

 *L'esport **mou** Catalunya*



Generalitat de Catalunya
Departament de la Vicepresidència i
Secretaria General de l'Esport



"Transforming catalan sport through the Olympic Games"



Sports,
Socialisation and
Economic
Development
und
TablesTuesday
8th of June 20

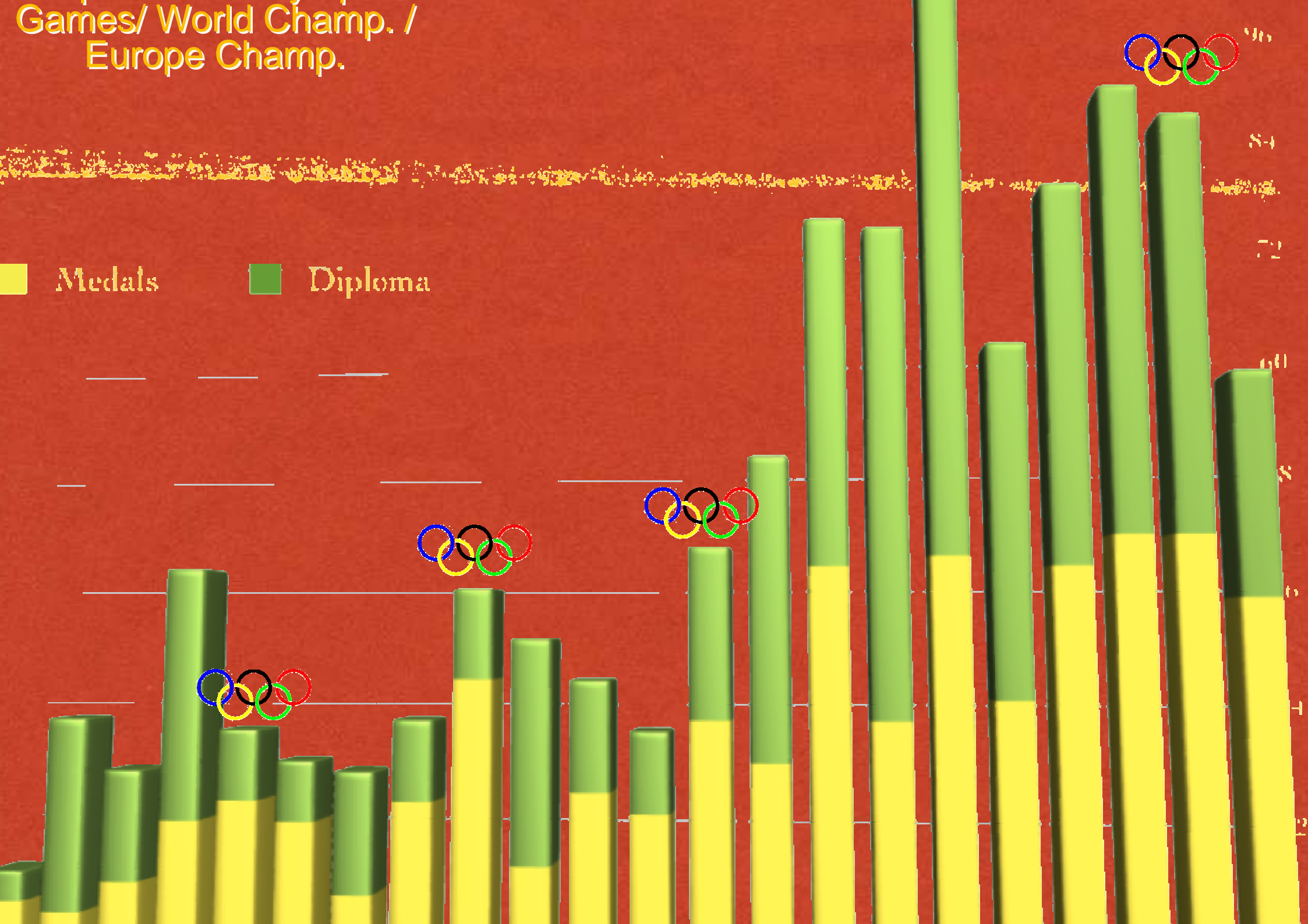


CAR Sant Cugat



Games/ World Champ. /
Europe Champ.

Medals Diploma



Budget and Staff

Running Cost without investment

€8.8 million Total Yearly Budget 30% from Catalan Government 25% from Spanish Sports Council 45% from own incomes, costumers services.

Staff

own staff 50 high school teach. from Education Dept. 10 Medical Staff from Health Dept. 58 Coaches from Federations 35 General services subcontractors

OUR CUSTOMERS

200 Permanent Resident athletes 120

Permanent Non Resident athletes 30-50 On

camp athletes and coaches **Provided**

by National and International

Federations I.O.C., N.O.C.'s, Clubs and Spor

Associations Private Companies and Institution

for General Services and Research Projects



TRAINING

OUR sports

● Track and Field Men //
Women Artistic Gymnastics
Synchronised Swimming.
Taekwondo Water-Polo
Tennis Roller Hockey Field
Hockey

● Weight Lifting

● Swimming

● Volleyball

● Golf

● Modern Pentathlon

● Wrestling

● Car Races

● Table Tennis

● Motorcycling Beach Volleyball
Alpine skiing Fencing

● Trampoline Gymnastics

● Basketball

● track and Field (Paralympic)

● Swimming (Paralympic)

● Rhythmic Gymnastics

● Goal-ball (Paralympic)

● Table Tennis (Paralympic)

● Boxing

● Cycling

● Shooting

● Speed Skating

300 BZ LOCOM

8x100 C 4N c/i'20-4N c/i'25

24x25 PU EP PROC 1→6 c/30"

12x50 BZ PP 2C c/50" - 1EP c/55"

2x { 6x50 EP R200 c/50"
3x { 200 SUAVE

Education



Specialised Health Care and

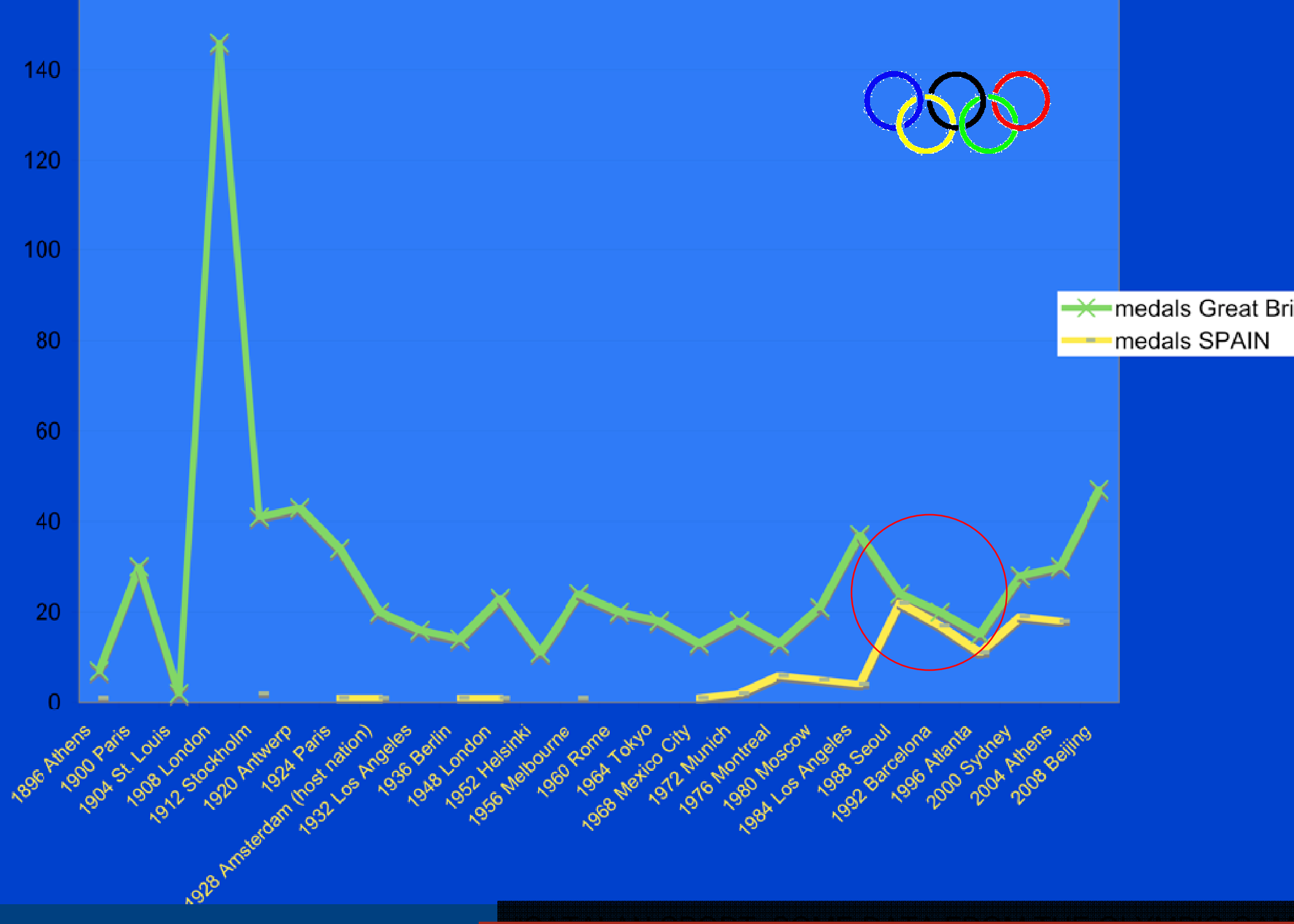
























research

“Catalan Sport: some data from the Olympic Games”



Guillermo Pérez Recio



NOC		<u>POPULATION</u> <u>(2010)</u>	Beijing 08	Athens 04	Sydney 00	Atlanta 96	Barcelona 92	TOTAL 1992-2008	MEDALS by INHABITANT S
Cuba		11.204.000	24	27	29	25	31	136	411.912
Australia		22.361.958	46	49	58	40	27	220	508.226
Hungary		10.013.628	11	17	17	21	30	96	521.543
Norway		4.883.500	9	6	10	7	7	39	626.090
Bulgaria		7.782.900	5	12	13	15	16	61	637.943
Netherlands		16.613.250	16	22	25	19	15	97	856.353
Sweden		9.354.462	5	7	12	8	12	44	1.063.007
Romania		21.466.174	8	19	26	20	14	87	1.233.688
Greece		11.306.183	4	16	13	8	2	43	1.314.672
Germany		81.757.600	41	49	57	65	82	294	1.390.435
Russia		141.927.297	73	92	89	63	112	429	1.654.164
South Korea		49.320.500	31	30	28	27	29	145	1.700.707
France		65.447.374	41	33	38	37	29	178	1.838.409
Canada		34.119.000	18	12	14	22	18	84	2.030.893
Italy		60.325.805	28	32	34	35	19	148	2.038.034
Great Britain		62.041.708	47	30	28	15	20	140	2.215.775
SPAIN		46.030.109	18	19	11	17	22	87	2.645.409
Poland		38.163.895	10	10	14	17	19	70	2.725.393
United States		309.366.000	110	102	97	101	108	518	2.986.158
Japan		127.390.000	26	37	18	14	22	117	5.444.017
Ethiopia		79.221.000	8	7	8	3	3	29	13.658.793
China		1.337.750.000	100	63	59	50	54	326	20.517.638

CATALUNYA



7.363.202

8,4

7,2

4,6

6,3

7,2

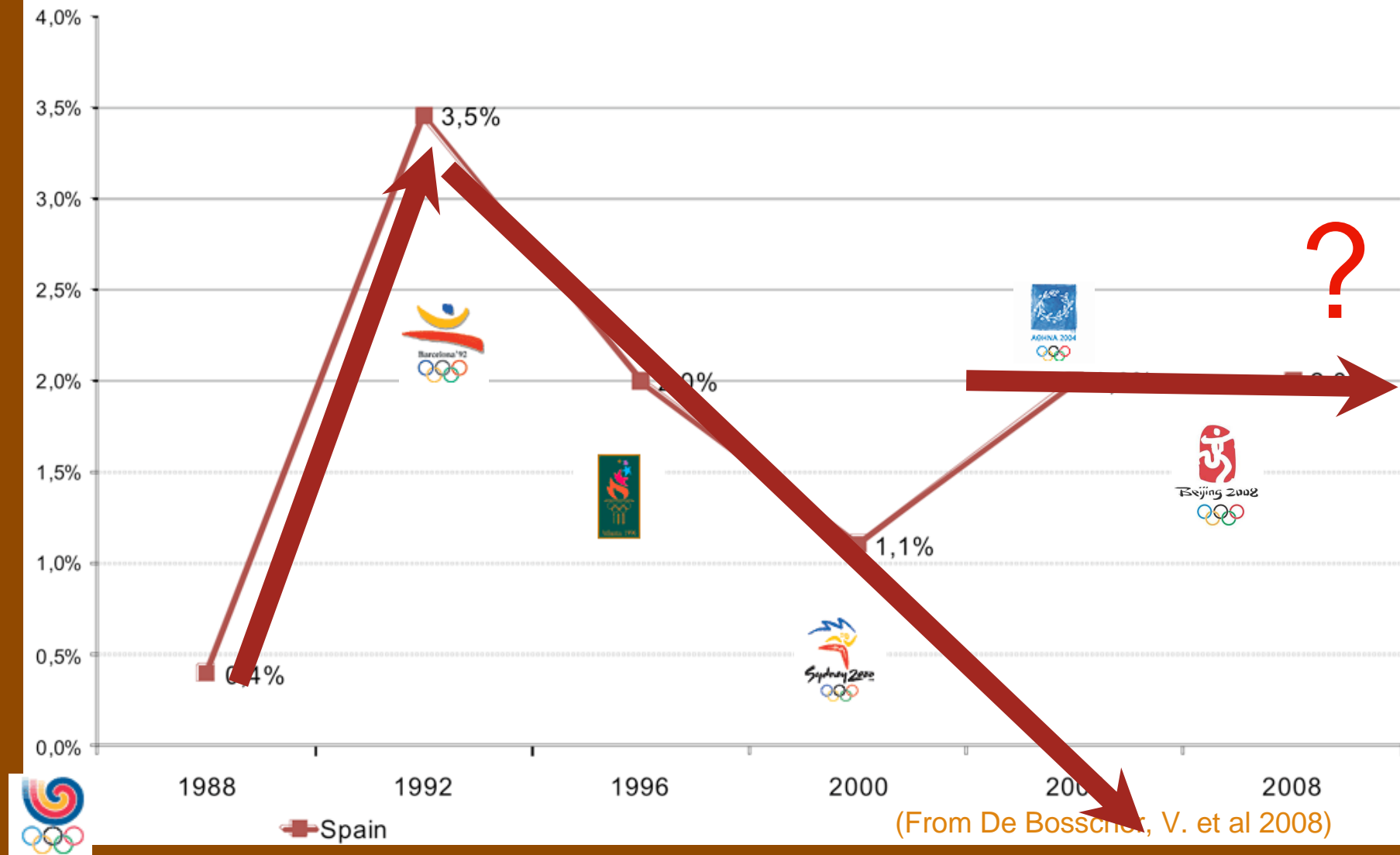
33,8

1.090.554



"Catalan Sports: some data from the Olympic Games"

