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**ON THE ASSESSMENT OF THE IMPACT OF THE LEVEL OF CORRUPTION
ON SOCIAL AND ECONOMIC PROCESSES**

«
22,5%
),
» [4].
6,6
.(
2021
[5],
» [6].
[7],
[4], [8], [9], [10], [11], [12], [13]

Perception Index) (Corruption

1995., 2012. [20], [21], [22]. 2012–2021 [16],

15–72 (1) — ;

(2) — ; (3) —

(4) — ;

(5) — ; (6) —

(7) — ;

(X8) — ; (X9) —

« » Microsoft Excel. 1.

(2). $Y(0,3 \leq |r_{xy}| \leq 0,7)$, $\frac{X1, X3, 4, X5, 6, 8, 9}{X2, 7}$ ($|r_{xy}| < 0,3$). 3.

15–72 (1),

1.

*

		15-72	, %			, %		, %		, %
	Y	X1	X2	X3	X4	X5	X6	X7	X8	X9
2012	28	5,5	28,7	15,4	10958,2	356,225	0,798	6,58	120210	66
2013	28	5,5	28	15,5	11325,9	351,675	0,802	6,45	105674	68
2014	27	5,2	40,2	16,3	12669,5	340,075	0,807	11,36	71418	71
2015	29	5,6	40,3	19,6	13787,8	312,675	0,809	12,9	69841	70
2016	29	5,5	39,9	19,5	14482,4	314,525	0,815	5,4	67191	73

* [2, 16, 21, 22]

2.

Excel *

	Y	X1	X2	X3	X4	X5	X6	X7	X8	X9
Y	1									
X1	0,6351	1								
X2	0,2859	-0,2740	1							
X3	0,6392	0,0114	0,7087	1						
X4	0,4040	-0,6248	0,5688	0,2483	1					
X5	-0,5558	-0,0606	-0,7781	-0,9724	-0,3444	1				
X6	0,6388	-0,5151	0,7065	0,5022	0,9372	-0,5969	1			
X7	-0,1946	0,3374	0,0386	-0,3258	-0,3680	0,2929	-0,5146	1		
X8	-0,3418	0,2994	-0,9453	-0,7735	-0,6249	0,8511	-0,8147	0,2872	1	
X9	0,6543	-0,4970	0,5958	0,3167	0,9425	-0,4485	0,9633	-0,4752	-0,7133	1

*

(3),

(4),

(5),

(6),

(X8),

/ (9).

3

4, 5, 8, 9.

F—

(r)

(1).

3.
EXCEL *

r (1, Y) =	0,6351		
r (2, Y) =	0,2859		
r (3, Y) =	0,6392		
r (4, Y) =	0,4040		
r (5, Y) =	-0,5558		
r (6, Y) =	0,6388		
r (7, Y) =	-0,1946		
r (8, Y) =	-0,3418		
r (9, Y) =	0,6543		
r (1, 2) =	-0,2740		
r (1, 3) =	0,0114		
r (1, 4) =	-0,6248		
r (1, 5) =	-0,0606		
r (1, 6) =	-0,5151		
r (1, 7) =	0,3374		
r (1, 8) =	0,2994		
r (1, 9) =	-0,4970		
r (2, 3) =	0,7087		
r (2, 4) =	0,5688		
r (2, 5) =	-0,7781		
r (2, 6) =	0,7065		
r (2, 7) =	0,0386		
r (2, 8) =	-0,9453		
r (2, 9) =	0,5958		
r (3, 4) =	0,2483		
r (3, 5) =	-0,9724		
r (3, 6) =	0,5022		
r (3, 7) =	-0,3258		
r (3, 8) =	-0,7735		
r (3, 9) =	0,3167		
r (4, 5) =	-0,3444		
r (4, 6) =	0,9372		
r (4, 7) =	-0,3680		
r (4, 8) =	-0,6249		
r (4, 9) =	0,9425		
r (5, 6) =	-0,5969		
r (5, 7) =	0,2929		
r (5, 8) =	0,8511		
r (5, 9) =	-0,4485		
r (6, 7) =	-0,5146		
r (6, 8) =	-0,8147		
r (6, 9) =	0,9633		
r (7, 8) =	0,2872		
r (7, 9) =	-0,4752		
r (8, 9) =	-0,7133		

*

5.

