



1.

1		
1.1	, %	>5%
1.2	, %	>5%
1.3	, %	>10-15%
1.4	, %	>30%
2	-	
2.1	,	>4%
2.2	, %	>50%
2.3	, %	>10%
2.4	, %	>5%
2.5	( 2),	>2
2.6	, % ( )	>106% (1,06)
2.7	, % ( )	>106% (1,06)
2.8	, % ( )	>107% (1,07)
3		
3.1	,	< 3 %
3.2	, ( )	< 3
3.3	- , % ( )	>25%
4		
4.1	, %	>55%
4.2	, %	>25%
4.3	, %	>70%
4.4	, %	>20%
4.5	, %	>12%
4.6	, %	>30%
4.7	, %	>30%
5		
5.1	« » , %	8-12 %
5.2	, %	< 30 %
5.3	, %	>30%
6		
6.1	, %	60-90%
6.2	, %	3-4%
6.3	, %	>30%
7	( )	>1,095

, , 0,95 ≤ Inf ≤ 1,07  
 , , 3 ≤ V<sub>vr</sub>  
 ) - « ( - IMR ≥ 3  
 - » - 0 ≤ L<sub>s</sub> ≤ 25 %  
 , . 5% ≤ L<sub>ind</sub> ≤ 55 %  
 , - 0 ≤ L<sub>de</sub> ≤ 25 %  
 - 10 % ≤ X ≤ 70 %  
 - 1% ≤ Y ≤ 20 %  
 - 1% ≤ CLTS<sub>de</sub> ≤ 12 %  
 - 5% ≤ L<sub>vb</sub> ≤ 30 %  
 [3], - 5% ≤ E ≤ 30 %  
 . 1. - 8% ≤ ≤ 12 %  
 « ( ) - ≥ 30 %  
 - ≤ 1,095  
 - 10 % ≤ ≤ 30  
 - » - 60 % ≤ CAP ≤ 90  
 - , - 3% ≤ ≤ 4 %  
 - 10 % ≤ F ≤ 30 %

9,5% [4].

[5], : Inf \* 0,925 - L<sub>bds</sub> \* 0,95 = 0 (3)

7,5% . 2.  
 5%.  
 , -  
 5- (1)-(3) -  
 6% [5].

$$F = \left\{ \begin{array}{l} \min(L_{bds}), \min(L_{nbc}), \min(LT_{nb}), \min(L_{GDPb}), \max(M_y), \max(L_{em}), \\ \min(S_{ref}), \min(S_{cred}), \min(Q_y), \min(GR_y), \min(GR_e), \min(Inf), \\ \max(V_{vr}), \max(IMR), \min(L_s), \min(L_{ind}), \min(L_{de}), \min(X), \min(Y), \\ \min(CLTS_{de}), \min(L_{vb}), \min(E), \max(\quad), \max(BCB), \min(\quad), \\ \max(CAP), \min(\quad), \min(F_{vb}), \min(\quad) \end{array} \right\} \quad (1)$$

$$F = \sum_{i=1}^n d_i Z_i(X') \rightarrow \max \quad (4)$$

$$\begin{aligned}
 & 0 \leq L_{bds} \leq 3 \% \\
 & 0 \leq L_{nbc} \leq 5 \% \\
 & 3 \% \leq LT_{nb} \leq 15 \% \\
 & 5 \% \leq L_{GDPb} \leq 30 \\
 & 1 \% \leq M_y \leq 4 \% \\
 & 10 \% \leq L_{em} \leq 50 \% \\
 & 1 \% \leq S_{ref} \leq 10 \% \\
 & 1 \% \leq S_{cred} \leq 5 \% \\
 & 0 \leq Q_y \leq 2 \\
 & 0,90 \leq GR_s \leq 1,15 \\
 & 0,90 \leq GR_e \leq 1,15
 \end{aligned}$$

$$F = \{1,973 L_{bds} - (-0,54 L_{nbc}) - 0,428 LT_{nb} - 0,957 L_{GDPb} + \\
 + 4,57 M_y + 1,094 L_{em} - 0,775 S_{ref} - 3,392 S_{cred} - 0,915 Q_y - \\
 - 0,960 GR_s - 0,914 GR_e - 0,101 Inf + 1,839 V_{vr} + 1,666 IMR - \\
 - 1,702 L_s - 1,545 L_{ind} - 0,664 L_{de} - 0,472 - 4,262 Y - \\
 - 4,064 CLTS_{de} - 0,43 L_{vb} - 0,256 E + 0,175 + \\
 + 0,881 - + 0,174 - 3,463 - 1,668 F - \\
 - 1,105 \} \rightarrow \max, \quad [6-8].$$

2.

1			
1.1	, %	$L_{bds}$	4,87
1.2	, %	$L_{nbc}$	0
1.3	, %	$LT_{nb}$	3
1.4	, %	$L_{GDPb}$	5
2	-		
2.1	,	$M_y$	4
2.2	, %	$L_{em}$	50
2.3	, %	$S_{ref}$	1
2.4	, %	$S_{cred}$	1
2.5	( 2),	$Q_y$	0
2.6	, %	$GR_s$	0,9
2.7	, %	$GR_e$	0,9
2.8	, %	$Inf$	0,95
3			
3.1	,	$V_{vr}$	10,44
3.2	,	$IMR$	3
3.3	- , %	$L_s$	0
4			
4.1	, %	$L_{ind}$	5
4.2	, %	$L_{de}$	0
4.3		$X$	10
4.4		$Y$	1
4.5	, % , %	$CLTS_{de}$	1
4.6	, %	$L_{vb}$	5
4.7	, %	$E$	5
5			
5.1	« » , %		12
5.2	, %		30
5.3	, %		10
6			
6.1	, %	$CAP$	90
6.2	, %		3
6.3	, %	$F$	10
7	( )		0
	-		<b>87,745</b>

$d_i$  -

Excel.

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**Lisenko Nikolay Dmitrievich**, candidate of economic sciences, associate professor, teacher of department of banking. **Seredina Ann Viacheslavovna**, teacher of department of banking. Kharkiv national economic university. **Forming of area of firmness of the system of indicators of financial safety of country on the basis of construction of multicriterion optimization model, as a mortgage of effective management in the conditions of vagueness.** In the article is formed the system of indicators of financial safety, that answers the basic structural component elements of financial safety, the multicriterion optimization model of financial safety of Ukraine is built and the areas of firmness of the system of financial safety are certain in the conditions of vagueness, as a mortgage of effective management in the conditions of financial crisis.

**Keywords:** financial safety, component elements of financial safety, indicators, multicriterion optimization model.

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