



**WINNING STYLE OF
PLAY**
Quads, Men & Women

Winning Style of Play defined*

- A tactical, evidence- based conceptualization of what it takes to be the best in the world
- Measurable tactical outcomes in all areas of competitive play
- On going collection of evidence regarding athletes performances
- Allows for objective international comparative analysis

* Own The Podium definition

Evidence is based on

- 9 quad division singles matches
 - 1 Rio 2016 Paralympics Final Match
 - 2 US Open 2017 matches
 - 6 Australian Open 2018 matches
- 4 top 5 ranked quad players (Dylan Alcott, David Wagner, Andy Lapthorne, Heath Davidson) playing each other
- all matches charted through Tennis Analytics

- 9 men division singles matches
 - 4 Rio 2016 Paralympics Final Match
 - 3 US Open 2017 matches
 - 2 Australian Open 2018 matches
- 5 top 5 ranked men's players (Gordon Reid, Alfie Hewett, Stephane Houdet, Joachim Gerard, Shingo Kunieda) playing each other
- all matches charted through Tennis Analytics

- 8 Women division singles matches
 - 3 Rio 2016 Paralympics Final Match
 - 1 US Open 2017 match
 - 4 Australian Open 2018 matches
- top 5 ranked quad players (Yui Kamiji, Jiske Griffioen, Aniek van Koot, Diede de Groot, Sabine Ellebrock) playing each other
- all matches charted through Tennis Analytics



Three data-supported characteristics of the Quad, Men's & Women's game

It's a game
of short
rallies

It's a game
won or lost
through the
middle of
the court

It's an
attacking
game

GOLD MEDAL PROFILE

It's a game of short rallies

QUADS

- ❑ 69 % of points are decided in rallies 1-4
- ❑ 94 % of points are decided in rallies 1-8
- ❑ The player who won at least 54% of the 1 - 4 shot rallies won the match (independently on his result in the the 5 and above rallies)
- ❑ 72 % of all unforced errors are committed in rallies 1-4
- ❑ 62 all winners are scored in rallies 1-4

MEN

- ❑ 64% points are decided in rallies 1-4
- ❑ 90% in 1-8 rallies
- ❑ The player who won at least 50% of the 1 - 4 shot rallies won the match (independently on his result in the the 5 and above rallies)
- ❑ 66 % of all unforced errors are committed in rallies 1-4
- ❑ 58% all winners are scored in rallies 1-4

WOMEN

- ❑ 66 % of points are decided in rallies 1-4
- ❑ 87 % of points are decided in rallies 1-8
- ❑ The player who won at least 52% of the 1 - 4 shot rallies won the match (independently on his result in the the 5 and above rallies)
- ❑ 69 % of all unforced errors are committed in rallies 1-4
- ❑ 64 all winners are scored in rallies 1-4

Quad rally length

QUADS	
1-4 Shots	68.67%
5 - 8 Shots	25.44%
9 -12 Shots	4.89%
13+ Shots	0.50%

Men rally length

MEN	
1-4 Shots	63.89%
5 - 8 Shots	26.44%
9 -12 Shots	6.67%
13+ Shots	1.11%

Women rally length

WOMEN	
1-4 Shots	65.75%
5 - 8 Shots	21.25%
9 -12 Shots	8.88%
13+ Shots	5.19%

It's a game won or lost through the middle of the court

QUADS

- ❑ 40% of all last shots (winners and errors) are hit from 3 quadrants C2,C3,C4
- ❑ 68.4 % of all Serve + 1 winning shots are hit from 3 quadrants: C2, C3, C4
- ❑ 39% of all Return + 1 winning shots are hit from 3 quadrants C2,C3,C4
- ❑ 50.3% of all +5 winning shots are hit from 4 middle quadrants C1, C2,C3,C4

MEN

- ❑ 36% of all last shots (winners and errors) are hit from 3 quadrants: C2, C3, C4
- ❑ 58% of all Serve + 1 winners are hit from 3 quadrants: C2, C3, C4
- ❑ 44% of all Return + 1 winners are hit from 3 quadrants: C2, C3, C4
- ❑ 41.9% of all + 5 shot winners are hit from 4 middle quadrants: C1, C2, C3, C4

WOMEN

- ❑ 34.2% of all last shots (winners and errors) are hit from 3 quadrants C2,C3,C4
- ❑ 63 % of all Serve + 1 winning shots are hit from 3 quadrants: C2, C3, C4
- ❑ 41.8% of all Return + 1 winning shots are hit from 3 quadrants C2,C3,C4
- ❑ 47.6% of all +5 winning shots are hit from 4 middle quadrants C1, C2,C3,C4



