Data Availability Statement

The datasets used for this manuscript were derived from multiple sources: Denver Public Health, Esri, Google, and SafeGraph. Any reuse or redistribution of the datasets are subjected to the restrictions of the data providers: Denver Public Health, Esri, Google, and SafeGraph and should consult relevant parties for permissions.

1. COVID-19 case dataset was retrieved from Denver Public Health (Link: <https://storymaps.arcgis.com/stories/50dbb5e7dfb6495292b71b7d8df56d0a> )
2. Point of Interests (POIs) data were retrieved from Esri and SafeGraph (Link: <https://coronavirus-disasterresponse.hub.arcgis.com/datasets/6c8c635b1ea94001a52bf28179d1e32b/data?selectedAttribute=naics_code>) and verified with Google Places Service (Link: <https://developers.google.com/maps/documentation/javascript/reference/places-service>)
3. The activity risk information is accessible from Texas Medical Association (TMA) (Link: <https://www.texmed.org/TexasMedicineDetail.aspx?id=54216> )

The datasets for risk assessment and mapping are included in a geodatabase and can be downloaded at <https://figshare.com/s/d37e13d37bc22235c4a7>. To view the content of the geodatabase, users should have installed ArcGIS Pro 2.7. The geodatabase includes the following:

1. POI. Major attributes are locations, name, and daily popularity.
2. Denver neighborhood with weekly COVID-19 cases and computed regional risk levels.
3. Simulated four travel logs with activity locations provided. Each log is a point layer.

Per SafeGraph data sharing guidelines, raw data cannot be shared publicly. **Google Places API restricts the reuse and redistribution of data from Google Map.**