SPAIN Change in market share 1988-2008 (Olympic Summer Games)



"Catalan Sport: some data from the Olympic Games"



16% population

Catalonia vs Spain: Participation and results in the Olympic Games

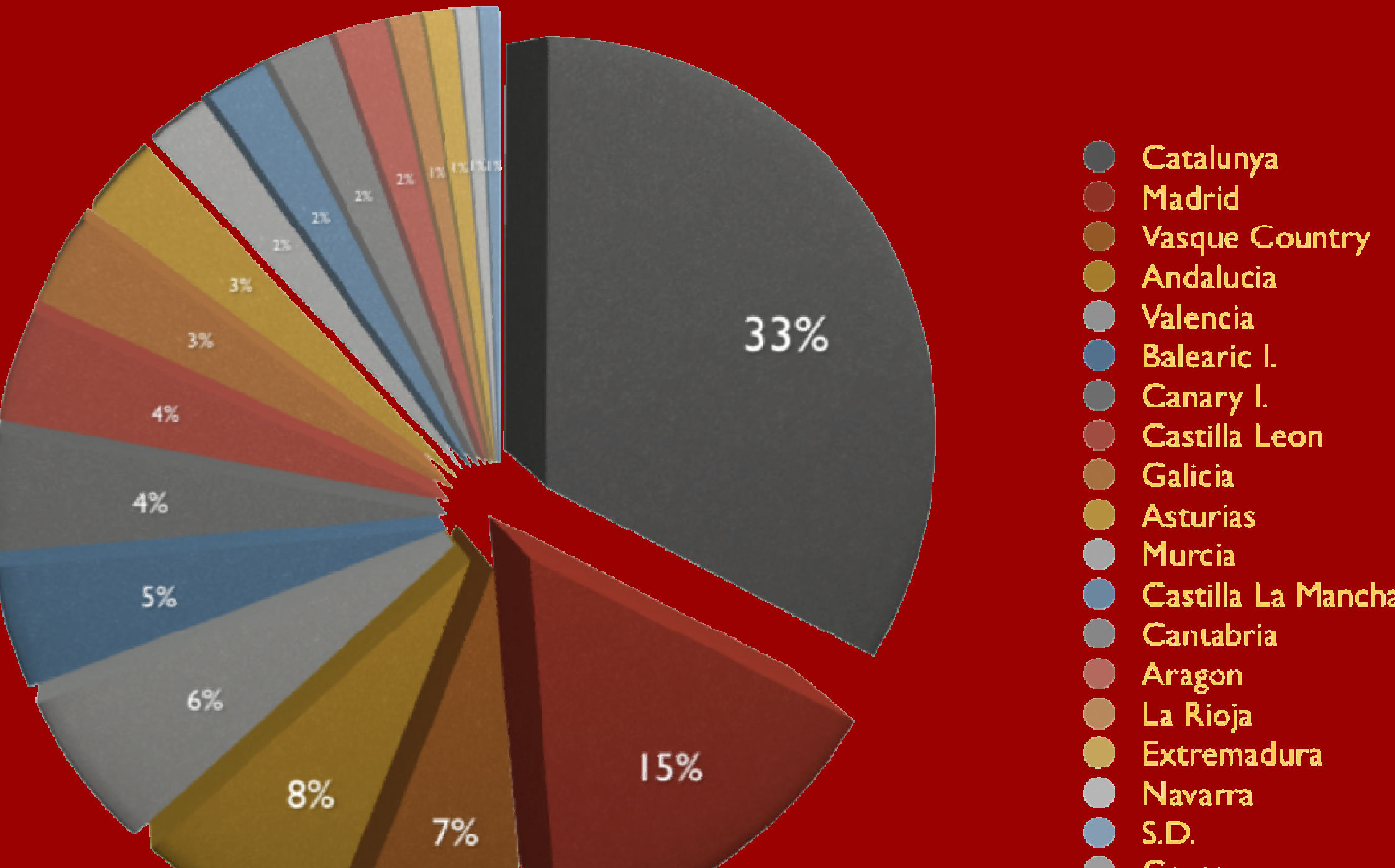
"Catalan Sport: some data from the Olympic Games"

II. Participation in Olympic Games

33% participation



II. Participation in Olympic Games

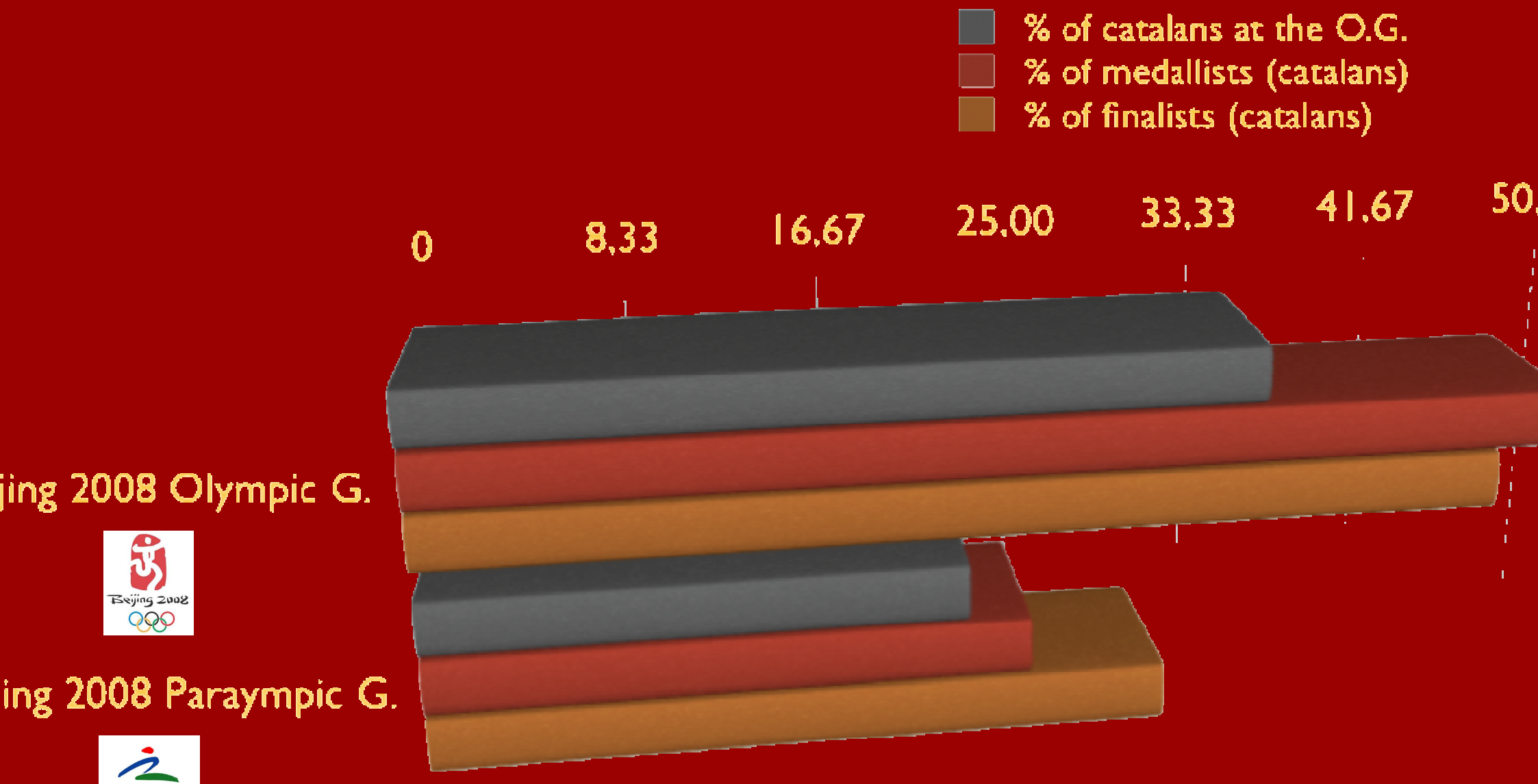


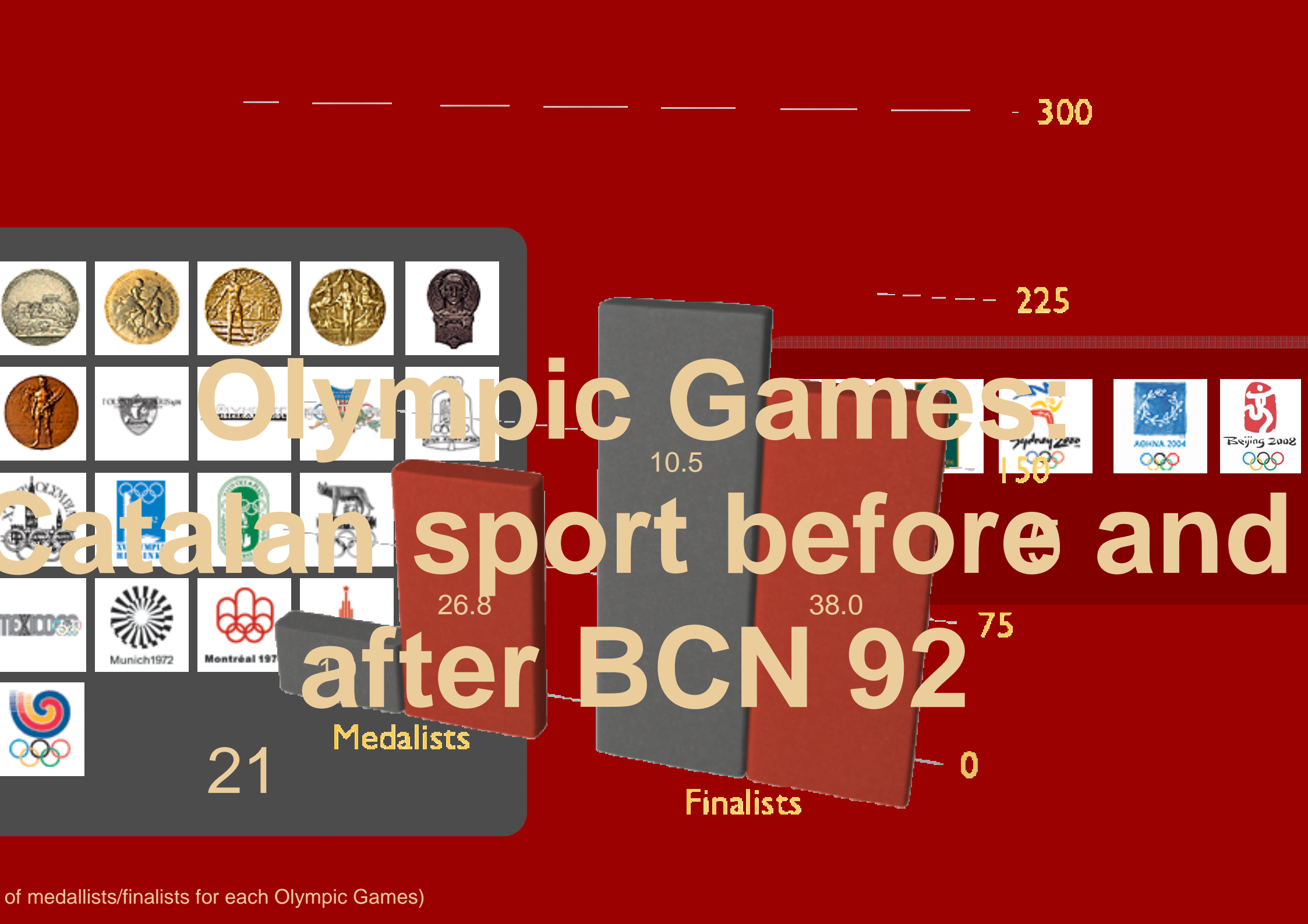
III. RESULTS IN Olympic Games

46,5% medallists



III. RESULTS IN Olympic Games





"Catalan Sport: some lessons we learned from the Olympic Games"

