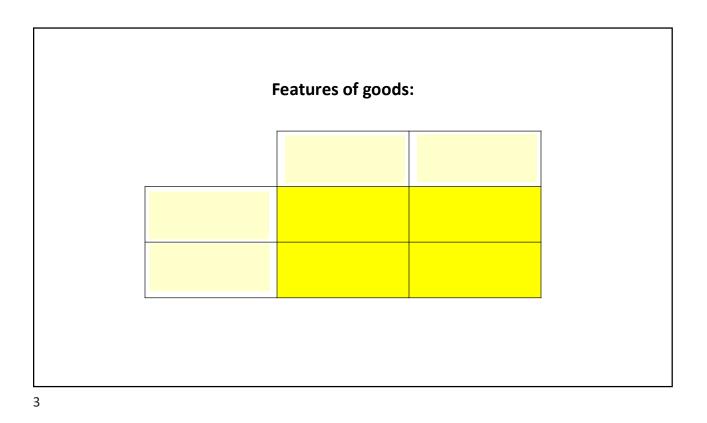
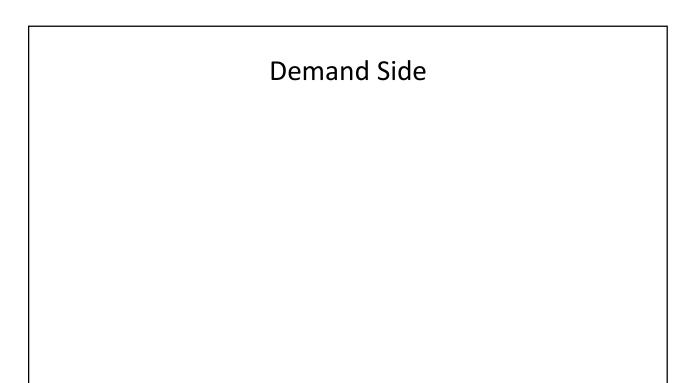
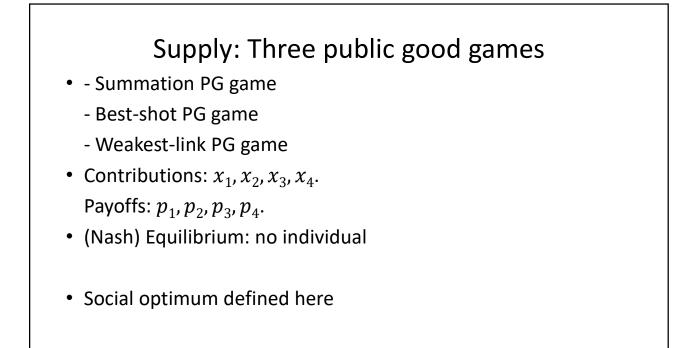


About Efficiency

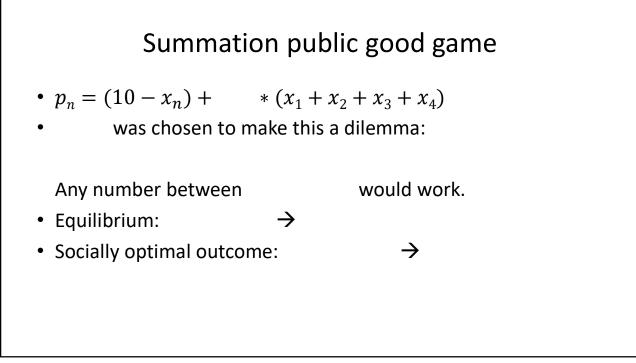
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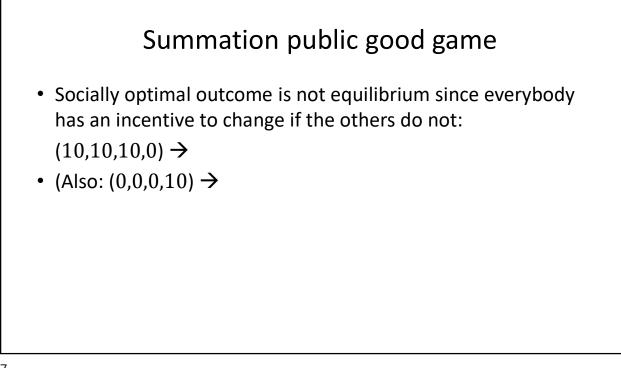