Quad Quadrant Analysis

All last shots (winning or losing)

ALL LAST SHOTS CONTACT POSITIONS (winners and errors)



40% of all last shots (winners and errors) are hit from Quadrant C2,C3 or C4

All Serve + 1 winners

	NET				
	1.1%	2.1%	320.0%	0.0%	1
	1.1%			0.0%	2
		1.1%	11.6%	0.0%	
	0.0%	12.6%	56.8%	10.5%	3
	0.0%	0.0%	0.0%	0.0%	4
	0.0%	0.0%	0.0%	0.0%	5
A	B	C	D	E	

68.4% of all serve + 1 winners are hit from 3 quadrants: C2, C3, C4

All Return + 1 winners

39.5 % all return + 1 winners are hit from 3 middle quadrants (C2,C3,C4)

	NET				
1	1.2%	1.2%	4.7%	1.2%	0.0%
2	1.2%	4.7%	18.6%	4.7%	0.0%
3	0.0%	10.5%	11.6%	5.8%	1.2%
4	2.3%	2.3%	9.3%	4.7%	0.0%
5	2.3%	4.7%	4.7%	5.8%	0.0%
	A	B	C	D	E

All +5 Winners



50.3 % all 5+ last shot winners are hit from 4 middle quadrants (C1, C2, C3, C4)



Men's Quadrant Analysis

All last shots (winning or losing)

36% of all last shots (winners and errors) are hit from 3 quadrants: C2, C3, C4



All Serve + 1 winners

		NET					
1	0%	0.70%	1	0.00%	0.00%	1	
	0.00%					2	
		0.70%	11.00%	4.40%			
	1.50%	13%	31%	5.90%	0.00%	3	
4	0	10.30%	16%	2.90%	0.00%	4	
5	0.70%	0.00%	0.70%	0.00%	0	5	
						14	

58% of all Serve + 1 winners are hit from 3 Quadrants: C2, C3 & C4

All Return + 1 winners

44% of all Return + 1 winners are hit from 3 Quadrants: C2, C3 & C4

		NET						
		A	B	C	D	E		
1	0%	2.90%	4	4.30%	0.00%			
2	0.00%	1.40%	8.60%	0.00%	0.00%			
3	2.90%	9%	23%	1.40%	1.40%			
4	1.4	11.40%	13%	8.60%	0.00%			
5	0.00%	1.40%	2.90%	1.40%	1.4			
		A	B	C	D	E	15	

All +5 Winners

		NET				
1	0	2.80%	7	2.00%	0.40%	1
	0.00%				0.40%	2
		4.50%	10.90%	4.00%		
	3.20%	9%	14%	4.90%	0.40%	3
4	1.60%	8.50%	10%	5.30%	0.80%	4
5	2.40%	3.60%	2.40%	1.20%	0.8	5
		A	B	C	D	E

41.9% of all +5 winners are hit from 4 middle quadrants: C1, C2, C3 & C4



Women's Quad Quadrant Analysis

All last shots (winning or losing)

34.2% of all last shots (winners and errors) are hit from Quadrant C2,C3 or C4

		NET			
1	0	0.20%	1	0.10%	0.00%
2	0.10%				0.40%
		0.70%	1.40%	1.70%	
3	1.70%	7.20%	15%	15.00%	2.00%
4	1.5	6.40%	17.80%	12.40%	3.80%
5	1.50%	3.00%	5.00%	4.30%	1.3
	A	B	C	D	E