Guillermo Pérez Recio

BARCELONA DESIGNATION 92

RESOURCES (SOME DEGREE)

A SPORTING COUNTRY

work

KNOWLEDGE

INTELLIGENCE

DRIVE (specially coaches and athletes)

COMMITMENT (specially family and support structures)

INNOVATION ATTITUDE

++++MORE WORK

BARCELONA DESIGNATION 92

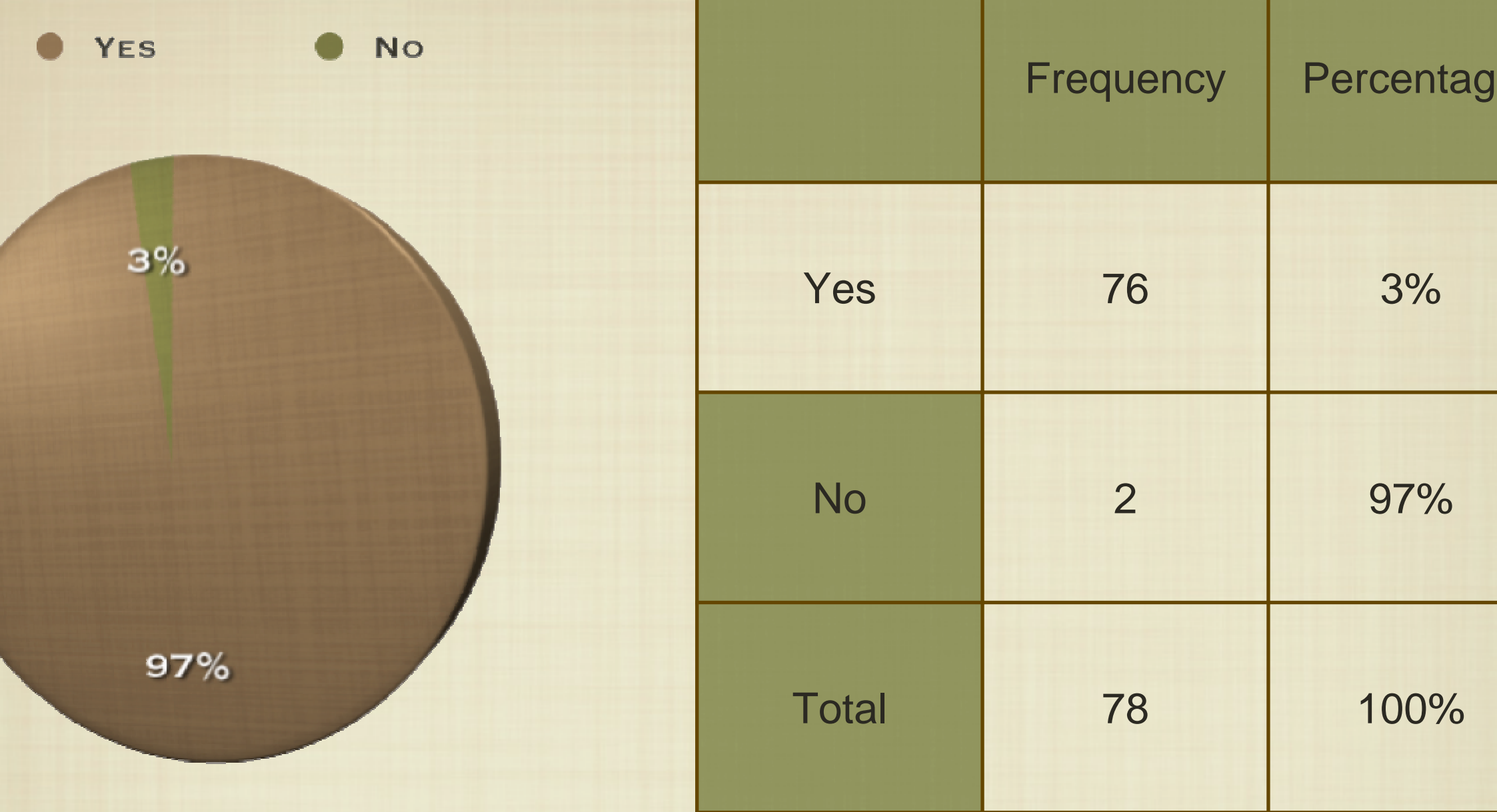
The case of Olympic Games hosting countries

Barcelona 92

China 04

...

even Greece

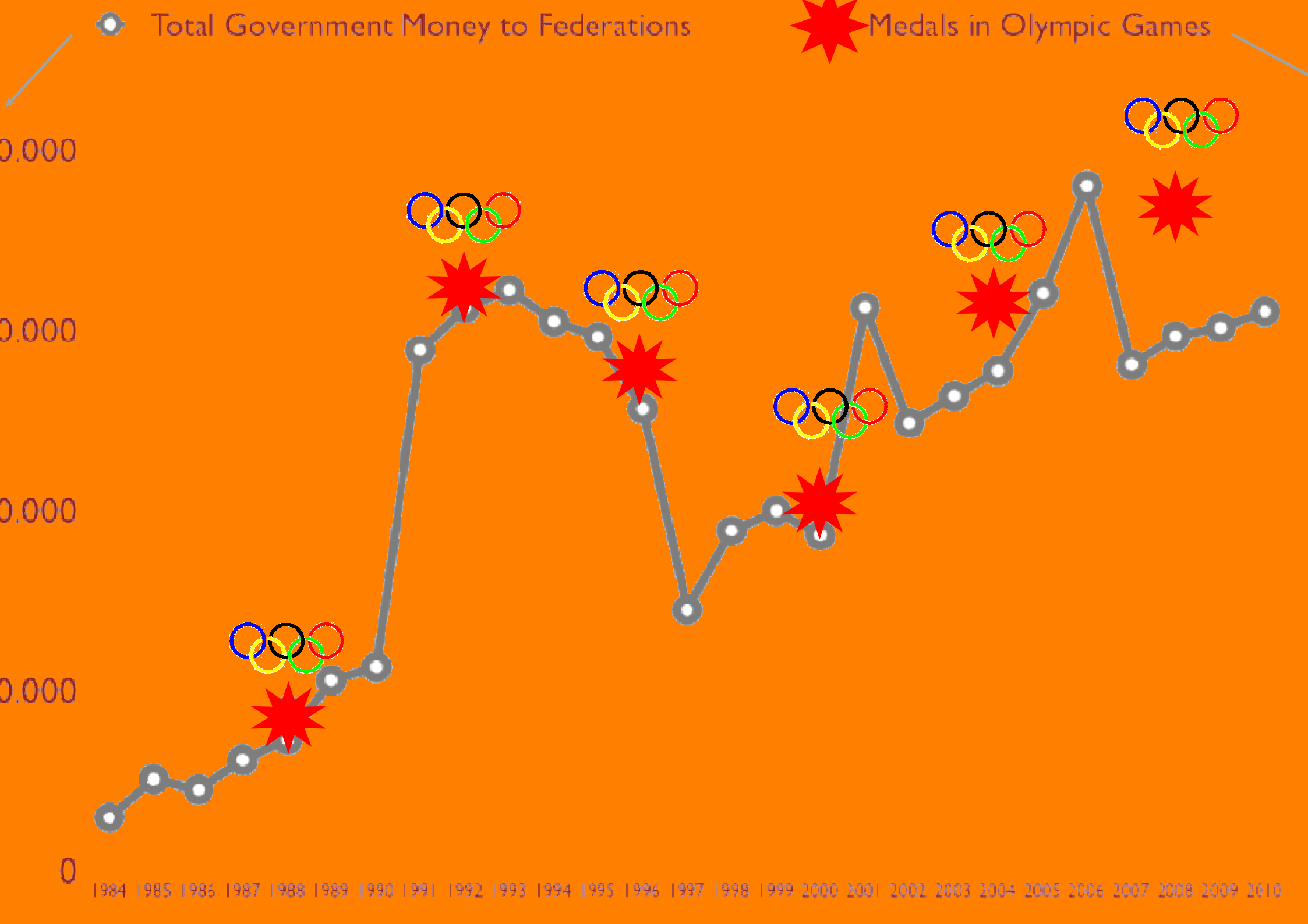


Perceived Importance of BCN 92 Olympic Games for Catalan Athletes with a Medal or Diploma in the last five

RESOURCES (SOME DEGREE)

A SPORTING COUNTRY

Catalonia Sports Budget
The case of Australia 1978
The case of the Netherlands



■ ALL STRUCTURE CLUBS

■ OTHER CLUBS

0

2.000

4.000

6.000

CATALONIA: A SPORTING COUNTRY

8.000

3.1 Frequency of participation in any physical activity

During the 12 months prior to interview In 2008:

- An estimated 13.8 million persons aged 15 years and over participated **at least once annually** in physical activity for exercise, recreation or sport, a **total participation rate** of 83.4% (Table 1).
- An estimated 11.9 million persons aged 15 years and over participated **at least once per week**¹ in physical activity for exercise, recreation or sport, a **weekly participation rate** of 71.5% (Figure 1 and Table 4).
- An estimated 8.2 million persons aged 15 years and over participated three times a week or more, a **regular participation rate** of 49.3%.
- An estimated 2.8 million persons aged 15 years and over did not participate in any physical activity for exercise, recreation or sport in the 12 months prior to interview in 2008, a **non-participation rate** of 16.6% (Table 3).

