Who are the fastest typists?

and other College Statistics

STAT430 Final Project

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Introduction

Motivation

Since the 2000s, it has long been suggested that the average typing speed ranges between 40 and 60 words per minute (WPM). However, with the widespread use of computers and with the ever increasing amount of time spent on them, one may wonder if this increased exposure has increased overall typing speed (Dhakal)? The aim of this statistical analysis is to gather fundamental statistics about typing speed in 2024 and identify factors that correlate with it.

Variables

The variables collected hoped to build off previous research and commonly held thought to get an idea of how typing speed has changed with time.

Numeric Variables:

- **Typing Speed (WPM):** chosen as the main variable of analysis to compare against previous studies and see if it correlates to other variables.

- **Age:** chosen because previous studies found a corelation between age and typing speed among school-aged children.

- **Height:** chosen as an indirect measure of hand size, and it is commonly thought that larger hands have an advantage when typing.

- **Caffeine Intake (mg / day):** chosen because people who are caffeinated tend to be thought of as "twitchy", and thus fast typists.

- **Alcohol Intake (standard drinks / week):** chosen because people on alcohol are thought of as having poor reaction times, and thus more sluggish when typing.

- **GPA:** chosen because it is commonly thought that fast typists are good students.

Categorical Variables

- **Gender:** chosen because typists and copiers in the 20th century were traditionally women, and faster typists than men.

- **Ethnicity:** chosen because it′s commonly thought that some cultures are more comfortable with computers and thus typing speed than others.

- **Major:** chosen because it is commonly thought that Computer Science majors are the fastest typists.

Data Collection

fig. i

The data was collected by sending out a Google Form link to the class via the ELMS messaging system, the Mighty Sound of Maryland (MSOM) Discord server, the MSOM Piccolo Section Slack and the ΤΒΣ (Band Sorority) Slack. Additionally, pamphlets with a QR code to the Google Form were sent out around McKeldin Library with humorous advertisements such as in *fig i*, with a total of 53 usable responses.

The data was collected using a convenience sample, so the dataset is limited in its effectiveness. Due to the high exposure to members of MSOM – the Maryland Marching Band – the GPA and alcohol intake is expected to be higher than the normal college population. This is due to the average GPA of MSOM being 3.5, higher than the regular average college GPA. Alcohol intake is higher as well, and this is verified by an unpublished paper by Sylvia Sanchez on alcohol consumption at the University of Maryland.

Data Cleaning

Due to the format of the survey, it was unclear how respondents were supposed to respond, and in what format. Thus mild cleaning of the data was done. Whenever units were provided, such as in 5′ 10″ or 300mg, the units were removed from the data and replaced with just the numeric value – 70 and 300 respectively. For categorical variables, spelling was corrected and standardized, for instance Computer Science replaced CS.

Imputation

The data was imputed in several ways. If there was a variable missing from a response (incomplete response), then the response was removed from the dataset. There was some confusion on the format of the responses, so many respondents gave a range for numeric variables. In these cases, the average of the range was imputed.

For major, many respondents gave multiple majors, so a Double Major variable was made with values Yes and No. Additionally, Primary Major and school were added to have fewer, but still representative categories.

Typing Speed had two extremely high outliers for which the values are plausible. Due to the plausibility, they were not removed from the dataset, but rather imputed down to above the next highest value, but still the maximum value. Each of the two outliers had a WPM of 200, and the next highest was 121 WPM, so we imputed it down to 125. Still above the next highest, but not enough to affect the rest of the dataset too much and act as a controlling point.

Age variable had several outliers, presumably from Graduate Students who saw the survey. In this case, the value of their age was imputed down to 25, which is now the upper bound of age for the data set. This decision was made and is hopefully fair because in college terms, a 25 year old and a 56 year old are not very different.

Descriptive Statistics

Shape and Center

The MEANS Procedure

Variable	Mean	Median	Std Dev	Quartile Range	Maximum	Minimum
typingSpeed	74.28	72.00	24.24	35.00	125.00	30.00
age	20.38	20.00	1.55	2.00	25.00	17.00
tall	66.69	66.00	4.87	7.00	77.00	57.00
gpa	3.53	3.60	0.37	0.47	4.00	2.30
caffine	101.84	50.00	166.87	100.00	650.00	0.00
alc	3.93	3.00	3.91	4.00	15.00	0.00

fig. ii: Output from the PROC MEANS procedure on the dataset

Typing Speed (WPM) has a mean of 74.28, a standard deviation of 24.24, a median of 72 and an inter-quartile range of 35. Based on the histogram and QQ-Plot, we can conclude that the data is roughly normal, so it would be best to use the mean and standard deviation for this variable.

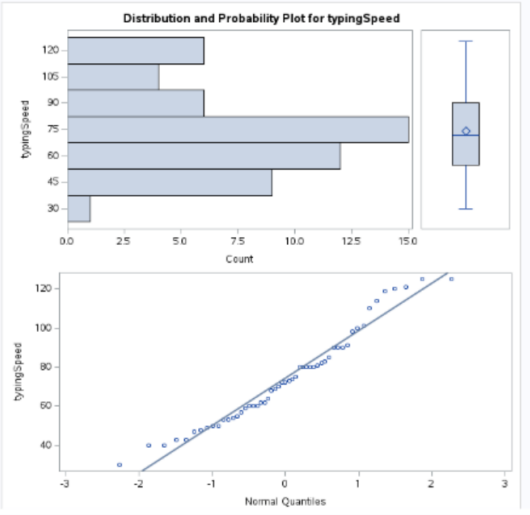


fig. iii: Distribution of Typing Speed

Age has a mean of 20.38, a standard deviation of 1.55, a median of 20 and an inter-quartile range of 2. Based on the histogram and QQ-Plot, we can conclude that the data is roughly normal, so it would be best to use the mean and standard deviation for this variable.

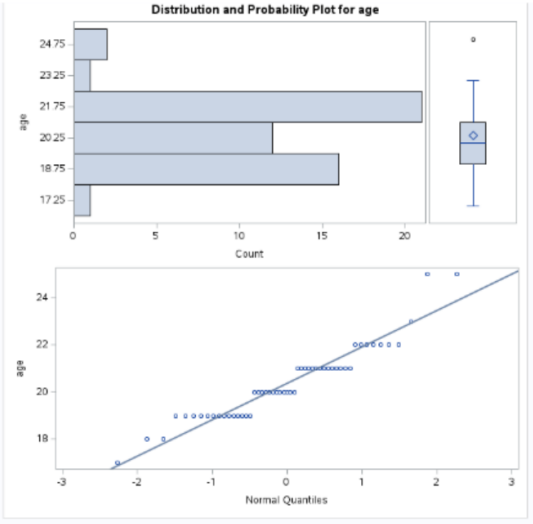


fig. iv: Distribution of Age

Height has a mean of 66.69, a standard deviation of 4.87, a median of 66 and an inter-quartile range of 7. Based on the histogram and QQ-Plot, we can conclude that the data is roughly normal, so it would be best to use the mean and standard deviation for this variable.

GPA has a mean of 3.53, a standard deviation of 0.37, a median of 3.6 and an inter-quartile range of 0.47. Based on the histogram and QQ-Plot, we can

conclude that the data is left-skewed, but still relatively normal, so it would be best to use the mean and standard deviation for this variable.

Caffeine Intake has a mean of 101.84, a standard deviation of 166.87, a median of 50 and an inter-quartile range of 100. Based on the histogram and QQ-Plot, we can conclude that the data is not normal, so it would be best to use the median and the inter-quartile range.

Alcohol Consumption has a mean of 3.93, a standard deviation of 3.91, a median of 4 and an inter-quartile range of 3. Based on the histogram and QQ-Plot, we can conclude that the data is right skewed, but roughly normal, so it would be best to use the mean and standard deviation for this variable.

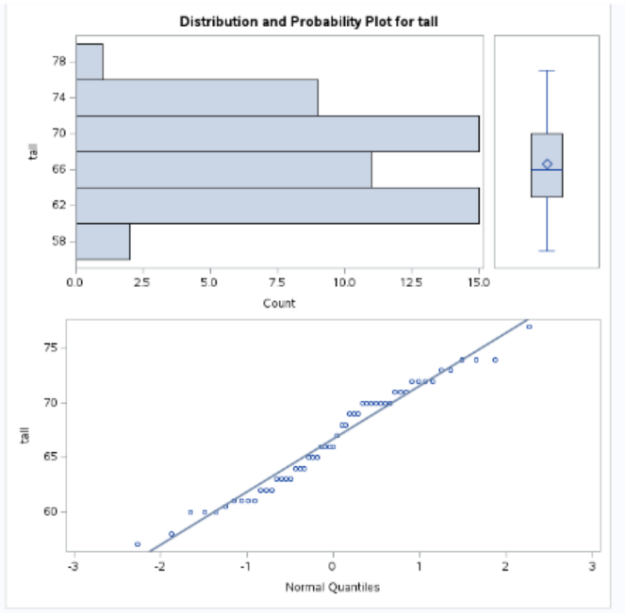


fig. vi: Distribution of Height

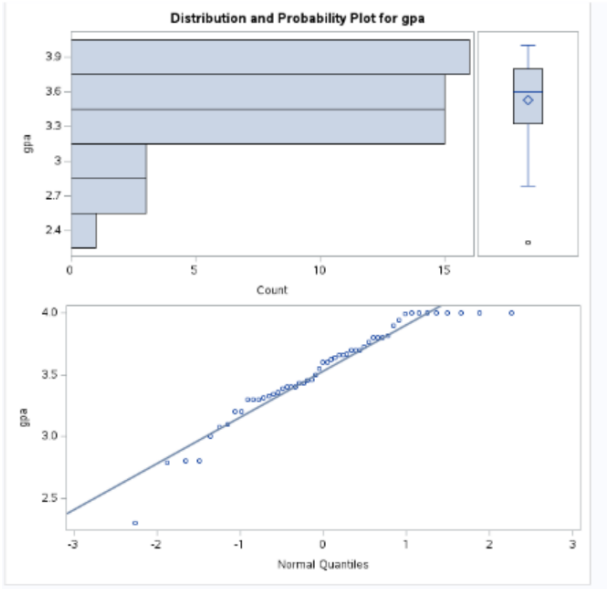


fig. v: Distribution of GPA

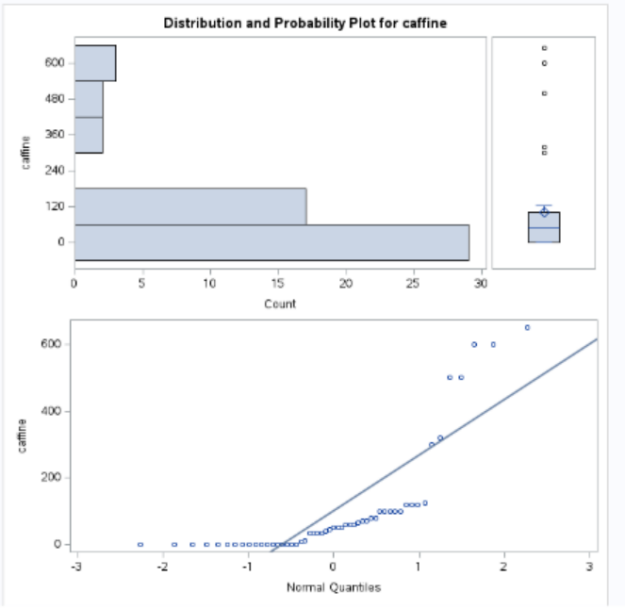


fig. vii: Distribution of Caffeine Intake

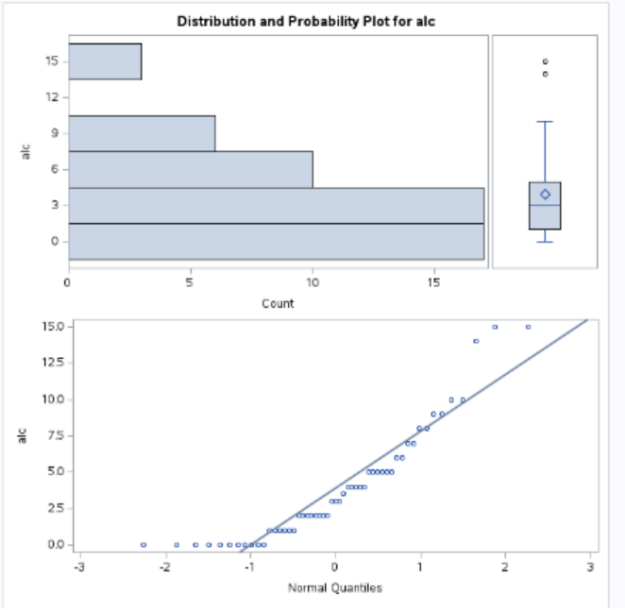


fig. viii: Distribution of Alcohol Consumption

Interestingly, all of the variables seem to want to be normal, but are inhibited by real-world logical limits. GPA would be roughly normal, if it were possible to get above a 4.0, but because it is not, there is a top-out at 4.0. Similarly, consumption caffeine and alcohol wants to go negative, but it is impossible to consume negative amounts of cafgeine or alcohol.

Frequency

Gender skews more male (49.06%) than female (41.51%), with non-binary making up a notable percentage (9.43%)

gender	Frequency	Percent
Female	22	41.51
Male	26	49.06
Non-Binary	5	9.43

fig. ix: Gender Frequency

Ethnicity mostly matches the makeup of the school, with around one half of respondents being white (49.06%), and around a quarter of respondents being Asian (24.53%).

ethnicity	Frequency	Percent
Asian	13	24.53
Black	2	3.77
Hispanic	3	5.66
Indian	4	7.55
Mixed	5	9.43
White	26	49.06

fig. x: Ethnicity Frequency

Primary Major a surprising variety of different majors, with the majority of majors only having one or two respondents. Notable though is that a quarter of respondents are Computer Science majors (26.42%), and a tenth of respondents are Mathematics majors (9.43%). This is most likely due to the fact that it is a Math class, which attracts Math majors, and Math is the most common upper level concentration among Computer Science majors.