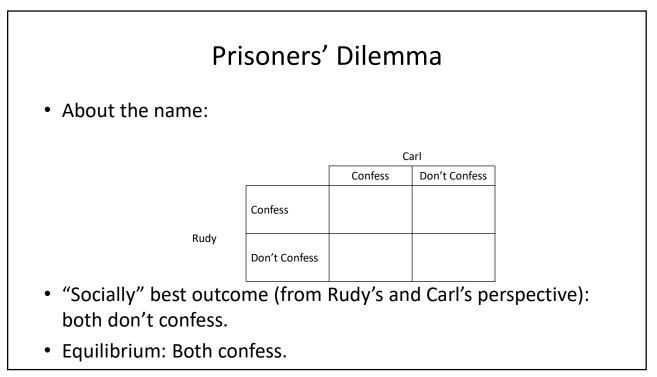


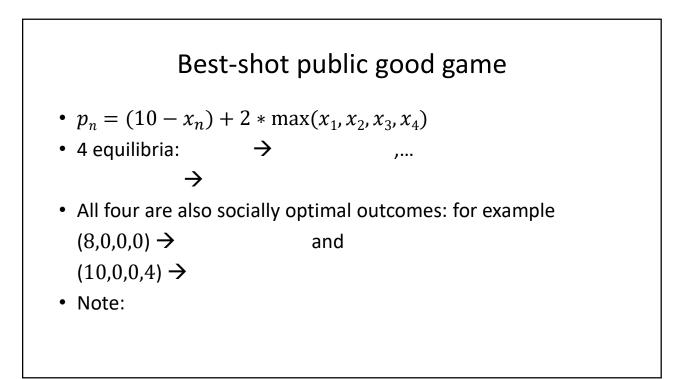


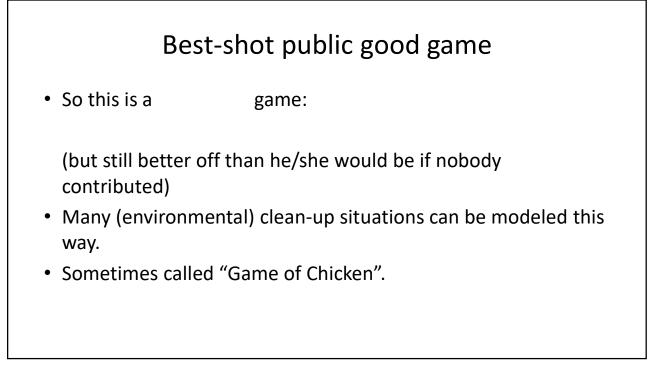


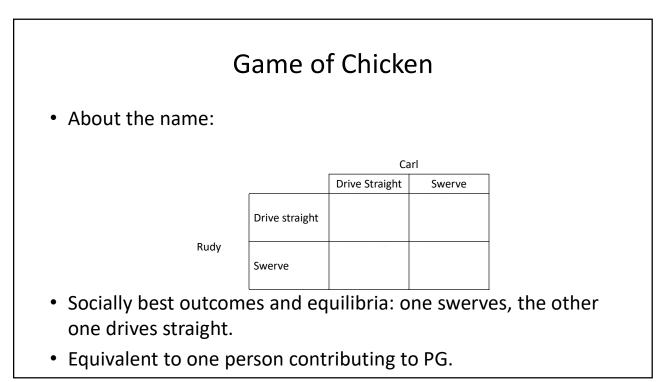
Prisoners' Dilemma

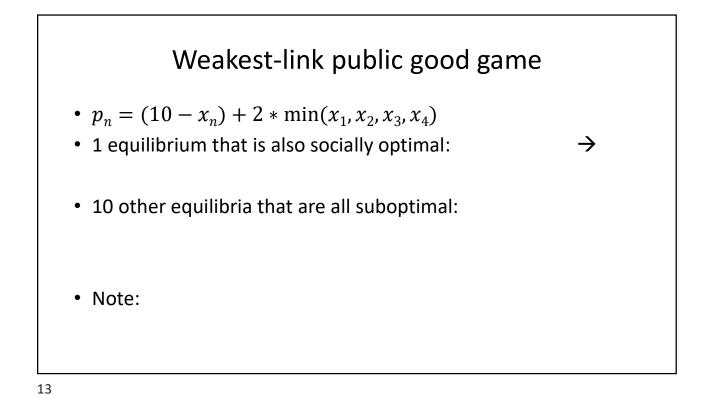
- A summation public good game is a form of "Prisoners' Dilemma":
- Many (environmental) situations can be seen as Prisoners' Dilemmas.

