

## Supplementary Figures:

Rule Editor: BURNOUT\_MIDWIVES\_final2

File Edit View Options

1. If (EducationPractise is L) and (OrganizationalFactors is L) and (WorkingConditions is L) and (Interp.Relation. is L) then (BURNOUT is H) (1)  
2. If (EducationPractise is L) and (OrganizationalFactors is L) and (WorkingConditions is L) and (Experience is L) then (BURNOUT is H) (1)  
3. If (EducationPractise is L) and (OrganizationalFactors is L) and (WorkingConditions is L) and (Individ.Factors is L) then (BURNOUT is H) (1)  
4. If (EducationPractise is L) and (OrganizationalFactors is L) and (WorkingConditions is L) and (FamilySupport is L) then (BURNOUT is H) (1)  
5. If (EducationPractise is L) and (OrganizationalFactors is L) and (Interp.Relation. is L) and (Experience is L) then (BURNOUT is H) (1)  
6. If (EducationPractise is L) and (OrganizationalFactors is L) and (Interp.Relation. is L) and (Individ.Factors is L) then (BURNOUT is H) (1)  
7. If (EducationPractise is L) and (OrganizationalFactors is L) and (Interp.Relation. is L) and (FamilySupport is L) then (BURNOUT is H) (1)  
8. If (EducationPractise is L) and (OrganizationalFactors is L) and (Experience is L) and (Individ.Factors is L) then (BURNOUT is H) (1)  
9. If (EducationPractise is L) and (OrganizationalFactors is L) and (Experience is L) and (FamilySupport is L) then (BURNOUT is H) (1)  
10. If (EducationPractise is L) and (OrganizationalFactors is L) and (Individ.Factors is L) and (FamilySupport is L) then (BURNOUT is H) (1)  
11. If (EducationPractise is L) and (WorkingConditions is L) and (Interp.Relation. is L) and (Experience is L) then (BURNOUT is H) (1)  
12. If (EducationPractise is L) and (WorkingConditions is L) and (Interp.Relation. is L) and (Individ.Factors is L) then (BURNOUT is H) (1)  
13. If (EducationPractise is L) and (WorkingConditions is L) and (Interp.Relation. is L) and (FamilySupport is L) then (BURNOUT is H) (1)  
14. If (EducationPractise is L) and (WorkingConditions is L) and (Experience is L) and (Individ.Factors is L) then (BURNOUT is H) (1)  
15. If (EducationPractise is L) and (WorkingConditions is L) and (Experience is L) and (FamilySupport is L) then (BURNOUT is H) (1)  
16. If (EducationPractise is L) and (WorkingConditions is L) and (Individ.Factors is L) and (FamilySupport is L) then (BURNOUT is H) (1)  
17. If (EducationPractise is L) and (Interp.Relation. is L) and (Experience is L) and (Individ.Factors is L) then (BURNOUT is H) (1)  
18. If (EducationPractise is L) and (Interp.Relation. is L) and (Experience is L) and (FamilySupport is L) then (BURNOUT is H) (1)  
19. If (EducationPractise is L) and (Interp.Relation. is L) and (Individ.Factors is L) and (FamilySupport is L) then (BURNOUT is H) (1)

If EducationPractise is and OrganizationalFactors is and WorkingConditions is and Interp.Relation. is and Experience is