Double Major - around 3 out of every 20 respondents reported that they are double majoring.

doubleMajor	Frequency	Percent
No	45	84.91
Yes	8	15.09

School – of the 8 schools respondents are a part of, over half are in Computer Mathematical and Natural Sciences (CMNS) (52.83%). Engineering is the second most common school (16.98%) and Behavioral and Social Science (BSOS) is third (13.21%).

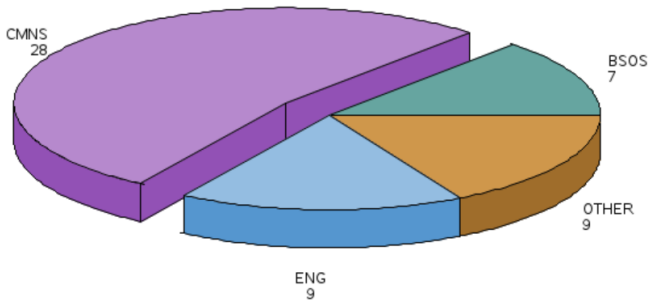


fig. xi: School Frequency Pie Chart

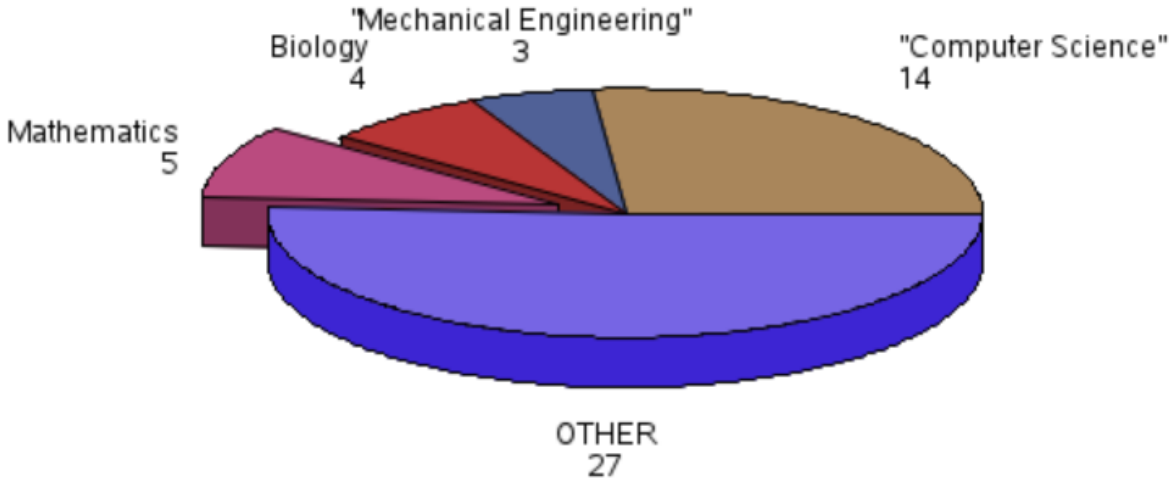


fig. xii: Major Pie Chart

Correlation

The numeric variables yielded this correlation table

Pearson Correlation Coefficients, N = 53 Prob > |r| under H0: Rho=0						
	typingSpeed	age	tall	gpa	caffine	alc
typingSpeed	1.00000	-0.09778 0.4861	0.05546 0.6933	0.00482 0.9727	-0.13873 0.3218	-0.04368 0.7561
age	-0.09778 0.4861	1.00000	-0.01728 0.9023	-0.34720 0.0109	0.21832 0.1163	0.73633 <.0001
tall	0.05546 0.6933	-0.01728 0.9023	1.00000	-0.11247 0.4227	-0.01601 0.9094	-0.10366 0.4601
gpa	0.00482 0.9727	-0.34720 0.0109	-0.11247 0.4227	1.00000	-0.32511 0.0175	-0.36860 0.0066
caffine	-0.13873 0.3218	0.21832 0.1163	-0.01601 0.9094	-0.32511 0.0175	1.00000	0.31168 0.0231
alc	-0.04368 0.7561	0.73633 <.0001	-0.10366 0.4601	-0.36860 0.0066	0.31168 0.0231	1.00000

fig. xiii: Correlation Table

Unfortunately, typing speed did not correlate well with many factors, and *age* correlated the most with other factors. The main pairs of correlation were *age-GPA* (-0.34720), *age-alcohol consumption* (0.73633), *age-caffeine intake* (0.21832), c*affeine-alcohol* (0.31168), *alcohol-GPA* (-0.36860) and *caffeine-GPA* (-0.32511). However, from this alone we cannot draw any conclusions about causation, because it may be that age is the factor that controls all these variables. For instance, it may not be that caffeine consumption causes a lower GPA, but rather caffeine consumers are taking harder classes, and thus need the caffeine to stay up at night.

These values tell us if there is a linear relationship between these values. For instance, the correlation coefficient of *caffeine-GPA* is -0.32511, meaning as caffeine increases, GPA can be modeled as decreasing linearly with strength -0.32511. Note that this does not mean that GPA decreases at rate -0.32511, just that is how strong the linear relationship is.

Inferential Statistics

Linear Regression for Typing Speed – Just Numeric

Typing speed was the goal of the original investigation, so hopefully some insights can be made into typing speed with the variables acquired. We will first run a linear regression on the numeric variables to try and predict typing speed.

Conditions:

Randomness: Although the sample is a convenience sample, they are random enough for the purposes of the experiment

Independence: The samples are independent from each other

Normality: As shown in Descriptive Statistics, typing speed follows a mostly normal distribution.

Thus we can proceed with the linear regression procedure, yielding the equation

$$\hat{y}_{Typing\,Speed} = 120.32451 - 2.55991\,x_{Age} + 0.27531\,x_{Height} - 3.58281\,x_{GPA} - 0.02244\,x_{Caffeine\,Consumption} + 0.68350\,x_{Alcohol\,Consumption}$$

However, this equation is not very useful. The ANOVA table shows that the model is not significant, meaning it does not explain a significant portion of the data. Similarly, the regular, non-adjusted R^2 value, or how much of the variation in the data is explained by the model, is low, meaning that even removing variables would not improve the regression. The adjusted R^2 value, a value that takes into account the number of variables in the model is even negative.

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	1081.44985	216.28997	0.34	0.8829
Error	47	29467	626.96393		
Corrected Total	52	30549			

fig. xiv: Typing Speed Numeric Only Regression ANOVA Table

Root MSE	25.03925	R-Square	0.0354
Dependent Mean	74.28302	Adj R-Sq	-0.0672
Coeff Var	33.70790		

fig. xv: Typing Speed Numeric Only Regression R-Squared Table

Unfortunately, a transformation of the data does not look like it would help, as the residuals for all variables look random.

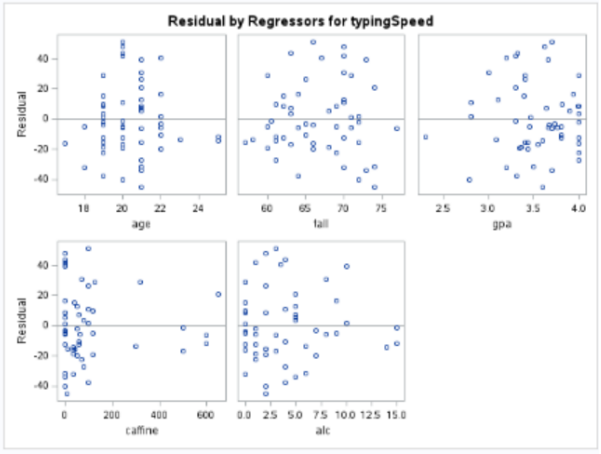


fig. xvi: Typing Speed Numeric Only Regression Residuals Table

Linear Regression for Typing Speed – All Variables

The hope is that by adding the categorical variables using the dummy variable method, we can achieve a better regression. The conditions are the same, so we can proceed directly with the regression, yielding the rather unwieldily equation

$$\begin{aligned}\hat{y}_{Typing\ Speed} = {} & 59.63659 - 3.09419\,x_{Age} + 0.50500\,x_{Height} - 7.47455\,x_{GPA} \\ & - 0.00660\,x_{Caffeine\ Consumption} + 0.50555\,x_{Alcohol\ Consumption} \\ & + 5.36505\,x_{CMNS} + 15.50462\,x_{ENG} + 6.11505\,x_{BSOS} \\ & - 7.65926\,x_{AGNR} + 15.93591\,x_{ARHU} + 13.73656\,x_{BUS} + 42.70029\,x_{EDU} \\ & + 15.43254\,x_{Double\ Major} - 5.49715\,x_{Male} - 0.74927\,x_{Female} \\ & + 20.11225\,x_{White} + 40.62351\,x_{Asian} + 29.71909\,x_{Mixed} \\ & + 40.71900\,x_{Indian} + 13.20544\,x_{Hispanic}\end{aligned}$$

Unfortunately, this equation, too is not very good, with the ANOVA p-value quite far from significance, and the R-Squared value, while better, still far below an acceptable level.

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	20	9558.35651	477.91783	0.73	0.7691
Error	32	20990	655.94994		
Corrected Total	52	30549			

fig. xvii: Typing Speed All Variables ANOVA Table

Root MSE	25.61152	R-Square	0.3129
Dependent Mean	74.28302	Adj R-Sq	-0.1166
Coeff Var	34.47830		

fig. xviii: Typing Speed All Variables R-Squared Table

With a p-value of 0.7691, we have failed to reject the null hypothesis that the linear regression models the data, and only 31.29% of the variation in the data is explained by the model, with the Adjusted R-Squared value again being negative.

Linear Regression for Typing Speed – "Best Model"

If we run a PROC REG procedure with the /SELECTION= ADJRSQ option, we get the "best" model in Adjusted R-Square terms.

$$\hat{y}_{Typing\ Speed} = 65.00509 + 26.99491\,x_{Education} + 18.95673\,x_{Double\ Major} + 16.38618\,x_{Asian} + 18.26655\,x_{Indian}$$

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	7222.93944	1805.73486	3.72	0.0103
Error	48	23326	485.95448		
Corrected Total	52	30549			

fig. xix: Typing Speed Best Regression ANOVA Table

Root MSE	22.04438	R-Square	0.2364
Dependent Mean	74.28302	Adj R-Sq	0.1728
Coeff Var	29.67620		

fig. xx: Typing Speed Best Regression R-Squared Table

In this regression, the ANOVA is rejected because 0.0103 is less than 0.05. Thus the model is significant, and explains a portion of the variation in the data.

However, although it is the case, the R-Squared value is still low, which has to do with the categorical variables not covering a large portion of the data.

Parameter P-Values

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	65.00509	3.92095	16.58	<.0001
S7	1	26.99491	16.07330	1.68	0.0996
DM	1	18.95673	8.83777	2.14	0.0370
R2	1	16.38618	7.19557	2.28	0.0273
R4	1	18.26655	12.13260	1.51	0.1387

fig. xxi: Typing Speed Best Regression Parameter P-Values

Analyzing the parameter p-values, which is a hypothesis test on whether or not the parameter estimate is equal to 0, we can see that with an alpha = 0.05, CMNS school students (S7) (p = 0.0996), Double Majoring students (DM) (p = 0.0370) and Asian students (R2) (p = 0.0273) are significantly different from 0.

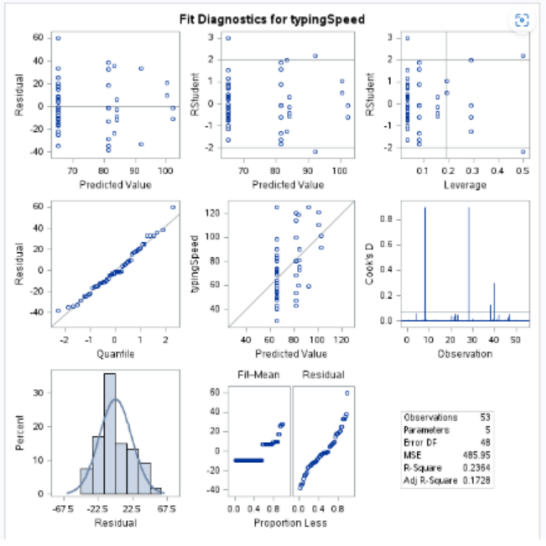


fig. xxii: Typing Speed "Best" Model Diagsostics Table

As seen in the Cook's D table, there are quite large outliers, and this is expected with only using categorical variables in this equation. Otherwise, it is uite normal, with residuals predictably lying at discrete points. The middle predicted value table reflects the low R-Squared value.

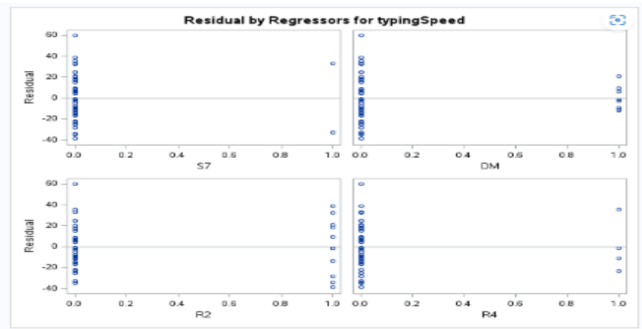


fig. xxiii: Typing Speed "Best" Model Residuals Graph

The residuals are predictably binary, because that's what dummy variables are.

Typing Speed Conclusion

We should not use any of the models to predict typing speed, because they are all bad with low R-Squared values. If we had to use one, we would use the only-categorical "best" model, but this is also limited in scope because it doesn't cover a large portion of the data. Only CMNS, Double Majors, Asian and Indian students.

