

```
FILENAME REFFILE '/folders/myfolders/global_temp_anomalies.csv';
```

```
PROC IMPORT DATAFILE=REFFILE DBMS=CSV OUT=temp REPLACE;  
    GETNAMES=YES;
```

```
RUN;
```

```
DATA temps;  
set temp;  
subject=1;  
s1 = (max(0, year-1944))**1;  
s2 = (max(0, year-1944))**2;  
s3 = (max(0, year-1944))**3;  
run;
```

```
PROC MIXED data=temps method=ml;  
TITLE "Model 1: Parametric LMM";  
model temp= year / solution;  
repeated / type=ar(1) subject=subject;  
run;
```

```
ods graphics on;  
PROC GLM DATA=temps PLOTS(UNPACK)=DIAGNOSTICS;  
title "Model 2: piecewise glm cubic";  
model temp= year year*year year*year*year s1 s2 s3 / solution;  
run;  
ods graphics off;
```