Figure 1: Frequency of participation in any physical activity, 2008

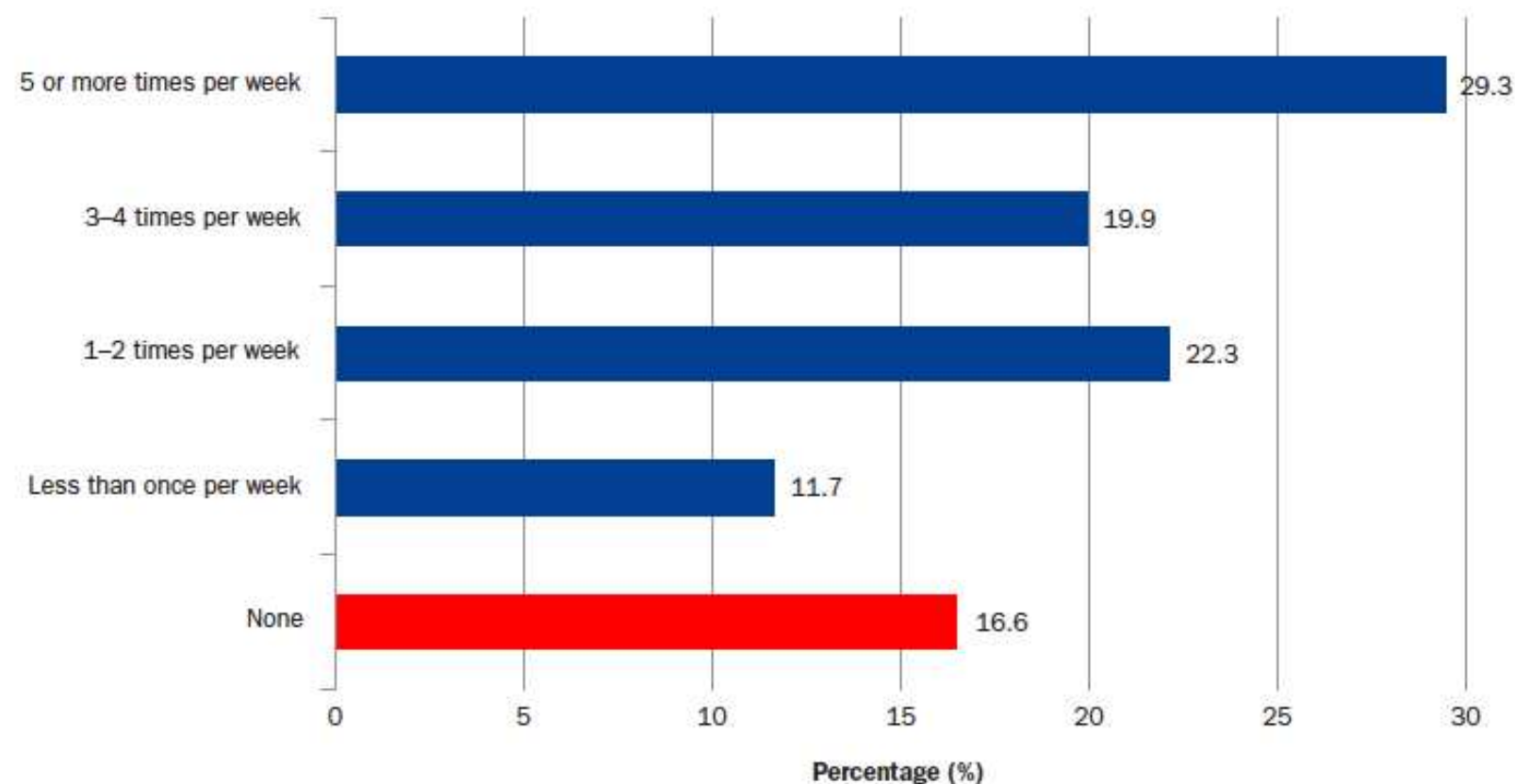
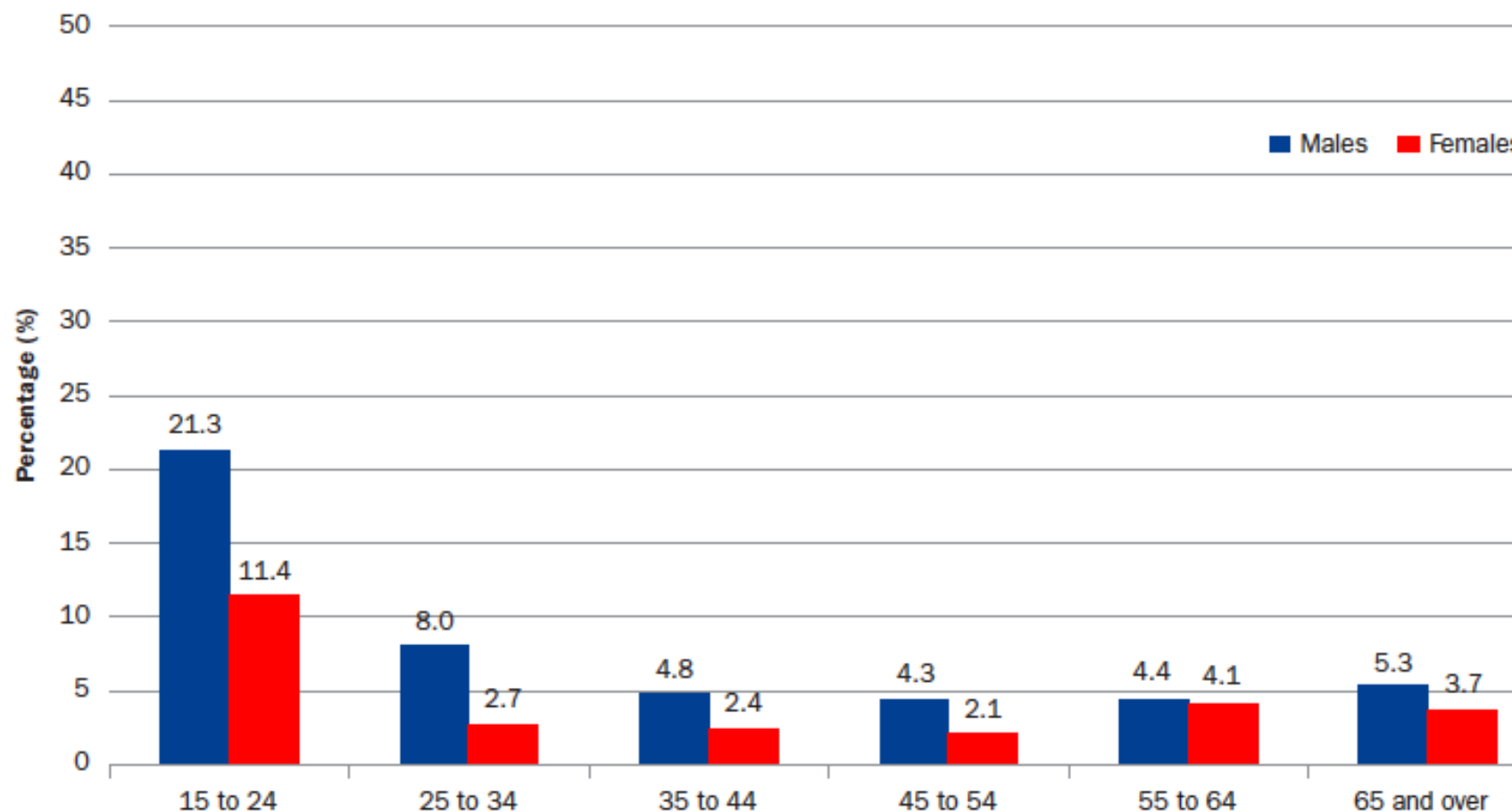
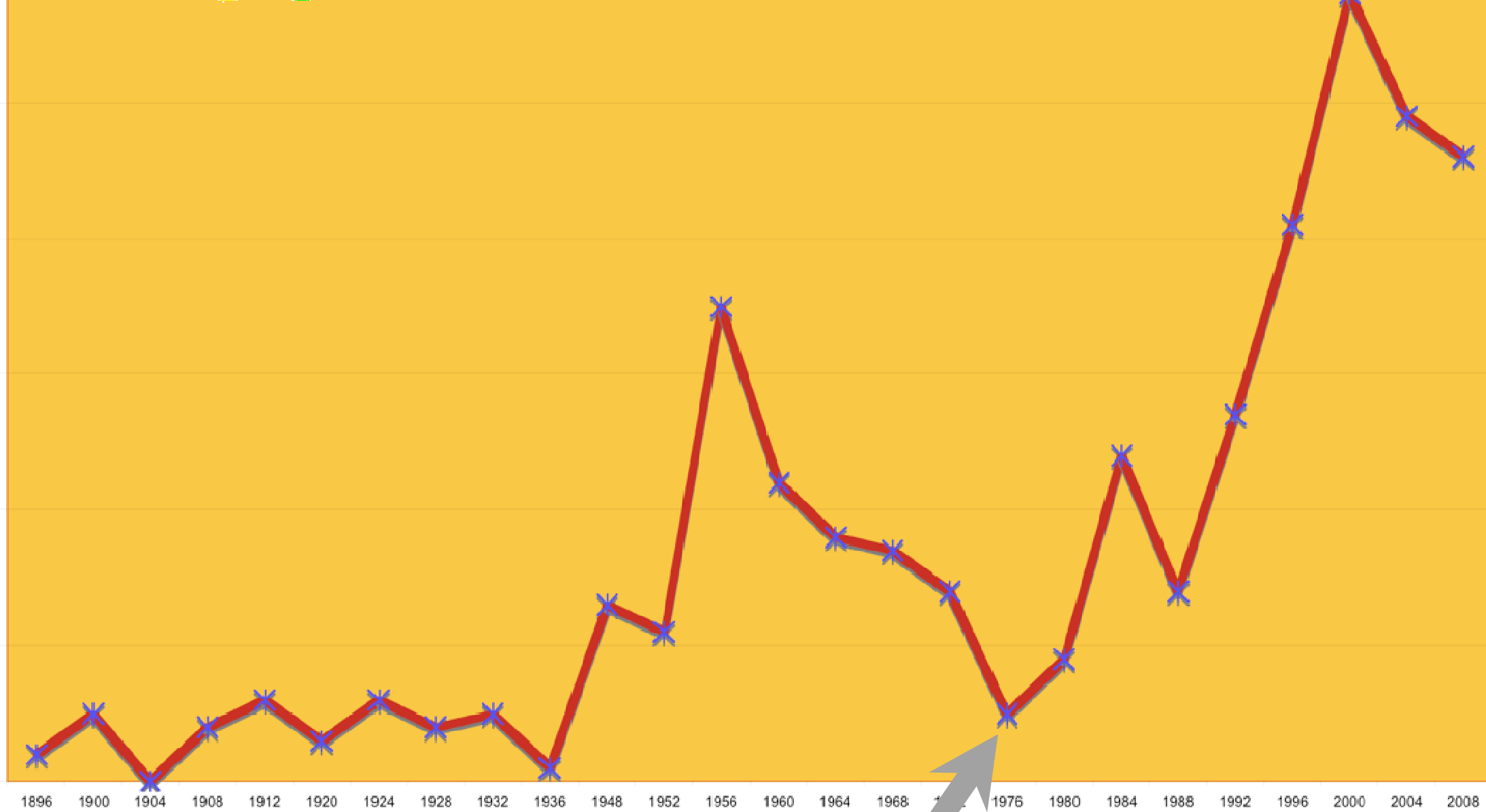
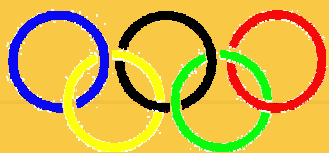


Figure 27: Regular participation in club-based physical activity by age and sex, 2008



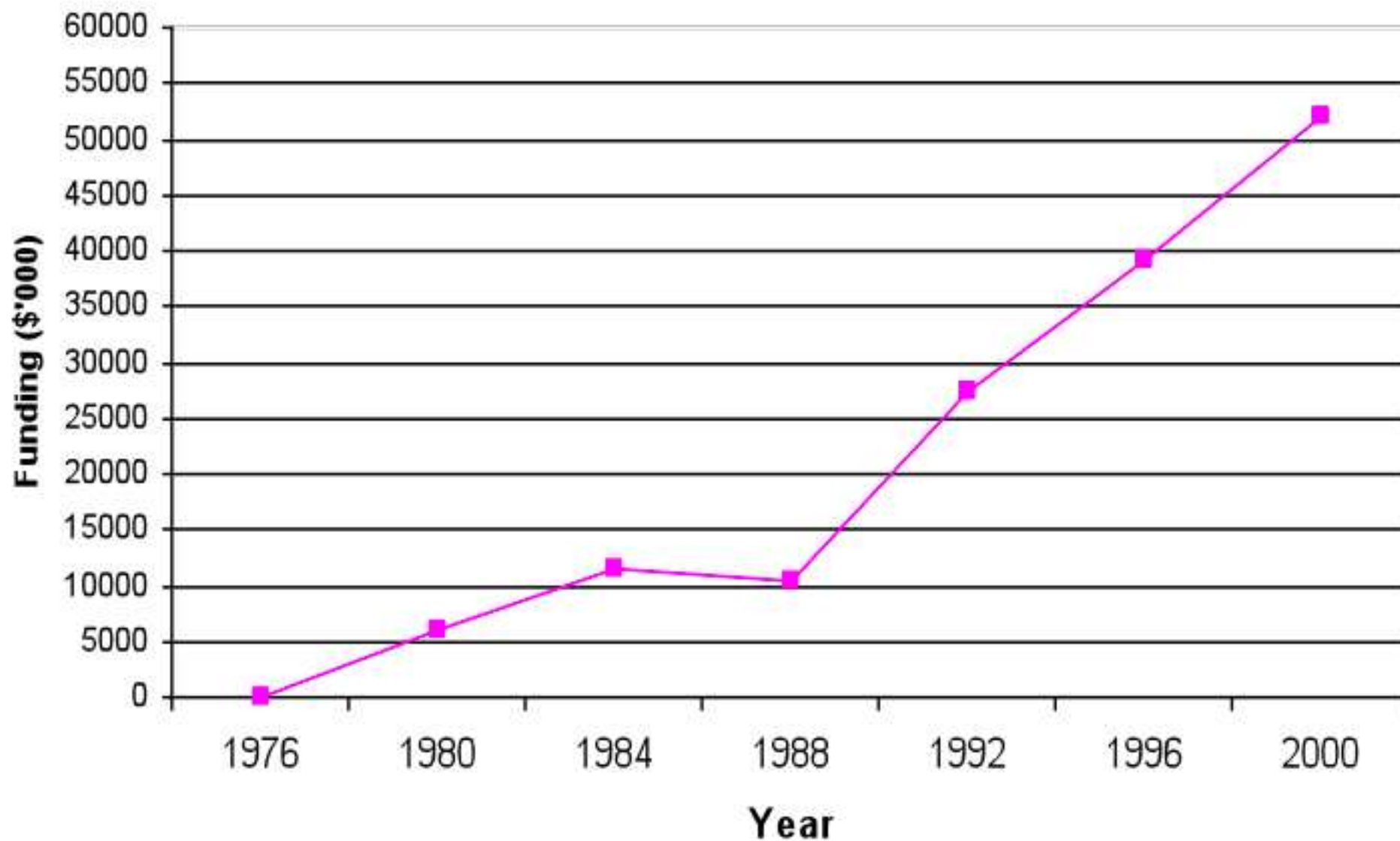
Base: All persons aged 15 years and over (n=17,293)

Note: Aerobics/fitness participants who said their activity had been organised by a sport or recreation club or association have been excluded from this analysis. Aerobics/fitness includes calisthenics, Chinese exercise, exercise bike, gymnasium workouts, military exercise, Prime Movers, Step Reebok, treadmill and other aerobics/exercising/physiotherapy.



