

```
/*Do 3 logistic regressions*/
proc corr data=horseshoe_join;
var avg_traffic_ordinal avg_temperature avg_dew_point avg_relative_humidity_in_percent
;

proc logistic data=horseshoe_join des outest=betas_1;
model delay_indicator = avg_traffic_ordinal /*avg_temperature*/ /*avg_dew_point*/
                        avg_relative_humidity_in_percent
                        avg_temperature*avg_dew_point
                        /*avg_relative_humidity_in_percent*avg_dew_point*/
;

proc corr data=vancouver_join;
var avg_temperature avg_dew_point avg_relative_humidity_in_percent
;

proc logistic data=vancouver_join des outest=betas_2;
model delay_indicator = avg_temperature /*avg_dew_point avg_relative_humidity_in_percent */
                        avg_temperature*avg_dew_point
                        avg_dew_point*avg_relative_humidity_in_percent
;

proc corr data=victoria_join;
var avg_relative_humidity
    avg_wind_direction avg_wind_speed avg_visibility avg_station_pressure
;

proc logistic data=victoria_join des outest=betas_3;
model delay_indicator = /*avg_temperature avg_dew_point_temperature avg_relative_humidity*/
                        /*avg_wind_direction avg_wind_speed*/ avg_visibility /*avg_station_pressure*/
                        avg_dew_point_temperature*avg_temperature*avg_station_pressure
                        /*avg_dew_point_temperature*avg_relative_humidity*/
                        avg_relative_humidity*avg_wind_direction
                        /*avg_relative_humidity*avg_wind_speed*/
                        avg_relative_humidity*avg_visibility
;
;
```