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(Hunt, 2001)

(ASAE)

(ASAE,

.2000b)

(Hunt, 2001)

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(Replacement)

(ASAE, 2000a)

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(Ashtyani *et al.*, 2006)

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(Najafi & Zibae, 2004)

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(Koupahi & Kazem Nejad, 1997)

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(Najafi & Shajari,

(DEA)

.1997)

Farell,)

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(1957

(Banaeian *et al.*, 2010)

DEA

(Mohammadi *et al.*, 1998)

(Imami

.Meybodi, 2000)

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(CRS)

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(VRS)

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(VRS)

(Banker et al., 1984)

(Charnes et al., 1978)

∑_r u_r y_{rj0} Max ()

∑_i v_i x_{ij0} = 1 s.t. ()

∑_r u_r y_{rj} - ∑_i v_i x_{ij} ≤ 0 for j=1,2,...,n

u_r ≥ ε for j=1,2,...,s

v_i ≥ ε for j=1,2,...,m

(x)

()

()

(y)

(y/x)

(Anon., 2007)

DEA-Solver

DEA

(Charnes,

(Ghasiri et al., 2008)

.1978)

= (u₁y₁^{j*} + u₂y₂^{j*} + ... + u_Ny_N^{j*}) / (v₁x₁^{j*} + v₂x₂^{j*} + ... + v_Mx_M^{j*}) ()

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DEA-Solver

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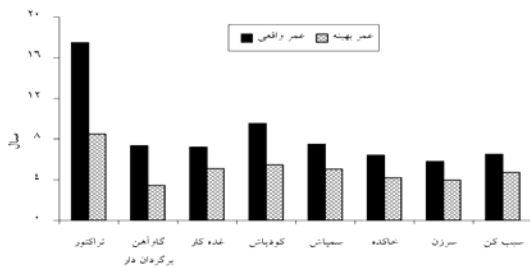
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