Australia medals

1976 to 2000

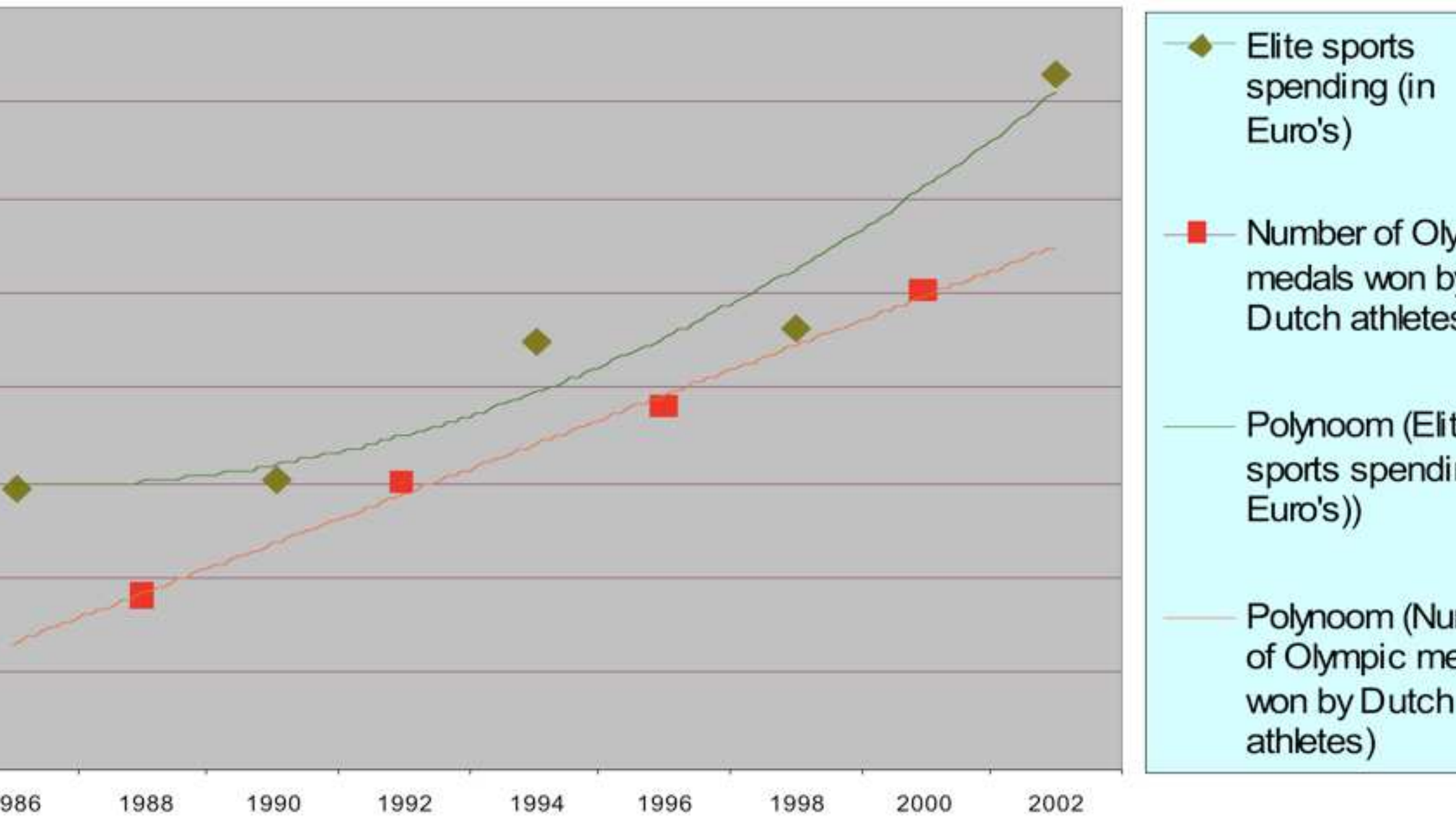


FROM: "Australia from Montreal to Sydney - A History of a Change in Model"

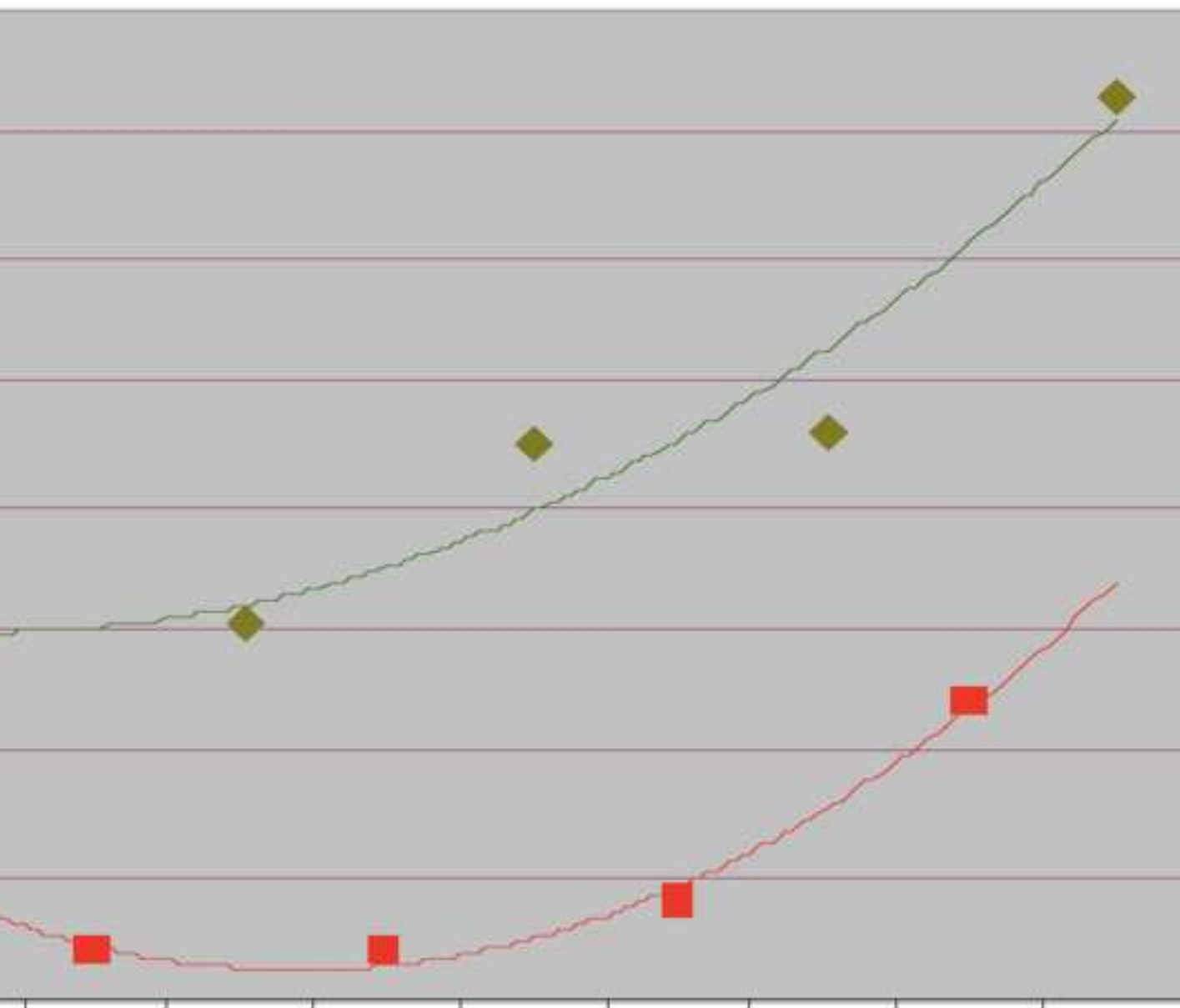
Dr Frank Pyke & Mr Ken Norris 2nd International Forum on Elite Sport, 2001

Australia Funding

Elite sports spending in the Netherlands and Olympic medals won by Dutch athletes, 1988-2002

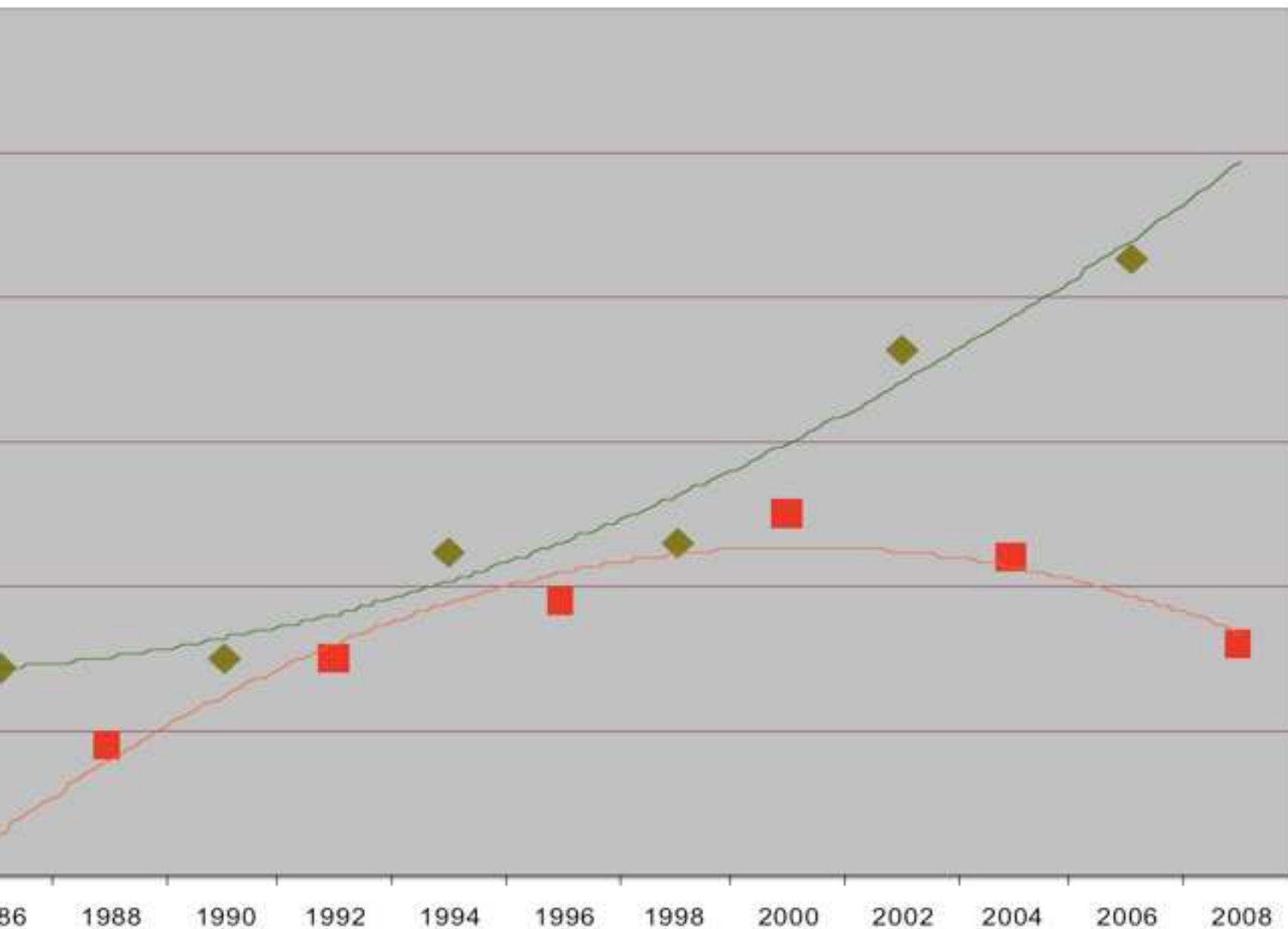


Elite sports spending in the Netherlands and Olympic gold medals won by Dutch athletes, 1988-2002



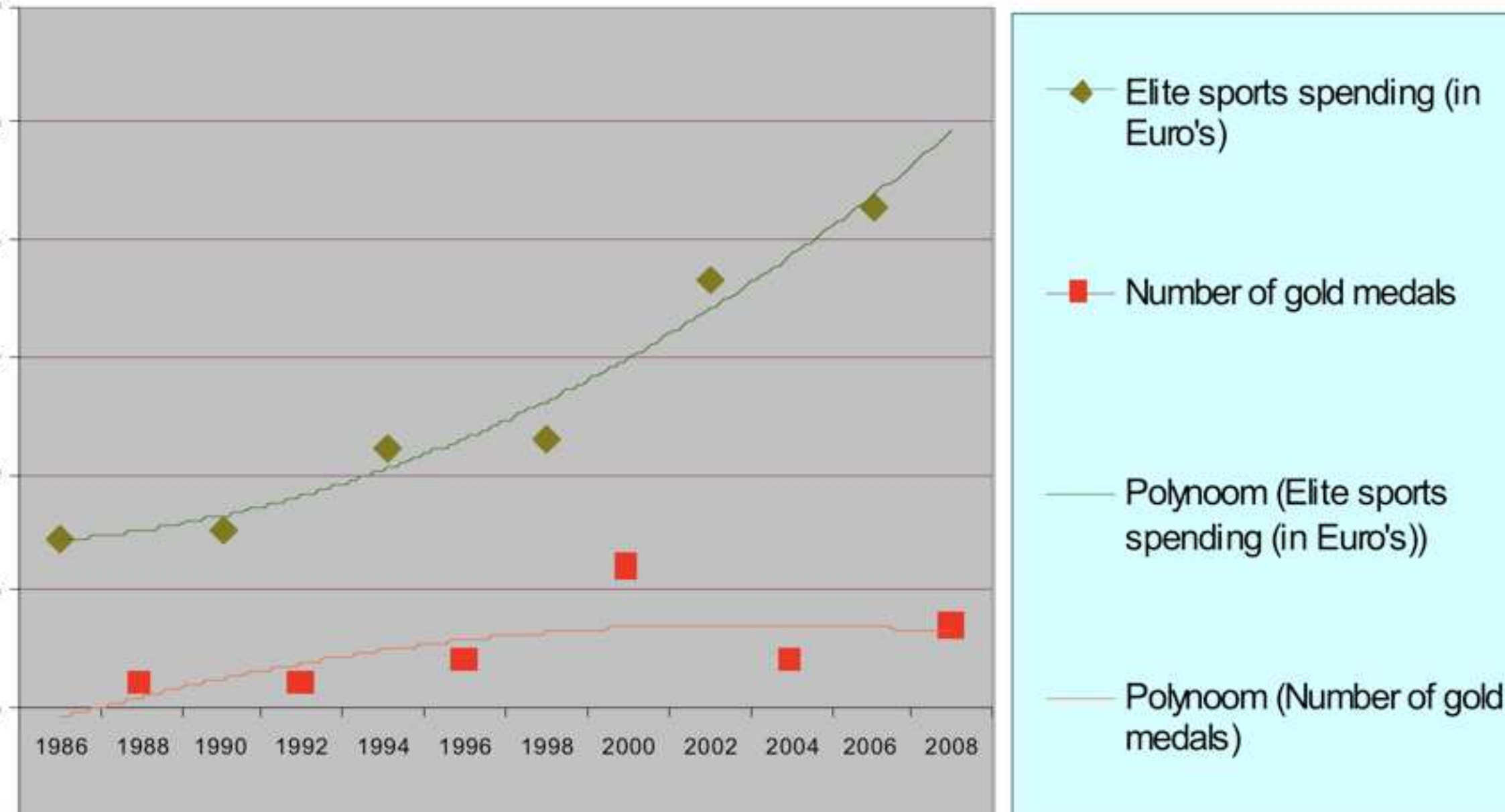
- ◆ Elite sports spending (in Euro's)
- Number of gold medals
- Polynoom (Elite sports spending (in Euro's))
- Polynoom (Number of gold medals)