L H none L H none L H none L H none L H none

not  not  not  not  not

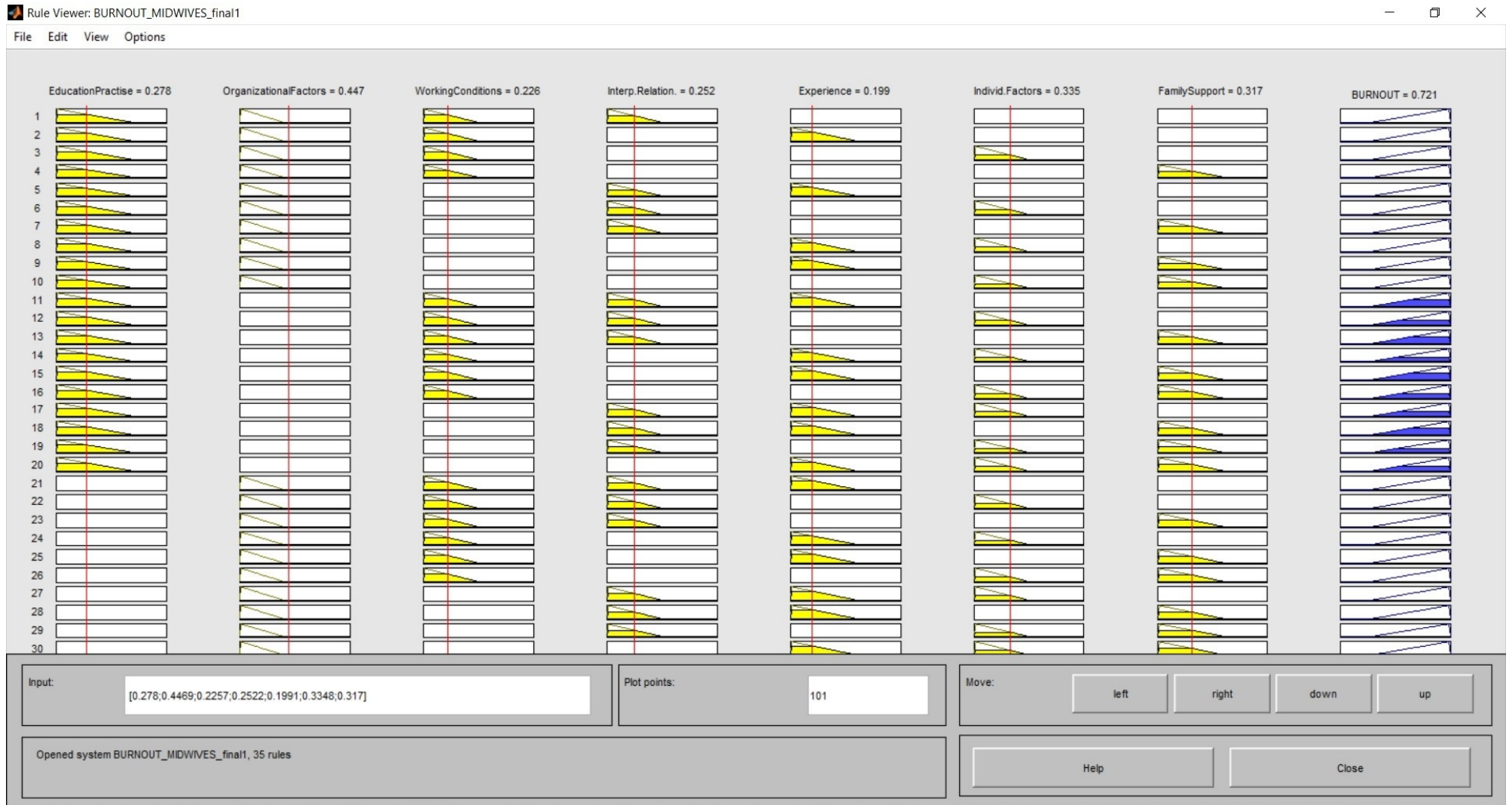
Connection:  or  and

Weight: 1

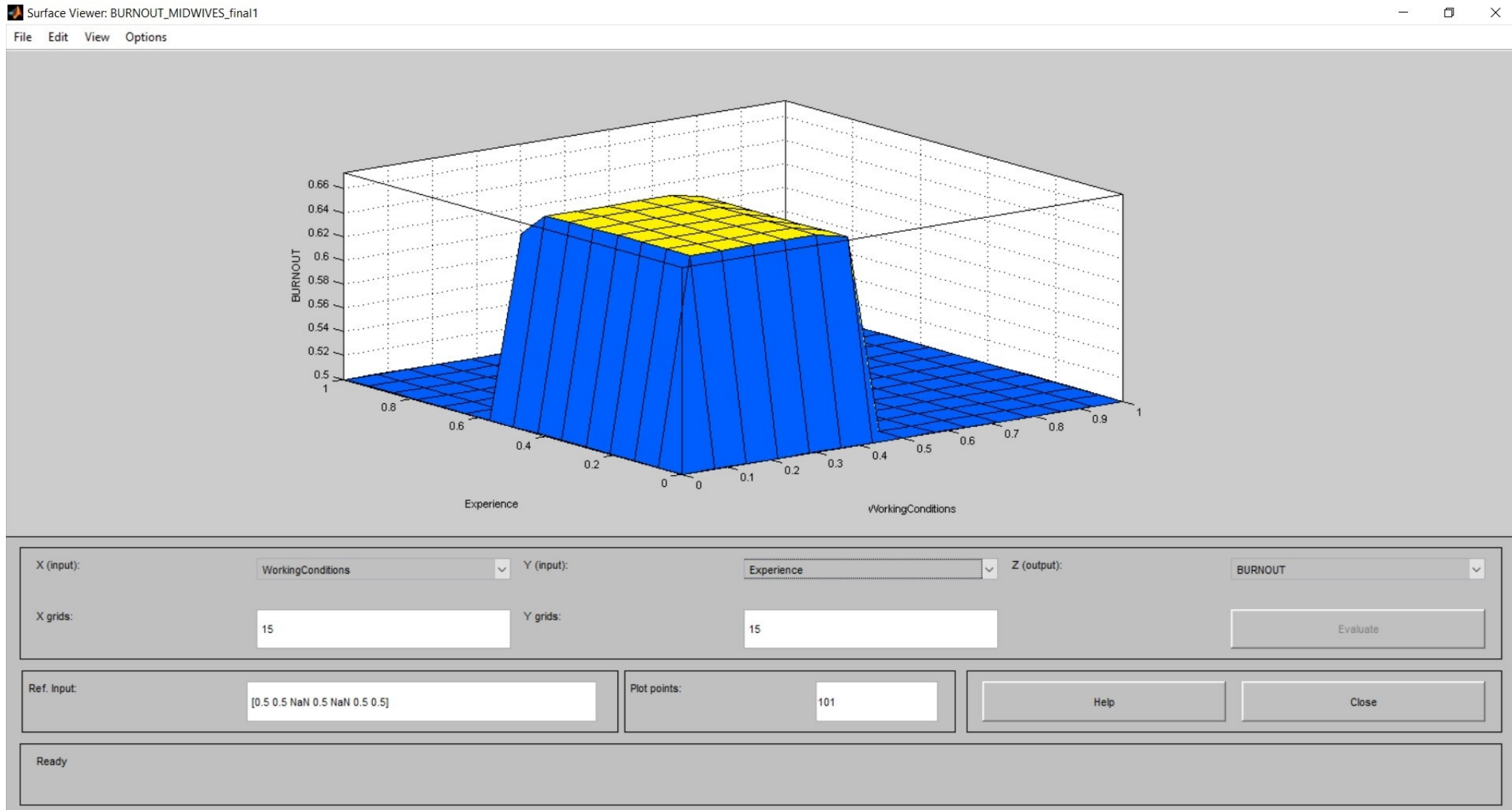
Delete rule Add rule Change rule << >>

FIS Name: BURNOUT\_MIDWIVES\_final2 Help Close

Figure 1. Fuzzy rules defined in MATLAB



**Figure 2. The relationship given by MATLAB between the input variables Experience, Working Conditions and the Output variable Burnout**



**Figure 3. Sample MATLAB output: A ‘Low Education Level’, a ‘Medium Level of Organizational Factors’, a ‘Low Level of Working Conditions’, etc., would result in a ‘Medium Level of Burnout’**