All Serve + 1 winners

63% of all serve + 1 winners are hit from 3 quadrants: C2, C3, C4

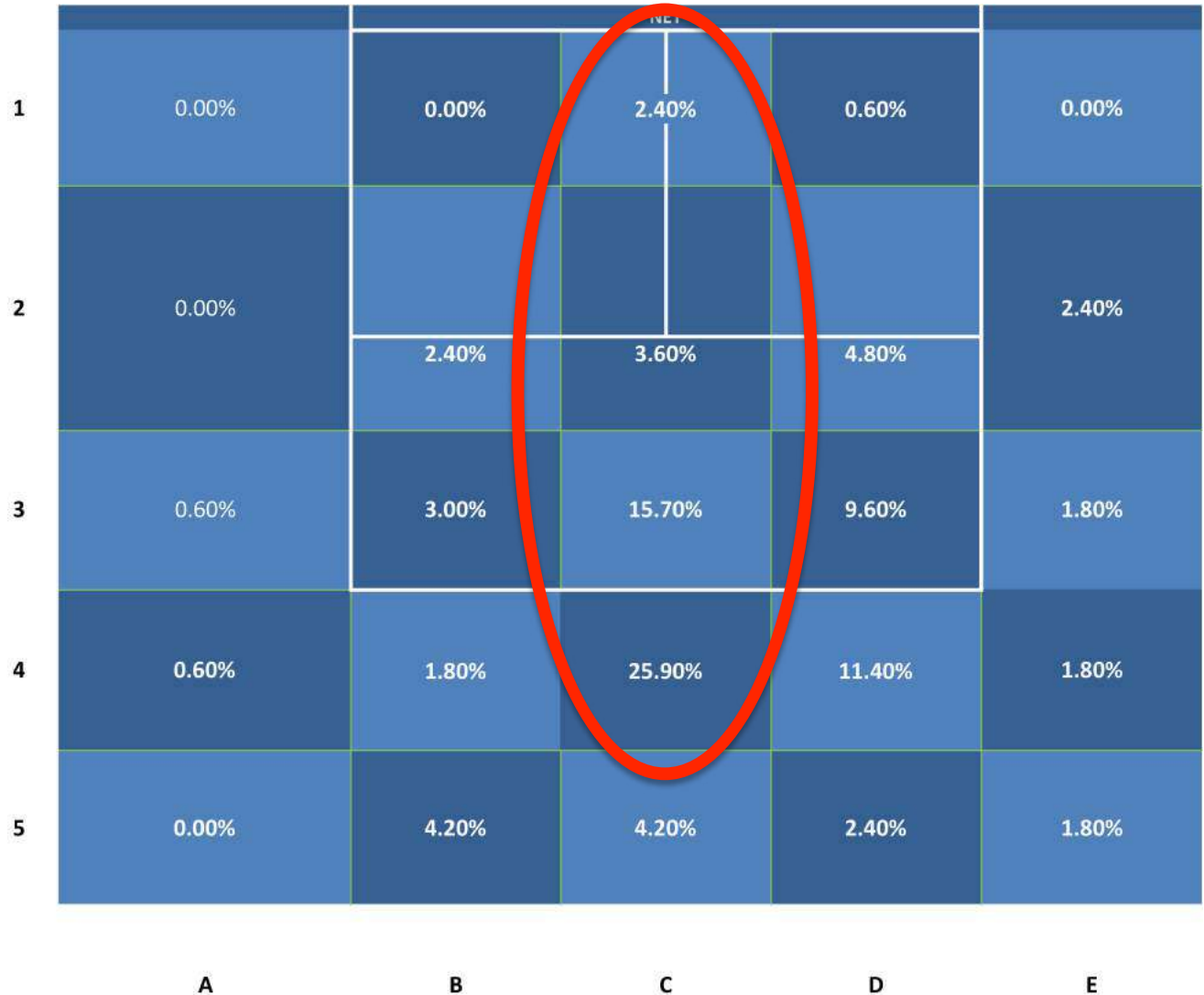
	NET				
	A	B	C	D	E
1	0.0%	0.0%	0.0%	0.0%	0.0%
2	0.0%	0.0%	2.7%	5.5%	0.0%
3	2.7%	0.0%	38.4%	9.6%	1.4%
4	0.0%	9.6%	21.9%	8.2%	0.0%
5	0.0%	0.0%	0.0%	0.0%	0.0%

All Return + 1 winners

41.8 % all return + 1 winners are hit from 3 middle quadrants (C2,C3,C4)

		NET				
1		0.0%	0.0%	0.0%	0.0%	0.0%
		0.0%	0.0%	2.7%	5.5%	0.0%
4		2.7%	0.0%	38.4%	9.6%	1.4%
		0.0%	9.6%	21.9%	8.2%	0.0%
5		0.0%	0.0%	0.0%	0.0%	0.0%
		A	B	C	D	E

All +5 Winners



47.6 % all 5+ last shot winners are hit from 4 middle quadrants (C1, C2, C3, C4)

It's an attacking game

QUADS

- ❑ 45% (winners) to 55% (errors)
- ❑ *30/70 ration in abled bodied tennis
- ❑ Forehand v backhand winners:
 - 51% of all groundstroke winners were forehands
 - 49% of all groundstroke winners were backhands

MEN

- ❑ 44% (winners) to 56% (errors)
- ❑ *30/70 ration in abled bodied tennis
- ❑ Forehand clear weapon of choice:
 - 80% of all groundstroke winners were forehands
 - 20% of all groundstroke winners were backhands

WOMEN

- ❑ 31% (winners) to 58% (errors)
- ❑ *30/70 ration in abled bodied tennis
- ❑ Forehand v backhand winners:
 - 65% of all groundstroke winners were forehands
 - 35% of all groundstroke winners were backhands



Service & Break Points

Serve/Break point statistics QUAD/MEN/WOMEN

	QUADS	MEN	WOMEN
1st Serve %	66.1	61.4	59.83
1st serve points won %	55.0	59.4	47.12
2nd serve points won %	40.9	44.5	31.21
Break points converted %	45.4	62.7	56.69
Break points Saved %	52.6	42.4	35.29
Service Games won %	53.1	56.7	32.13



From Winning Style of Play to Gold Medal Profile

'Gold Medal Profile' defined*

The collection of skills and attributes that underpin the performances of athletes capable of stepping onto the Para/Olympic Podium.....