Elite sports spending in the Netherlands and Olympic medals won by Dutch athletes, 1988-2008

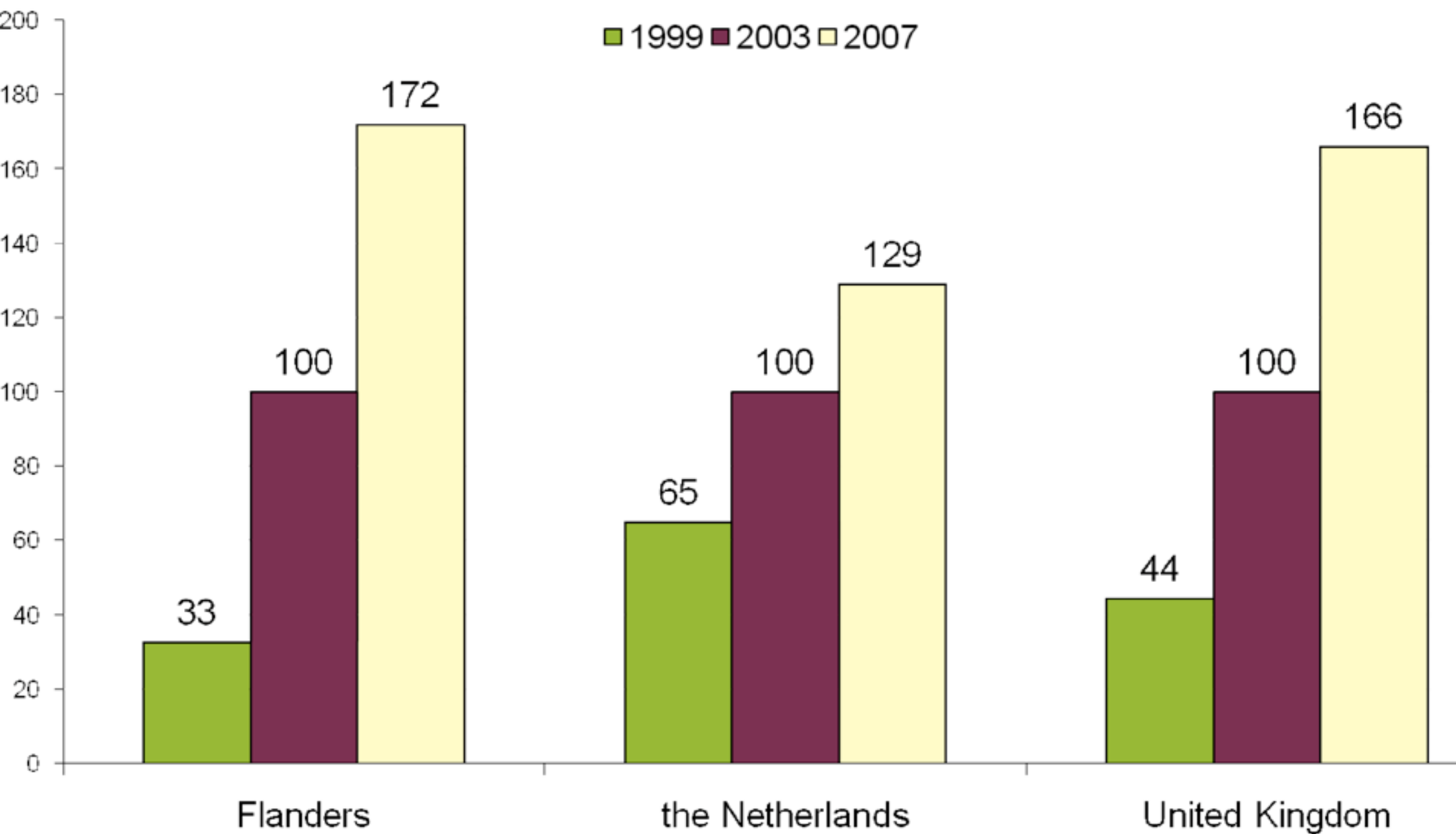


- ◆ Elite sports spending (in Euro's)
- Number of Olympic medals won by Dutch athletes
- Polynoom (Elite sports spending (in Euro's))
- Polynoom (Number of Olympic medals won by Dutch athletes)

Elite sports spending in the Netherlands and Olympic gold medals won by Dutch athletes, 1988-2008



Change in national expenditure on elite sport 1999-2007



Change in market share 2000-2008 (Olympic Summer Games)

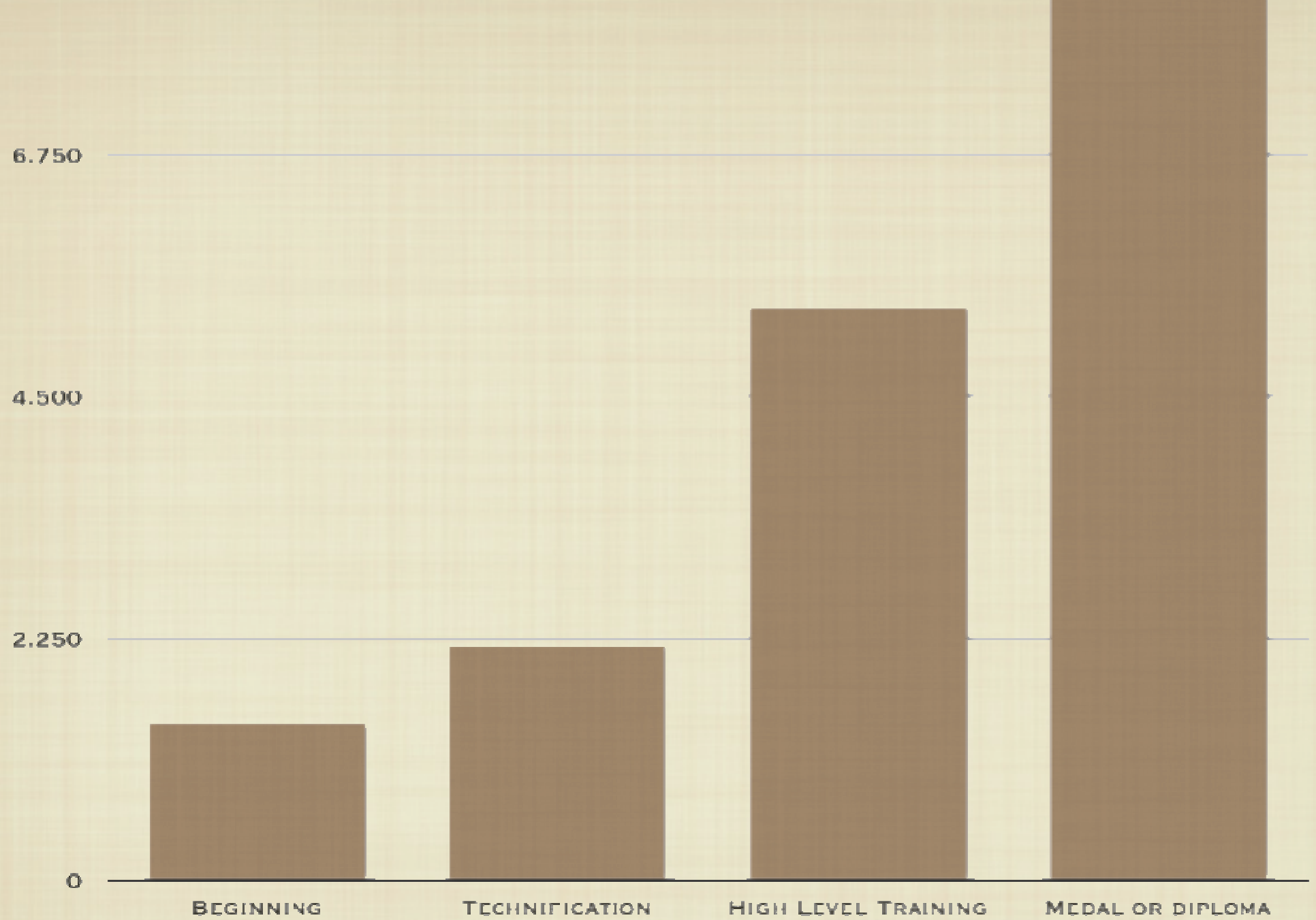
■ Sydney (2000) ■ Athens (2004) ■ Beijing (2008)



work

“INDISPENSABLE” CONDITIONS

++++**MORE WORK**



*Total amount of training hours in each stage in the way to arrive
to an Olympic medal or Diploma*