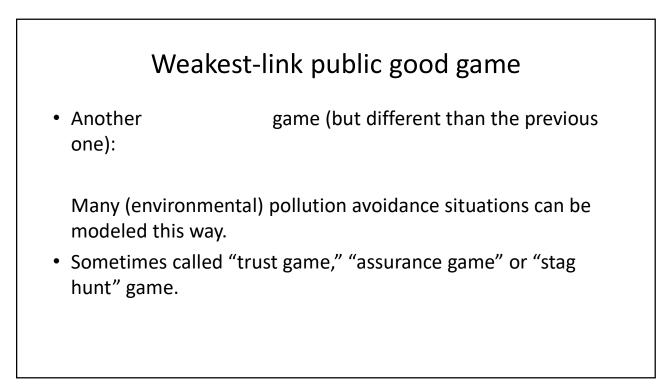


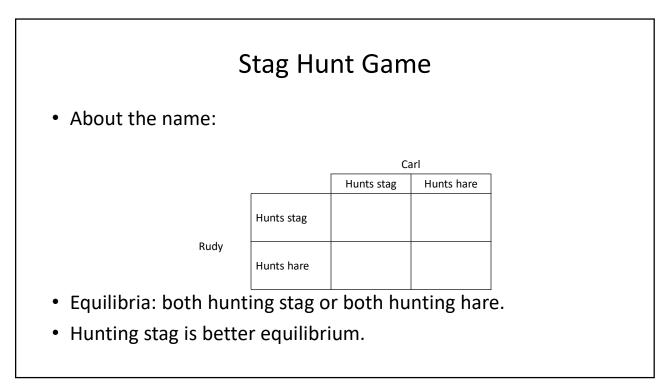


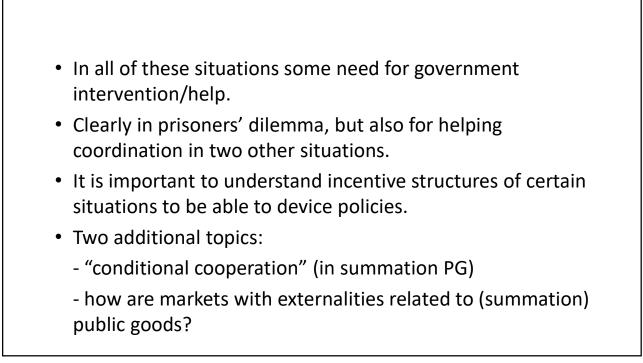


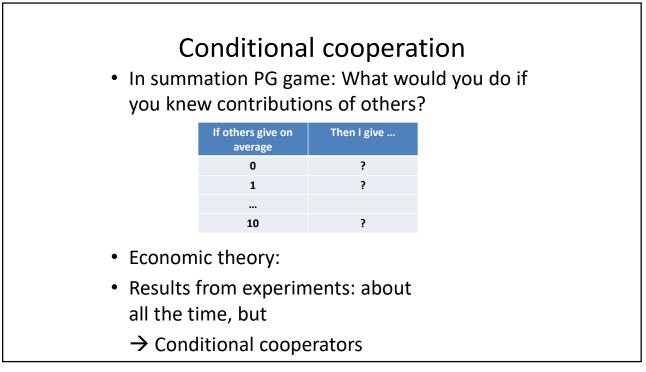


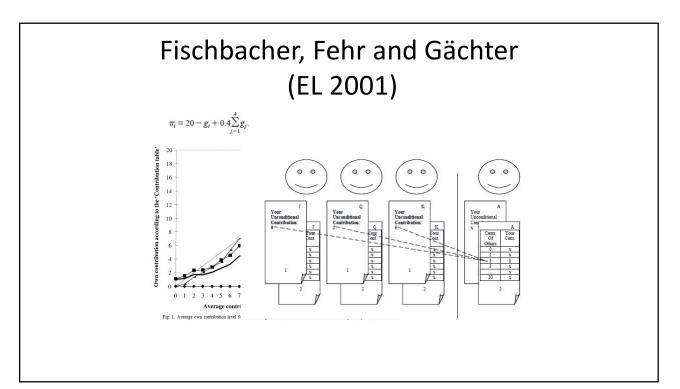


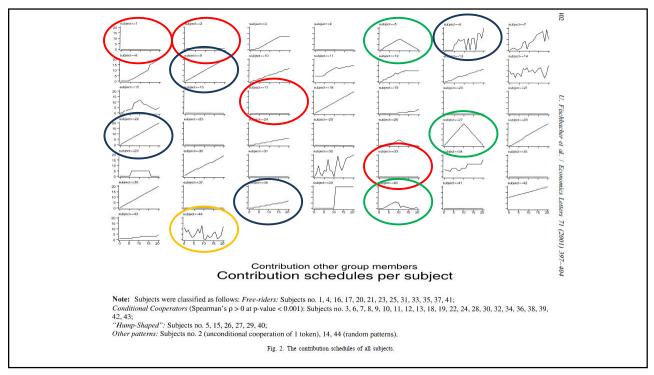


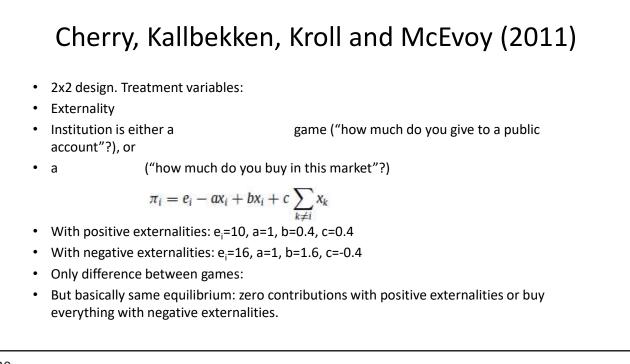


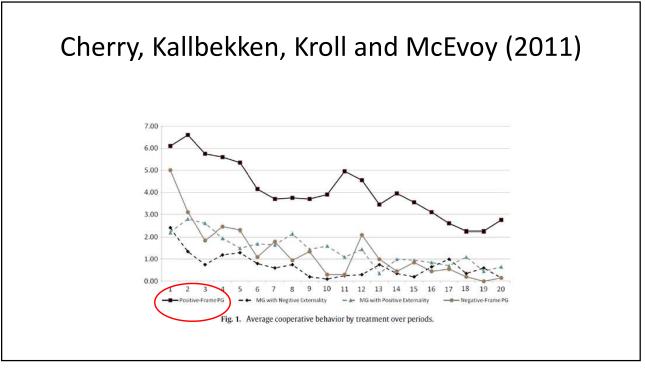


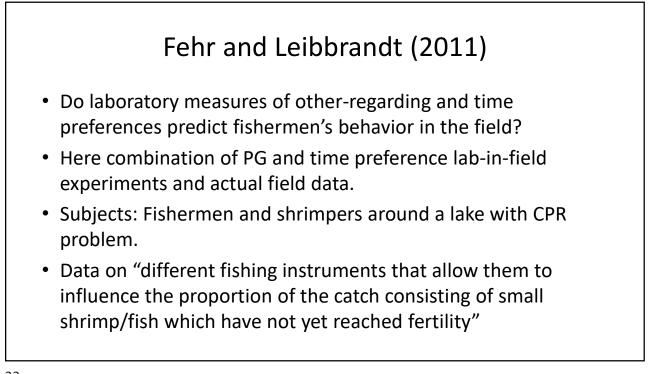




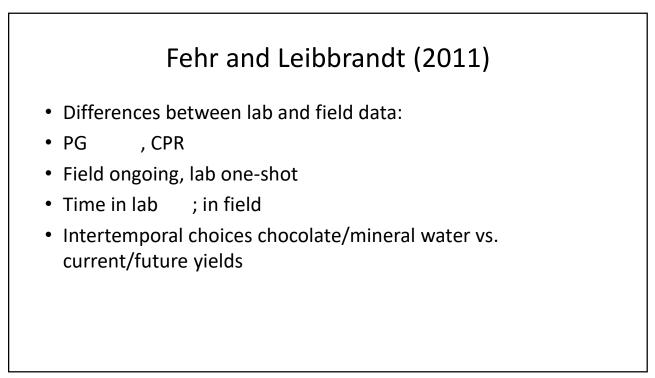




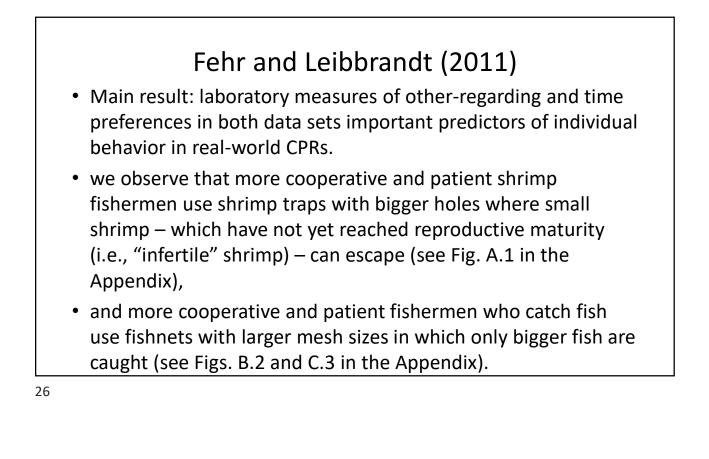












Fehr and Leibbrandt (2011)

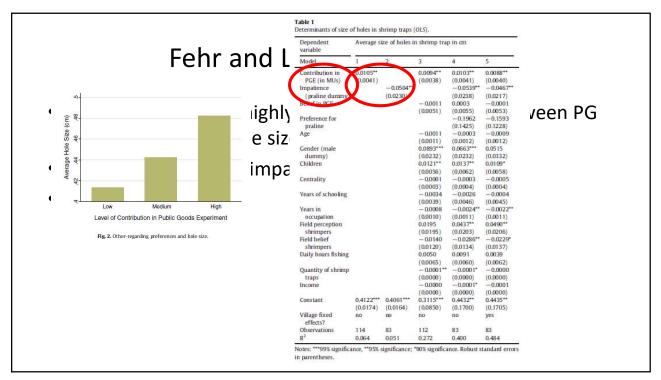
 Thus we provide evidence that other-regarding and time preferences are not so strongly context-dependent as to render the economic approach of explaining and predicting behavior in terms of relatively stable preferences meaningless.

