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$$\begin{aligned} & \text{Max } Y_s = \sum_{r=1}^n y_{rs} \mu_s \quad r=1, \dots, n \\ & \text{subject to} \\ & \sum_{i=1}^m x_{is} \mu_s \leq Y_s \quad i=1, \dots, m \\ & \sum_{r=1}^n y_{rs} \mu_s \leq Y_s \quad r=1, \dots, n \\ & \mu_s \geq 0 \end{aligned}$$

t

$$S_{is} f^i z_s^i v_{is} u_{is} i \quad m \quad s \quad k$$

$$S_{is} = \text{DUM}_{is}^i \cdot f^i z_{is}^i$$

$$S_{is} = z_{is} = z_{s1} z_{s2} \dots z_{sk}$$

$$v_{is} = \sum_{i=1}^i u_{is}^i$$

$$K = \sum_{i=1}^i v_{is}^i$$

$$x_{is}^A = x_{is} \cdot z_{is}^i \cdot v_{is}^i \cdot m \cdot s \cdot k$$

$$x_{is}^A = x_{is}$$

$x_{is}$

2

	600095		1997		1119.35
	000639		1996		6689.67
	000893		1998		5170.86
	600127		1998		1813.84
	000048		1994		1959.74
	000702		1997		640.14
	000876		1998		37385.04
	600438		2004		21398.65
	002100		2006		4490.82
	002124		2007		2490.09
	002157		2007		12258.95
	002311		2009		10287.89
	002385		2010		15258.18
	002548		2011		3408.02
	002567		2011		4733.21
	603609		2014		5169.47
	603668		2017		983.83

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TE	165	0.3127	0.2932	1	0.001
PTE	165	0.8721	0.1257	1	0.939
SE	165	0.3689	0.3338	1	0.001
CR 5	165	0.1787	0.1318	0.6805	0.0120
Z	165	0.6350	0.1938	0.9790	0.2177
HI	165	0.2061	0.2178	0.7677	0
TE	165	84.6174	215.6409	2278.2600	0
DA	165	0.4278	0.1921	0.9947	0.0436
SIZE	165	40.0142	57.2180	352.1708	2.4774
R&D	165	0.7925	0.7295	504.3959	0
YEAR	165	16.9091	3.9997	29	7

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