\*I use stata. All graph and prelimilary result are in Proposal.

hist(severity)

poisson severity temperaturef wind\_chillf humidity pressurein visibilitymi

tabulate severity sunrise\_sunset

tabulate severity wind\_direction

tabulate severity amenity

tabulate severity crossing

tabulate crossing,generate(crossing\_d)

tabulate sunrise\_sunset,generate(daytime)

poisson severity temperaturef wind\_chillf humidity pressurein visibilitymi crossing\_d1 daytime1