* + - 1. Date of snowmelt data: Umiat National Oceanic and Atmospheric Administration station (daily snow depth data from 1981-1999). GIS snow-cover data from 2000-2011 the MODIS/Terra snow cover grid data set
      2. PDO data: Monthly PDO data from http://jisao.washington.edu/pdo.
      3. Precipitation data: Umiat National Oceanic and Atmospheric Administration station (from 1981-2000). Sagwon Natural Resources Conservation Service SNOTEL station (from 1984-1997, and 2000-2011)
      4. Surficial geology data: Surficial geology map of Alaska. U.S. Geological Survey
      5. Cliff height data: Derived from a DEM 2011 U.S. Geological Survey- National Elevation Dataset.
      6. Area of prey habitat data: Land cover GIS layer.
      7. Aspect data: Derived from a 2011 DEM U.S. Geological Survey.
      8. Slope data: Derived from a DEM. U.S. Geological Survey.
      9. Maximum temperature data: We obtained maximum daily temperature data from 1981 through 2000 from the Umiat National Oceanic and Atmospheric Administration station (from 1981-2000). Sagwon SNOTEL station (2001-2011).
    1. Content:
       1. Abundance: Maximum total number of adult Arctic peregrines observed on the cliff in year t-1. Units of measurement: Number of adult Arctic peregrines
       2. Gyrdistance: Distance from cliff i with nesting Arctic peregrines to the nearest occupied gyrfalcon nest in year t. Units of measurement: kilometers.
       3. Meltdate: Date of snowmelt in year t as determined when snow depth = 0 at the Umiat NOAA station or the first MODIS satellite image that showed no snow cover. Units of measurement: Day of the year.
       4. Obsmatrix: Total number of adult Arctic peregrines counted on the cliff during year 1/survey 1 (season1v1), year 1/survey 2 (season1v2), year 2/survey 1 (season2v1), etc...Units of measurement: Number of adults
       5. PDO: Average Pacific Decadal Oscillation (PDO) value for November of year t-1 through March of year t. Units of measurement: n/a.
       6. Precip: Total accumulated precipitation during May through July in year t-1. Units of measurement: centimeters.
       7. Productivity: Average number of young observed at nest sites on the cliff in year t-1. Units of measurement: Number of young.
       8. Site: Geology (Categorical variable denoting the surficial geology type of the cliff), height (Average height of nest site(s) on the cliff above the Colville River as determined from the GIS DEM), water area (Average total area of water and wetland cover types within 3 km of the cliff), aspect cat (Categorical variable denoting average aspect of nest site(s) on the cliff (N, NE, NW, E, SE, S, SW, W)), and slope (Average slope of nest site(s) on the cliff). Units of measurement: n/a, meters, squared kilometers, n/a, and degrees
       9. Tmax: Average maximum daily temperature during May through July in year t-1. Units of measurement: Degrees Celsius.
       10. Visit: The survey number (one or two) during each year. Units of measurement: n/a.
       11. Yearslog: Average maximum daily temperature during May through July in year t-1. Units of measurement: n/a.
       12. Year: Year t of the survey as a numerical value. (t: 0 to 21). Units of measurement: n/a.
       13. Yearsthreshold: Calculated as t/(1+t). (t: 0 to 21). Units of measurement: n/a.