....and the **metrics** by which those skills and attributes are tracked over time.



Psycho-Social



Physiological



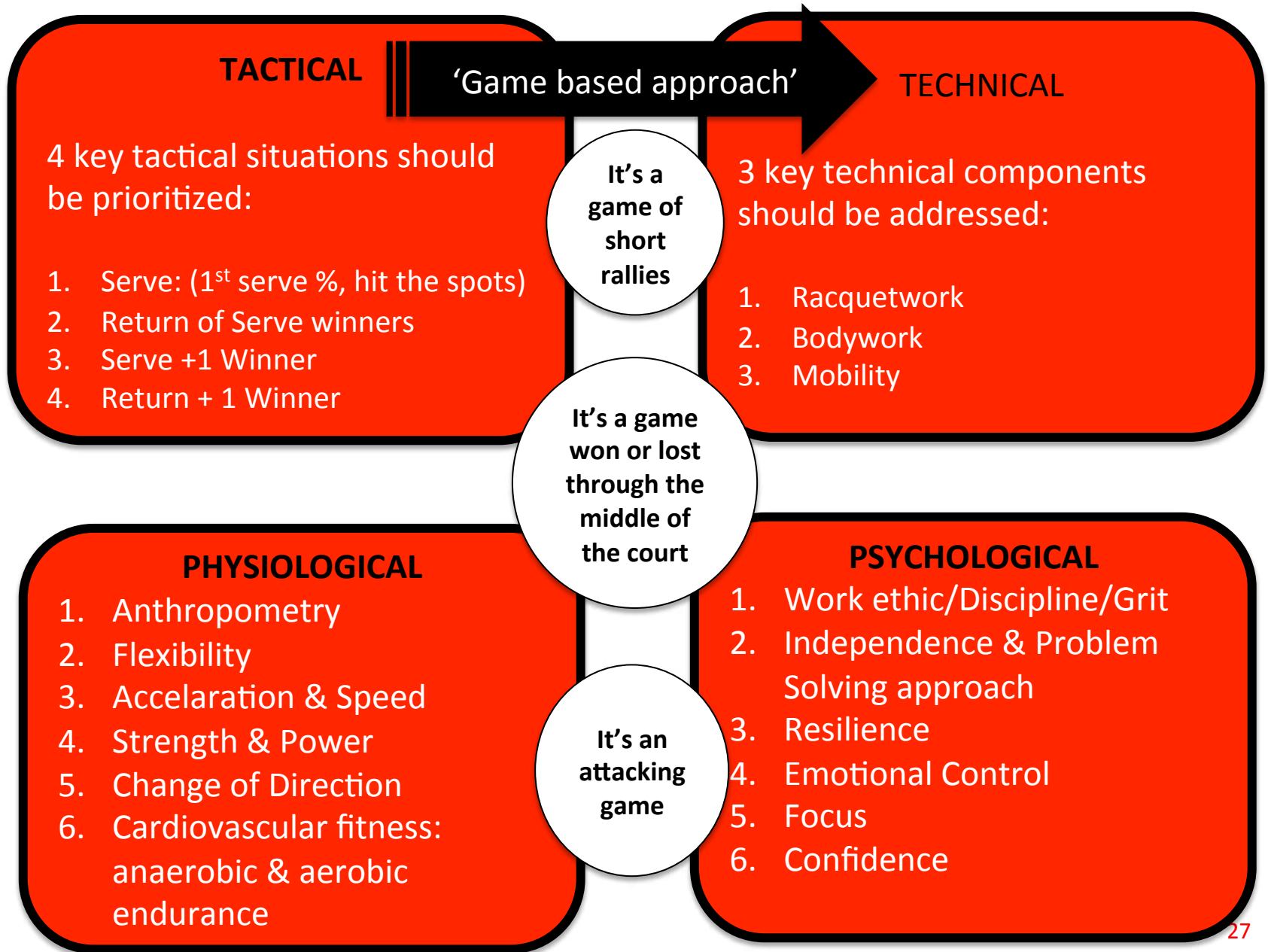
Technical



Tactical

* Own the Podium definition

From Winning Style of Play to Gold Medal Profile



From Winning Style of Play to Gold Medal Profile

