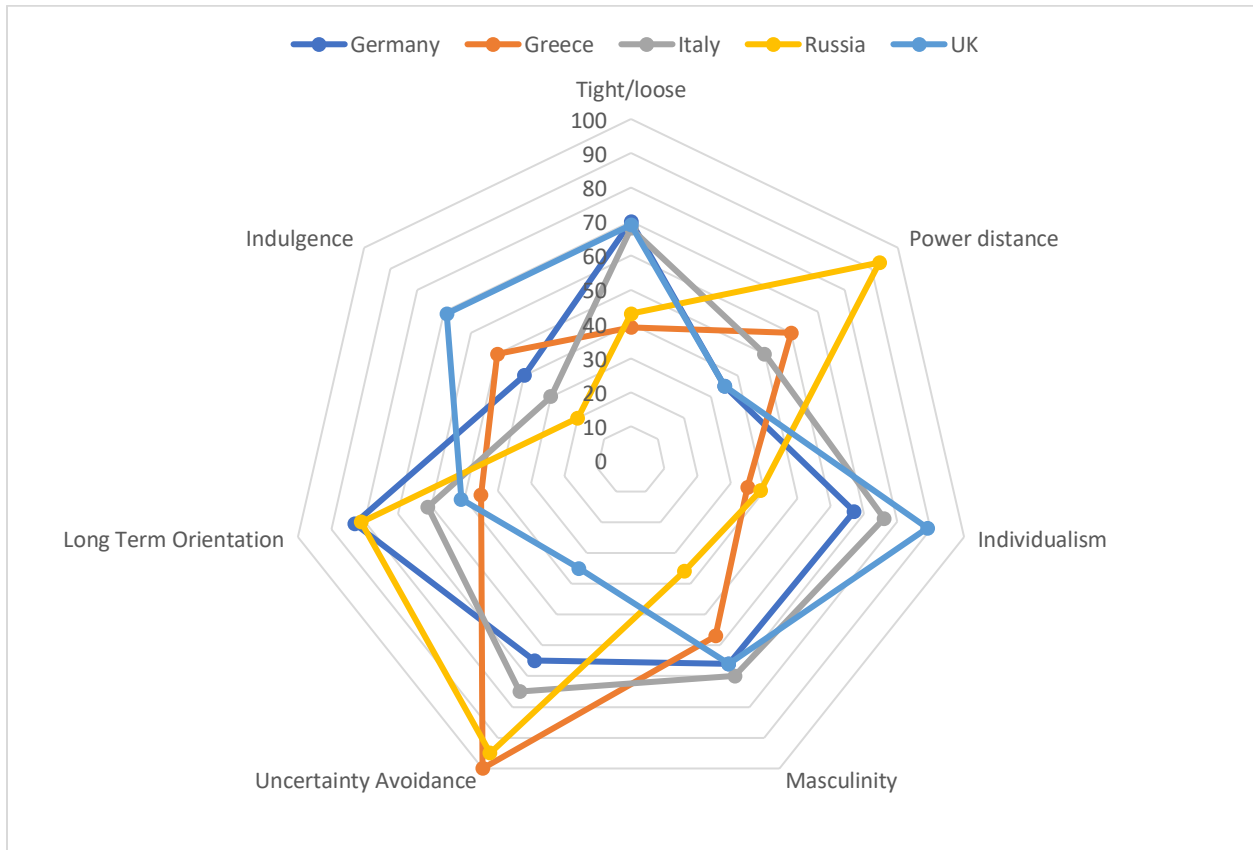
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## Appendix

Appendix 1. Hofstede's national culture dimensions and Gelfand's tight-loose culture dimension for the five included countries



Appendix 2. Full correlation statistics for Spirit of Sport and Importance of Clean Sport by Country

		Germany	Greece	Italy	Russia	UK
Honesty & Ethics	Germany		-1.73	2.22	2.00	-
	Greece	-1.78		3.80	3.82	-
	Italy	2.22	3.8		-	-1.69
	Russia	2	3.82	-		-
	UK	-	-	-1.69	-	
Health	Germany		-	-2.04	-1.82	-
	Greece	-		-	-	-
	Italy	-2.04	-		-	1.85
	Russia	-1.82	-	-		-
	UK	-	-	1.85	-	
Character & Education	Germany		-2.98	-2.24	-	-
	Greece	-2.98		-	2.55	2.01
	Italy	-2.24	-		1.70	-
	Russia	-	2.55	1.70		-
	UK	-	2.01	-	-	
Dedication & Commitment	Germany		-	-	-	-
	Greece	-		-	2.47	-
	Italy	-	-		1.65	-
	Russia	-	2.47	1.65		2.57
	UK	-	-	-	2.57	
Respecting Rules and Laws	Germany		-	-	-	-
	Greece	-		2.73	-	2.20
	Italy	-	2.73		-1.83	-
	Russia	-	-	-1.83		-
	UK	-	2.20	-	-	
Fun and Joy	Germany		-1.73	-	-	-
	Greece	-1.73		-	-	-
	Italy	-	-		-	-
	Russia	-	-	-		-
	UK	-	-	-	-	