- TECHNIFICATION
- SPORT ELECTION
- BEGINNERS

*Years of training until the
achievement of
International High Level
come*



KNOWLEDGE

INTELLIGENCE

“INDISPENSABLE” CONDITIONS

4 different paths to international high level sport

Path 1: traditional

Quantity makes Quality



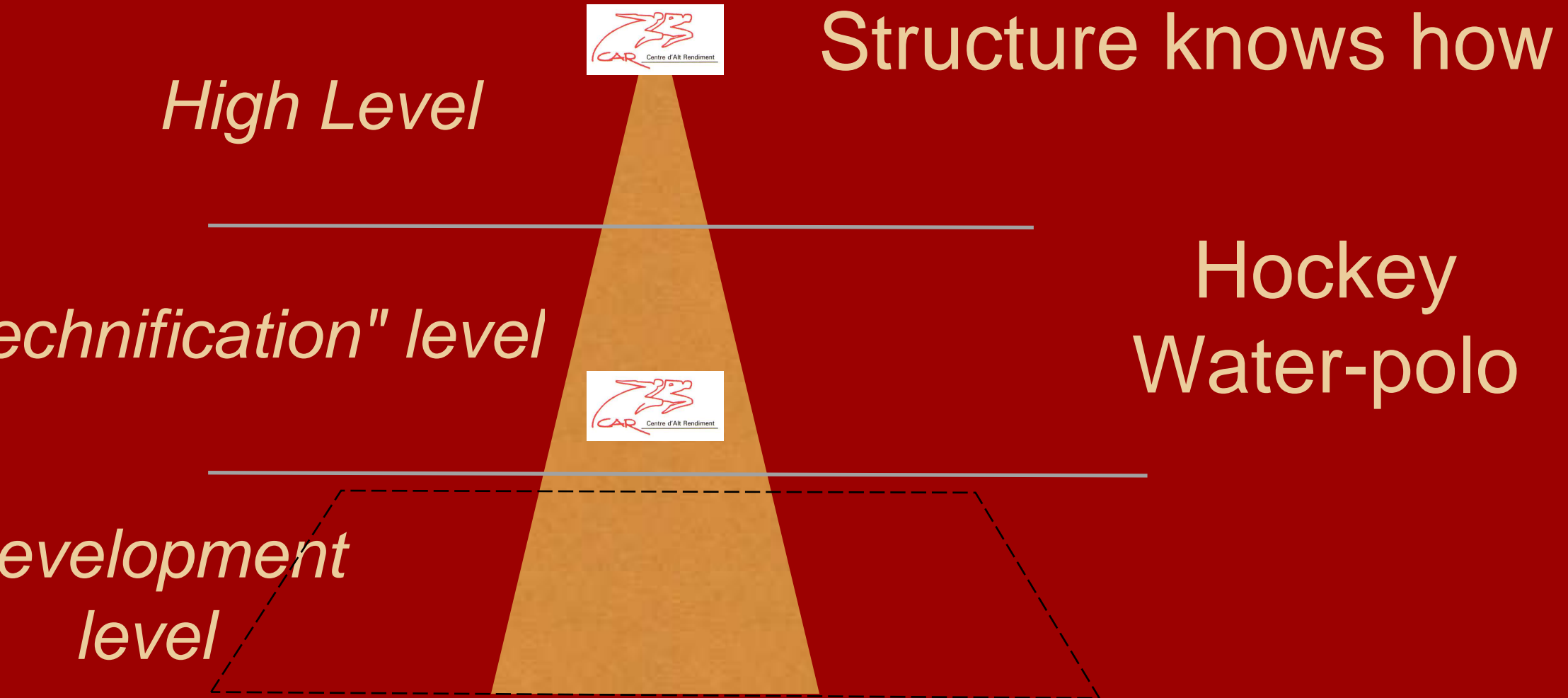
High Level

"Technification" level

Development level

Soccer
Basketball
Handball

Path 2: knowledge



Path 3: the tube

High Level



Coaches drive + knowledge
individual care

"Specialisation" level



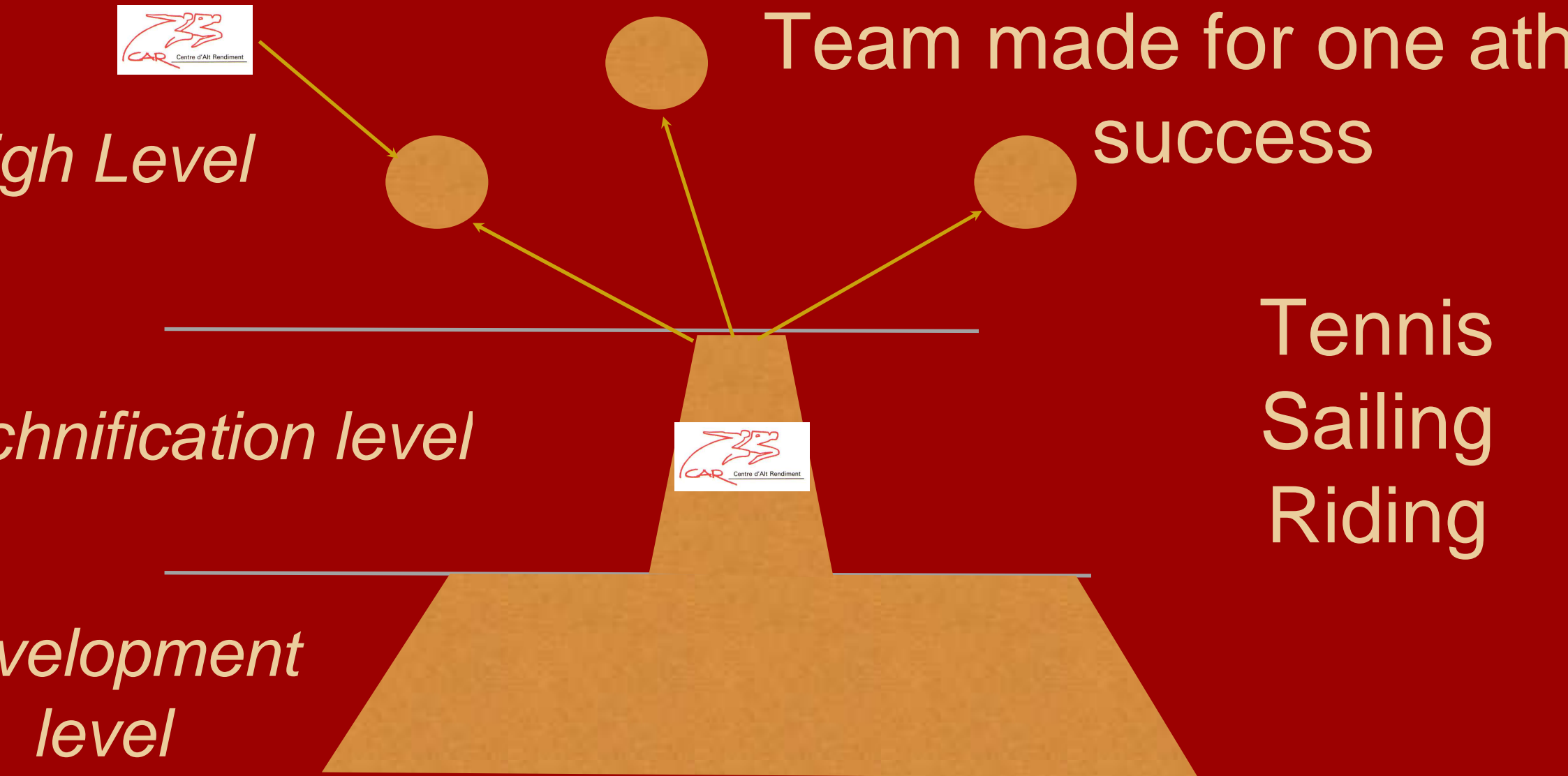
Synchronised Swimming
Gymnastics

*Development
level*

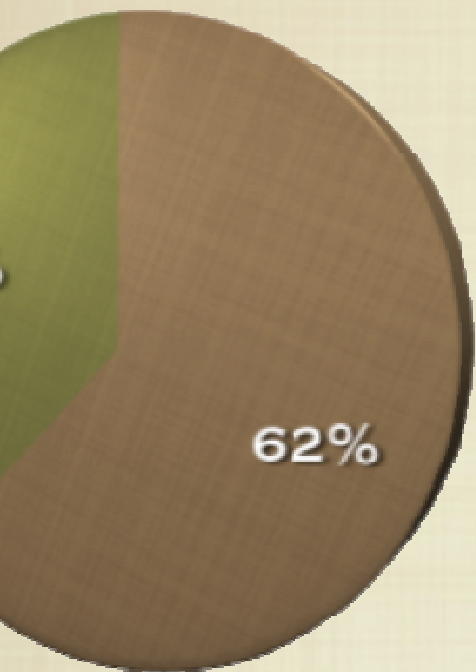


Guillermo Pérez Recio

Path 4: informal

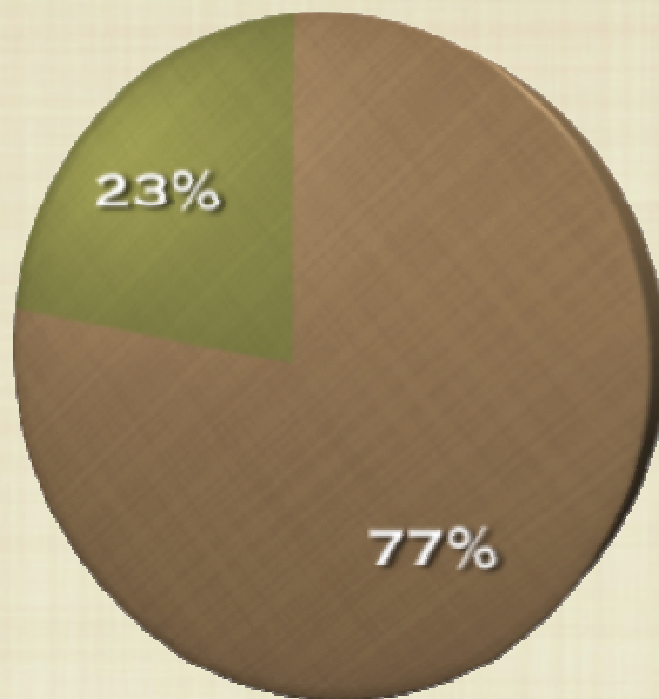


● Sí ● No



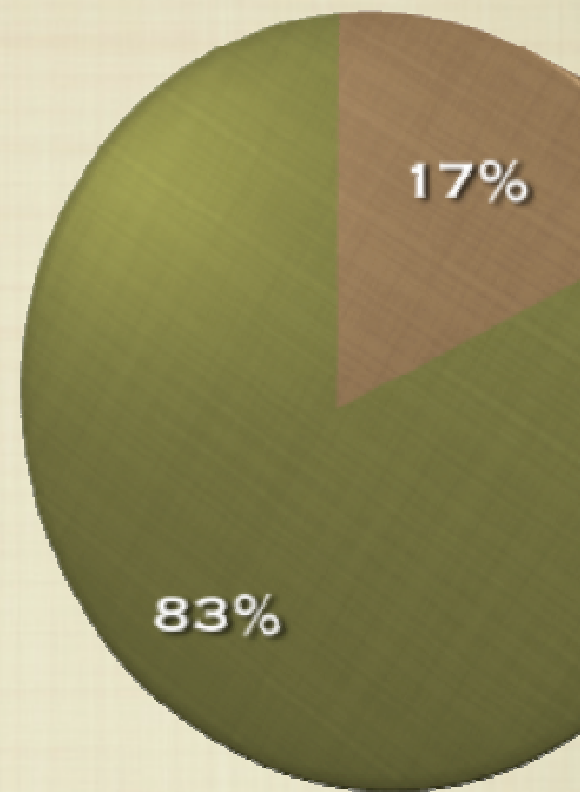
*Olympic Training
Centre (CAR)
IMPORTANCE*

● Sí ● No



*Club
IMPORTANCE*

● Sí ● No



*“Informal”
Structure
IMPORTANCE*

DRIVE

(specially coaches and athletes)

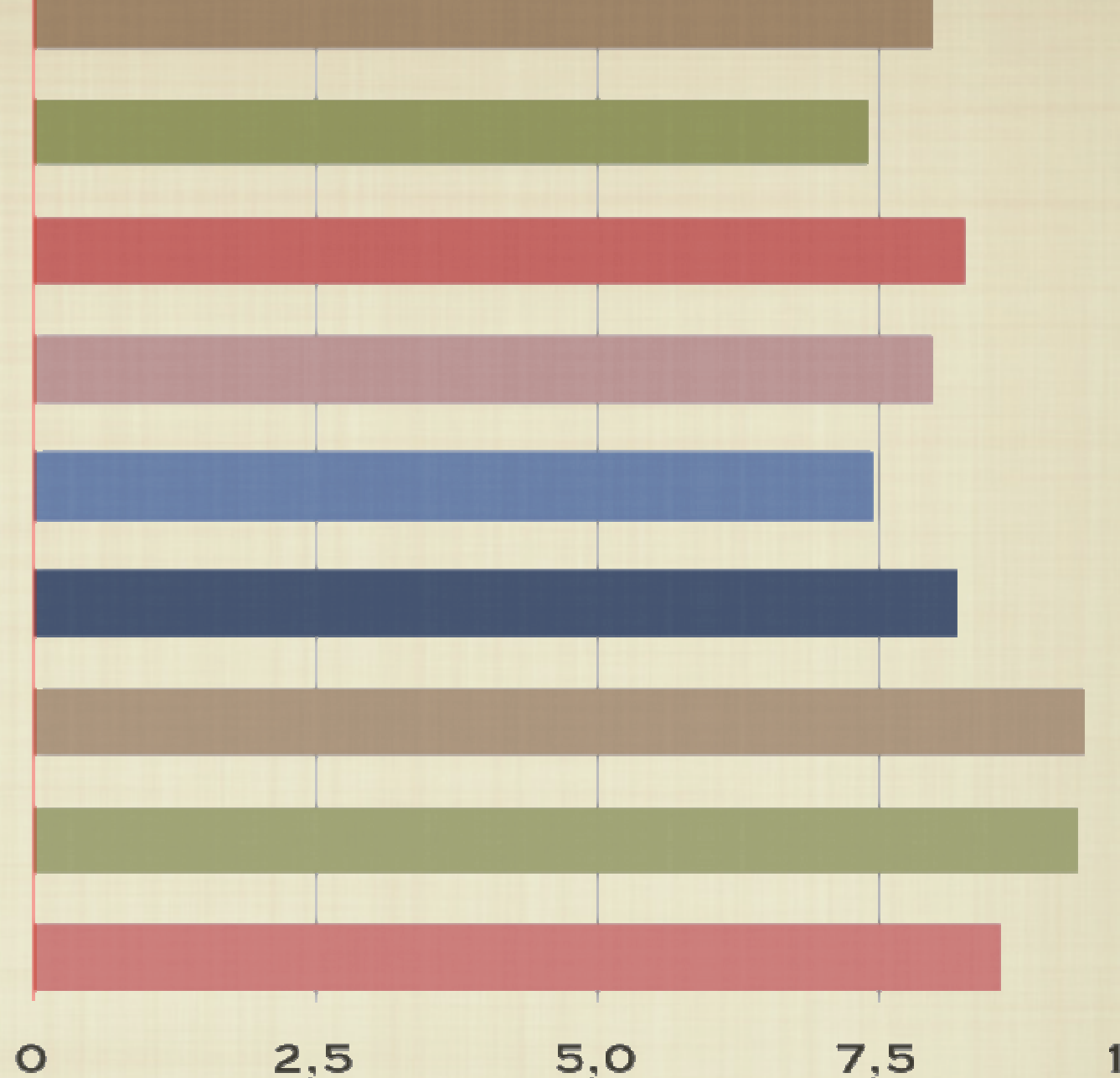


“INDISPENSABLES” CONDITIONS COMMITMENT

(specially family and support structures)

FACTORS IN SPORT PERFORMANCE

- PHYSICAL QUALITIES
- TECHNICAL FACILITY
- TACTICAL FACILITY
- COACHES
- STRUCTURE
- FAMILY SUPPORT
- MOTIVATION
- WORK
- PSCYCHOLOGICAL



“INDISPENSABLES” CONDITIONS

INNOVATION ATTITUDE

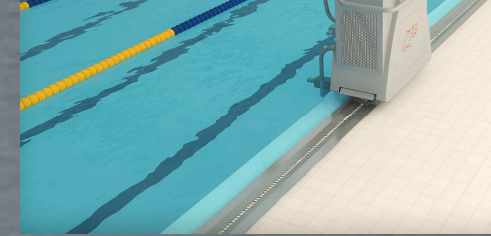


24.404 squared meters

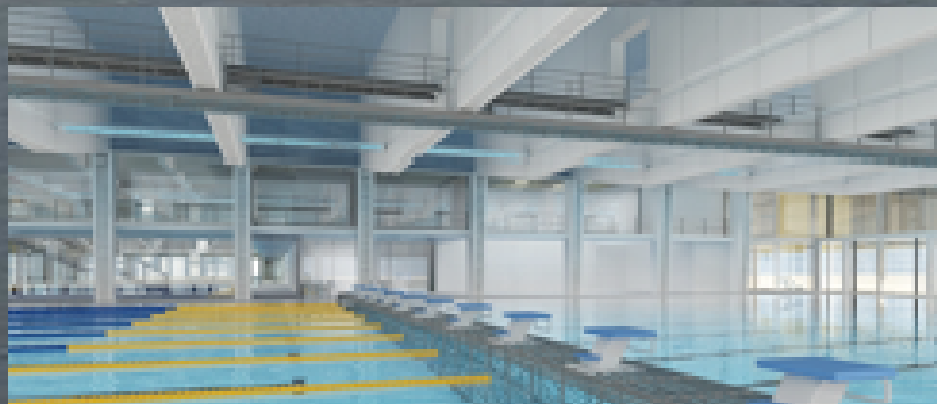
36.338.996,89 € (building)

6.000.000,00 (Technology and equipment)

3 swimming pools, Men and women artistic gymnastics, trampoline, table tennis, wrestling, judo, taekwondo, weightlifting, 900 sm. for muscle conditioning, hydrotherapy and recovery.