Age Regression

Age had by far the most correlations of any of the variables in the data, so let's construct a linear age predictor using the data. Random Sampling, Independence and Normality conditions have been satisfied in the Descriptive Statistics portion.

This yields 8 variable equation

$$\begin{aligned}\hat{y}_{age} = 19.43411 &+ 0.31403\,x_{Alcohol\ Consumption} \\ &- 1.62585\,x_{BSOS} - 0.98675\,x_{ARHU} + 2.90088\,x_{EDU} \\ &+ 0.40793\,x_{Female} - 0.53689\,x_{Double\ Major} \\ &- 0.31421\,x_{Asian} - 2.84204_{Hispanic}\end{aligned}$$

And this is a good regression, unlike the typing predictors. If we look at the ANOVA and R-Squared values, they are very good.

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	90.78159	11.34770	14.83	<.0001
Error	44	33.67124	0.76526		
Corrected Total	52	124.45283			

fig. xxiv: Age Regression ANOVA

Root MSE	0.87479	R-Square	0.7294
Dependent Mean	20.37736	Adj R-Sq	0.6803
Coeff Var	4.29295		

fig. xxv: Age Regression R-Squared

The ANOVA is less than 0.05, meaning that it is statistically significant, and the R-Squared value is high for real world data at 0.7294, meaning that 72.94% of the variation in the data explained by the model. The Adjusted R-Squared is similarly quite high at 0.6803.

The parameter estimates are quite good as well, with the p-value of the parmeter estimates mostly less than 0.05, meaning that the hypothesis test that tests if they are equal to 0 is rejected, so the parameters do matter.

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	19.43411	0.21994	88.36	<.0001
alc	1	0.31403	0.03273	9.59	<.0001
S3	1	-1.62585	0.38436	-4.23	0.0001
S5	1	-0.98675	0.68495	-1.44	0.1568
S7	1	2.90088	1.07750	2.69	0.0100
G2	1	0.40793	0.27317	1.49	0.1425
DM	1	-0.53689	0.35075	-1.53	0.1330
R2	1	-0.31421	0.30083	-1.04	0.3020
R5	1	-2.84204	0.91426	-3.11	0.0033

fig. xxvi: Age Regression Param Estimates

Looking at the diagnostics, the data looks quite normal, with residuals that are quite random (the lines are from the discrete parameters, but oh well). There are a few outliers, but I wouldn't remove them, because we are still getting a very good regression.

The residual of interest, the continuous alcohol residual, also looks random to me, so we are good to go.

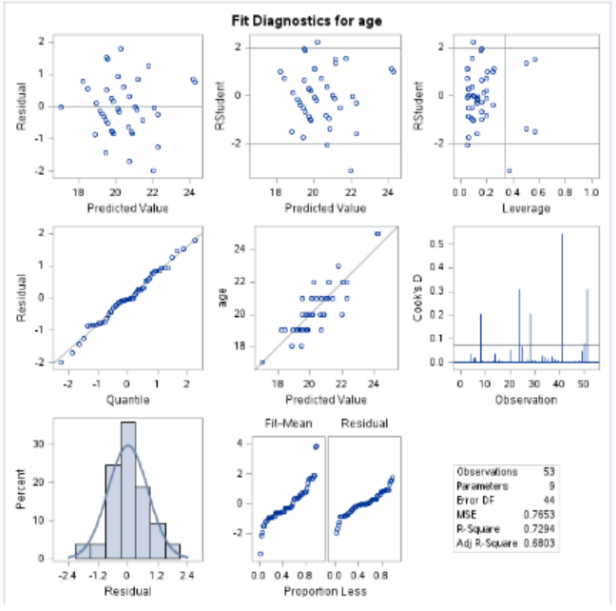


fig. xxvii: Age Regression Diagnostics

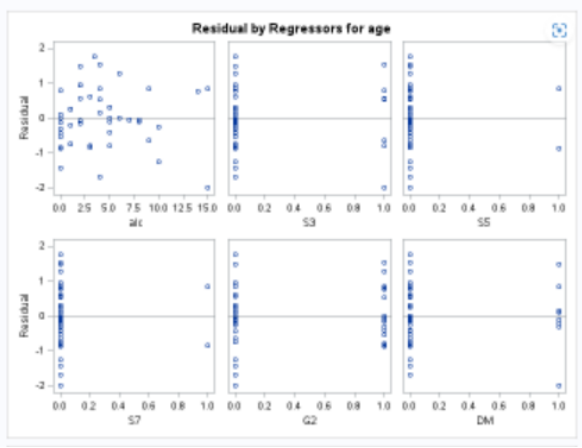


fig. xxviii: Age Regression Residuals

```
/* Import the Data */
DATA TypingSpeeds;
LENGTH date $30;
LENGTH gender $20;
LENGTH ethnicity $40;
LENGTH major $100;
LENGTH primaryMajor $100;
INFILE '/home/u62542252/data_cleaned_imputation.csv' DELIMITER=',' FIRSTOBS= 2;
INPUT typingSpeed age tall gpa caffine alc gender $ ethnicity $ major $ doubleMajor $ primaryMajor $ school $;
/* create dummy variables for categorical */
/* gender */
IF gender EQ "Female" THEN
DO
G2= 1; G1= 0;
END;

ELSE IF gender eq "Male" THEN
DO
G2= 0; G1= 1;
END;

ELSE
DO
G2= 0; G1= 0;
END;

/* doubleMajor */
IF doubleMajor EQ "Yes" THEN DM= 1;
ELSE DM= 0;

/* ethnicity */
IF ethnicity EQ "White" THEN
DO
R1= 1; R2= 0; R3= 0; R4= 0; R5= 0;
END;

ELSE IF ethnicity EQ "Asian" THEN
DO
R1= 0; R2= 1; R3= 0; R4= 0; R5= 0;
END;

ELSE IF ethnicity EQ "Mixed" THEN
DO
R1= 0; R2= 0; R3= 1; R4= 0; R5= 0;
END;

ELSE IF ethnicity EQ "Indian" THEN
DO
R1= 0; R2= 0; R3= 0; R4= 1; R5= 0;
END;

ELSE IF ethnicity EQ "Hispanic" THEN
DO
R1= 0; R2= 0; R3= 0; R4= 0; R5= 1;
END;

ELSE /* Black */
DO
R1= 0; R2= 0; R3= 0; R4= 0; R5= 0;
END;


/* school */
IF school EQ "CMNS" THEN
DO
S1= 1; S2= 0; S3= 0; S4= 0; S5= 0; S6= 0; S7= 0;
END;

ELSE IF school EQ "ENG" THEN
DO
S1= 0; S2= 1; S3= 0; S4= 0; S5= 0; S6= 0; S7= 0;
END;

ELSE IF school EQ "BSOS" THEN
DO
S1= 0; S2= 0; S3= 1; S4= 0; S5= 0; S6= 0; S7= 0;
END;
```

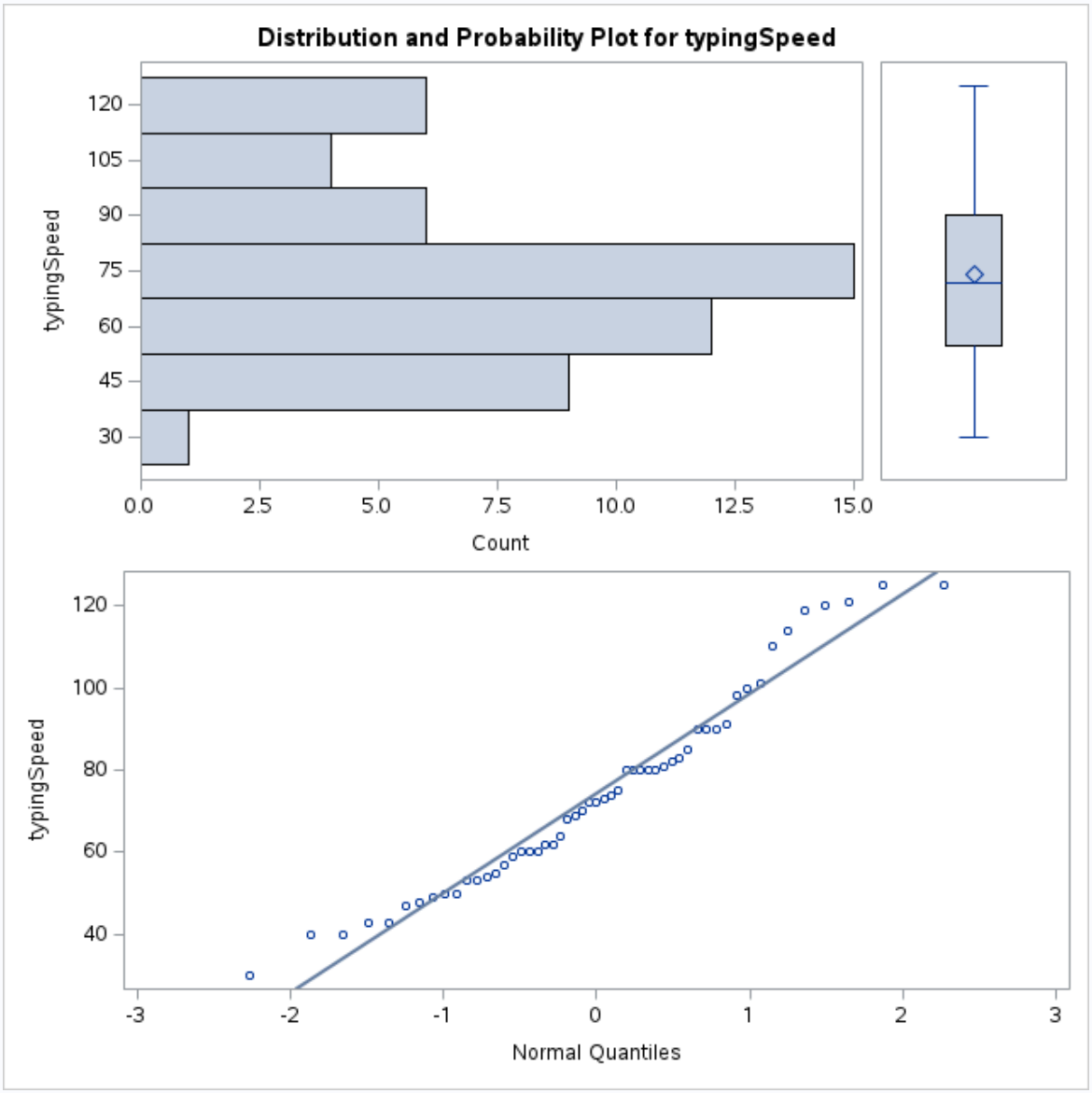
```
ELSE IF school EQ "AGNR" THEN
DO
S1= 0; S2= 0; S3= 0; S4= 1; S5= 0; S6= 0; S7= 0;
END;

ELSE IF school EQ "ARHU" THEN
DO
S1= 0; S2= 0; S3= 0; S4= 0; S5= 1; S6= 0; S7= 0;
END;

ELSE IF school EQ "BUS" THEN
DO
S1= 0; S2= 0; S3= 0; S4= 0; S5= 0; S6= 1; S7= 0;
END;

ELSE IF school EQ "EDU" THEN
DO
S1= 0; S2= 0; S3= 0; S4= 0; S5= 0; S6= 0; S7= 1;
END;

ELSE /* INFO case */
DO
S1= 0; S2= 0; S3= 0; S4= 0; S5= 0; S6= 0; S7= 0;
END;

RUN;

/* Preliminary Analysis on the Quantitative Variables */
PROC MEANS DATA= TypingSpeeds MEAN MEDIAN STDDEV QRANGE MAX MIN MAXDEC= 2;
VAR typingSpeed age tall gpa caffine alc;
RUN;

ODS SELECT PLOTS;
PROC UNIVARIATE DATA= TypingSpeeds PLOT;
VAR typingSpeed age tall gpa caffine alc;
RUN;
ODS SELECT ALL;

/* Prelim on Qualitative */
PROC FREQ DATA= TypingSpeeds;
TABLES gender ethnicity primaryMajor doubleMajor school /NOCUM;
RUN;

PROC GCHART DATA= TypingSpeeds;
PIE3D school /EXPLODE= 'CMNS';
PIE3D primaryMajor /EXPLODE= 'Mathematics';
RUN;

PROC CORR DATA= TypingSpeeds;
VAR typingSpeed age tall gpa caffine alc;
RUN;

/* Regression with all numeric vars */
PROC REG DATA= TypingSpeeds;
MODEL typingSpeed= age tall gpa caffine alc;
RUN;

/* Regression with all vars */
PROC REG DATA= TypingSpeeds;
MODEL typingSpeed= age tall gpa caffine alc
                   S1 S2 S3 S4 S5 S6 S7 G1 G2 DM R1 R2 R3 R4 R5;
RUN;

/* Regression with all vars adjrsq edition */
PROC REG DATA= TypingSpeeds;
MODEL typingSpeed= age tall gpa caffine alc
                   S1 S2 S3 S4 S5 S6 S7 G1 G2 DM R1 R2 R3 R4 R5 /SELECTION= ADJRSQ;
RUN;

/* The "best" model from ADJRSQ */
PROC REG DATA= TypingSpeeds;
MODEL typingSpeed= S7 DM R2 R4;
RUN;

/* Regression with all vars */
PROC REG DATA= TypingSpeeds;
MODEL age= typingSpeed tall gpa caffine alc
           S1 S2 S3 S4 S5 S6 S7 G1 G2 DM R1 R2 R3 R4 R5 /SELECTION= ADJRSQ ;
RUN;
```

```
PROC REG DATA= TypingSpeeds;
MODEL age= alc S3 S5 S7 G2 DM R2 R5;
RUN;
```

