1. Data
   1. Source
      1. GPS Data
         1. From trip breaker: time, lat, lon, trip id, deploy id
         2. Rediscretize track
            1. Choose temporal resolution by minimum track sampling rate per species. e.g. RFBO -> 2 min, WTSH -> 3 min (we think)
            2. adehabitatLT::redisltraj
         3. Calculate sun angle (oce::sunAngle), day phase (dawn, day, dusk, night), colony coords (from metadata), colony distance (geosphere::distHaversine), speed, turning angle (how many points before and after?), tortuosity (path length +/- 4 points divided by shortest length +/- 4 points)
      2. TDR Data
         1. Dives. Start, end, duration, max depth.
         2. Wet. Start, end.
   2. Merged
      1. TDR data gets trip id (from GPS) and sex (from metadata)
      2. GPS data gets nDives, mean/max depth, mean/max duration, wet/dry
2. Single Variable Distributions
   1. Dive depth and duration, by species and sex
   2. Dive distance from colony
   3. Where dives occur in trip
      1. Paramaterize trips by distance?
      2. % max distance?
      3. time?
3. Modeling [fill me out later]
   1. ARS