

Adding more variables to the theory of doping



- Simple rational choice model
- Historical institutionalism
- Implications for policy approach

Picture by LG, addictedtobicycles.blogspot.com

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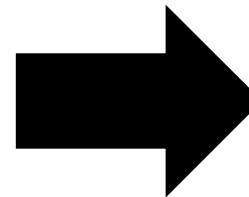
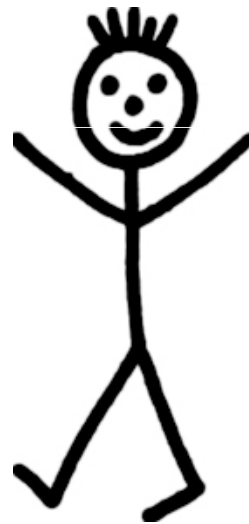
Simple Rational Choice Theory

Assumption

Exogene given preference:

Maximize benefits

(Victory + Money + Fame)



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EPO facts

Ergometer time to exhaustion – endurance 20-30 min
- WATT output fixed at Sub Max level (80%)

After Controlled EPO injections

When WATT output is set at the same level
Ergometer time to exhaustion improves by <54 %

Lundby et al 2007: Prolonged administration of recombinant human erythropoietin increases submaximal performance more than maximal aerobic capacity. European journal of applied physiology 2007;101(4):481-6.

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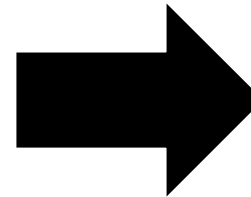
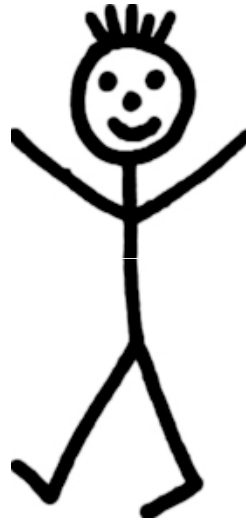
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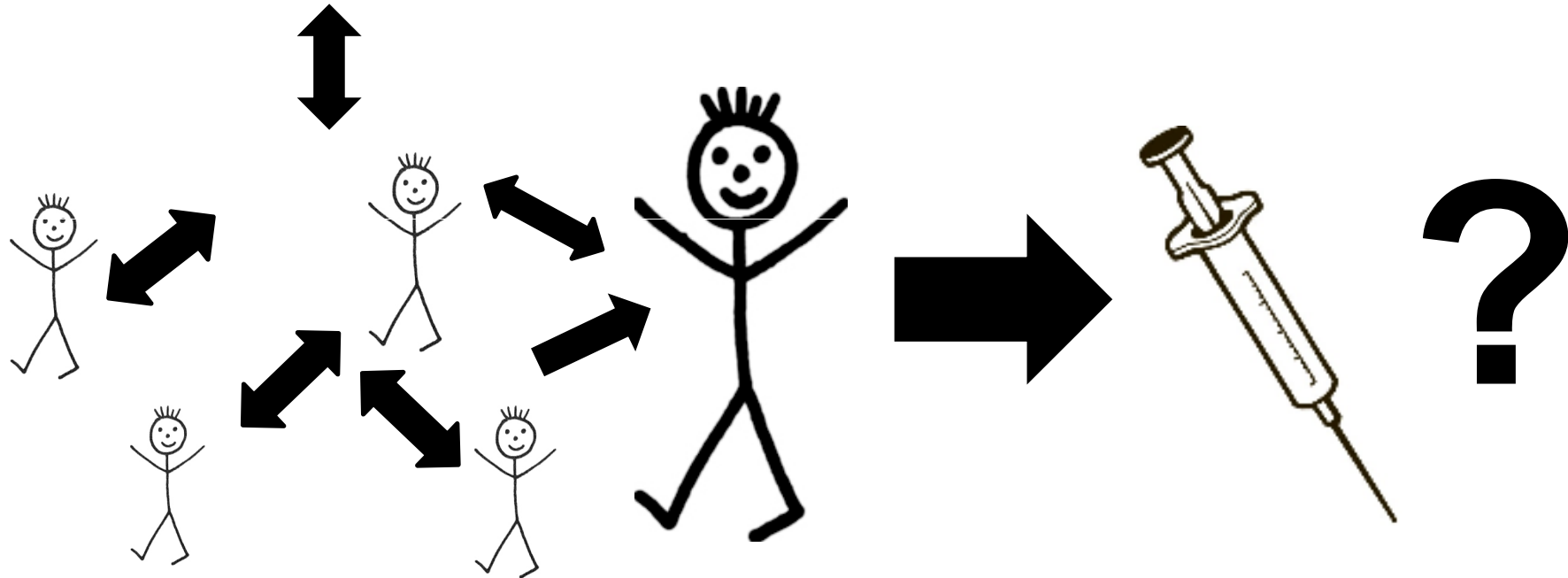


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Institutionalist Theory

Athletes' preferences created within the institution

Federation, WADA, PRESS, FANS



Necessary variables

A moral in favour of doping practices
Knowledge about how to practice doping

Institutions create or socially
construct the actors' identities,
belongings, definitions of reality
and shared meanings

(Rothstein 1996:147)

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Implications for the policy approach

- 1. Control + punishment**
- 2. Information** (awareness of institutional reality - fighting trends, not persons)
- 3. Changing incentive structures – Funding + Legitimacy**
 - Social
 - Economic

Institutional reform

Workers rights / limits on riders

Limits on stage races average KM per day + assent

Higher application demands

Team licence

Team workers licence

Federations + UCI to change policy approach

Recruitment to organisation – Education demand, not top ranks

Holistic view of sport – not only for the elite

Funding and sports legitimacy to talent + recreational level

Investing in campaigns to promote sport ➡ more members, bigger budgets