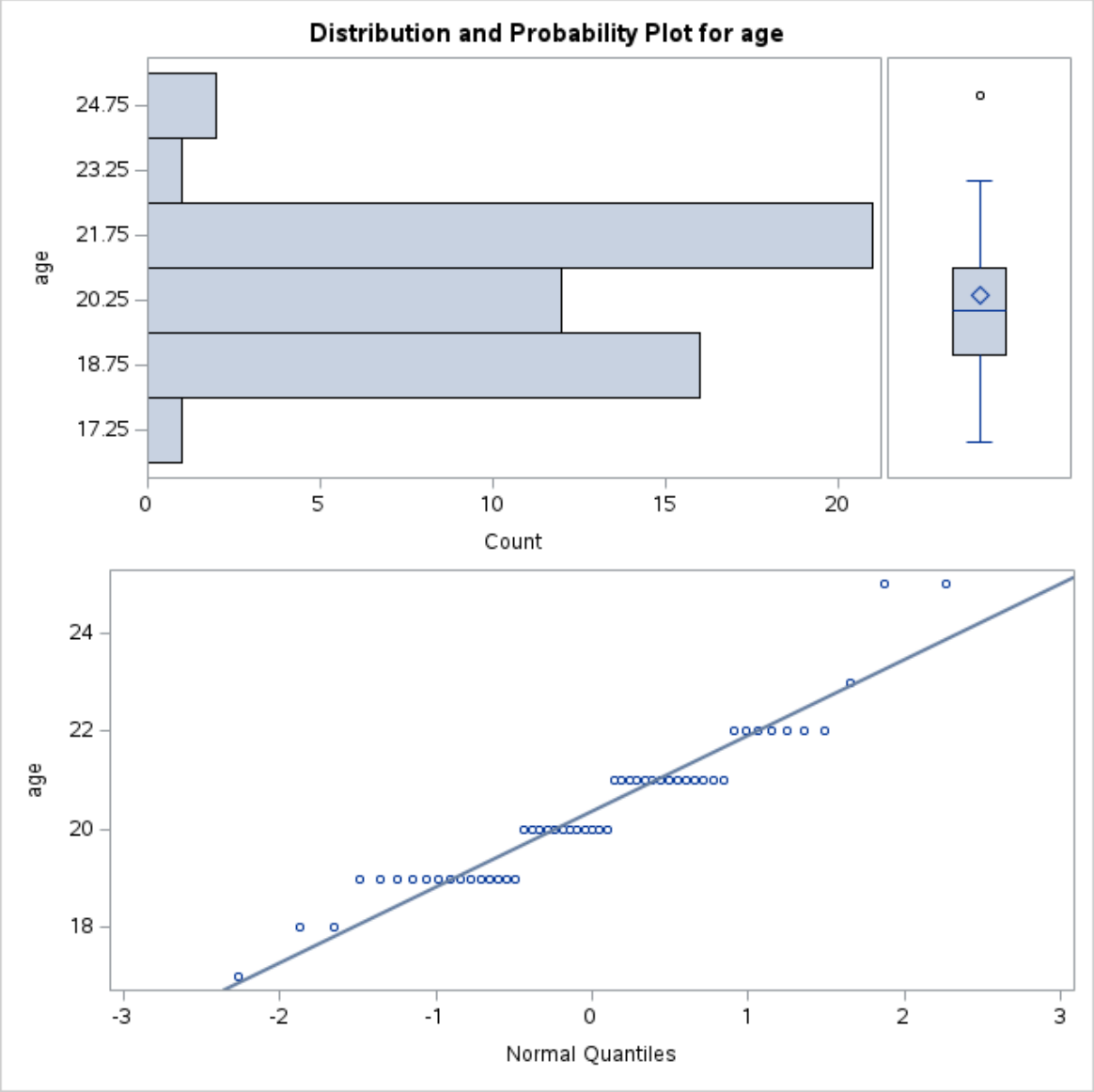
The MEANS Procedure

Variable	Mean	Median	Std Dev	Quartile Range	Maximum	Minimum
typingSpeed	74.28	72.00	24.24	35.00	125.00	30.00
age	20.38	20.00	1.55	2.00	25.00	17.00
tall	66.69	66.00	4.87	7.00	77.00	57.00
gpa	3.53	3.60	0.37	0.47	4.00	2.30
caffine	101.84	50.00	166.87	100.00	650.00	0.00
alc	3.93	3.00	3.91	4.00	15.00	0.00

