Appendix

Ty Darnell

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dat = read\_excel("IDA\_Dataset+8.7.18.xlsx")  
dat=dat%>%select(-c(X\_\_1,X\_\_2))  
dat2=dat%>%select(c(CANCER,VIRUS,PERSONDAYS,LTF))  
dat2=dat2%>%mutate(personyrs=PERSONDAYS/365)

taba=table(dat$VIRUS,dat$CANCER)[2:1,2:1]  
x=c("Exposed","Unexposed")  
y=c("Cancer","No Cancer")  
row.names(taba)=x  
colnames(taba)=y  
kable(taba)

|  |  |  |
| --- | --- | --- |
|  | Cancer | No Cancer |
| Exposed | 33 | 226 |
| Unexposed | 24 | 717 |

dat2%>%filter(VIRUS==1)%>%summarise(pyrs=sum(personyrs))

## # A tibble: 1 x 1  
## pyrs  
## <dbl>  
## 1 2512.

dat2%>%filter(VIRUS==0)%>%summarise(pyrs=sum(personyrs))

## # A tibble: 1 x 1  
## pyrs  
## <dbl>  
## 1 7207.

dat3=dat2%>%filter(LTF==0)  
length(dat3$LTF)

## [1] 947

tabb=table(dat3$VIRUS,dat3$CANCER)[2:1,2:1]  
row.names(tabb)=x  
colnames(tabb)=y  
kable(tabb)

|  |  |  |
| --- | --- | --- |
|  | Cancer | No Cancer |
| Exposed | 25 | 216 |
| Unexposed | 24 | 682 |

dat3%>%filter(VIRUS==1)%>%summarise(pyrs=sum(personyrs))

## # A tibble: 1 x 1  
## pyrs  
## <dbl>  
## 1 2350.

dat3%>%filter(VIRUS==0)%>%summarise(pyrs=sum(personyrs))

## # A tibble: 1 x 1  
## pyrs  
## <dbl>  
## 1 7006.