

Table 1

The example of the cluster comparison questioner

Bearing in mind the soil erosion risk evaluation,

Given that the “**presence/absence of grass vegetation cover**” is “**with grass vegetation cover**” which factor (cluster) is more important:

AP1	Rainfall-runoff potential (RRP)	X
	Slope length (SL)	

<input type="checkbox"/>	1	<input checked="" type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input type="checkbox"/>	5	<input type="checkbox"/>	6	<input type="checkbox"/>	7	<input type="checkbox"/>	8	<input type="checkbox"/>	9
--------------------------	---	-------------------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---

Bearing in mind the soil erosion risk evaluation,

Given that the “**presence/absence of grass vegetation cover**” is “**with grass vegetation cover**” which factor (cluster) is more important:

AP2	Rainfall-runoff potential (RRP)	
	Slope steepness (SS)	

<input checked="" type="checkbox"/>	1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input type="checkbox"/>	5	<input type="checkbox"/>	6	<input type="checkbox"/>	7	<input type="checkbox"/>	8	<input type="checkbox"/>	9
-------------------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---

Bearing in mind the soil erosion risk evaluation,

Given that the “**presence/absence of grass vegetation cover**” is “**with grass vegetation cover**” which factor (cluster) is more important:

AP3	Rainfall-runoff potential (RRP)	X
	Soil erodibility (SE)	

<input type="checkbox"/>	1	<input checked="" type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input type="checkbox"/>	5	<input type="checkbox"/>	6	<input type="checkbox"/>	7	<input type="checkbox"/>	8	<input type="checkbox"/>	9
--------------------------	---	-------------------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---

Bearing in mind the soil erosion risk evaluation,

Given that the “**presence/absence of grass vegetation cover**” is “**with grass vegetation cover**” which factor (cluster) is more important:

AP4	Slope length (SL)	
	Slope steepness (SS)	X

<input type="checkbox"/>	1	<input checked="" type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input type="checkbox"/>	5	<input type="checkbox"/>	6	<input type="checkbox"/>	7	<input type="checkbox"/>	8	<input type="checkbox"/>	9
--------------------------	---	-------------------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---	--------------------------	---

Bearing in mind the soil erosion risk evaluation,

Given that the “**presence/absence of grass vegetation cover**” is “**with grass vegetation cover**” which factor (cluster) is more important:

AP5	Slope length (SL)	
	Soil erodibility (SE)	

X	1		2		3		4		5		6		7		8		9
---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---

Bearing in mind the soil erosion risk evaluation,

Given that the “**presence/absence of grass vegetation cover**” is “**with grass vegetation cover**” which factor (cluster) is more important:

AP6	Slope steepness (SS)	X
	Soil erodibility (SE)	

	1	X	2		3		4		5		6		7		8		9
--	---	---	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---

	RRP	SL	SS	SE	Weights
RRP	1	2	1	2	0.3333
SL	1/2	1	1/2	1	0.1667
SS	1	2	1	2	0.3333
SE	1/2	1	1/2	1	0.1667

$$\lambda_{\max} = 4.0000$$

$$CI = (\lambda_{\max} - n) / (n - 1) = -1.4803e-016$$

$$CR = CI / RI = -1.6633e-016 \text{ (less than 0.1)}$$