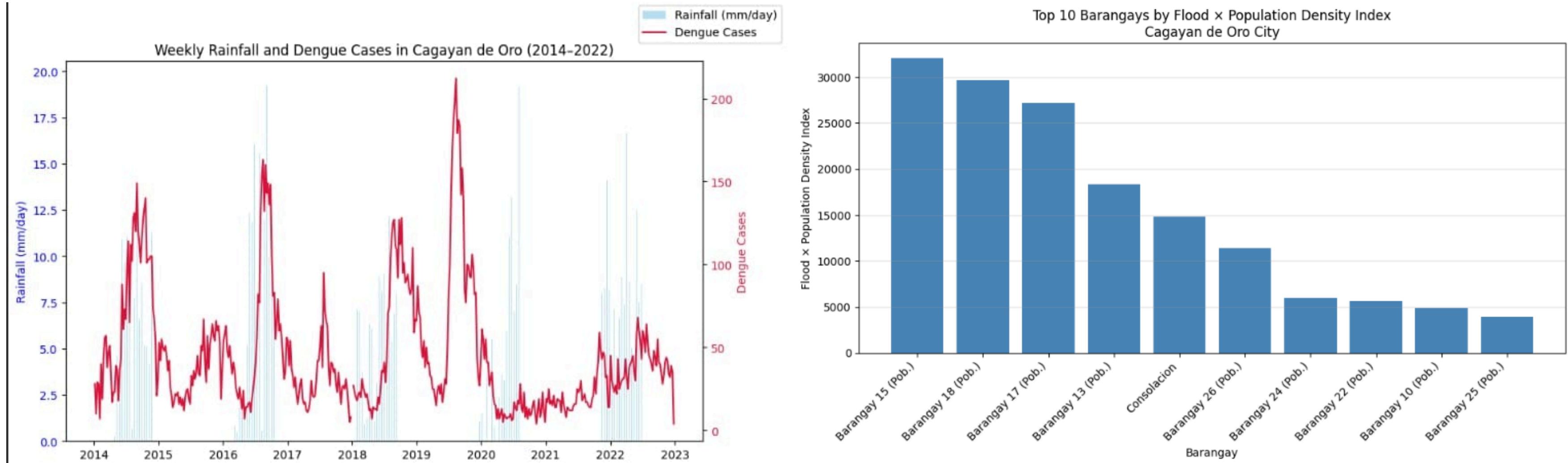


Climate and Flood Exposure Drive Dengue Vulnerability in Philippine Cities



These nutshell graphs/figures show how climatic and environmental factors interact to shape disease vulnerability in cities in the Philippines. In particular, the figures above show how an increased amount of rainfall often coincides with a spike in Dengue cases in Cagayan de Oro. This shows the influence of climatic factors such as seasonal precipitation on Dengue transmission and breeding. Moreover, the project identifies the barangays that are susceptible to flood hazards and have a high population density, exploring the possibility that dengue incidence may also be influenced by a city's environmental and social conditions where floods and dense populations may create hotspots for heightened risks.