Appendix 5 Most cited factors, centrality and frequency

Table 1 Regenerative practices linked to Land degradation, times cited by participating farmers and strength of influence (weight) before and after PM&E

LAND DEGRADATION	pre PM&E		Post PM&E	
	times cited	weight	times cited	weight
Regenerative practices				
Organic amendments	5	0,38	7	0,50
Green Manure	4	0,38	9	0,56
Reduced tillage	4	0,38	8	0,26

Table 2 Most cited factors and regenerative practices linked to production, times cited by participating farmers and strength of influence (weight) before and after PM&E

PRODUCTION	pre PM&E		post PM&E	
	times cited	weight	times cited	weight
Water availability	10	0,90	10	0,88
Soil fertility	6	0,52	7	0,60
Soil biodiversity	5	0,48	-	-
Late frosts	9	-0,46	8	-0,70
Organic matter	4	0,36	6	0,30
Cultivation practices	-	-	3	0,50
Regenerative practices				
Organic amendments	4	0,58	8	0,72
Green Manure	3	0,34	7	0,28
Reduced tillage	4	0,28	8	0,22
Land degradation		-0,52		-0,30

Table 3 Factors mentioned before and after PM&E organized from higher to lower centrality

pre PM&E		post PM&E	
FACTORS	Centrality	FACTORS	Centrality
Land degradation	7,18	Land degradation	8,58
Production	6,84	Regenerative agriculture	7,66
Regenerative agriculture	6,44	Production	7,20
Green manure	2,62	Organic amendments	3,08
Organic amendments	2,50	Green manure	2,46
Water availability	2,22	Water availability	2,18
Reduced tillage	1,82	Reduced tillage	1,70
Soil biodiversity	1,26	Soil fertility	1,32
Soil fertility	1,20	Organic matter	1,06
Organic matter	0,94	Soil biodiversity	0,90
Pollination	0,92	Soil structure	0,82

Almond price	0,84	Torrential rainfalls	0,80
Intensive tillage	0,72	Self-fulfillment, satisfaction and personal development	0,80
Self-fulfillment, satisfaction and personal development	0,70	Late frosts	0,78
Torrential rainfalls	0,70	Agrotoxics	0,70
CAP improvement plans	0,70	Droughts	0,62
Deforestation	0,66	Intensive tillage	0,62
Tillage	0,60	Almond price	0,60
Almond tree health	0,58	Learning and experimenting	0,58
Agrotoxics	0,50	Knowledge and experience requirements (Professionalization)	0,56
Biodiversity	0,48	Sustainability	0,52
Late frosts	0,46	Heavy machinery	0,52
Chemical fertilizers	0,44	Cultivation practices	0,50
Loss of traditional knowledge	0,40	Bequest values	0,48
Operational costs decreases	0,40	Almond performance	0,46
Knowledge and experience requirements (Professionalization)	0,38	Tillage	0,46
Pests and diseases	0,38	Pests and diseases	0,44
Input costs increases	0,34	Profitability	0,44
Overgrazing	0,32	Chemical fertilizers	0,44
Removal of SWCM	0,30	Removal of SWCM	0,42
Learning and experimenting	0,30	No tillage	0,42
Soil structure	0,30	Almond variety	0,40
Heavy machinery	0,30	Belonging feeling	0,40
Cultivation practices	0,28	Biodiversity	0,38
Networking	0,26	Input costs increases	0,32
Management responding to agribusiness model	0,26	Operational costs decreases	0,32
Monoculture	0,26	Pruning	0,30
Droughts	0,22	Sun	0,30
Labor decreases	0,22	Almond tree health	0,30
Almond performance	0,22	Bare soil	0,28
Bare soil	0,20	Land abandonment	0,26
Land use change	0,20	Demonstrative effect	0,24
Bequest values	0,18	Land use change	0,22
Innovation & adaptation capacity	0,18	Pest treatment	0,20
Fossil fuels use reduction	0,16	Pig slurry	0,20
Almond variety	0,16	Pollination	0,20
Down-slope tillage	0,16	Management responding to agribusiness model	0,18
Slope	0,16	West winds	0,18
Initial investment increases	0,14	Benefits to sheep farming	0,18
Profitability	0,12	Initial investment increases	0,16
Overexploitation of water resources	0,12	Landscape restoration	0,16
Plantation design	0,10	Territory revaluation	0,16
Policies favoring almond purchases	0,10	CAP improvement plans	0,16

