/\*Generalized Estimating Equations (GEE) for assessing relationship between meeting and rain;

Data: raindata;

Outcome: rain -- whether there was rain on that date (0=no, 1=yes);

Predictors: Meeting\_ -- whether there was meeting on that date(0=no, 1=yes);

Airport -- name of airport for meeting location;

Subject: ID -- meeting date, with repeated measures from year 1998 to 2010;

Procedure: PROC GENMOD;\*/

proc genmod data=raindata descending;

class Airport id;

model rain=Meeting\_ Airport /dist=bin;

repeated subject=id;

estimate 'Beta for meeting' meeting\_ 1 -1/exp; \*Calculate Odds Ratio for meeting variable;

run;