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SPSS 10

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2003; Sanyang, 2001; Roseboom & Rutten ,1998)

(FAO, 1993; ISNAR & WARDA, 2001; Janssen, 2002; Mrema, 1998; Oritz, 1998; Pingali & Morris,

(Yazdi-Samadi,

Torabi (1990) .1989)

.(Kochki, 2003)

" "

.(Pardey & Beintema, 2001; Pretty ,1995)

Resoulof (1995)

(Mortazavi et al., 2006;

.Braunschweig, 2000)

Nejefi .

(1997)

.(Rajalahti et al., 2005)

.(Sharifzadeh et al., 2006)

.(Nejefi & Zare, 1997)

.(Mar'ashi & Sheykhhan, 2002)

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SPSS

Expert Choice

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:(appropriateness) (Conceptual Proximity)

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:(effectiveness) ( )

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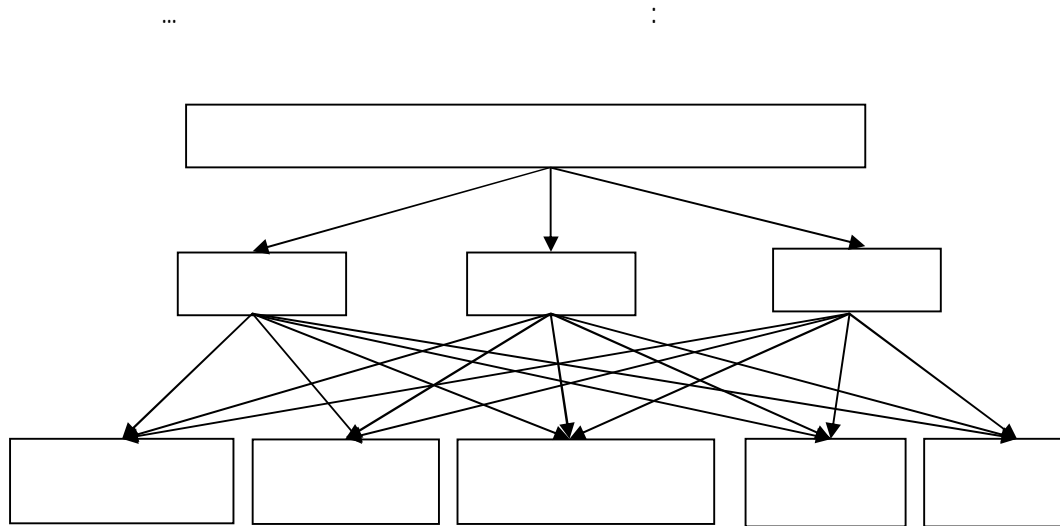
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(AHP)

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$$r_{ij} = \frac{a_{ij}}{\sum_{i=1}^m a_{ij}} \quad ($$


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$$W = \frac{1}{N} \left[ \sum_{j=1}^N r_{ij} \right] \quad ($$

N          W

rij

$$A_{ij} = \left[ \prod_{k=1}^n a_{ij}^k \right]^{1/n} \quad ($$

a          Aij

ij

k

n

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$$W = \sum_{i=1}^n W_{ai} W_{ci} \quad ($$

W  
 $\sum_{i=1}^n W_{ci}$   
 $\sum_{j=1}^n W_{ci}$   
 IR (Inconsistency Ratio)

( )  
 ( )  
 AHP  

$$\lambda_{\max} = \frac{1}{N} \sum_{i=1}^n \frac{\bar{a} * W_{ij}}{W_{ij}} \quad ( )$$

$\bar{a}$   
 $\lambda_{\max}$   
 $\sum_{ij} W_{ij}$   
 $\sum_{ij} W_{ij}$   

$$C.T = \frac{\lambda_{\max} - n}{n - 1} \quad ( )$$

$\lambda_{\max}$   
 $n$   
 (Random Index)  
 (Asadi et al., 2007)

C.I  

$$C.R = \frac{C.I}{R.I} \quad ( )$$

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(Saaty,1990)

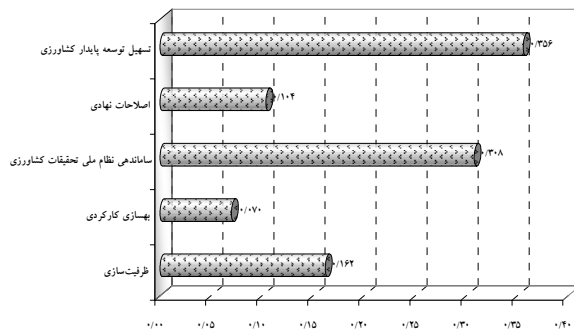
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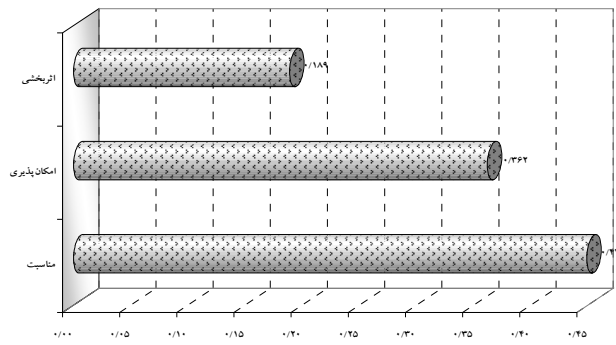
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(Izac & Sanchez, 2001)

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(Gholamrezaei et al., 2007)

(Sharifzadeh et al., 2006)

(institutional capital)

(Zare-Fizabadi & Kochki, 1997)

(institutional mapping)

(Malek\_Mohammadi et al., 1999; Norei\_Naeini,



.1993)

(Byerlee, 1998; Byerlee &  
.Echeverría, 2002)

.(World Bank, 2007)

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