

S5 Table. Pair-wise comparison matrix of the Analytical Hierarchy Process (AHP) for risk factors associated with Rift Valley fever spread.

Risk factor*	Vector	Sheep	Goat	Cattle	Markets	Roads	Rivers	Railways	Parks	Weight
Vector	1	1/7	1/7	1/5	1/5	1/3	1/3	1/3	1/3	0.025
Sheep		1	1	3	1	3	3	3	3	0.204
Goat			1	3	1	3	3	3	3	0.204
Cattle				1	1	3	3	3	3	0.144
Markets					1	3	3	3	3	0.175
Roads						1	1	1	1	0.062
Rivers							1	1	1	0.062
Railways								1	1	0.062
Parks									1	0.062

* Vector: vector index; Sheep: sheep density; Goat: goat density; Cattle: cattle density; Markets: proximity to ruminant's markets; Roads: density of roads; Rivers: proximity to rivers; Railways: density of railways; Parks: proximity to wildlife national parks.