

Table S1. Goodness of fit of the relationship between monthly precipitation and elevation by means of regression-based interpolation when one gauge station is removed from the population of available gauge stations.

	Rainfall (mm)	
	Leeward	Windward
	R ²	R ²
January	0.28	0.70
February	0.45	0.55
March	0.31	0.71
April	0.72	0.92
May	0.31	0.79
June	0.18	0.66
July	0.23	0.69
August	0.08	0.69
September	0.25	0.68
October	0.45	0.96
November	0.42	0.90
December	0.22	0.69