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The influence of basic elements of production process (labour force, capital assets and financial resources) on profitability of the realized products is considered and analysed on the basis of method of correlation and regression. Logical and statistical adequacy of equalization of regression is appraised; determination of reliability of statistical descriptions of equalization is conducted and actually equalization.

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[1].

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 . . . [2]

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 [4, 5].

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 « » 2003-2009 .,
 i [6].

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 [7]:

$$= 0 + 1 1 + 2 2 + 3 3, \quad (1)$$
 - (), %;

1- 1^{-} ; 2^{-} ; 3^{-} ;
 1^{-} ; 2^{-} ; 3^{-} ;
 1^{-} ; 2^{-} ; 3^{-} ;
(1)

(1) (0) :

$$= -27,2855 + 0,0243 x_1 + 2,6907 x_2 + 17,0769 x_3 . \quad (2)$$

[8].

(2)

(. 1).

1 –

(2)

1.		R	0,978
2. t-	:		
2.1		t_{Rp}	38,54
2.2		t_R	3,71
3.		R^2	0,956
4.	($\hat{}$)		
4.1	:	U^-	0,179
4.2	(), %	$U^- (\bar{v})$	3,856
5. F-			
5.1		F_p	11,38
5.2	($= 0,95$)	F	9,01
6.	- (d-)		
6.1		d	2,77
6.2	($= 0,95$)	d_m	1,75

:

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$$(R = 0,978);$$

$$(U^-)$$

$$(U^-, \bar{v})$$

()

(2)

$$(\hat{}) -$$

$$t_{Rp} > t_R ; F_p > F ; d > d ,$$

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$$(- \hat{}).$$

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$$(R^2 = 0,956)$$

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0,0171 %.

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1 %

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[9].

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$$\gamma = \frac{\sigma}{100} \quad (3)$$

(3):

$$\gamma_1 = \frac{4,6904 \cdot 0,1024}{100} = 0,0048 \ %;$$

$$\gamma_2 = \frac{4,6904 \cdot 0,7117}{100} = 0,0334 \ %;$$

$$\gamma_3 = \frac{4,6904 \cdot 6,0031}{100} = 0,2816 \ %.$$

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1 %

()

0,0048 %;

1 %

0,0334 %;

1 %

0,2816 %.

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(2).

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$$\Delta = \cdot (\quad - \quad_0), \tag{4}$$

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2009 . 2003 .

:

$$U = \quad - \quad_0 = 3,478 - 3,888 = - 0,41 \%$$

(4):

- :

$$U_1 = 0,0243 \cdot (29,027 - 7,818) = 0,515 \%;$$

- :

$$U_2 = 2,6907 \cdot (1,550 - 0,599) = 2,559 \%;$$

- :

$$U_3 = 17,0769 \cdot (1,516 - 1,720) = - 3,484 \%.$$

:

$$U = U_1 + U_2 + U_3 = 0,515 + 2,559 + (-3,484) = - 0,41 \%$$

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[8].

(2009 .)

(2003 .)

1. . .
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2. . .
// . – 2009. – 1.

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3. . .
// : . – 2009. – 15. – C. 53 – 56.

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6. « »

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7. . //
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8. . . //
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9. . . : , ,
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