

**Supplementary material 3: Spatial auto-correlation of the febrile illnesses reported under IDSP Punjab between 2012-2019 using Global Moran's I.**

Year	Dengue		Chikungunya		Malaria ( <i>P. Falciparum</i> )		Malaria ( <i>P. Vivax</i> )		Enteric fever		Pyrexia of Unknown Origin	
	Moran's I	p-value	Moran's I	p-value	Moran's I	p-value	Moran's I	p-value	Moran's I	p-value	Moran's I	p-value
<b>2012</b>	-0.139	0.069	-	-	-0.054	0.448	0.037	0.25	-0.004	0.346	-0.031	0.417
<b>2013</b>	-0.161	0.019	-	-	-0.044	0.46	0.037	0.231	0.032	0.161	-0.043	0.449
<b>2014</b>	-0.095	0.255	-0.050	0.495	-0.073	0.441	0.210	0.031	0.033	0.191	-0.021	0.366
<b>2015</b>	-0.125	0.277	-	-	0.225	0.016	-0.059	0.487	-0.011	0.318	0.054	0.213
<b>2016</b>	0.169	0.04	-0.136	0.265	-	-	-0.095	0.395	0.018	0.19	0.094	0.136
<b>2017</b>	0.055	0.18	0.022	0.051	-0.013	0.323	-0.099	0.361	0.045	0.19	0.025	0.291
<b>2018</b>	0.093	0.099	0.022	0.258	0.366	0.006	-0.006	0.325	-0.037	0.414	-0.095	0.408
<b>2019</b>	-0.130	0.252	-0.052	0.456	-0.047	0.474	0.043	0.198	-0.014	0.29	-0.045	0.422