**Purpose:** This function compares matched and unmatched tows and gets the mean estimate from each across years using the spr package developed by Stephen Smith. The calculations utilize information from both the matched and unmatched tows and the differences in these between years to get the estimated abundance/biomass for each category.

**Version Control:** Multiple versions exist, usually duplicates of each other

Packages: spr

**Function Arguments Summary**

1. **surv**.**dat**: The survey data from spring survey
2. **years**: The years to subset across.
3. **towlist**: List of the tows for each year. Default = list(NULL)
4. **print**: Print the results to the screen. Default = F
5. **chng**: Calculate the difference between the means in current and the previous year.

Default = F.

**Section 1**

This function is used to compare matched and unmatched tows and to come up with estimates of abundance and biomass accounting for this. The difference between the means can also be calculated. The spr is another one of the Stephen Smith masterpieces.