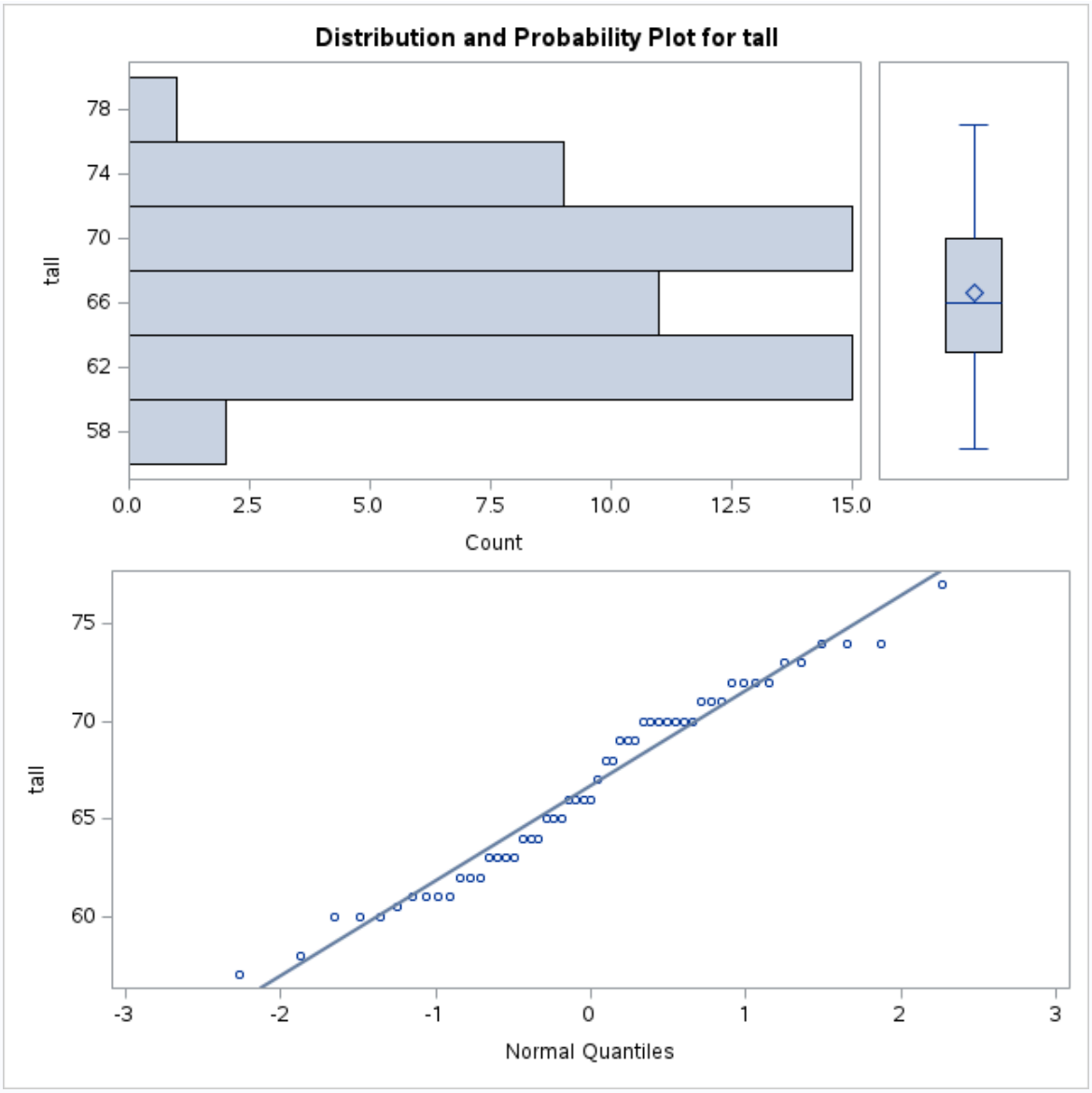
The UNIVARIATE Procedure



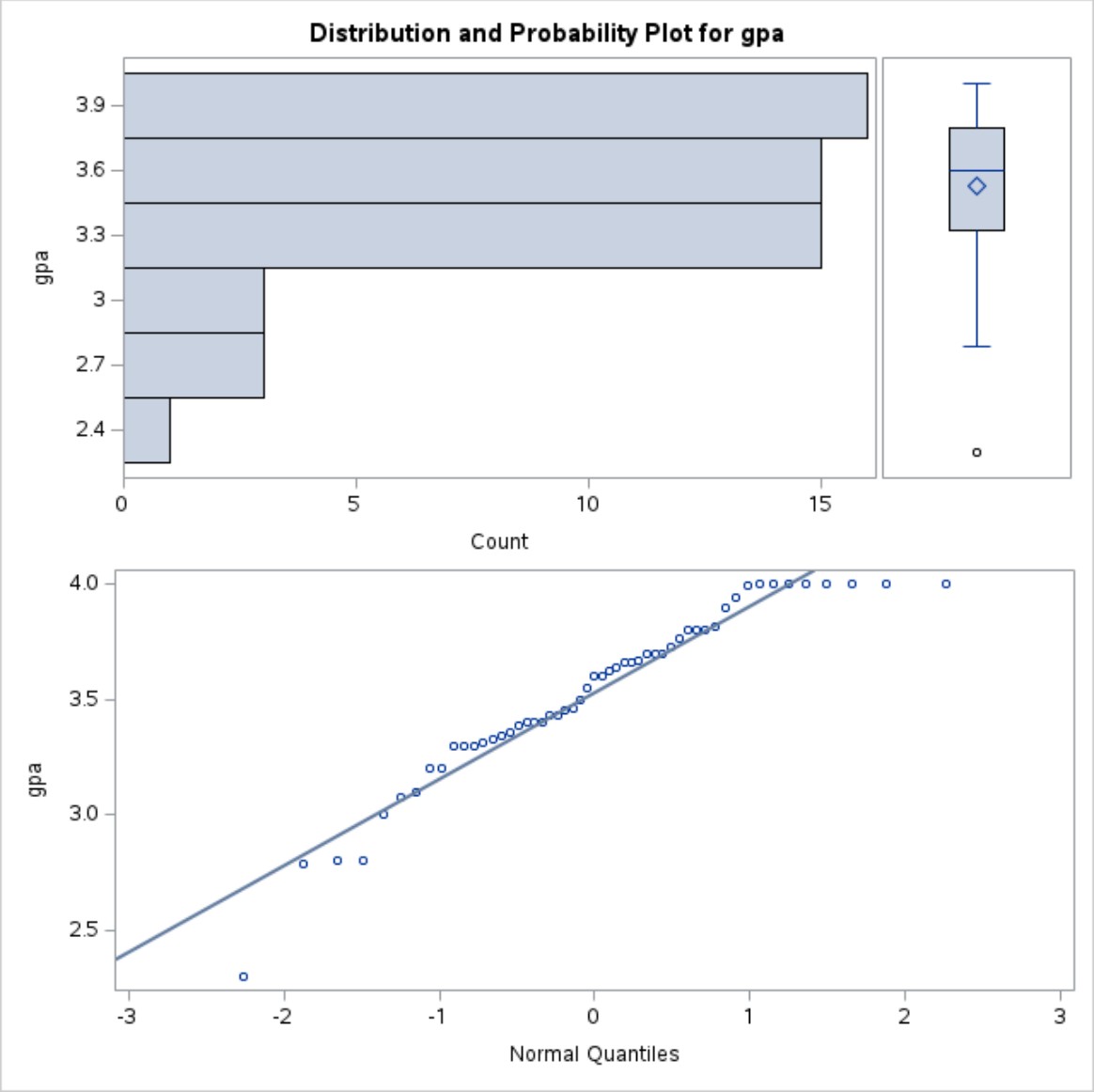
The UNIVARIATE Procedure



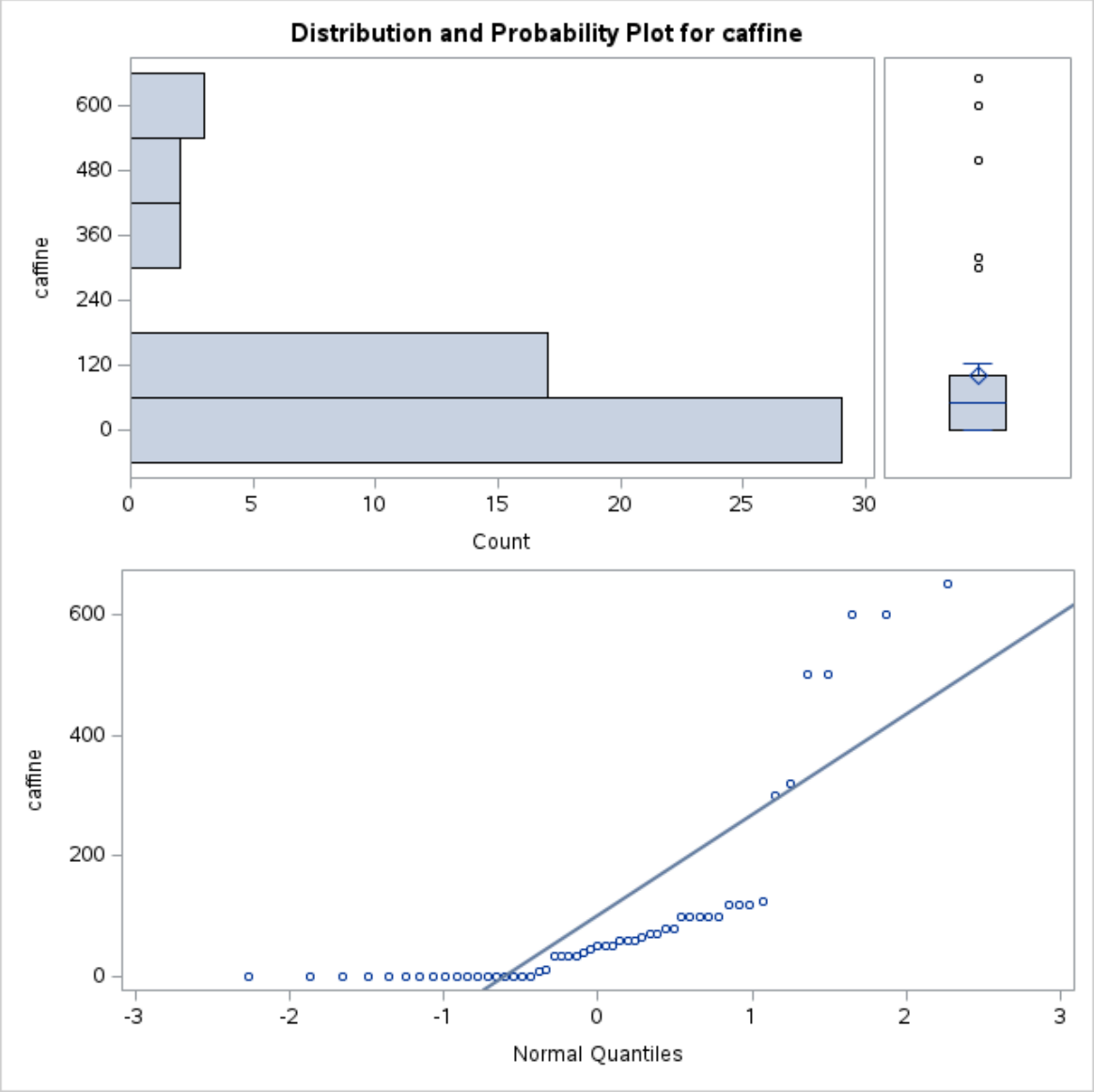
The UNIVARIATE Procedure



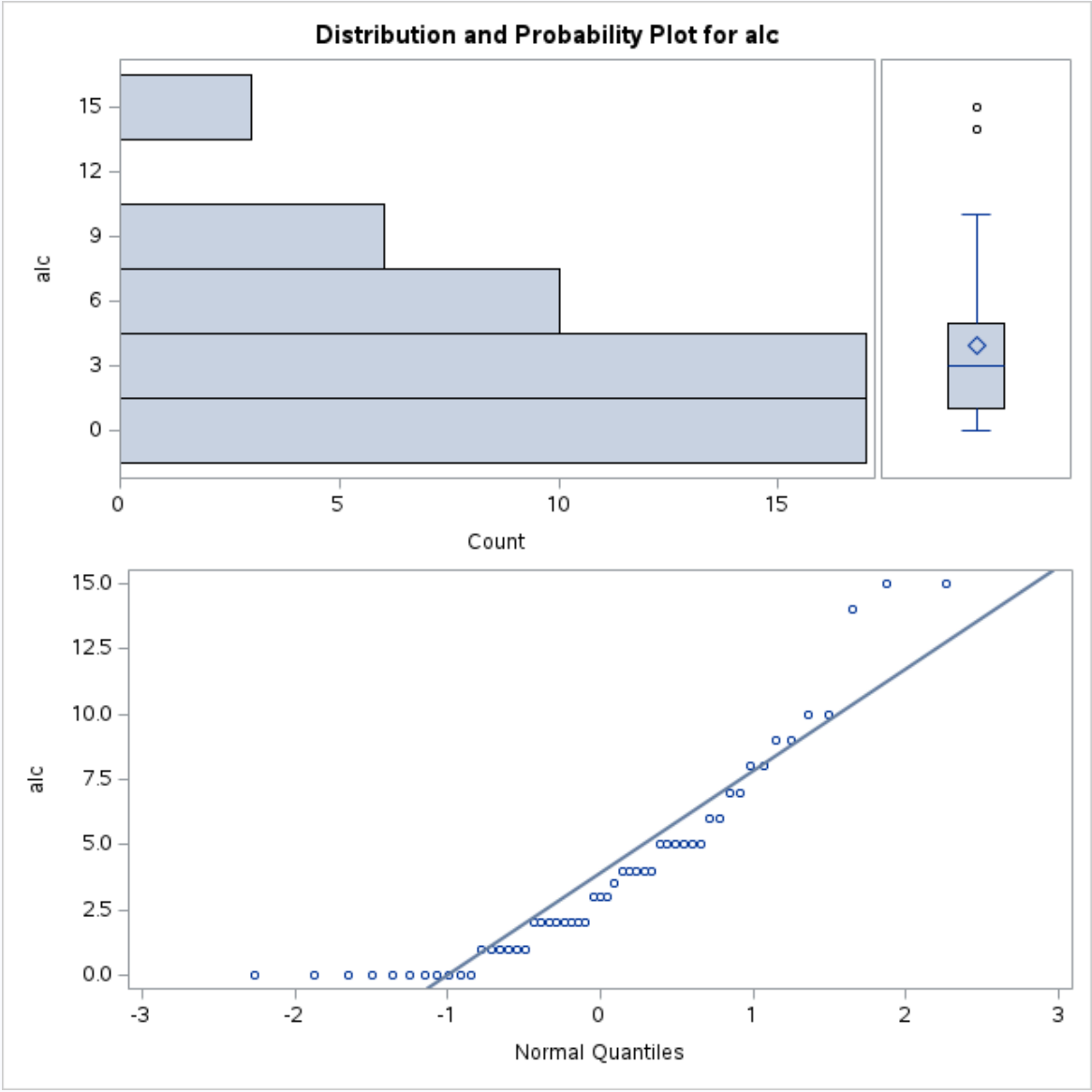
The UNIVARIATE Procedure



The UNIVARIATE Procedure



The UNIVARIATE Procedure



The FREQ Procedure

gender	Frequency	Percent
Female	22	41.51
Male	26	49.06
Non-Binary	5	9.43

ethnicity	Frequency	Percent
Asian	13	24.53
Black	2	3.77
Hispanic	3	5.66
Indian	4	7.55
Mixed	5	9.43
White	26	49.06

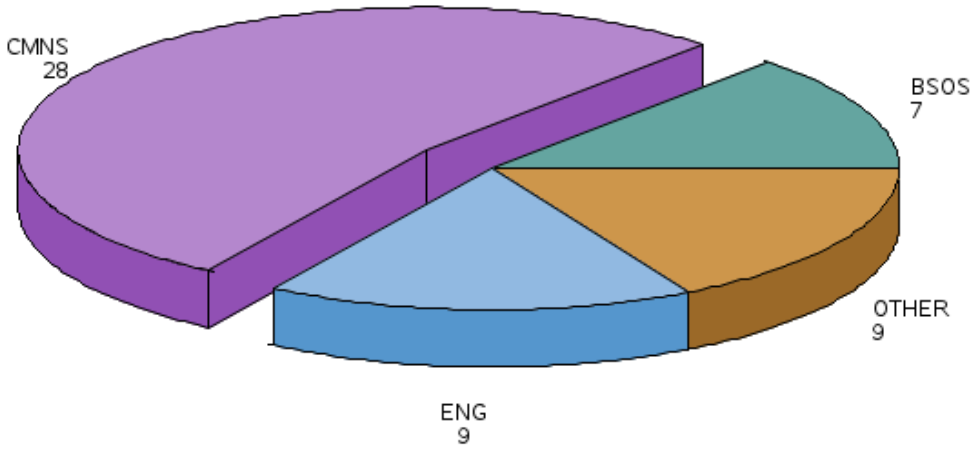
primaryMajor	Frequency	Percent
"Aerospace Engineering"	2	3.77
"Cell Biology and Genetics"	2	3.77
"Computer Engineering"	2	3.77
"Computer Science"	14	26.42

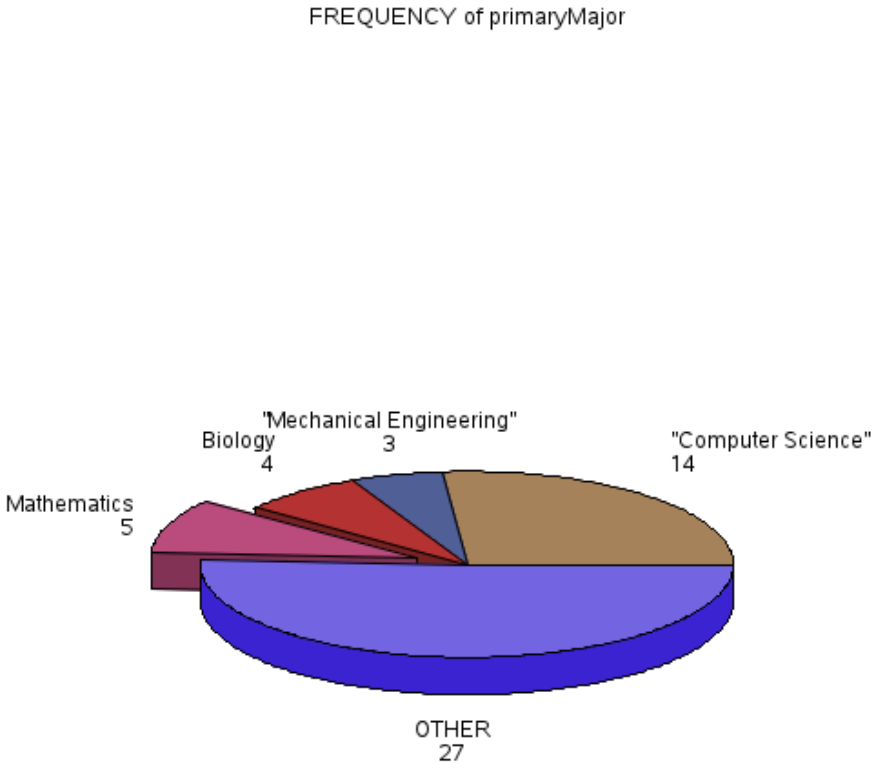
primaryMajor	Frequency	Percent
"Criminology and Criminal Justice"	2	3.77
"Electrical Engineering"	1	1.89
"Environmental Science and Policy"	2	3.77
"Geographical Sciences"	1	1.89
"Government and Politics"	1	1.89
"Information Science"	1	1.89
"Jewish Studies"	1	1.89
"Materials Science and Engineering"	1	1.89
"Mechanical Engineering"	3	5.66
Biology	4	7.55
Business	1	1.89
Education	2	3.77
Finance	1	1.89
Geology	2	3.77
History	1	1.89
Mathematics	5	9.43
Neuroscience	2	3.77
Psychology	2	3.77

doubleMajor	Frequency	Percent
No	45	84.91
Yes	8	15.09

school	Frequency	Percent
AGNR	2	3.77
ARHU	2	3.77
BSOS	7	13.21
BUS	2	3.77
CMNS	28	52.83
EDU	2	3.77
ENG	9	16.98
INFO	1	1.89

FREQUENCY of school





The CORR Procedure

6 Variables:	typingSpeed age tall gpa caffine alc

Simple Statistics

Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
typingSpeed	53	74.28302	24.23791	3937	30.00000	125.00000
age	53	20.37736	1.54704	1080	17.00000	25.00000
tall	53	66.68868	4.87362	3535	57.00000	77.00000
gpa	53	3.52836	0.37418	187.00300	2.30000	4.00000
caffine	53	101.83962	166.86890	5398	0	650.00000
alc	53	3.93396	3.90517	208.50000	0	15.00000

Pearson Correlation Coefficients, N = 53
Prob > |r| under H0: Rho=0

	typingSpeed	age	tall	gpa	caffine	alc
typingSpeed	1.00000	-0.09778 0.4861	0.05546 0.6933	0.00482 0.9727	-0.13873 0.3218	-0.04368 0.7561
age	-0.09778 0.4861	1.00000	-0.01728 0.9023	-0.34720 0.0109	0.21832 0.1163	0.73633 <.0001
tall	0.05546 0.6933	-0.01728 0.9023	1.00000	-0.11247 0.4227	-0.01601 0.9094	-0.10366 0.4601
gpa	0.00482 0.9727	-0.34720 0.0109	-0.11247 0.4227	1.00000	-0.32511 0.0175	-0.36860 0.0066
caffine	-0.13873	0.21832	-0.01601	-0.32511	1.00000	0.31168

Pearson Correlation Coefficients, N = 53
Prob > |r| under H0: Rho=0

	typingSpeed	age	tall	gpa	caffine	alc
	0.3218	0.1163	0.9094	0.0175		0.0231
alc	-0.04368 0.7561	0.73633 <.0001	-0.10366 0.4601	-0.36860 0.0066	0.31168 0.0231	1.00000

