

**2007-2009**

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**Объект и предмет исследования.**

, 2008-2009 .

## Цели и задачи исследования.

2008-2009

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## Степень научной разработанности темы.

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**Метод исследования.**



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2008-2009

**Теоретическая и практическая значимость  
диссертации.**

**Соответствие диссертации паспорту научной  
специальности.**

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### **Апробация исследования.**

### **Публикации.**

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### **Структура и объем диссертации.**

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(moral hazard),

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(logit, probit).



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2007-2009 »

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ln_assets	
sk_a	
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gov_sec_a	
corr_acc_a	
credit_to_banks_a	
nbs_credit_a	
loans_to_hh_a	
foreign_liab_a	
interbank_loans_a	
reserves_loans	
liab_bank_ratio	
marketdebt_l	( )
overdue_liab	
delayed_nbs_credit	
la_a	
delta_exch_rate	
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<sup>1</sup> Peresetsky A., Karminsky A., Golovan S. Probability of default models of Russian banks. ó Bank of Finland Institute for Economies in Transition, 2004.

3) DEATH=0 t-

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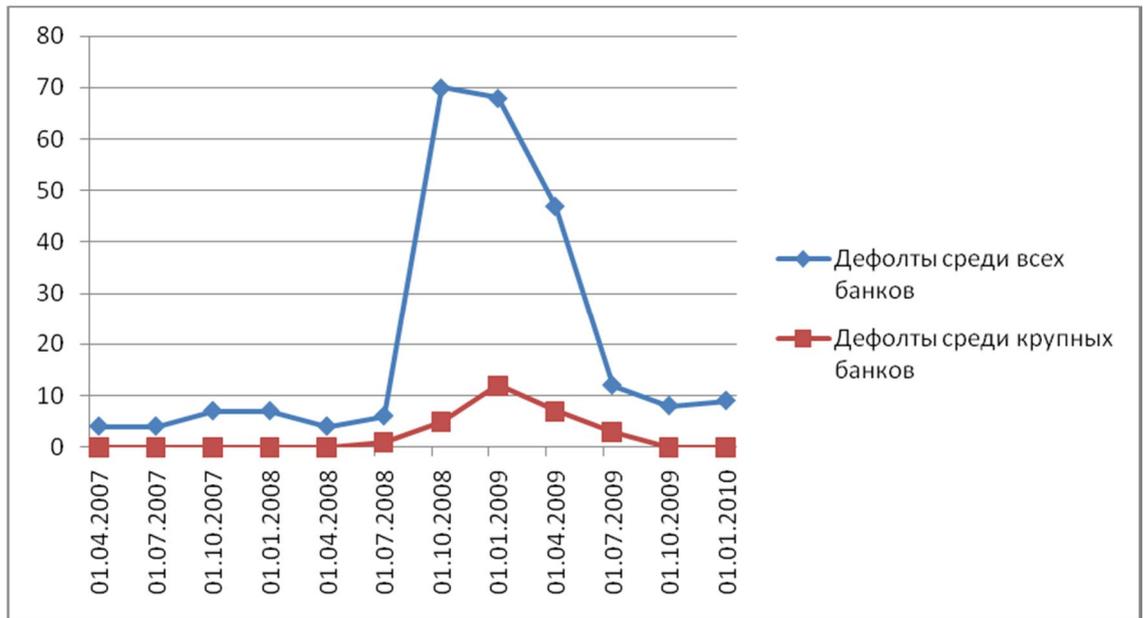
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$$P(DEATH_i = 1) = \Lambda(x_i' \beta)$$

$x_i'$  -

$$\Lambda(z) = \frac{1}{1 + e^{-z}}$$

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$$P(DEATH_i = 1) = \Lambda(\beta_1 + \beta_2 \cdot \ln\_assets + \beta_3 \cdot (\ln\_assets)^2 + \beta_4 \cdot sk\_a + \beta_5 \cdot hh\_deposits\_a + \beta_6 \cdot gov\_sec\_a + \beta_7 \cdot nongov\_sec + \beta_8 \cdot corr\_acc\_a + \beta_9 \cdot credit\_to\_banks\_a + \beta_{10} \cdot nbs\_credit\_a + \beta_{11} \cdot loans\_to\_hh\_a + \beta_{12} \cdot foreign\_liab\_l + \beta_{13} \cdot interbank\_loans\_a + \beta_{14} \cdot reserves\_loans + \beta_{15} \cdot liab\_bank\_ratio + \beta_{16} \cdot marketdebt\_l + \beta_{17} \cdot overdue\_liab + \beta_{18} \cdot delayed\_nbs\_credit + \beta_{19} \cdot la\_a + \beta_{20} \cdot macro)$$

macro

$\beta$

$$G_{HL}^2 = \sum_{j=1}^{10} \frac{(O_j - E_j)^2}{E_j(1 - E_j/n_j)} \sim \chi^2(8)$$

10

$O_j - E_j$

$n_j$

2.

