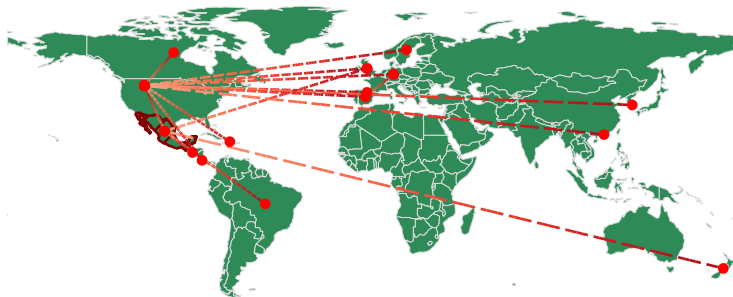


(a) geographic distances



(b) effective distances