The REG Procedure
Model: MODEL1
Dependent Variable: typingSpeed

Number of Observations Read	53
Number of Observations Used	53

Analysis of Variance

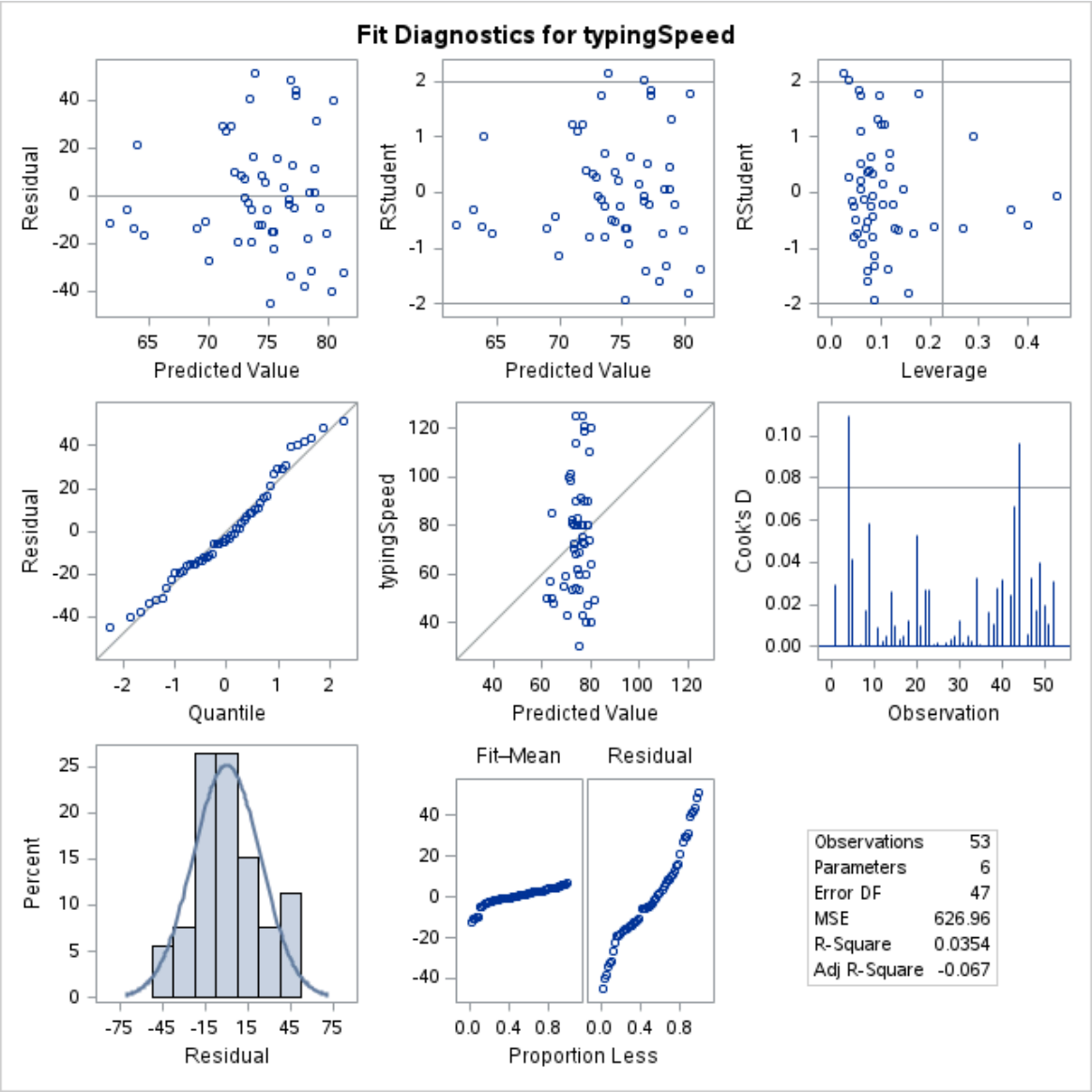
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	1081.44985	216.28997	0.34	0.8829
Error	47	29467	626.96393		
Corrected Total	52	30549			

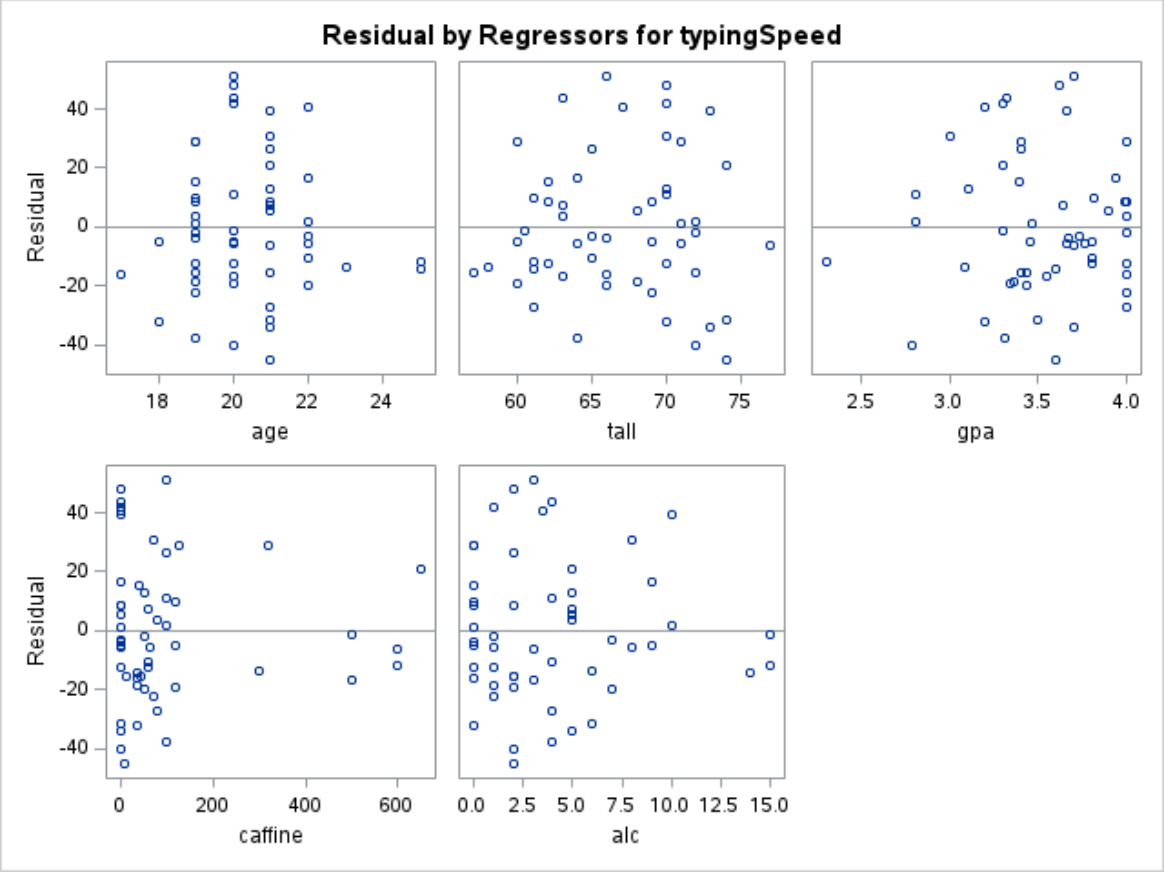
Root MSE	25.03925	R-Square	0.0354
Dependent Mean	74.28302	Adj R-Sq	-0.0672
Coeff Var	33.70790		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	120.32451	93.85104	1.28	0.2061
age	1	-2.55991	3.35324	-0.76	0.4490
tall	1	0.27531	0.72793	0.38	0.7070
gpa	1	-3.58281	10.48910	-0.34	0.7342
caffine	1	-0.02244	0.02258	-0.99	0.3254
alc	1	0.68350	1.37677	0.50	0.6219

The REG Procedure
Model: MODEL1
Dependent Variable: typingSpeed


Fit Diagnostics for typingSpeed
Residual
Predicted Value
RStudent
Predicted Value
RStudent
Leverage
Residual
Quantile
typingSpeed
Predicted Value
Cook's D
Observation
Percent
Residual
Fit–Mean
Residual
Proportion Less
Observations 53
Parameters 6
Error DF 47
MSE 626.96
R-Square 0.0354
Adj R-Square -0.067



The REG Procedure
Model: MODEL1
Dependent Variable: typingSpeed

Number of Observations Read	53
Number of Observations Used	53

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	20	9558.35651	477.91783	0.73	0.7691
Error	32	20990	655.94994		
Corrected Total	52	30549			

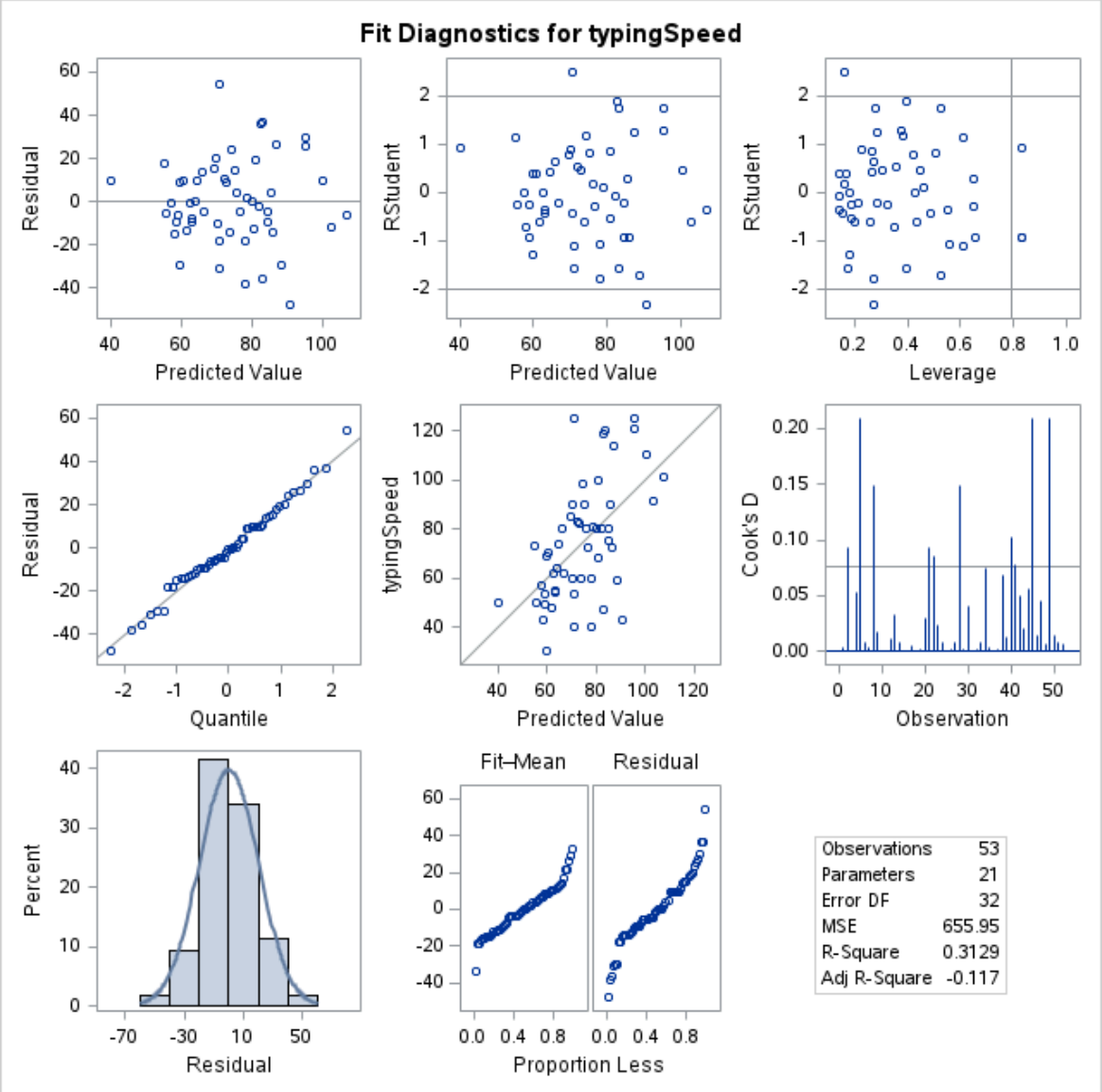
Root MSE	25.61152	R-Square	0.3129
Dependent Mean	74.28302	Adj R-Sq	-0.1166
Coeff Var	34.47830		

