

Stony Brook Data Cleaning

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Renaming Green variables

```
covid_data <- covid_data %>%  
  rename(Green_Short_A1w = "R-GPTS_Ref_1",  
         Green_Short_A2w = "R-GPTS_Ref_2",  
         Green_Short_A3w = "R-GPTS_Ref_3",  
         Green_Short_A4w = "R-GPTS_Ref_4",  
         Green_Short_A5w = "R-GPTS_Ref_5",  
         Green_Short_A6w = "R-GPTS_Ref_6",  
         Green_Short_A7w = "R-GPTS_Ref_7",  
         Green_Short_A8w = "R-GPTS_Ref_8",  
         Green_Short_B1w = "R-GPTS_Per_1",  
         Green_Short_B2w = "R-GPTS_Per_2",  
         Green_Short_B3w = "R-GPTS_Per_3",  
         Green_Short_B4w = "R-GPTS_Per_4",  
         Green_Short_B5w = "R-GPTS_Per_5",  
         Green_Short_B6w = "R-GPTS_Per_6",  
         Green_Short_B7w = "R-GPTS_Per_7",  
         Green_Short_B8w = "R-GPTS_Per_8")
```

Recoding Green variables

```
covid_data <- covid_data %>%  
  mutate(Green_Short_A1w = fct_recode(Green_Short_A1w,  
                                       "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"),  
         Green_Short_A2w = fct_recode(Green_Short_A2w,  
                                       "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"),  
         Green_Short_A3w = fct_recode(Green_Short_A3w,  
                                       "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"),  
         Green_Short_A4w = fct_recode(Green_Short_A4w,  
                                       "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"),  
         Green_Short_A5w = fct_recode(Green_Short_A5w,  
                                       "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"),  
         Green_Short_A6w = fct_recode(Green_Short_A6w,  
                                       "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"),  
         Green_Short_A7w = fct_recode(Green_Short_A7w,  
                                       "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"),  
         Green_Short_A8w = fct_recode(Green_Short_A8w,  
                                       "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"),  
         Green_Short_B1w = fct_recode(Green_Short_B1w,  
                                       "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"),  
         Green_Short_B2w = fct_recode(Green_Short_B2w,  
                                       "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"),  
         Green_Short_B3w = fct_recode(Green_Short_B3w,  
                                       "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"),  
         Green_Short_B4w = fct_recode(Green_Short_B4w,  
                                       "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"),  
         Green_Short_B5w = fct_recode(Green_Short_B5w,  
                                       "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"),
```

```
Green_Short_B6w = fct_recode(Green_Short_B6w,  
                             "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"),  
Green_Short_B7w = fct_recode(Green_Short_B7w,  
                             "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"),  
Green_Short_B8w = fct_recode(Green_Short_B8w,  
                             "0" = "1", "1" = "2", "2" = "3", "3" = "4", "4" = "5"))
```

```
# issue - recoding these as factors turns them into character variables  
# we can deal with this later after removing NAs and weird values
```