	(1)	(2)	(3)	(4)	(5)
VARIABLES	death	death	death	death	death
ln_assets	0.919** (0.372)	1.144*** (0.412)	0.951** (0.374)	0.998** (0.392)	0.891*** (0.338)
ln_assets_2	-0.060** (0.023)	-0.073*** (0.026)	-0.063*** (0.024)	-0.062** (0.025)	-0.057*** (0.022)
sk_a	-0.651 (0.726)	-0.552 (0.715)	-0.602 (0.741)	-0.442 (0.738)	

hh_deposits_a	-0.595	-0.686	-0.690	-0.730	
	(0.714)	(0.745)	(0.721)	(0.726)	
gov_sec_a	-1.726	-3.182	-2.190	-3.397*	
	(2.056)	(2.212)	(2.175)	(2.063)	
nongov_sec_a	-1.644	-2.046	-1.600	-1.657	
	(1.581)	(1.523)	(1.566)	(1.491)	
corr_acc_a	-1.132	-1.954	-1.436	-1.889	
	(1.377)	(1.417)	(1.400)	(1.392)	
credit_to_banks_a	-0.998	-1.330	-1.079	-1.272	
	(1.320)	(1.268)	(1.295)	(1.316)	
nbs_credit_a	0.119	-0.179	0.235	0.015	
	(1.150)	(1.120)	(1.152)	(1.128)	
loans_to_hh_a	-1.495**	-1.420**	-1.543**	-1.307*	-1.100*
	(0.699)	(0.720)	(0.712)	(0.722)	(0.612)
foreign_liab_l	-2.350**	-2.223*	-2.209*	-2.635**	-2.129**
	(1.126)	(1.201)	(1.142)	(1.179)	(1.020)
interbank_loans_a	0.255	-0.901	-0.211	-0.590	
	(1.499)	(1.606)	(1.549)	(1.592)	
reserves_loans	4.148***	4.477***	4.500***	3.952***	3.570***
	(1.201)	(1.279)	(1.247)	(1.273)	(1.075)
liab_bank_ratio	0.389	0.396	0.340	0.474	
	(0.832)	(0.839)	(0.873)	(0.853)	
marketdebt_l	5.495***	5.464***	5.427***	4.690***	5.680***
	(0.878)	(0.821)	(0.871)	(0.823)	(0.774)
overdue_liab	-0.553	5.025	1.271	7.005	
	(3.850)	(5.841)	(3.978)	(7.921)	
delayed_nbs_credit	-4.297*	-4.477**	-4.694*	-3.258*	-4.129**
	(2.240)	(2.154)	(2.420)	(1.978)	(2.105)
la_a	0.399	0.761	0.516	0.882	
	(1.032)	(1.040)	(1.051)	(1.016)	
delta_exch_rate		0.300***			
		(0.037)			
exp_imp			-3.011***		
			(0.693)		
dep_rate				-59.819***	
				(6.297)	
Constant	-4.953***	-6.177***	-0.431	-0.922	-5.362***
	(1.807)	(1.918)	(2.089)	(1.810)	(1.308)
Observations	1331	1331	1331	1331	1331
Ll	-514.3	-476.4	-504.2	-475.7	-517.6
r2_p	0.111	0.177	0.129	0.178	0.105
Hosmer-Lemeshow(prob.)	0.7353	0.1817	0.2874	0.1558	0.3872

\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

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VARIABLES	(1)	(2)	(3)	(4)	(5)
	death	death	death	death	death
sk_a	-7.458**	-8.067***	-8.480**	-9.011***	-6.668**
	(3.333)	(3.002)	(3.412)	(3.277)	(2.904)
hh_deposits_a	0.757	-2.557	-0.705	0.183	
	(2.948)	(3.640)	(2.966)	(3.580)	
gov_sec_a	-17.65	-31.66***	-25.24**	-25.37*	-16.09*
	(10.84)	(11.10)	(11.69)	(13.11)	(8.812)
nongov_sec_a	-1.200	-3.124	2.639	-0.350	
	(7.235)	(6.735)	(7.394)	(7.102)	
corr_acc_a	-7.781	-12.88	-7.408	-8.921	-7.560**
	(6.193)	(8.073)	(7.415)	(7.215)	(3.657)
credit_to_banks_a	-10.39	-18.97**	-12.78*	-15.56	-5.418*
	(6.505)	(7.984)	(7.536)	(9.520)	(2.887)
nbs_credit_a	-0.147	-3.330	1.316	-0.755	
	(5.420)	(6.237)	(6.355)	(6.104)	
loans_to_hh_a	-7.556**	-7.391*	-6.945*	-8.482*	-5.785**
	(3.822)	(4.109)	(3.600)	(4.354)	(2.345)
foreign_liab_l	-10.96***	-14.67***	-14.27***	-12.07***	-10.03***
	(3.346)	(4.276)	(4.380)	(3.762)	(2.897)
interbank_loans_a	9.416	11.97	9.566*	13.93	
	(6.183)	(7.762)	(5.446)	(10.37)	
reserves_loans	13.78***	15.03***	17.10***	13.61**	12.14**
	(5.347)	(5.395)	(6.016)	(6.299)	(5.012)
liab_bank_ratio	-1.266	-3.700	-2.351	-0.846	
	(2.064)	(2.355)	(2.082)	(2.139)	
marketdebt_l	1.499	-1.467	-0.433	0.462	
	(3.225)	(3.496)	(4.231)	(3.509)	
delayed_nbs_credit	18.16	30.23	21.32	21.73	
	(19.92)	(24.40)	(21.43)	(23.59)	
la_a	3.539	3.591	4.501	2.905	4.078
	(4.058)	(3.239)	(3.279)	(3.697)	(3.151)
delta_exch_rate		0.490***			
		(0.148)			
exp_imp			-9.551***		
			(2.995)		
dep_rate				-77.62***	
				(24.40)	
Constant	0.545	4.521	14.50	7.827	0.435
	(5.599)	(6.708)	(8.869)	(6.932)	(0.794)

Observations	191	191	191	191	191
L1	-56.70	-47.26	-48.20	-50.95	-58.41
r2_p	0.271	0.393	0.381	0.345	0.249
Hosmer-Lemeshow(prob.)	0.9933	0.1092	0.0207	0.9525	0.7541

\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

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