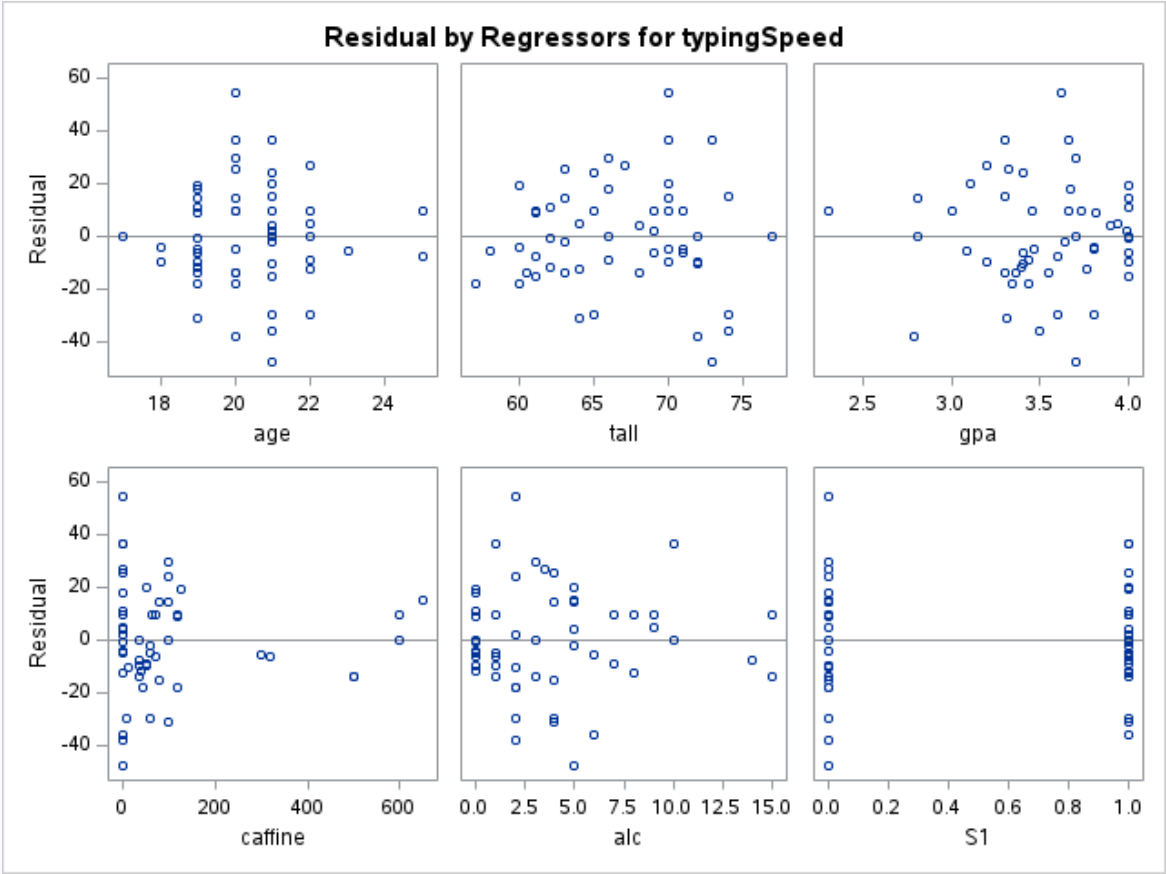
Parameter Estimates

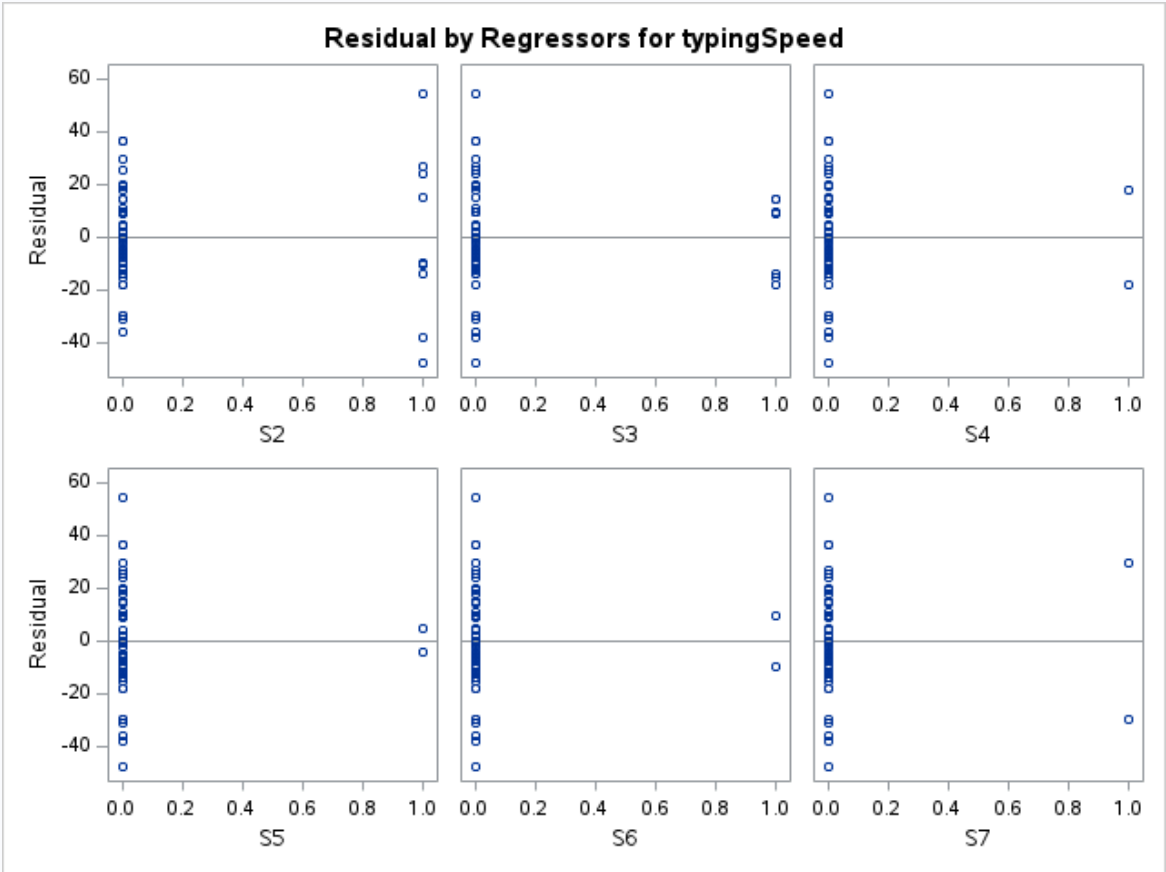
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	89.63659	124.22757	0.72	0.4758
age	1	-3.09419	4.60731	-0.67	0.5067
tall	1	0.59500	1.11987	0.53	0.5989
gpa	1	-7.47455	13.89328	-0.54	0.5943
caffine	1	-0.00660	0.02495	-0.26	0.7930
alc	1	0.50585	1.92921	0.26	0.7948
S1	1	5.36805	29.19809	0.18	0.8553
S2	1	15.80462	29.90574	0.53	0.6008

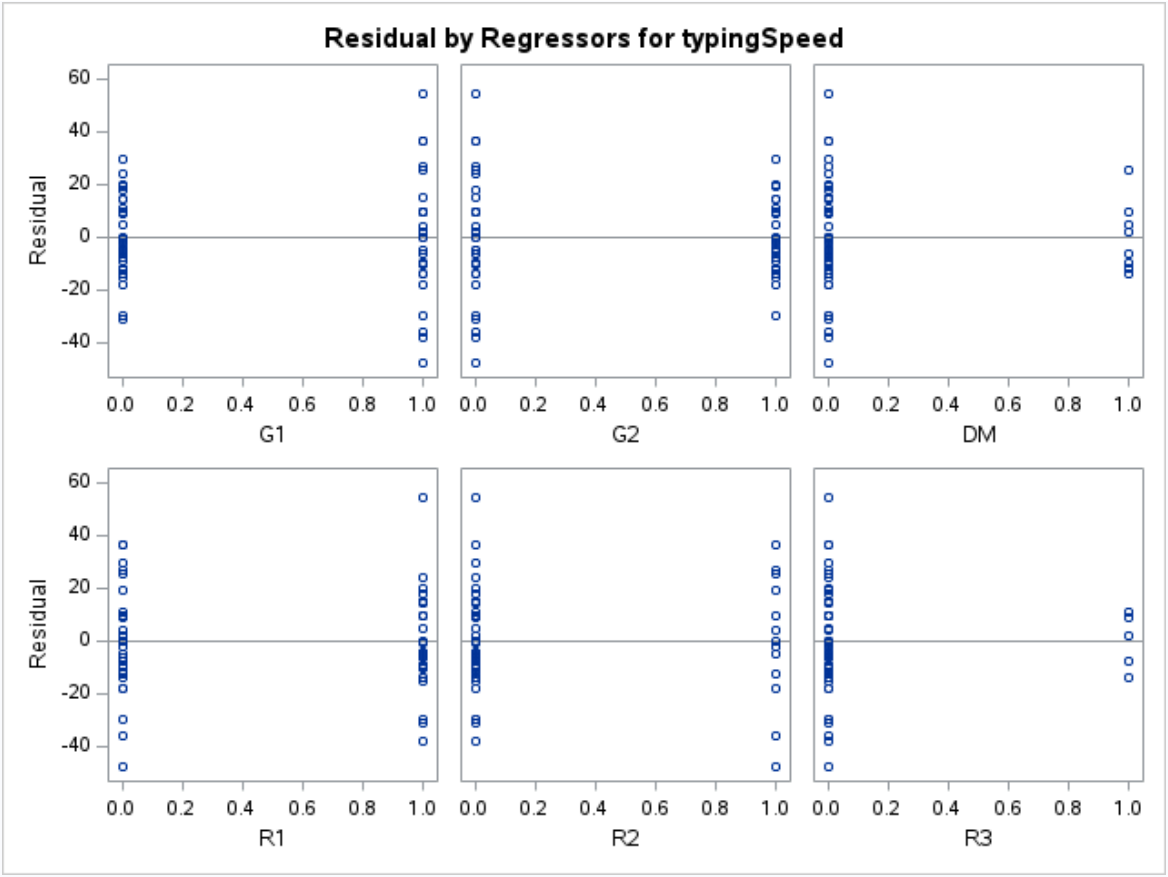
Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
S3	1	6.11805	31.89221	0.19	0.8491
S4	1	-7.68926	34.95243	-0.22	0.8273
S5	1	15.93591	38.41564	0.41	0.6810
S6	1	13.73686	38.43795	0.36	0.7232
S7	1	42.70029	44.91288	0.95	0.3489
G1	1	-8.49718	14.86507	-0.57	0.5716
G2	1	-0.74927	15.23642	-0.05	0.9611
DM	1	15.43254	12.80996	1.20	0.2371
R1	1	20.11225	24.83392	0.81	0.4240
R2	1	40.62351	26.25239	1.55	0.1316
R3	1	29.71909	30.03881	0.99	0.3299
R4	1	40.71900	29.78425	1.37	0.1811
R5	1	13.20544	38.58675	0.34	0.7344

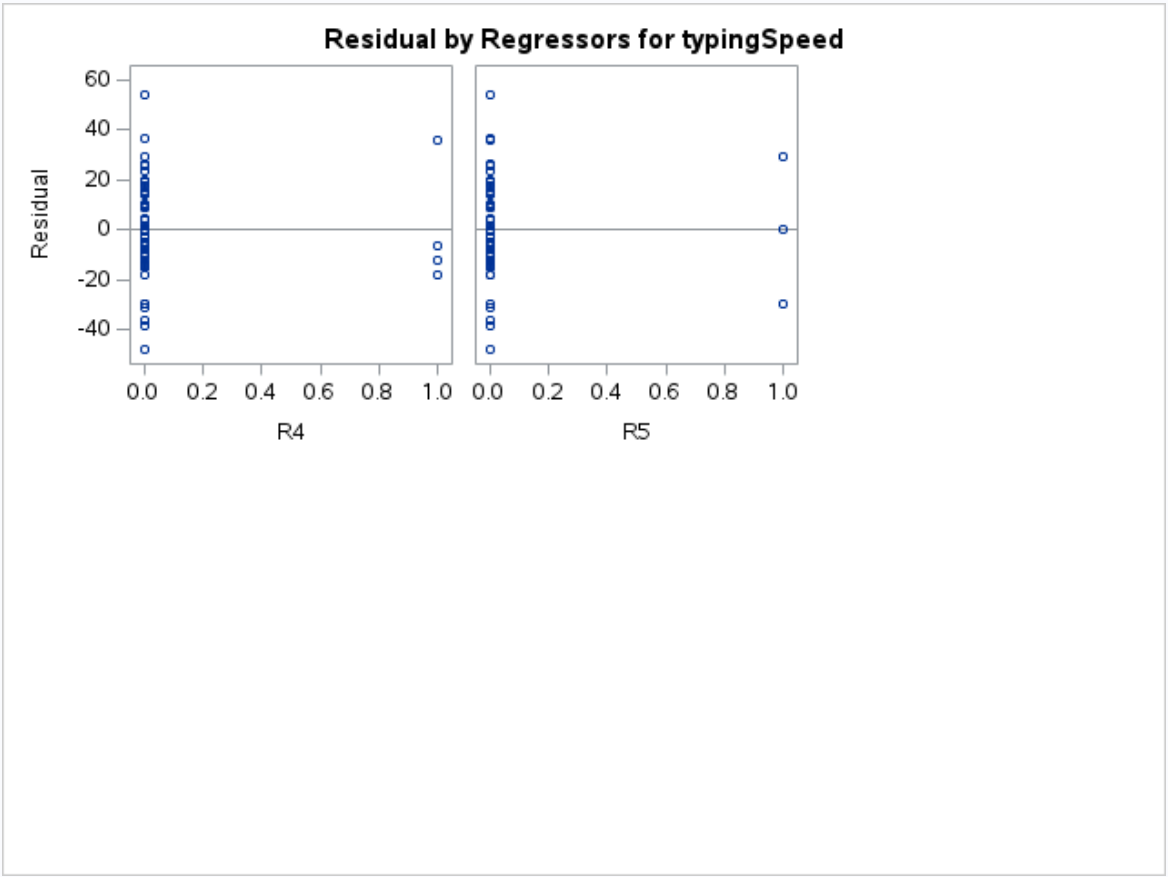
The REG Procedure
Model: MODEL1
Dependent Variable: typingSpeed




