

Appendix 1: Rates of the outcomes for each variable characterising rural forest case studies, following ‘forest groups’ and ‘variables classes’ provided by the Hierarchical Cluster Analysis. Mean value of a determined variable class: in red, means that it is significantly under (<2) the average; in bold, means that it is significantly above (>3.4) the average.

Groups		1	2			3	4			5		
Variables	Class	Moroccan Forest Agdals	Indonesian Agroforest	Cameroon comunitary forest	Indian Forest reserve	Indian Agroforest	Argan Forest	Corsican Chestnut	Cevennes Chestnut	Ash Tree Gascony (Pyrenees)	Truffle-oak Forest	
		Non formal collective actions	1	2	2	3	3	1	3			4
Fodder	1	5	1	1	5	3	5	4	4	2	4	3
Transformation of forest products	1	1	1	3	3	2	5	5	3	2	4	2
Valorization of forest products	1	1	1	3	2	2	5	5	5	1	2	4
Transformations of the social systems	1	3	2	2	3	2	3	4	4	3	4	1
Mean		2,4	1,4	2,4	3,2	2	4,2	4,2	3,8	2,2	3,2	2,4
Domestication of the tree stands	2	4	3	1	2	5	5	5	5	4	2	3
Domestication of landscape	2	5	2	1	2	5	5	5	5	5	5	3
Fragmentation of forests in the landscape	2	3	1	1	2	2	1	1	1	5	4	5
Private landownership	2	1	3	1	1	5	3	4	4	5	5	5
Influence individual actors	2	1	3	1	2	5	3	5	5	5	5	5
New actors not from Sustainable Development sector	2	1	1	1	1	3	1	2	3	3	4	2
Regards by the users of the restriction of use	2	2	2	1	3	2	3	4	4	5	4	5
Functions of territory marking and land appropriation	2	4	5	1	1	5	4	2	2	3	4	5

Traditional Knowledge on tree stand management	2	4	2	2	1	4	3	2	4	5	1	4
Mean		2,8	2,4	1,1	1,7	4	3,1	3,3	3,7	4,1	3,8	4,1
Level of Transformation of the natural ecosystem	3	2	4	2	2	4	3	5	5	2	4	3
Domestication of trees	3	2	3	1	1	4	3	5	5	2	4	2
Importance of tourism in rural forest	3	1	1	1	2	4	4	5	3	2	3	1
Commercial functions	3	1	5	4	2	5	4	5	5	2	2	5
Identity function	3	3	4	3	3	5	5	5	5	3	3	2
Traditional Knowledge on individual trees management	3	4	3	2	1	4	5	5	5	2	5	3
Organisational knowledge	3	5	3	3	2	3	3	5	4	2	2	3
Political knowledge	3	1	3	2	3	5	3	5	4	2	2	3
Increase in forest surfaces	3	1	3	2	1	4	1	5	3	2	1	2
Dynamics in the practices observed	3	2	3	4	1	4	4	5	4	1	4	4
Integration forest/other activities	3	3	4	3	3	3	3	5	4	2	2	3
Mean		2,3	3,3	2,5	1,9	4,1	3,5	5	4,3	2	2,9	2,8
Stability of the ecosystem	4	2	4	5	4	1	3	3	3	5	5	2
multi-use of forest	4	4	5	5	4	4	5	4	4	5	4	3
Timber harvesting	4	2	4	4	2	4	1	1	2	3	2	1
Firewood harvesting	4	5	3	2	5	5	4	3	3	4	3	3
self-consumption or use	4	5	4	5	5	5	4	2	2	4	5	4
Patrimonial functions	4	5	5	3	2	5	5	5	5	5	3	5
Stakes in the construction of the territories	4	4	4	5	5	5	5	5	4	4	3	3

Ancianity of the use	4	5	5	3	4	2	5	5	5	5	5	4
Mean		4	4,3	4	4	4	4	3,5	3,5	4,4	3,8	3,1
Level of tree cover	5	1	5	5	5	4	4	4	4	1	1	3
New speakers from Sustainable Development sector	5	3	4	4	4	2	5	3	4	1	2	4
Non Timber Forest Products	5	1	5	5	5	3	5	5	5	3	4	5
Exogenous new practices	5	1	4	3	3	2	5	1	3	1	3	4
Biodiversity stakes	5	3	5	5	5	5	4	3	4	3	4	4
Mean		1,8	4,6	4,4	4,4	3,2	4,6	3,2	4	1,8	2,8	4
Diversity of tree species	6	2	5	5	5	4	1	1	1	4	1	2
Collective ownership	6	5	4	5	2	1	4	2	1	1	1	1
State ownership	6	5	5	5	5	1	4	1	2	1	1	2
Influence of traditional collective institutions in forest management	6	5	4	4	3	1	4	1	1	1	1	1
Existence of rules established at the collective level	6	5	5	4	3	1	5	3	3	1	1	2
Control level of collective rules	6	5	4	4	3	1	4	2	2	1	1	1
Importance of agriculture in forest	6	1	4	4	1	5	4	1	1	1	1	1
Sacred functions	6	3	1	4	3	1	4	1	1	1	1	1
Functions of reserves/security	6	5	4	4	2	4	3	2	3	1	1	3
Naturalist knowledge mobilized in forest	6	3	4	5	1	2	3	2	3	2	1	4

management												
Traditional knowledge in landscape management	6	4	3	4	1	2	5	2	3	2	1	1
Regression of forest surfaces	6	4	3	2	2	1	1	2	2	1	1	1
Integration forest/agriculture	6	4	4	5	2	5	5	3	3	2	1	1
Economic stakes	6	3	5	5	2	5	5	3	3	2	1	3
Mean		4	4	4,3	2,5	2,4	3,7	1,9	2,1	1,5	1	1,7
Explicit conflicts between policies and local actors	7	5	4	2	4	4	5	3	2	1	1	2
Place of State in forest management	7	3	5	3	5	3	4	2	3	1	3	2
Restriction of the rights of the users by the State	7	4	4	3	5	3	3	1	1	1	1	2
Control level of national rules	7	3	3	2	5	4	3	1	1	2	1	1
Erosion and water conservation stakes	7	5	3	2	5	5	5	3	3	3	1	3
Social stakes	7	5	5	4	5	5	5	5	4	3	2	2
Mean		4,2	4	2,7	4,9	4	4,2	2,5	2,3	1,8	1,5	2