

STAT 8320 Spring 2015 Assignment 2

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```
libname da2 'C:\Users\psy6b\Desktop\8320 datasets';  
ods graphics on;  
options ls=70 ps=35;
```

```
data split;  
set da2.h4q4;  
run;
```

```
data alzheimer;  
set da2.h4q5;  
drop score1-score5;  
run;
```

```
PROC MIXED DATA=split;  
CLASS plot past min;  
MODEL milk=past|min;  
RANDOM plot plot*past;  
RUN;
```

```
PROC MIXED DATA=split;  
CLASS plot past min;  
MODEL milk=past|min / ddfm=kenwardroger;  
RANDOM plot plot*past;  
LSMEANS past / adjust=tukey;  
RUN;
```

```
symbol1 interpol=join color=black line=1 repeat=47;
```

```
proc gplot data=alzheim;  
where group=1;  
plot score*visit=idno;  
run;
```

```
proc gplot data=alzheim;  
where group=2;  
plot score*visit=idno;  
run;
```

Figure 1: Regression Analysis

Missing File ./lst/h3re.lst

Figure 2: Graphs for Regression Analysis

