1. **Rules Extracted by Machine Learning**

Minimum support: 0.3 (19 instances)  
Minimum metric <confidence>: 0.9  
Number of cycles performed: 14  
  
Generated sets of large itemsets:  
  
Size of set of large itemsets L(1): 25  
  
Size of set of large itemsets L(2): 46  
  
Size of set of large itemsets L(3): 32  
  
Size of set of large itemsets L(4): 6  
  
**Best rules found:**  
1. Association\_Investigated=0 36 ==> CasesInfluencingEurCooperation=0 36    <conf:(1)> lift:(1.21) lev:(0.1) [6] conv:(6.19)

2. CaseOrigine=2.2.1 Decision\_Making=18.1 25 ==> Homogeneity\_Market=1 25    <conf:(1)> lift:(1.45) lev:(0.12) [7] conv:(7.81)  
3. Homogeneity\_Market=1 Association\_Investigated=0 24 ==> CasesInfluencingEurCooperation=0 24    <conf:(1)> lift:(1.21) lev:(0.06) [4] conv:(4.13)  
4. GeograficalMarket=21.1 23 ==> CasesInfluencingEurCooperation=0 23    <conf:(1)> lift:(1.21) lev:(0.06) [3] conv:(3.95)  
5. Practice\_Impact=11.7.3 22 ==> CasesInfluencingEurCooperation=0 22    <conf:(1)> lift:(1.21) lev:(0.06) [3] conv:(3.78)  
 6. Transparency=1 22 ==> Homogeneity\_Market=1 22    <conf:(1)> lift:(1.45) lev:(0.11) [6] conv:(6.88)  
 7. Association\_Investigated=0 Decision\_Making=18.1 22 ==> CasesInfluencingEurCooperation=0 22    <conf:(1)> lift:(1.21) lev:(0.06) [3] conv:(3.78)  
 8. CaseOrigine=2.2.1 CasesInfluencingEurCooperation=0 Decision\_Making=18.1 22 ==> Homogeneity\_Market=1 22    <conf:(1)> lift:(1.45) lev:(0.11) [6] conv:(6.88)  
 9. CaseCategory=1.5 Decision\_Making=18.1 21 ==> Homogeneity\_Market=1 21    <conf:(1)> lift:(1.45) lev:(0.1) [6] conv:(6.56)  
10. GeograficalMarket=21.1 Homogeneity\_Market=1 21 ==> CasesInfluencingEurCooperation=0 21    <conf:(1)> lift:(1.21) lev:(0.06) [3] conv:(3.61)  
11. InitialDocument=5.2 Association\_Investigated=0 20 ==> CasesInfluencingEurCooperation=0 20    <conf:(1)> lift:(1.21) lev:(0.05) [3] conv:(3.44)  
12. Practice\_Impact=11.7.3 Homogeneity\_Market=1 20 ==> CasesInfluencingEurCooperation=0 20    <conf:(1)> lift:(1.21) lev:(0.05) [3] conv:(3.44)  
13. Transparency=1 CasesInfluencingEurCooperation=0 20 ==> Homogeneity\_Market=1 20    <conf:(1)> lift:(1.45) lev:(0.1) [6] conv:(6.25)  
14. Homogeneity\_Market=1 empodia\_eisodou=1 20 ==> CasesInfluencingEurCooperation=0 20    <conf:(1)> lift:(1.21) lev:(0.05) [3] conv:(3.44)  
15. CaseOrigine=2.2.1 InitialDocument=5.2 Decision\_Making=18.1 20 ==> Homogeneity\_Market=1 20    <conf:(1)> lift:(1.45) lev:(0.1) [6] conv:(6.25)  
16. Homogeneity\_Market=1 Association\_Investigated=0 Decision\_Making=18.1 20 ==> CasesInfluencingEurCooperation=0 20    <conf:(1)> lift:(1.21) lev:(0.05) [3] conv:(3.44)  
17. CaseCategory=1.2 19 ==> CasesInfluencingEurCooperation=0 19    <conf:(1)> lift:(1.21) lev:(0.05) [3] conv:(3.27)  
18. DiapistoshParavashs=4.8.2 19 ==> CasesInfluencingEurCooperation=0 19    <conf:(1)> lift:(1.21) lev:(0.05) [3] conv:(3.27)  
19. CaseCategory=1.5 CaseOrigine=2.2.1 23 ==> Homogeneity\_Market=1 22    <conf:(0.96)> lift:(1.39) lev:(0.1) [6] conv:(3.59)  
20. empodia\_eisodou=1 22 ==> CasesInfluencingEurCooperation=0 21    <conf:(0.95)> lift:(1.15) lev:(0.04) [2] conv:(1.89)  
21. CaseOrigine=2.2.1 InitialDocument=5.2 22 ==> Homogeneity\_Market=1 21  <conf:(0.95)> lift:(1.39) lev:(0.09) [5] conv:(3.44)  
22. EpivolhProstimoy=4.11.2 21 ==> Homogeneity\_Market=1 20    <conf:(0.95)> lift:(1.39) lev:(0.09) [5] conv:(3.28)  
23. EpivolhProstimoy=4.11.2 21 ==> CasesInfluencingEurCooperation=0 20    <conf:(0.95)> lift:(1.15) lev:(0.04) [2] conv:(1.8)

1. **Rules Extracted by Manually Processing Legislation**

* **IF** undertakings by a vertical agreement agree on product prices/discounts/profit margins **THEN** infringement of Art.1.
* **IF** an association by a decision imposes specific pricelists to its members **THEN** infringement of Art.1.
* **IF** MS of undertakings participating in an agreement don’t exceed 5% in the relevant market **THEN** competition is not affected and art. 1 doesn’t apply.
* **IF** one or more dominant undertakings directly or indirectly impose unfair purchase or selling prices or other unfair trading conditions **THEN** infringement of Art.2 (Abuse of dominant position).
* **IF** undertakings have large Market Shares for many years **THEN** undertakings with dominant position.
* **IF** a refusal to supply by a dominant undertaking is objectively justified **THEN** it does not constitute Infringement/abusive conduct
* **IF** Cases don’t influence EurCooperation **THEN** Art.101 is not applied.