















Expected value

 $P(\Theta|s_2) = 1$ (honest, if signal) $P(\Theta^*|s_1) = 1$ (dishonest, if no signal)

Expected utility of trustor = $P(\Theta|s2) P(\Theta) R + P(\Theta^*|s1) P(\Theta^*) P$ = pR + (1-p)PExpected utility of honest trustee = R - aExpected utility of dishonest trustee = P













Some References

Model I, the original trust game (TG), was proposed by Dasgupta (1988) and Kreps (1990). Also, Dasgupta (1988) outlined the TG with two types of actors (honest and dishonest) and incomplete information (Model II). Furthermore, he computed a threshold according to Coleman's formula using a numerical example. The TG with two types and incomplete information is further discussed in papers by Camerer and Weigelt (1988), Voss (...), Buskens (1999), Bacharach and Gambetta (2001), and Raub (2004). For a derivation of the Coleman threshold from a TG with incomplete information see Dasgupta (1988), Voss (...), and Raub (2004). The signaling model III is a special case of the hostage-model presented in Raub (2004). Bacharach and Gambetta discuss the existence of a semiseparating equilibrium in more general terms, focussing on mimic behaviour. They do not outline the extensive game explicitly. However, the assumptions are similar to model IV. (In contrast to model IV they assume that honest people will always signal with probability one.)

Field Ex	periment		
2 x 2 experiment		German name	Turkish name
eBay auction with 84 sellers of 1 GB memory cards (1 pair per day, 42 days)	Seller ID	21	21
Sellers start with zero reputation (assumption: signals are more important if seller has no reputation)	No seller ID	21	21











Field Experi	ment (N=5)	D)	
2 x 2 experiment		German name	Turkish name
eBay auction with 84 sellers			
of 1 GB memory cards	Seller ID	13.64	14.05
(1 pair per day, 42 days)		(13.25)	(11.94)
		1.61	3.26
Sellers start with zero		n=12	n=13
reputation (assumption:	No seller	14.09	13.37
signals are more important if	ID	(13.94)	(12.40)
seller has no reputation)		2.29	1.76
		n=12	n=13

Variables	Model 1	Model 2
Identity (0/1)	1.340	1.125
Verified identity (1=yes)	(2.46)	(1.97)
Name (0/1)	-0.214	-0.272
User name (1=German)	(-0.39)	(-0.50)
First (0/1)	-	0.511
First in listing (1=yes)		(1.14)
constant	13.217	13.096
	(31.75)	(30.70)
R ² (within)	0.225	0.273
R ² (between)	0.077	0.104
R ² (overall)	0.001	0.003
rho	0.702	0.706
Ν	50	50

	Modell 1 mit absoluter Anzahl Bewertungen	Modell 2 mit loga- rithmierter Anzahl Bewertungen	Modell 3 mit absoluter Anzahl Bewertungen und Heckman-Korrektur
Reputation	0,671**	10,755**	0,720***
(Anzahl Bewertungen)	(3,19)	(2,62)	(3,46)
Mindestpreis	0,055	0,075	0,045
	(1,19)	(1,64)	(0,89)
Versandkosten	-2,549*	-3,111**	-2,048*
	(-2,48)	(-2,82)	(-2,03)
Dauer der Auktion	_0,200	-0,569	-0,080
	(_0,16)	(-0,45)	(-0,067)
Mindesterhöhung	3,313***	3,635***	2,923***
	(4,29)	(4,64)	(4,05)
Anzahl der Gebote	1,278	1,597*	0,685
	(1,89)	(2,39)	(1,02)
Konstante	505,79***	496,50***	529,45***
	(16,88)	(16,51)	(17,98)
Adj. R²	0,261	0,237	0,408
Lambda	-	-	72,042*** (4,95)
N	99	99	99

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