*

	0,8845							
R-	0,7824							
	0,6736							
	0,4855							
	10,0000							
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>F</i>			
	3	5,0856	1,6952	7,1915	0,0206			
	6	1,4144	0,2357					
	9	6,5000						
			<i>t-</i>	<i>P-</i>				
					95%	95%	95,0%	95,0%
Y-	-44,501	19,237	-2,313	0,060	-91,572	2,570	-91,572	2,570
X1	1,835	0,500	3,670	0,010	0,611	3,058	0,611	3,058
X3	-0,002	0,119	-0,014	0,989	-0,294	0,290	-0,294	0,290
X6	77,826	22,957	3,390	0,015	21,653	134,000	21,653	134,000

* ĩĩĩĩĩĩĩ ĩĩĩĩĩĩĩ

(2):

$$y_{it} = \alpha + \beta_1 x_{1it} + \beta_2 x_{2it} + \dots + \beta_k x_{kit} + \varepsilon_{it}, \quad (2)$$

i — ; α_{it} , β_{it} — ; *t* — ; *k* —

$$y = 1,83 \times 1 + 77,83 \times X6 - 44,5.$$

1. 1,83. 15-72 1 -

2. (A) i- , -

$$A_i = \frac{(y_i - \hat{y}_i)}{y_i} \times 100\%, \quad (3)$$

A_i — ; \hat{y}_i — ; y_i — ; *i* — 6. -

8-10% 1,006%, -

6.

*

	Y	Y		i-
1	28	27,670	0,330	1,167
2	28	27,982	0,018	0,055
3	27	27,819	-0,819	3,055
4	29	28,703	0,297	0,991
5	29	28,987	0,013	0,012
6	29	28,826	0,174	0,563
7	28	28,327	-0,327	1,207
8	28	28,038	-0,038	0,178
9	30	30,240	-0,240	0,820
10	29	28,408	0,592	2,014
			1,0063	

*

2

(.1).



.1.

1

 R^2 49%.

-
-
-
-
-

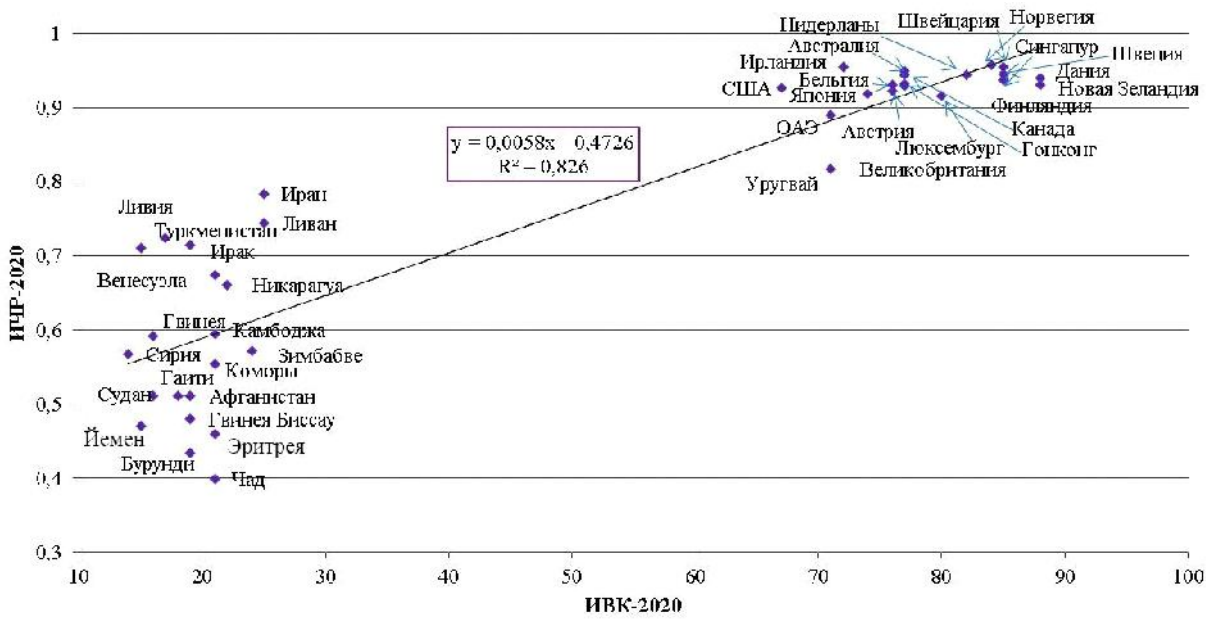
7 40 20 (.2),
 20— 2 2020 .,
 R2 83%,
 40 (.3).
 3 Excel -4,3,
) 2,8% 10,35%.
 (