		Germany	Greece	Italy	Russia	UK
Excellence in Performance	Germany		-	-	-1.69	-
	Greece	-		-	-	-
	Italy	-	-		-	-
	Russia	-1.69	-	-		-
	UK	-	-	-	-	
		Germany	Greece	Italy	Russia	UK
Teamwork	Germany		-2.72	-	-	-
	Greece	-2.72		3.69	2.80	2.70
	Italy	-	3.69		-	-
	Russia	-	2.80	-		-
	UK	-	2.70	-	-	
		Germany	Greece	Italy	Russia	UK
Respect for Self and Others	Germany		-1.84	-	-	-
	Greece	-1.84		2.24	2.37	1.66
	Italy	-	2.24		-	-
	Russia	-	2.37	-		-
	UK	-	1.66	-	-	
		Germany	Greece	Italy	Russia	UK
Courage	Germany		-	-2.11	-2.29	-
	Greece	-		-	-	-
	Italy	-2.11	-		-	2.03
	Russia	-2.29	-	-		2.24
	UK	-	-	2.03	2.24	
		Germany	Greece	Italy	Russia	UK
Community and Solidarity	Germany		-2.72	-	-	-
	Greece	-2.72		1.80	3.13	3.21
	Italy	-	1.80		-	-
	Russia	-	3.13	-		-
	UK	-	3.21	-	-	

### Appendix 3. Study measures of Schwartz's Values (1992)

Sets of brief statements describing personal values are presented below. We are interested in your views about how important the values listed below are to you, as guiding principles in your life.

For each set of values below, please choose the ONE value out of those five which, you think, is most important as a guiding principle in your life and choose the ONE value out of those five which, you think, is least important as a guiding principle in your life.

There is NO right answer, the statements repeat, do not think too much, answer quickly – first reactions best capture your life values.

Example: For a soft drink, which attribute is the most and the least important?

<i>Least Important</i> <i>Select ONE</i>		<i>Most Important</i> <i>Select ONE</i>
	<i>Taste</i>	✓
	<i>Sugar content</i>	
	<i>Brand</i>	
✓	<i>Price</i>	
	<i>Free of artificial colouring</i>	

<b>Least Important</b> Select ONE		<b>Most Important</b> Select ONE
	Enjoying life and doing things that give pleasure	
	To be the leader and the one making decisions	
	Having things organized, clean and stable	
	Behaving properly to avoid doing anything wrong	
	To do things in your own way	

<b>Least Important</b> Select ONE		<b>Most Important</b> Select ONE
	Helping and responding to the needs of others	
	Every person in the world should be treated equally	
	To be the leader and the one making decisions	
	Behaving properly to avoid doing anything wrong	
	To do things in your own way	

<b>Least Important</b> Select ONE		<b>Most Important</b> Select ONE
	To do things in your own way	
	Helping and responding to the needs of others	
	Taking risks and trying new things	
	To do things in traditional ways to maintain customs	
	Having things organized, clean and stable	

Least Important Select ONE		Most Important Select ONE
	Behaving properly to avoid doing anything wrong	
	Every person in the world should be treated equally	
	Enjoying life and doing things that give pleasure	
	To do things in traditional ways to maintain customs	
	Taking risks and trying new things	
Least Important Select ONE		Most Important Select ONE
	Enjoying life and doing things that give pleasure	
	Having things organized, clean and stable	
	To be the leader and the one making decisions	
	Every person in the world should be treated equally	
	Taking risks and trying new things	

Least Important Select ONE		Most Important Select ONE
	To be the leader and the one making decisions	
	Helping and responding to the needs of others	
	Enjoying life and doing things that give pleasure	
	To do things in traditional ways to maintain customs	
	Being successful and doing better than others	

Least Important Select ONE		Most Important Select ONE
	Taking risks and trying new things	
	Helping and responding to the needs of others	
	Behaving properly to avoid doing anything wrong	
	Having things organized, clean and stable	
	Being successful and doing better than others	

Least Important Select ONE		Most Important Select ONE
	To be the leader and the one making decisions	
	To do things in your own way	
	Taking risks and trying new things	
	To do things in traditional ways to maintain customs	
	Being successful and doing better than others	

Least Important Select ONE		Most Important Select ONE
	Helping and responding to the needs of others	
	Being successful and doing better than others	
	Enjoying life and doing things that give pleasure	

	To do things in your own way	
	Every person in the world should be treated equally	

