

S4 Table. Eigen vector centrality if *Trichobilharzia* node substitutes *Schistosoma* node in the network. The shift alters the network model making canids the principal contributor of zoonotic infections in the settlement followed by fish, arthropods and lastly rodent nodes.

Eigen Vector Centrality of Nodes in Network		
	Nodes	Eigen Value
Parasite	<i>G. intestinalis</i>	1.00
	<i>Diphyllobothrium</i>	0.08
	<i>D. caninum</i>	0.22
	<i>Hymenolepis</i>	0.19
	<i>Trichobilharzia</i>	0.05
Host	Birds	0.38
	Canids	0.78
	Copepod	0.25
	Fish	0.67
	Humans	0.97
	Pulicidae	0.66
	Arthropod	0.56
	Gastropods	0.14
	Reptiles	0.33
	Rodents	0.52