/\*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;