Aims of the Multi-Sport Venue To offer coaches and sport technicians a state-of-the-art venue with world reference functionalities and useful technology.





“Catalan Sport: some lessons
we **didn't** learn from the
Olympic Games”

Results.

Concentrate the effort in sports with sound (intelligent) programs.

More effort in looking for new strategies in sports with modest or low results.

Study the impact of high level sport outcomes in the general population practice and in social climate.

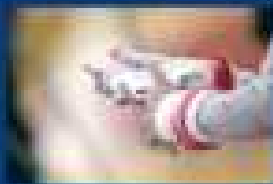
Coordinate even more all the policies and programs between Government, Federations, Clubs and Centres in order to be more effective.



THANK YOU!!

Guillermo Pérez Recio
CAR - High Performance Center
gprecio@car.edu

“Factors determining international sporting success”



SPLISS

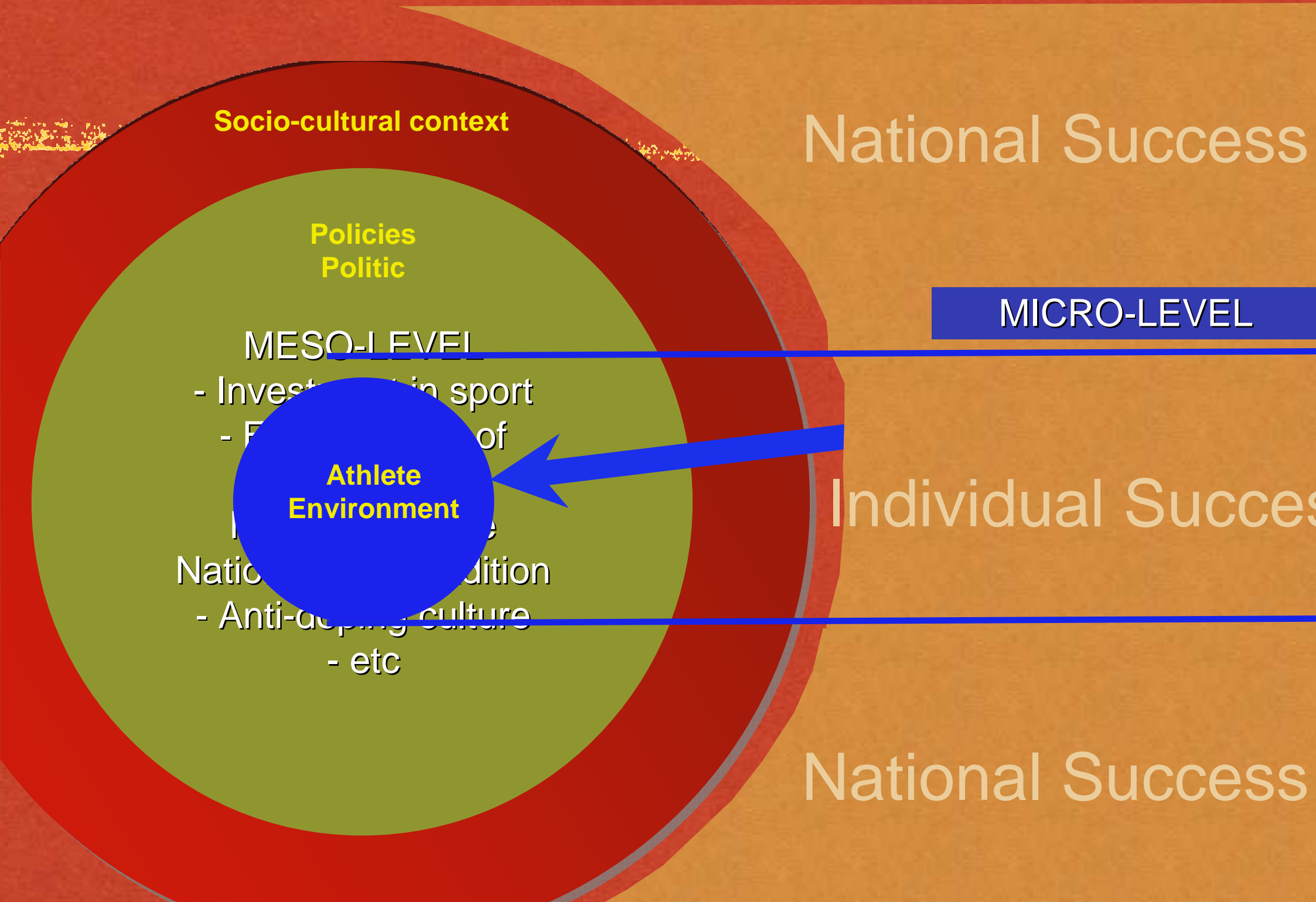
Veerie De Bosscher · Jerry Bingham
Simon Shibli · Maarten van Bottenburg
Paul De Knop

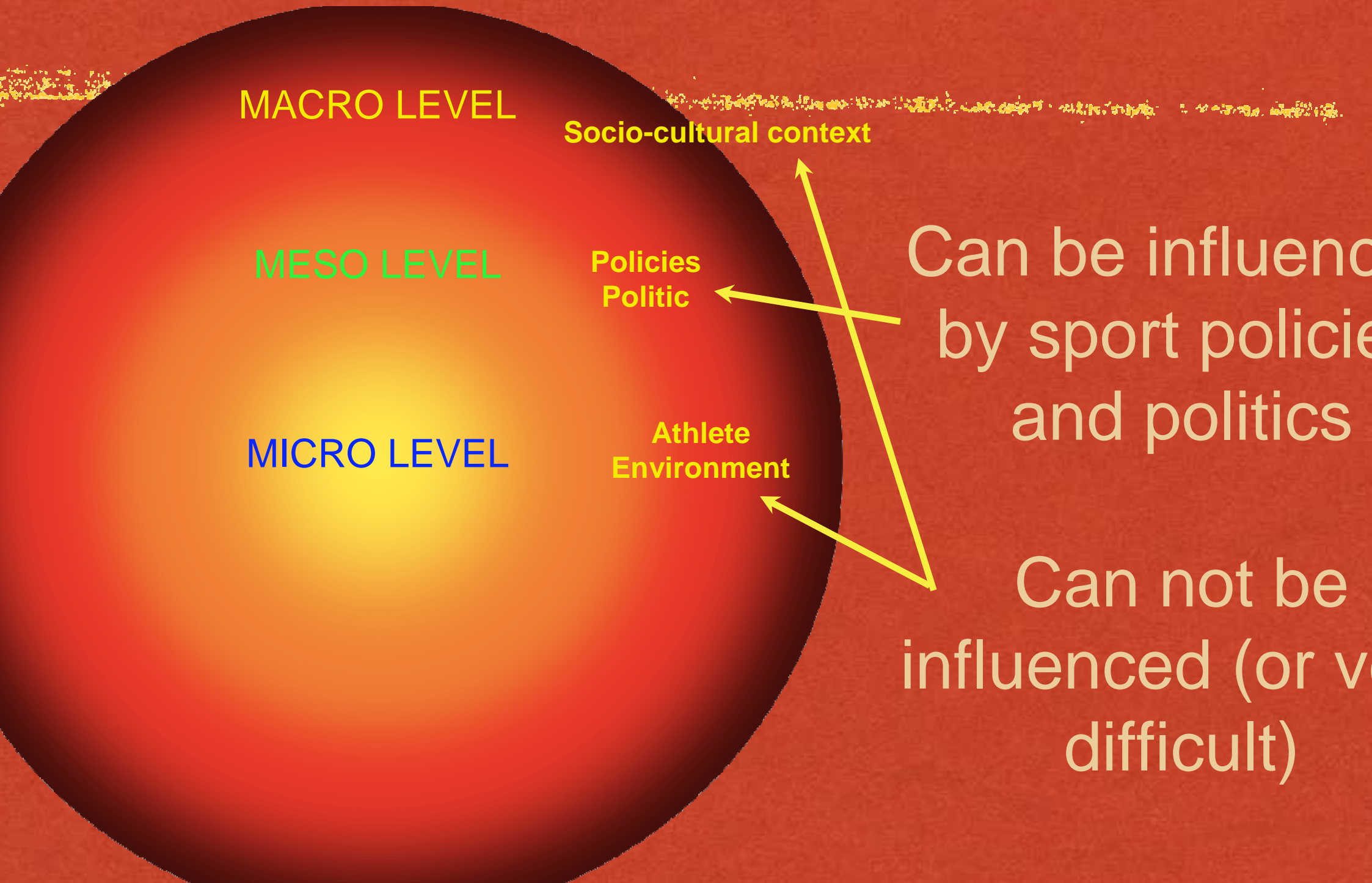
The Global Sporting Arms Race

An International
Comparative Study on

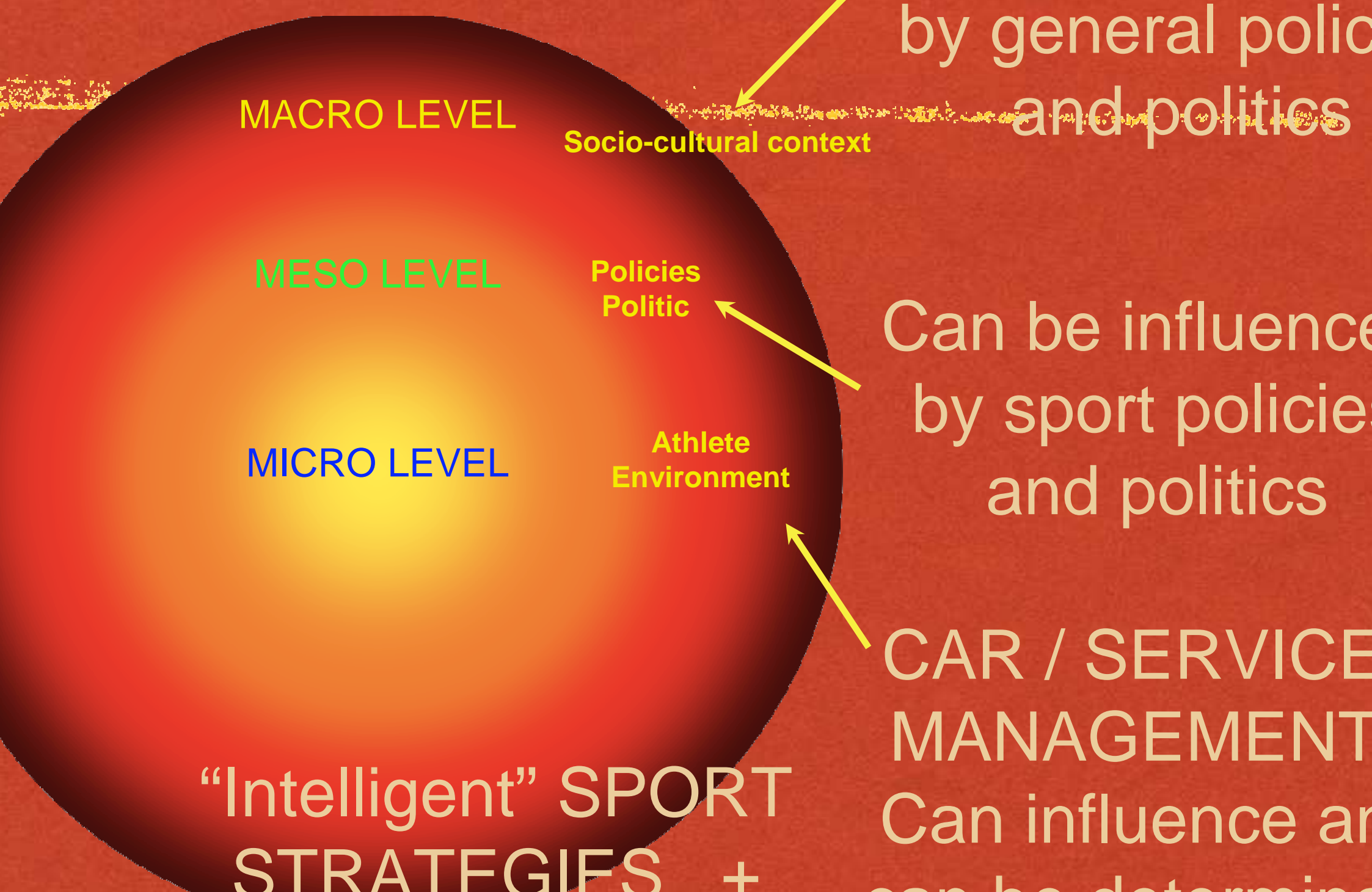
**Sports
Policy Factors
Leading to
International
Sporting
Success**

MEYER
& MEYER
SPORT





OUR PROPOSAL)



MARES project (Muscle atrophy research and exercise system)

1, the 5th: Launch Space Shuttle STS- 101

kg

000 Different mechanical pieces

: 13 millions €

Research areas that could be supported: will be used for
 on musculoskeletal, biomechanics, and
 muscular human physiology to better understand the
 of microgravity on the muscular system.

