

()

/ /

/

Lingo

(/)

()

() ()

u

$$u \quad) \\ ($$

u

u

$$(\quad)$$

$$(\quad)$$

u

$$(\quad)$$

u

l

u

$$(\quad)$$

u

$t=1, 2, \dots, 12$	$: t$	(\quad)
$l=1, 2, \dots, 6$	$: l$	
	$: R1_{ki}$	
i	k	
	$: R2_{li}$	
i	l	
	$: R3_{ij}$	
j	i	
	$: C_{ki}$	
i	k	
	$: C_{li}$	
	l	
i	$: C_{ij}$	
j	i	
i	$: d1_{ki}$	
) i	l	
	$: d2_{li}$	
j	i	
	$: d3_{ij}$	
k	$: X_{kit}$	
() t	i
l	$: D_{lit}$	
() t	i
i	$: y_{ijt}$	
() t	j
k	$: P_{kt}$	
() t	
t	$: IMP_{lt}$	
()	$j=1, 2, \dots, 28$
		$j=1, 2, \dots, 28$
		$j=1, 2, \dots, 28$

$$C = a + b/d$$

$$\begin{aligned} &) \quad t \quad j \quad : DEM_{jt} \\ & (\\ & \vdots \\ & t \quad i \quad : E_{it} \\ & C \quad (\quad) \\ &) \quad t \quad i \quad : Stor_{it} \\ & (\\ & d \quad (\quad) \quad K+L+J+2I \\ & (K+L+J+1)I \\ & (3K+3L+3J+2)I + K+L+J \end{aligned}$$

$$C = 0.006 + 2193/d$$

Lingo

()

()

*

*

(/)

)
(

...

:

()

()

()

()

REFERENCES

7. George W. Ladd & Dennis R. Lifferth , August 1975, An Analysis of Alternative Grain Distribution system ,Amer. J. Agr. Economics , 420-429
8. Edward W. Tyrchniewicz & Robert J. Tosterud , December 1973,Grain Handling and transportation, Amer. J. Agr. Economics , 805-813