7. 2020 . 40 * [1], [23]

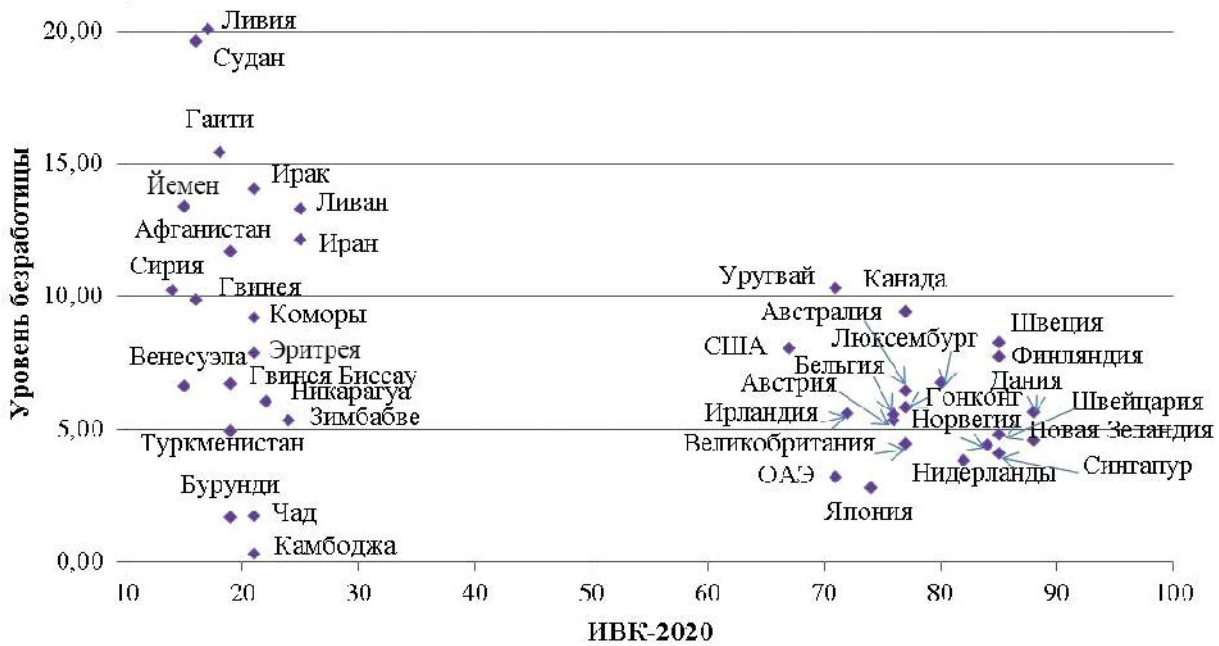
	-2020	-2020	%
	88	0,94	5,64
	88	0,931	4,59
	85	0,938	4,10
	85	0,938	7,76
	85	0,945	8,29
	85	0,955	4,82
	84	0,957	4,42
	82	0,944	3,82
	80	0,916	6,77
	77	0,944	6,46
	76	0,922	5,36
	77	0,949	5,83
	77	0,929	9,46
	71	0,89	3,19
	67	0,926	8,05
	77	0,932	4,47
	76	0,931	5,55
	74	0,919	2,80
	72	0,955	5,62
	71	0,817	10,35
	25	0,783	12,17
	25	0,744	13,30
	24	0,571	5,35
	22	0,66	6,08
	21	0,398	1,74
	21	0,459	7,86
	21	0,554	9,22
	21	0,594	0,33
	21	0,674	14,09
	19	0,511	11,71
	19	0,433	1,71
	19	0,48	6,74
	19	0,715	4,95
	18	0,51	15,45
	17	0,724	20,07
	16	0,592	9,90
	16	0,51	19,65
	15	0,711	6,63
	15	0,47	13,39
	14	0,567	10,26

* [24]

[25]:



2. () , 2020 . ()



3. () , 2020 . ()

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