Gear Intercalibration à la GeoPOP

- 1. Two hauls per "station"
- 2. Input: Catches per size group for each haul
- **3.** Output: Selectivity of Africana New, Africana Old, relative to Gisund, for each size class.

Model assumptions:

- 1. A size spectrum at each station random walk in log-domain
- 2. Nugget effect: Correlations between size groups within single haul
- Catches are Poisson distributed with mean = exp(size spectrum+nugget)
- 4. Prior model for intercalibration curves:
 - 4.1 As of now: Completely flat
 - 4.2 Smoothness assumption (e.g. random walk)
 - 4.3 Parametric form (e.g. Cotter)