Fehr and Leibbrandt (2011)

- PG: Endowment of 10 MU, group of 3, private (social) return 0.5 (1.5).
- 15.8% do not contribute and 11.4% contribute only one MU.
- Approximately half of the participants contribute no more than three MUs (58 out of 114).
- 21.1% contribute five MUs and 18.4% contribute more than five MUs.

Fehr and Leibbrandt (2011)

- Time preference:
- patient, impatient.
- Time preference and PG behavior uncorrelated.



Fehr and Leibbrandt (2011)

- Overall positive and highly significant correlation between PG contributions and hole size.
- Average hole size for impatient fishermen: 0.406 cm
- Patient: 0.457 cm

Fehr a	Dependent variable Model	Frequently used mesh size of fishnet in cm	
		1	2
	Contribution in first period of	0.133***	0,171*
	PGE (in MUs)	(0.049)	(0.095)
• Similar with fishnet a	Impatience (mineral water dummy)	- 0.366**	-0.641*
		(0.184)	(0.345)
	Age	-0.000	
		(0.013)	
	Gender (male dummy)	0.732*	
		(0.374)	
	Children	0.023	
		(0.037)	
	Years of schooling	- 0.010	
		(0.033)	
	Years in occupation	0.007	
		(0.010)	
	Field belief fishermen	0.182**	0.503**
	1000000 1 1-00 2000	(0.073)	(0.244)
	Field perception fishermen	0.156***	0.352**
		(0.056)	(0.132)
	Belief in first period of PGE	0.009	-0.144
	Via second a reaction of the second second	(0.059)	(0,141)
	Weekly hours fishing	- 0.006	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(0.006)	
	Constant	2.784***	2.023**
	100 - 6 - 1 - 6 - 1 - 7	(0.664)	(0.985)
	Village fixed effects?	yes	no
	Observations	121	35
	R ²	0.334	0,227