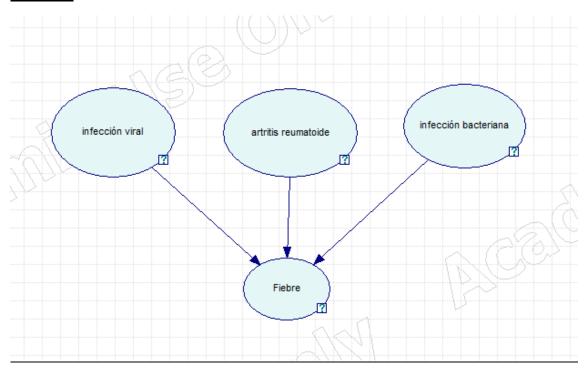
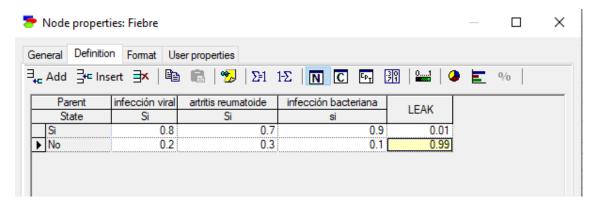
PRÁCTICA 2. SISTEMAS INTELIGENTES 2.

Ana Martín Conejo. Ing.Informática B.

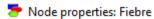
Modelo:

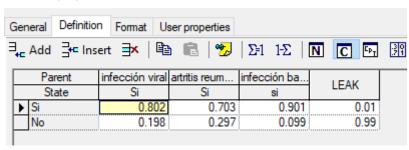


Sin ruido(Tabla 1):

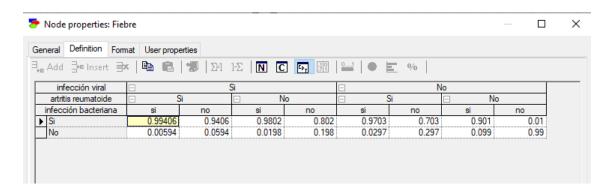


Con ruido(Tabla 2):

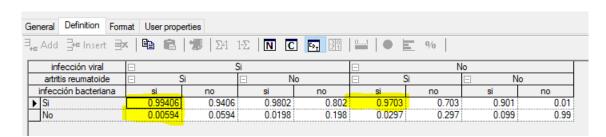




Probabilidad condicionada(Tabla 3):



Casos escogidos para calcular:



Anotación:

f=Fiebre iv=infección viral ar=artritis reumatoide ib=infección bacteriana

Cálculos a mano:

P(+f/+iv,+ar,+ib,+r) = 1-P(-f/+iv,+ar,+ib,+r) = 1-(0.2*0.3*0.1*0.99) = 0.99406 P(-f/+iv,+ar,+ib,+r) = 0.2*0.3*0.1*0.99 = 0.00594P(+f/-iv,+ar,+ib,+r) = 1-P(-f/-iv,+ar,+ib,+r) = 1-(0.3*0.1*0.99) = 0.9703