|  |  |
| --- | --- |
| Variable | Explanation |
| Port/Cyclone Identifier |  |
| SID | Cyclone ID |
| port | Name of the impacted port |
| Interaction/Impact |  |
| total\_impact\_value total\_impact max\_impact day\_of\_recover | / |
| start\_date | Start date of impact/interaction |
| end\_date | End date of impact/interaction |
| C\_normal | Average Closeness Centrality of port in recent weeks before & after cyclone week |
| C\_cyclone | Closeness Centrality of port in the cyclone week |
| B\_normal | Average Betweenness Centrality of port in recent weeks before & after cyclone week |
| B\_cyclone | Betweenness Centrality of port in the cyclone week |
| E\_normal | Average Eigenvalue Centrality of port in recent weeks before & after cyclone week |
| E\_cyclone | Eigenvalue Centrality of port in the cyclone week |
| CCD | Closeness Centrality Difference |
| BCD | Betweenness Centrality Difference |
| ECD | Eigenvalue Centrality Difference |
| Weather |  |
| Wind\_speed Surge\_height Rainfall | / |

|  |  |  |
| --- | --- | --- |
| Matrix | Description | Source |
| Port Resourcefulness | | |
| Pop\_C | County Population | 2020 Census |
| Pop\_CT | Census Tract Population | 2020 Census |
| PCT\_Pov | Percent of individuals < 100% Federal Poverty Line (percentile) | Climate and Economic Justice Screening Tool (CEJST) |
| WF | Workforce Factor | Climate and Economic Justice Screening Tool (CEJST) |
| IF\_CEJ | Disadvantaged Communities Indicator of CEJST | Climate and Economic Justice Screening Tool (CEJST) |
| PCT\_TA | Transportation Access Percentile Rank in U.S. | USDOT Equitable Transportation Community (ETC) Explorer |
| PCT\_ACEW | Anticipated Changes in Extreme Weather Percentile Rank in U.S. | USDOT Equitable Transportation Community (ETC) Explorer |
| PCT\_TI | Transportation Insecurity Percentile Rank in U.S. | USDOT Equitable Transportation Community (ETC) Explorer |
| PCT\_SV | Social Vulnerability Percentile Rank in U.S. | USDOT Equitable Transportation Community (ETC) Explorer |
| IF\_ETC | Disadvantaged Communities Indicator of ETC | USDOT Equitable Transportation Community (ETC) Explorer |
| Port Climate Matrix | | |
| SL | Sea Level Rise Inundated Area | USDOT Equitable Transportation Community (ETC) Explorer |
| PCT\_CD | Climate & Disaster Risk Burden Percentile Rank in U.S. | USDOT Equitable Transportation Community (ETC) Explorer |
| PCT\_HV | Health Vulnerability Percentile Rank | USDOT Equitable Transportation Community (ETC) Explorer |
| PCT\_EB | Environmental Burden Percentile Rank in U.S. | USDOT Equitable Transportation Community (ETC) Explorer |