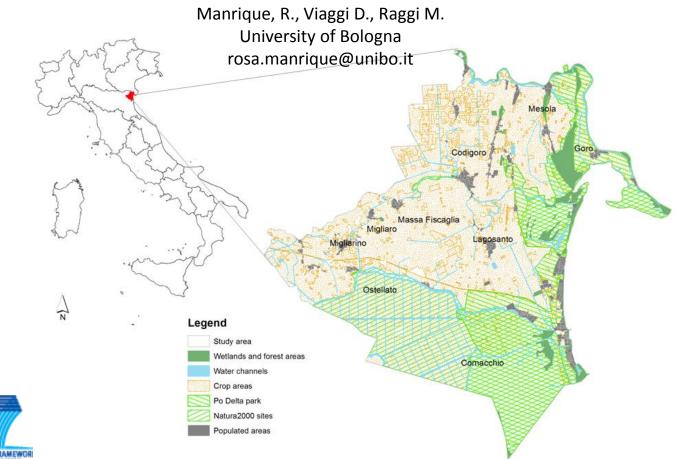


Supporting the role of the Common agricultural policy in LAndscape valorisation: Improving the knowledge base of the contribution of landscape Management to the rural economy

http://www.claimproject.eu/

Using BBN to evaluate the influence of landscape on the creation of second-order effects: the case of agritourism in

Northern Italy





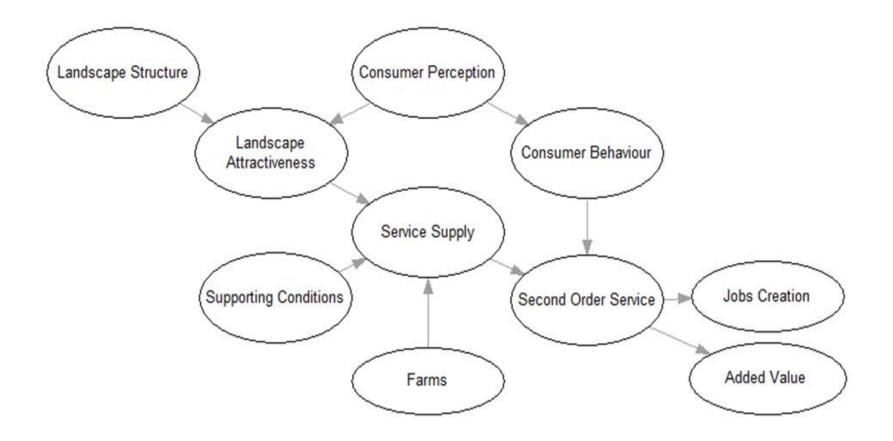


Fig.1. Direct acyclic graph of the probabilistic network

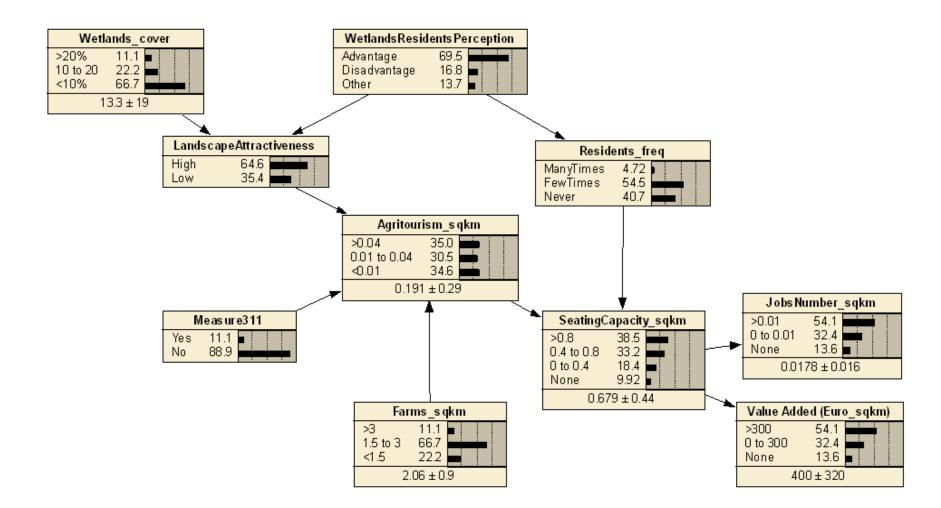


Fig.2. The BBN for the study area using the agritourism as service producer

Variable (Node) **Entropy reduction** (%) Seating Capacity Agritourism/sakm (10.5)0.02081 Residents freq 0.01057 (5.34)Wetlands Residents Perception Wetlands cover Farms/sqkm 0.003106 (1.57)69.5 >20% 11.1 Advantage 10 to 20 22.2 16.8 13.7 Disadvantage 66.7 <10% Other Landscape attractiveness 0.002633 (1.33)13.3 ± 19 Wetlands' residents perception 0.0005878 (0.297)LandscapeAttractiveness Residents freq High 64.6 ManyTimes 4.72 Measure311 7.989e-05 (0.0404)35.4 Low 54.5 40.7 FewTimes Never Wetlands cover (%) 7.075e-06 (0.00358)Agritourism sąkm 0.04 35.0 01 to 0.04 30.5 0.01 34.6 ↓ Agritourism density ⊲0.01 0.191 ± 0.29 JobsNumber sqkm >0.01 54.1 0 to 0.01 32.4 Farms/sqkm Measure311 SeatingCapacity_sqkm 0.01497 (17.6)Yes 11.1 🗖 >0.8 38.5 13.6 None No 88.9 0.4 to 0.8 33.2 💻 O to 0.4 18.4 🔳 0.0178±0.016 Measure311 0.001605 (1.89)None 9.92 0.679 ± 0.44 Farms sykm Value Added (Euro sqkm) 54.1 32.4 Landscape attractiveness 0.0006705 >3 11.1 >300 (0.788)1.5 to 3 66.7 <1.5 22.2 0 to 300 13.6 None 2.06 ± 0.9 400 ± 320 Wetlands' residents perception 0.0001325 (0.156)**Residents frequency** 1.926e-06 (0.00226)Wetlands cover (%) 1.859e-06 (0.00219)Landscape attractiveness Wetlands' residents perception 0.14074 (15)Wetlands cover (%) 0.00205 (0.218)

Table 1. sensitivity analysis



Supporting the role of the **C**ommon agricultural policy in **LA**ndscape valorisation: Improving the knowledge base of the contribution of landscape **M**anagement to the rural economy

http://www.claimproject.eu/

More info: rosa.manrique@unibo.it

Thank you



