figures

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4/27/2017

Run this after the main report .Rmd file

```
library(xtable)
table.sex <- rbind(table(transitioned$sex), # Summarizing sex counts
                   table(censored$sex),
                   table(full$sex))

# Show row percentages of sex
table.sex.prop <- as.data.frame(as.matrix(round(prop.table(table.sex, 1), digits = 3)))

rownames(table.sex.prop) <- c("Transitioned","Censored","All")
colnames(table.sex.prop) <- c("Male","Female")

rownames(table.sex) <- c("Transitioned","Censored","All")
colnames(table.sex) <- c("Male","Female")

table.sex <- as.data.frame(as.matrix(table.sex))

# Write table to image and use that in the knitr
kable(list(table.sex, table.sex.prop), caption = "Table 2. Censorship by Sex")
```

Table 2. Censorship by Sex

	Male	Female
Transitioned	46296	66871
Censored	5082	8416
All	51097	74949

	Male	Female
Transitioned	0.409	0.591
Censored	0.377	0.623
All	0.405	0.595

```r
# Socio-economic table

table.socio <- rbind(table(transitioned$Socio.Economic),
                     table(censored$Socio.Economic),
                     table(full$Socio.Economic)) #Summarizing socio.economic status counts

rownames(table.socio) <- c("Transitioned","Censored","All")
table.socio.prop <- round(prop.table(table.socio, 1), 3)

kable(table.socio.prop, caption = "Table 3. Censorship by Socioeconomic Status")
```

Table 3. Censorship by Socioeconomic Status

	1	2	3	4	5
Transitioned	0.275	0.231	0.211	0.170	0.113
Censored	0.253	0.220	0.207	0.181	0.139
All	0.272	0.230	0.211	0.172	0.116

```r
# BMI table
table.BMI <- rbind(summary(transitioned$BMInew),
                   summary(censored$BMInew),
                   summary(full$BMInew)) #Summarizing the BMI
rownames(table.BMI) <- c("Trasnsitioned","Censored","All")

kable(table.BMI, caption="Table 4. Censorship by BMI Quartile")
```

Table 4. Censorship by BMI Quartile

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
Trasnsitioned	0.2	24.1	26.8	38.66	30.4	66000.0
Censored	0.5	22.3	25.0	39.09	28.4	21920.0
All	12.1	23.9	26.7	27.49	30.2	74.5