West winds	0,10	Down-slope tillage	0,16
Belonging feeling	0,10	Improved market access & business opportunities	0,12
Convinced about RA benefits	0,10	Deforestation	0,12
Improved market access & business opportunities	0,10	Decoupling livestock from arable farming	0,10
Inspiration	0,10	Hailing at fruit setting	0,10
Landscape restoration	0,10	Loss of peasant self-esteem	0,10
Benefits to sheep farming	0,08	Plantation design	0,10
Decoupling livestock from arable farming	0,08	Slope	0,10
Hailing at fruit setting	0,06	Convinced about RA benefits	0,10
High temperatures	0,06	Fossil fuels use reduction	0,10
Social awareness and expectation increases	0,04	Social awareness and expectation increases	0,10
Territory revaluation	0,04	Labor decreases	0,08
		Monoculture	0,08
		Overgrazing	0,08
		Networking	0,06
		Early frosts	0,06
		Loss of traditional knowledge	0,06
		Rootstock type	0,06
		Wildlife damage	0,06
		Social acceptance and support	0,04

Legend
Biophysical & Environmental
Management
Economic
Political & Cultural
Social
Entry Notes (Given)

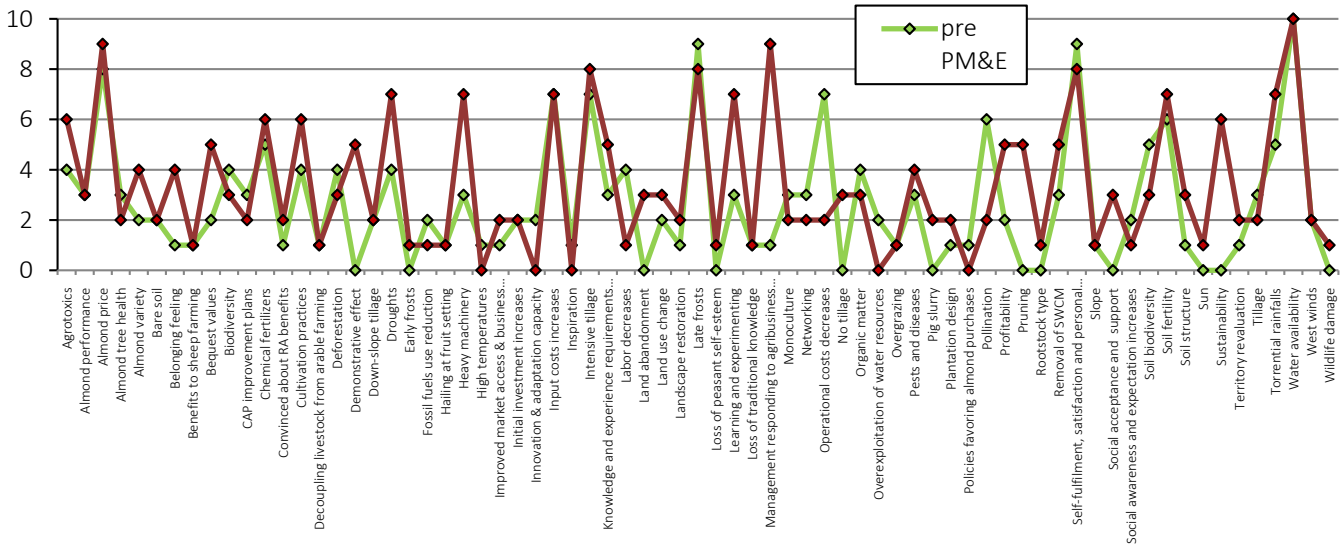

Figure 1 Frequency of citation of mentioned factor pre and post PM&E