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Agric. Econ Czech

**Aly S, Vrana I.
Multiple parallel
expert systems
utilizing a hierar
fuzz model**

Agric. Econ. – Czech, 53

Business, economic, and YES-or-NO decision making often require multiple, different specific expertises. This is nature of such problems in decisions may be influenced different, relevant aspects accordingly multiple corresponding expertises are required. For

systems (FESs) are widely expertises due to its capital real world values, which are exact, but frequently vague. In this research, different criteria relevant to the decision so modeled using several criteria FESs. Every FES produce numerical output expressing of bias toward " Yes" or " No" decision. A unified scale standardized for numerical FESs. This scale ranges from 0 to 100 where the value 0 represents bias " No" decision and 100 represents a complete bias " Yes" decision. Intermediate values represent the degree of bias either toward " Yes" or " No" decision. These systems are integrated to comprehensive binary decision problem, involving all such expertises. Practical reasons for independency of multiple FESs can be related to maintainability, decision re