









Comparing contro	ol rights in bankruptcy
Mandatory Auction	Renegotiation
<ul> <li>Management loses</li></ul>	<ul> <li>Management retains</li></ul>
control	control
<ul> <li>Firm is restructured by</li></ul>	<ul> <li>Firm is restructured by</li></ul>
buyer in auction	creditor consensus
<ul> <li>Cash settlement</li></ul>	<ul> <li>Securities payment,</li></ul>
according to APR	deviations from APR
<ul> <li>Stay of collateral, DIP</li></ul>	<ul> <li>Stay of collateral, DIP</li></ul>
financing rare	financing frequent
Eckbo Bank	ruptcy Design (45) 6



















		Estima	tion of t	he fund:	amental	T. auction r	able 2 price $(p^*)$	and auctic	n debt r	ecoverv	rate ( $r^*$	)	
Th			- dele (e. De		Derel Dere		(F)		0 V .		$= l_{-}(D)$	P is the test	.1
from the bank	ankruptcy pro	proceeding ceedings).	, and $r$ is t. The funda	he debt rec mental auc	overy rate tion price i	(r = (P - C) s defined as	$p^{*} = \hat{\beta}_{1p} X_{1},$ $p^{*} \equiv \hat{\beta}_{1p} X_{1},$	where $D$ is th and the funda	e face value mental reco	of the tar	$p \equiv th(1),$ get's debt a s $r^* \equiv \hat{\beta}_{1r}$	and $C$ is the $C$	direct cos e shows th
OLS coeffic are given in	cient estima n Table 1 (j	ates $\hat{\beta}_{1p}$ ar p-values in	nd $\hat{\beta}_{1r}$ . Tot parenthese	al sample ( s).	of 258 Swee	lish firms fili	ing for auction	on bankruptcy	1988-1991.	Variable	definitions	for the regre	ssors in J
	Target asset characteristics										istry tions		
Constant	Size	Asset sales	Profit	Profit *GC	Profit *PL	Specific *GC	Specific *PL	Intangible	PL	Ind Profit	Bus Cycle	$\begin{array}{c} \text{Adjusted} \\ R^2 \end{array}$	F-value
A Auct	ion price	regression	ne									$\sim$	
5.44	0.67	-0.56	-0.46		,	-0.86	1.77	-1.61	-1.06			0.50	37.51
(0.000)	0.000)	(0.000)	(0.309)		(	(0.048)	(0.055)	(0.000)	(0.000)	1.00	0.09	0.50	(0.000
(0.000)	(0.000)	(0.000)	(0.295)		(	(0.078)	(0.039)	(0.000)	(0.000)	(0.433)	(0.435)	0.50	(0.000
B. Aucti	ion recove	ery rate r	egressions					$\bigcirc$	$\bigcirc$				
0.73 (0.001)	-0.01 (0.461)	-0.04 (0.121)		0.30 (0.020)	-0.25 (0.031)	-0.09 (0.303)	0.28 (0.123)	-0.29 (0.000)	-0.18 (0.000)			0.18	8.22 (0.000
0.76 (0.001)	-0.01 (0.275)	-0.04 (0.138)		0.25 (0.058)	-0.22 (0.061)	-0.10 (0.218)	0.20 (0.262)	-0.30 (0.000)	-0.18 (0.000)	1.03 (0.040)	-0.00 (0.306)	0.19	7.18 (0.000
Eckbo						Bankr	uptcy De	sign (45)					1



Coefficient standardize are in pare	I estimates from ed residuals are entheses).	Determinant n OLS regressio e from the first i	s of auction ns of the stands regression model	price resid ardized auction s in Panels A a	Table 3 uals $(p - p^*)$ price residuals nd B of Table 2	) and rec $p - p^*$ (Par 2, respective	overy rate nel A) and tot ly. The explan	residuals ( al debt recove atory variables	$(r-r^*)$ ry rate resi are defined	duals (Panel ) d in Table 1 (j	B). Th p-value
		Industry	y liquidity con	ditions		A	uction outcor	nes			
Con- stant	Ind Distress	$Distress \\ *GC$	Distress * PL	Ind Leverage	No of firms	PL	Out- sider	Buyout	$\stackrel{\rm Adj.}{R^2}$	F- value	Ν
A. Auctio	on price resi	dual $(p - p^*)$			_						
1.07 (0.103)	-0.50 (0.286)	$\frown$	$\frown$	-0.95 (0.273)	-0.57 (0.067)	0.00 (0.993)			0.01	1.52 (0.196)	2
0.88 (0.181)		-0.04 (0.946)	-1.88 (0.033)	-0.91 (0.294)	-0.59 (0.055)	0.60 (0.091)			0.02	1.92 (0.092)	2
0.88 (0.181)		-0.07 (0.895)	-1.88 (0.033)	-0.86 (0.319)	-0.59 (0.056)	0.57 (0.118)	-0.10 (0.541)		0.01	1.66 (0.132)	2
0.56 (0.454)		0.12 (0.854)	-2.03 (0.020)	-0.29 (0.756)	-0.69 (0.051)	0.50 (0.211)	-0.11 (0.558)	-0.12 (0.489)	0.02	1.51 (0.167)	20
B. Auctio	on recovery i	rate residual (	$r - r^{*})$		$\bigcirc$		$\sim$				
0.97 (0.138)	-0.67 (0.158)		$\frown$	-0.88 (0.312)	-0.21 (0.495)	-0.00 (0.993)			0.00	1.11 (0.350)	2
0.83 (0.209)		-0.32 (0.554)	-1.70 (0.054)	-0.84 (0.331)	-0.23 (0.456)	0.45 (0.207)			0.00	1.28 (0.272)	2
0.83 (0.209)		-0.35 (0.520)	-1.71 (0.053)	-0.81 (0.355)	-0.23 (0.461)	0.42 (0.247)	-0.08 (0.599)		0.00	1.11 (0.355)	2
0.31		-0.01	-1.76	-0.40	-0.18 (0.631)	0.63 (0.149)	-0.10	0.10	-0.01	0.69	2