Least Important Select ONE		Most Important Select ONE
	Being successful and doing better than others	
	Every person in the world should be treated equally	
	Behaving properly to avoid doing anything wrong	
	Having things organized, clean and stable	
	To do things in traditional ways to maintain customs	

**Please use the scale to rate how important each of the following values is to you, as a guiding principle in your life.**

<i>Opposed to my values</i>	<i>Not important</i>			<i>Important</i>			<i>Very important</i>	<i>Of supreme importance</i>
-1	0	1	2	3	4	5	6	7

**Mark the level of your agreement for each statement:**

Behaving properly to avoid doing anything wrong.	-1	0	1	2	3	4	5	6	7
Doing things in traditional ways to maintain customs.	-1	0	1	2	3	4	5	6	7
Helping and responding to the needs of others.	-1	0	1	2	3	4	5	6	7
Every person in the world should be treated equally.	-1	0	1	2	3	4	5	6	7
Doing things in your own way.	-1	0	1	2	3	4	5	6	7
Taking risks and trying new things.	-1	0	1	2	3	4	5	6	7
Enjoying life and doing things that give pleasure.	-1	0	1	2	3	4	5	6	7
Being successful and doing better than others.	-1	0	1	2	3	4	5	6	7
Being the leader and the one making decisions.	-1	0	1	2	3	4	5	6	7
Having things organized, clean and stable.	-1	0	1	2	3	4	5	6	7

Appendix 4. Study measures for Spirit of Sport Values (WADA, 2021a)

**The “Spirit of Sport” is what the Olympic movement says makes sport intrinsically valuable. We are interested how important the different values that contribute to the Olympic Movement’s “Spirit of Sport” are to you.**

For each set of values below, please choose the **ONE** value out of those five which, you think, is most important to you, and choose the **ONE** value out of those five which, you think, is least important to the Spirit of Sport.

<b>Least Important</b> Select ONE		<b>Most Important</b> Select ONE
	Having fun and joy in sport	
	Showing respect for myself and other participants	
	Working as part of a team	
	Respecting the rules and laws of sport	
	Showing dedication and commitment	

<b>Least Important</b> Select ONE		<b>Most Important</b> Select ONE
	Playing fairly with honesty and ethics	
	Showing community and solidarity	
	Working as part of a team	
	To me, being healthy is important	
	Showing dedication and commitment	

<b>Least Important</b> Select ONE		<b>Most Important</b> Select ONE
	Working as part of a team	
	Having fun and joy in sport	
	Displaying courage is important to me	
	Showing community and solidarity	
	Character and education are important to me	

<b>Least Important</b> Select ONE		<b>Most Important</b> Select ONE
	To me, being healthy is important	
	Respecting the rules and laws of sport	
	Character and education are important to me	
	Working as part of a team	
	Excellence in performance is important to me	



<b>Least Important</b> Select ONE		<b>Most Important</b> Select ONE
	To me, being healthy is important	
	Having fun and joy in sport	
	Showing dedication and commitment	
	Displaying courage is important to me	
	Excellence in performance is important to me	

<b>Least Important</b> Select ONE		<b>Most Important</b> Select ONE
	Having fun and joy in sport	
	Showing respect for myself and other participants	
	Playing fairly with honesty and ethics	
	Character and education are important to me	
	To me, being healthy is important	

<b>Least Important</b> Select ONE		<b>Most Important</b> Select ONE
	Character and education are important to me	
	Showing respect for myself and other participants	
	Showing community and solidarity	
	Excellence in performance is important to me	
	Showing dedication and commitment	

Least Important Select ONE		Most Important Select ONE
	To me, being healthy is important	
	Showing community and solidarity	
	Displaying courage is important to me	
	Showing respect for myself and other participants	
	Respecting the rules and laws of sport	

Least Important Select ONE		Most Important Select ONE
	Excellence in performance is important to me	
	Displaying courage is important to me	
	Working as part of a team	
	Showing respect for myself and other participants	
	Playing fairly with honesty and ethics	

Least Important Select ONE		Most Important Select ONE
	Displaying courage is important to me	
	Respecting the rules and laws of sport	
	Showing dedication and commitment	
	Character and education are important to me	
	Playing fairly with honesty and ethics	

Least Important Select ONE		Most Important Select ONE
	Playing fairly with honesty and ethics	
	Respecting the rules and laws of sport	
	Having fun and joy in sport	
	Showing community and solidarity	
	Excellence in performance is important to me	

**Please rate how important each of the following values is to you, as an intrinsic part of the Spirit of Sport.**

<i>Opposed to my values</i>	<i>Not important</i>			<i>Important</i>			<i>Very important</i>	<i>Of supreme importance</i>
-1	0	1	2	3	4	5	6	7

