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.(Management and Planning Organization, 2004)

(2004) Soltani

(1997) Dashti Moghadam
Torkamani & (2000) Amini (1998) Mehrgan
(2000) Shahnooshi & Salami (2000) Bagheri
Hejazi & Yazdani (2003) Akbari & Ranjkesh
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Tahamipoor (2006) Mirjalili & Heydarpoor (2005) (1997)
(2007) Tahamipoor et al. (2007) & Shahmoradi
(2007) Alirezaei et al. (2007) Abbasian & Mehrgan

(2008) Shabani

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Diewert . (Management and Planning Organization, 2004)

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(K) (L)

$$AP_{li} = \frac{VA_i}{L_i} \quad ($$

$$AP_{ki} = \frac{VA_i}{K_i} \quad ($$

$$AP_{ri} = \frac{VA_i}{R_i} \quad ($$

$$CI = VCS \times (ROC + RDE) + CRE$$

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AP_{Ri} AP_{Ki} AP_{Li} :

$$\left(\begin{matrix} VCS \\ CRE \end{matrix} \right) \begin{matrix} CI \\ ROC \\ RDE \end{matrix} \quad VA_i \quad R_i \quad K_i \quad L_i$$

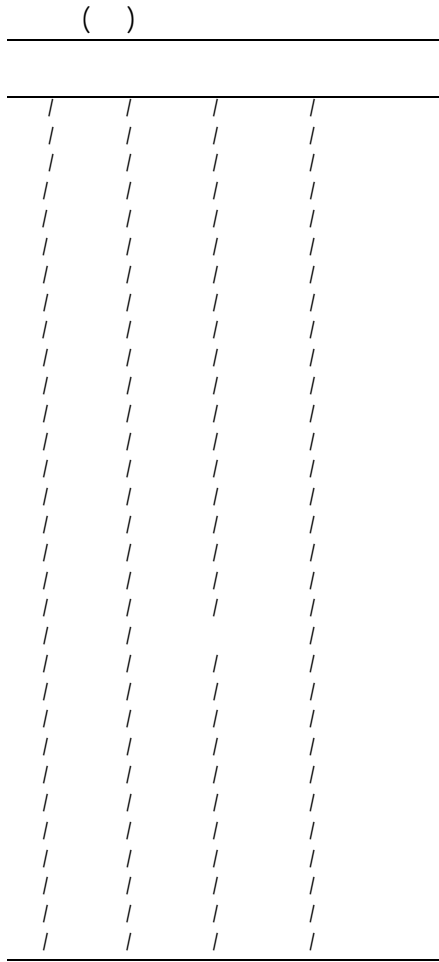
(VCS)

(2008) Shabani

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(1976) Ward

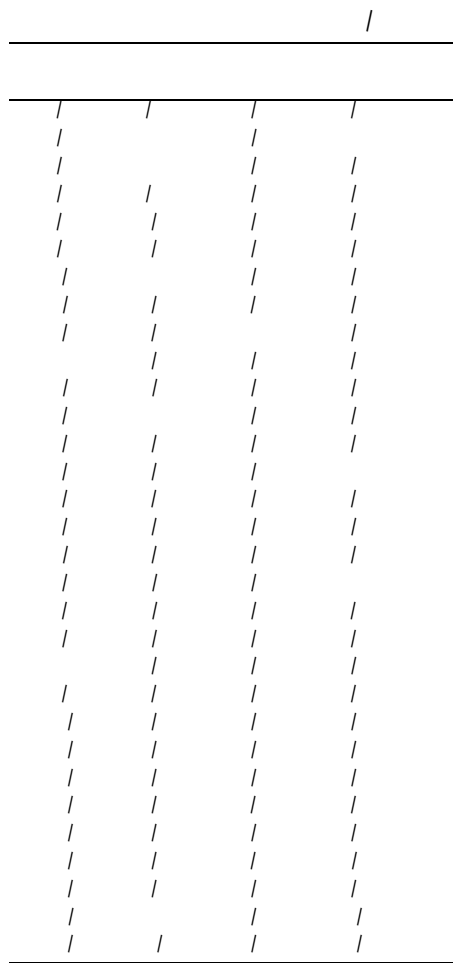
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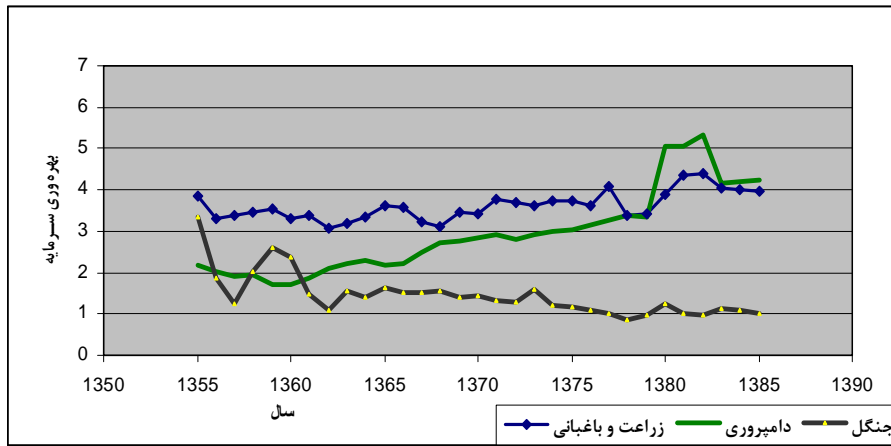


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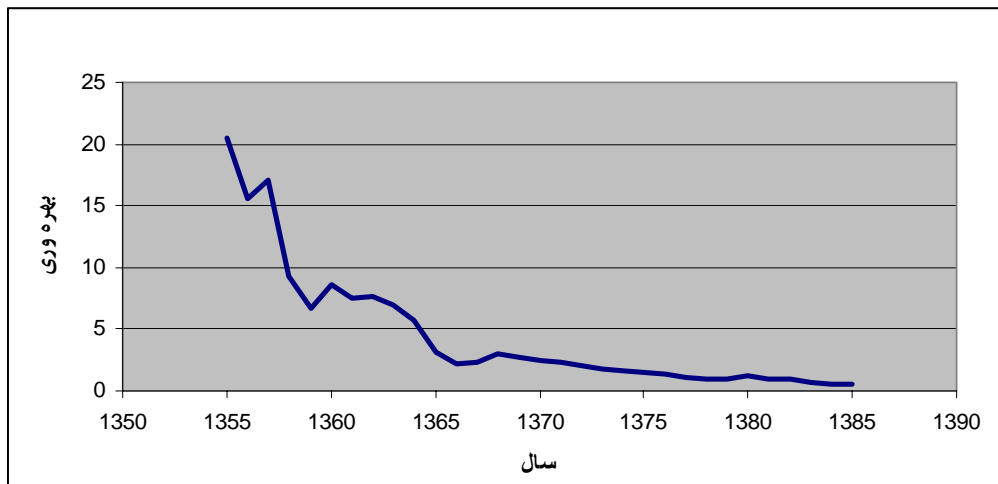
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