Tests for The depend variable is continuation	the impac ent variable in the standardize	Panel A is the ed recovery rate Outsider + Inc	y distress of standardized a residuals $r -$	on price an uction price re $r^*$ from the fin All other var	Table 4 d recovery siduals $p - p^*$ f	rate resid rom the first rodel in Pan	luals condit regression in P el B of Table 2 (n-values in pa	ional on bu anel A of Tabl . Insider is t rentheses)	yer indu e 2. In Par he compler	<b>istry affili</b> nel B, the dep ment to <i>Outs</i>	ation benden <i>sider</i> i
		Ine	dustry liquidi	Auction	outcomes						
Constant	Ind Distress	Distress *Outsider	Distress *Insider	Distress *PL	Ind Leverage	No of firms	Outsider	PL	$\stackrel{\rm Adj.}{R^2}$	F- value	Ν
A. Tests f	or the impac	t on the aucti	on price resid	$\frac{(p-p^*)}{(p-p^*)}$							
1.15 (0.092)		1.17 (0.231)	-0.54 (0.381)	-1.84 (0.036)	-1.01 (0.249)	-0.56 (0.071)	-0.66 (0.102)	0.39 (0.301)	0.02	1.76 (0.096)	25
1.15 (0.092)	(0.231)		-1.72 (0.129)	-3.02 (0.018)	-1.01 (0.249)	-0.56 (0.071)	-0.66 (0.102)	0.39 (0.301)	0.02	1.76 (0.096)	25
B. Tests f	or the impac	t on the recov	ery rate resi	dual $(r - r^*)$							
0.95 (0.165)		(0.22) (0.826)	-0.56 (0.369)	-1.69	-0.87 (0.321)	-0.21 (0.491)	-0.34 (0.403)	0.34 (0.372)	0.00	1.02 (0.418)	25
0.95 (0.165)	0.22 (0.826)		-0.78 (0.493)	-1.91 (0.137)	-0.87 (0.321)	-0.21 (0.491)	-0.34 (0.403)	0.34 (0.372)	0.00	1.02 (0.418)	25
				Pa	nkruntov (	ocian (4	5)				21





	Ind	ustry liquid	ity conditio	ons			Auctio	on outcomes	;				
Con- stant	Distress *GC	Distress *PL	Ind Leverage	No of firms	PL	Prepack	Saleback	Prepack *Saleback	Prepack *Nonsale	Nonprepack *Saleback	Adj. $R^2$	F- value	Ν
4. Auc	tion price	residual (p-	- p*)										
0.90 0.164)	-0.09 (0.858)	-1.89 (0.028)	-0.74 (0.383)	-0.56 (0.062)	0.45 (0.202)	-0.52 (0.001)	$\frown$				0.06	3.55 (0.002)	25
1.06 0.112)	-0.14 (0.794)	-1.89 (0.030)	-0.77 (0.375)	-0.57 (0.066)	0.31 (0.392)	-0.56 (0.001)	$\begin{pmatrix} -0.17\\ (0.232) \end{pmatrix}$				0.06	3.37 (0.002)	25
1.06 0.113)	-0.14 (0.795)	-1.89 (0.030)	-0.77 (0.377)	-0.57 (0.066)	0.31 (0.401)	$\bigcirc$		-0.73 (0.001)	-0.56 (0.041)	-0.17 (0.296)	0.06	2.94 (0.004)	25
B. Tota	d recovery	rate residu	al $(r - r^{*})$										
0.83 0.207)	-0.33 (0.537)	-1.71 (0.053)	-0.80 (0.355)	-0.22 (0.470)	0.41 (0.251)	-0.12 (0.433)					0.00	1.17 (0.323)	2
0.99	-0.30 (0.593)	-1.70 (0.056)	-0.86 (0.334)	-0.23 (0.463)	0.29 (0.428)	-0.15 (0.350)	-0.18 (0.231)				0.01	1.27 (0.264)	25
0.99	-0.28	-1.70	-0.88	-0.23	0.32	(/	11	-0.35	-0.06	-0.15	0.00	1.13	25



Coefficients sold as goin	s in logit es	timations c	Bankru of the probab bankruptcy 1	iptcy ref ility that th 988-1991. F	iling pro ne surviving 2-values are	Table bability fo ; firm refiles f in parenthes	e 9 or targets or bankrupte; es. Variable d	sold as g y within 2 definitions a	going-con- years of the re in Table 1	cern auction. The sar l.	mple is 150 s	Swedish firms
	Ta	rget asset	characteris	tics		Industry	conditions		Auction	n outcomes		
Constant	Size	Profit	Specific	Intan- gible	Bus Cycle	Ind Distress	Ind Leverage	$p-p^*$	Outsider	Prepack	$\begin{array}{c} { m Cox} \\ { m Snell} \ R^2 \end{array}$	Chi- square
-2.42 (0.628)	-0.14 (0.577)	0.43 (0.837)	2.83 (0.015)	-1.12 (0.260)	-0.22 (0.012)	-5.32 (0.003)	6.90 (0.022)	-0.06 (0.794)			0.14	22.96 (0.003)
-2.79 (0.599)	-0.14 (0.601)	-0.66 (0.778)	2.78 (0.037)	-1.15 (0.149)	-0.22 (0.017)	-6.25 (0.001)	8.00 (0.012)	0.02 (0.932)	-1.46 (0.016)	(1.35 (0.007)	0.21	35.01 (0.000)
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