**Mark the level of your agreement for each statement:**

Playing fairly with honesty and ethics	-1	0	1	2	3	4	5	6	7
To me, being healthy is important	-1	0	1	2	3	4	5	6	7
Excellence in performance is important to me	-1	0	1	2	3	4	5	6	7
Character and education are important to me	-1	0	1	2	3	4	5	6	7
Having fun and joy in sport	-1	0	1	2	3	4	5	6	7
Working as part of a team	-1	0	1	2	3	4	5	6	7
Showing dedication and commitment	-1	0	1	2	3	4	5	6	7
Respecting the rules and laws of sport	-1	0	1	2	3	4	5	6	7
Showing respect for myself and other participants	-1	0	1	2	3	4	5	6	7
Displaying courage is important to me	-1	0	1	2	3	4	5	6	7
Showing community and solidarity	-1	0	1	2	3	4	5	6	7

Appendix 5. Gelfand's tight/loose culture instrument (Gelfand et al., 2011)

Please read each of the following statements and rate the extent to which you agree that the statement reflects the culture of your country on the following scale:

<i>Strongly Disagree</i>	<i>Disagree</i>	<i>Slightly Disagree</i>	<i>Slightly Agree</i>	<i>Agree</i>	<i>Strongly Agree</i>
1	2	3	4	5	6

Mark your level of agreement for each statement:

In my country, there are many customs and unwritten rules that people are supposed to obey.	1	2	3	4	5	6
In my country, there are very clear expectations for how people should act in most situations.	1	2	3	4	5	6
In my country, people agree upon what behaviors are appropriate versus inappropriate in most situations.	1	2	3	4	5	6
In my country, people have a great deal of freedom in deciding how they want to behave in most situations.	1	2	3	4	5	6
In my country, if someone acts in an inappropriate way, others will strongly disapprove.	1	2	3	4	5	6
People in my country almost always follow the customs and unwritten rules.	1	2	3	4	5	6

Appendix 6: German and Russian translation of the Spirit of Sport values.

**Bitte bewerte jeden der folgenden Werte dahingehend, wie wichtig jeder einzelne als wesentlicher Bestandteil des „Spirit of Sports“ für dich ist.**

<i>Entgegenmei nen Werten</i>	<i>Nichtwich tig</i>			<i>Wichtig</i>			<i>Sehrwicht ig</i>	<i>Von höchster Wichtigkeit</i>
-1	0	1	2	3	4	5	6	7

**Gib den Grad deiner Zustimmung für jede Aussage an:**

Fair spielen mit Ehrlichkeit und Ethik	-1	0	1	2	3	4	5	6	7
Für mich ist wichtig gesund zu sein	-1	0	1	2	3	4	5	6	7
Hervorragende Leistungen sind mir wichtig	-1	0	1	2	3	4	5	6	7
Der Charakter und die Bildung sind mir wichtig	-1	0	1	2	3	4	5	6	7
Spaß und Freude beim Sport haben	-1	0	1	2	3	4	5	6	7
Als Teil eines Teams arbeiten	-1	0	1	2	3	4	5	6	7
Hingabe und Einsatz zeigen	-1	0	1	2	3	4	5	6	7
Die Regeln und Gesetze des Sports respektieren	-1	0	1	2	3	4	5	6	7
Respekt gegenüber mir und anderen Teilnehmenden zeigen	-1	0	1	2	3	4	5	6	7
Mut zu zeigen ist mir wichtig	-1	0	1	2	3	4	5	6	7
Gemeinschaft und Solidarität zeigen	-1	0	1	2	3	4	5	6	7

*Russian translation of the Spirit of Sport values*

**Пожалуйста, оцените, насколько важно каждое из следующих значений для вас как неотъемлемая часть “духа спорта”.**

<i>Противоречит моим ценностям</i>	<i>Не важно</i>			<i>Важно</i>			<i>Очень важно</i>	<i>Первостепенное значение</i>
-1	0	1	2	3	4	5	6	7

**Отметьте свою степень согласия с каждым утверждением:**

Играть честно с уважением и этичностью	-1	0	1	2	3	4	5	6	7
Для меня важно быть здоровым	-1	0	1	2	3	4	5	6	7
Совершенство в своем спорте	-1	0	1	2	3	4	5	6	7
Хорошие манеры и образование важны для меня	-1	0	1	2	3	4	5	6	7
Получать удовольствие и радость в спорте	-1	0	1	2	3	4	5	6	7
Работать в команде	-1	0	1	2	3	4	5	6	7
Демонстрировать самоотверженность и целеустремленность	-1	0	1	2	3	4	5	6	7
Соблюдать правила спорта	-1	0	1	2	3	4	5	6	7
Проявлять уважение к себе и другим участникам	-1	0	1	2	3	4	5	6	7
Для меня важно проявить смелость	-1	0	1	2	3	4	5	6	7
Проявлять чувство общности и солидарности	-1	0	1	2	3	4	5	6	7