Residual by Regressors for typingSpeed
Residual
age
tall
gpa
caffine
alc
S1


Residual by Regressors for typingSpeed
Residual
S2
S3
S4
S5
S6
S7





The REG Procedure
Model: MODEL1
Dependent Variable: typingSpeed

Adjusted R-Square Selection Method

Number of Observations Read	53
Number of Observations Used	53

Number in Model	Adjusted R-Square	R-Square	Variables in Model
4	0.1728	0.2364	S7 DM R2 R4
5	0.1714	0.2511	S2 S7 DM R2 R4
5	0.1668	0.2470	S6 S7 DM R2 R4
5	0.1661	0.2463	age S7 DM R2 R4
6	0.1638	0.2602	age S2 S7 DM R2 R4
6	0.1633	0.2598	S2 S6 S7 DM R2 R4
5	0.1632	0.2437	S4 S7 DM R2 R4
5	0.1631	0.2435	caffine S7 DM R2 R4
5	0.1616	0.2422	alc S7 DM R2 R4
6	0.1607	0.2575	caffine S2 S7 DM R2 R4
6	0.1606	0.2575	S2 S7 G1 DM R2 R4
5	0.1596	0.2405	tall S7 DM R2 R4
6	0.1593	0.2563	age S4 S7 DM R2 R4
6	0.1593	0.2563	S2 S4 S7 DM R2 R4
5	0.1586	0.2395	S5 S7 DM R2 R4
5	0.1583	0.2393	S1 S7 DM R2 R4
6	0.1582	0.2554	S2 S5 S7 DM R2 R4
5	0.1581	0.2391	S7 DM R1 R2 R4
6	0.1578	0.2550	S2 S7 G2 DM R2 R4
6	0.1572	0.2544	S4 S6 S7 DM R2 R4
6	0.1568	0.2541	alc S2 S7 DM R2 R4
6	0.1563	0.2536	gpa S2 S7 DM R2 R4
5	0.1561	0.2373	S7 DM R2 R3 R4
6	0.1559	0.2533	S2 S7 DM R2 R3 R4
5	0.1559	0.2370	S7 G1 DM R2 R4
6	0.1558	0.2532	S2 S3 S7 DM R2 R4
5	0.1557	0.2369	S3 S7 DM R2 R4
5	0.1556	0.2368	gpa S7 DM R2 R4
6	0.1555	0.2530	S2 S7 DM R1 R2 R4
6	0.1555	0.2529	age S6 S7 DM R2 R4
6	0.1553	0.2528	S1 S6 S7 DM R2 R4
5	0.1552	0.2365	S7 DM R2 R4 R5
5	0.1552	0.2365	S7 G2 DM R2 R4
6	0.1547	0.2522	alc S4 S7 DM R2 R4
4	0.1543	0.2194	DM R2 R4 R5
6	0.1542	0.2518	tall S2 S7 DM R2 R4
7	0.1539	0.2678	age S2 S4 S7 DM R2 R4
6	0.1535	0.2512	S1 S2 S7 DM R2 R4
6	0.1534	0.2511	S2 S7 DM R2 R4 R5
6	0.1534	0.2511	caffine S4 S7 DM R2 R4
6	0.1532	0.2509	tall S6 S7 DM R2 R4
6	0.1530	0.2508	caffine S6 S7 DM R2 R4
7	0.1528	0.2668	S2 S7 DM R1 R2 R3 R4
5	0.1525	0.2340	S2 DM R2 R4 R5
6	0.1524	0.2502	alc S6 S7 DM R2 R4
4	0.1523	0.2175	age S7 DM R2
6	0.1520	0.2499	age caffine S7 DM R2 R4
6	0.1519	0.2497	age tall S7 DM R2 R4

Number in Model	Adjusted R-Square	R-Square	Variables in Model
4	0.1516	0.2169	S6 S7 DM R2
6	0.1516	0.2495	S1 S4 S7 DM R2 R4
7	0.1514	0.2657	age S2 S7 G1 DM R2 R4
3	0.1514	0.2004	S7 DM R2
7	0.1514	0.2656	age S2 S6 S7 DM R2 R4
7	0.1513	0.2656	S2 S4 S7 G1 DM R2 R4
6	0.1511	0.2491	S7 DM R1 R2 R3 R4
7	0.1511	0.2653	S2 S4 S6 S7 DM R2 R4
6	0.1510	0.2489	age S5 S7 DM R2 R4
6	0.1509	0.2489	S5 S6 S7 DM R2 R4
6	0.1505	0.2485	age S1 S7 DM R2 R4
6	0.1505	0.2485	S6 S7 DM R1 R2 R4
6	0.1504	0.2484	age S7 DM R1 R2 R4
7	0.1503	0.2647	S1 S4 S6 S7 DM R2 R4
6	0.1498	0.2479	age S7 DM R2 R3 R4
7	0.1498	0.2643	age S2 S7 G2 DM R2 R4
4	0.1497	0.2151	alc S7 DM R2
6	0.1497	0.2478	age S7 DM R2 R4 R5
7	0.1495	0.2640	age S2 S5 S7 DM R2 R4
6	0.1494	0.2476	tall caffine S7 DM R2 R4
7	0.1491	0.2636	age S2 S7 DM R2 R3 R4
7	0.1490	0.2635	tall S2 S7 G1 DM R2 R4
7	0.1489	0.2635	age caffine S2 S7 DM R2 R4
6	0.1489	0.2471	S6 S7 G2 DM R2 R4
6	0.1489	0.2471	S6 S7 DM R2 R3 R4
7	0.1489	0.2634	caffine S2 S6 S7 DM R2 R4
6	0.1489	0.2471	S3 S6 S7 DM R2 R4
6	0.1488	0.2470	S6 S7 DM R2 R4 R5
6	0.1488	0.2470	gpa S6 S7 DM R2 R4
6	0.1487	0.2470	S6 S7 G1 DM R2 R4
6	0.1486	0.2469	S4 S7 DM R1 R2 R4
6	0.1486	0.2468	caffine S1 S7 DM R2 R4
6	0.1485	0.2468	age gpa S7 DM R2 R4
6	0.1484	0.2467	age S7 G1 DM R2 R4
6	0.1484	0.2467	S4 S5 S7 DM R2 R4
7	0.1484	0.2630	caffine S2 S4 S7 DM R2 R4
7	0.1484	0.2630	S2 S6 S7 G1 DM R2 R4
7	0.1481	0.2628	S2 S5 S6 S7 DM R2 R4
6	0.1481	0.2464	age S3 S7 DM R2 R4
6	0.1480	0.2463	age S7 G2 DM R2 R4
5	0.1480	0.2299	S6 DM R2 R4 R5
6	0.1480	0.2463	age alc S7 DM R2 R4
7	0.1479	0.2626	age S4 S6 S7 DM R2 R4
6	0.1478	0.2461	tall S4 S7 DM R2 R4
6	0.1476	0.2460	tall S7 G1 DM R2 R4
6	0.1475	0.2459	caffine alc S7 DM R2 R4
7	0.1475	0.2623	caffine S2 S7 G1 DM R2 R4
6	0.1474	0.2458	alc S1 S7 DM R2 R4
6	0.1474	0.2457	S4 S7 G1 DM R2 R4
6	0.1470	0.2455	caffine S7 DM R1 R2 R4
5	0.1470	0.2290	age S4 S7 DM R2
8	0.1469	0.2782	age S2 S7 DM R1 R2 R3 R4
6	0.1469	0.2453	tall S5 S7 DM R2 R4
7	0.1469	0.2617	age S1 S4 S7 DM R2 R4

Number in Model	Adjusted R-Square	R-Square	Variables in Model
7	0.1468	0.2617	age S2 S7 DM R1 R2 R4
7	0.1468	0.2617	S2 S6 S7 G2 DM R2 R4
6	0.1468	0.2452	alc S5 S7 DM R2 R4
6	0.1468	0.2452	caffine S5 S7 DM R2 R4
7	0.1465	0.2614	age S2 S3 S7 DM R2 R4
6	0.1465	0.2450	tall alc S7 DM R2 R4
7	0.1464	0.2613	alc S2 S6 S7 DM R2 R4
7	0.1464	0.2613	alc S2 S4 S7 DM R2 R4
7	0.1461	0.2611	S2 S3 S6 S7 DM R2 R4
7	0.1460	0.2610	age S2 S7 DM R2 R4 R5
7	0.1459	0.2609	S2 S6 S7 DM R1 R2 R4
7	0.1458	0.2608	age alc S2 S7 DM R2 R4
6	0.1458	0.2444	S4 S7 DM R2 R3 R4
7	0.1458	0.2608	S2 S6 S7 DM R2 R3 R4
7	0.1458	0.2607	age S7 DM R1 R2 R3 R4
7	0.1457	0.2607	age tall S2 S7 DM R2 R4
6	0.1457	0.2443	caffine S7 DM R2 R3 R4
6	0.1457	0.2442	caffine S3 S7 DM R2 R4
7	0.1456	0.2606	tall S2 S6 S7 DM R2 R4
5	0.1456	0.2277	age S2 S7 DM R2
7	0.1455	0.2605	gpa S2 S6 S7 DM R2 R4
7	0.1454	0.2605	tall S2 S7 G2 DM R2 R4
6	0.1454	0.2440	gpa S4 S7 DM R2 R4
7	0.1454	0.2604	age S1 S2 S7 DM R2 R4
6	0.1454	0.2440	alc S7 DM R2 R3 R4
7	0.1453	0.2604	age gpa S2 S7 DM R2 R4
6	0.1453	0.2439	S3 S4 S7 DM R2 R4
7	0.1453	0.2603	S2 S4 S5 S7 DM R2 R4
4	0.1452	0.2110	S2 S7 DM R2
6	0.1452	0.2438	alc S3 S7 DM R2 R4
7	0.1452	0.2602	caffine S2 S7 G2 DM R2 R4
6	0.1451	0.2438	S4 S7 G2 DM R2 R4
7	0.1451	0.2602	S1 S2 S6 S7 DM R2 R4
7	0.1451	0.2602	caffine S2 S5 S7 DM R2 R4
6	0.1451	0.2437	caffine S7 G1 DM R2 R4
7	0.1451	0.2602	S2 S3 S7 G1 DM R2 R4
6	0.1451	0.2437	S4 S7 DM R2 R4 R5
7	0.1451	0.2602	alc S1 S4 S7 DM R2 R4
7	0.1451	0.2602	S2 S4 S7 G2 DM R2 R4
7	0.1451	0.2602	caffine S2 S3 S7 DM R2 R4
5	0.1451	0.2273	alc S4 S7 DM R2
6	0.1451	0.2437	tall S1 S7 DM R2 R4
6	0.1451	0.2437	gpa caffine S7 DM R2 R4
6	0.1450	0.2437	caffine S7 DM R2 R4 R5
5	0.1450	0.2272	age S6 S7 DM R2
6	0.1450	0.2436	tall S7 G2 DM R2 R4
6	0.1449	0.2436	alc S7 DM R1 R2 R4
7	0.1449	0.2600	S2 S5 S7 G1 DM R2 R4
6	0.1449	0.2435	caffine S7 G2 DM R2 R4
8	0.1448	0.2764	age S2 S4 S7 G1 DM R2 R4
7	0.1448	0.2599	alc S4 S6 S7 DM R2 R4
7	0.1447	0.2599	S2 S6 S7 DM R2 R4 R5
7	0.1446	0.2597	age caffine S4 S7 DM R2 R4
7	0.1445	0.2597	S2 S7 G1 DM R2 R3 R4

Number in Model	Adjusted R-Square	R-Square	Variables in Model
7	0.1445	0.2596	caffine S2 S7 DM R2 R3 R4
5	0.1444	0.2266	S4 DM R2 R4 R5
6	0.1441	0.2429	tall S7 DM R2 R3 R4
6	0.1440	0.2427	S2 S6 DM R2 R4 R5
7	0.1439	0.2592	alc S2 S7 G1 DM R2 R4
7	0.1438	0.2591	S2 S5 S7 DM R2 R3 R4
5	0.1437	0.2261	S1 DM R2 R4 R5
5	0.1437	0.2261	alc S6 S7 DM R2
6	0.1437	0.2425	alc S7 G1 DM R2 R4
7	0.1437	0.2589	age S4 S7 DM R1 R2 R4
6	0.1436	0.2425	alc S7 DM R2 R4 R5
4	0.1436	0.2095	caffine S7 DM R2
6	0.1436	0.2424	gpa alc S7 DM R2 R4
5	0.1436	0.2259	S2 S6 S7 DM R2
7	0.1436	0.2589	S2 S7 G1 DM R1 R2 R4
7	0.1435	0.2588	caffine S2 S7 DM R1 R2 R4
5	0.1435	0.2259	caffine DM R2 R4 R5
7	0.1435	0.2588	age S4 S5 S7 DM R2 R4
7	0.1434	0.2587	gpa S2 S7 G1 DM R2 R4
6	0.1434	0.2422	alc S7 G2 DM R2 R4
7	0.1433	0.2586	gpa S2 S4 S7 DM R2 R4
7	0.1432	0.2586	S2 S4 S7 DM R1 R2 R4
6	0.1432	0.2421	tall S3 S7 DM R2 R4
7	0.1431	0.2585	age S4 S7 DM R2 R4 R5
7	0.1431	0.2585	caffine S4 S6 S7 DM R2 R4
8	0.1430	0.2748	S2 S7 DM R1 R2 R3 R4 R5
7	0.1430	0.2583	S2 S3 S5 S7 DM R2 R4
7	0.1429	0.2583	caffine alc S2 S7 DM R2 R4
6	0.1429	0.2418	S1 S7 DM R1 R2 R4
7	0.1429	0.2583	tall caffine S2 S7 DM R2 R4
7	0.1428	0.2582	age S4 S7 G1 DM R2 R4
6	0.1428	0.2417	tall S7 DM R1 R2 R4
7	0.1428	0.2582	alc S2 S5 S7 DM R2 R4
7	0.1428	0.2582	S2 S4 S7 DM R2 R3 R4
7	0.1426	0.2580	age tall S4 S7 DM R2 R4
7	0.1426	0.2580	gpa caffine S2 S7 DM R2 R4
5	0.1425	0.2249	S4 S6 S7 DM R2
7	0.1425	0.2579	S2 S3 S4 S7 DM R2 R4
7	0.1424	0.2578	age S4 S7 DM R2 R3 R4
6	0.1424	0.2414	S1 S5 S7 DM R2 R4
6	0.1424	0.2413	S5 S7 DM R1 R2 R4
7	0.1423	0.2577	S2 DM R1 R2 R3 R4 R5
7	0.1422	0.2577	caffine S1 S4 S7 DM R2 R4
4	0.1422	0.2082	S4 S7 DM R2
7	0.1421	0.2576	alc S2 S3 S7 DM R2 R4
6	0.1421	0.2411	tall gpa S7 DM R2 R4
6	0.1421	0.2411	S5 S7 DM R2 R3 R4
7	0.1421	0.2576	S2 S5 S7 G2 DM R2 R4
7	0.1421	0.2576	alc S2 S7 G2 DM R2 R4
3	0.1421	0.1916	DM R2 R4
7	0.1421	0.2576	age S1 S6 S7 DM R2 R4
7	0.1421	0.2576	caffine S1 S2 S7 DM R2 R4
7	0.1421	0.2575	caffine S2 S7 DM R2 R4 R5
7	0.1420	0.2575	S1 S2 S7 G1 DM R2 R4

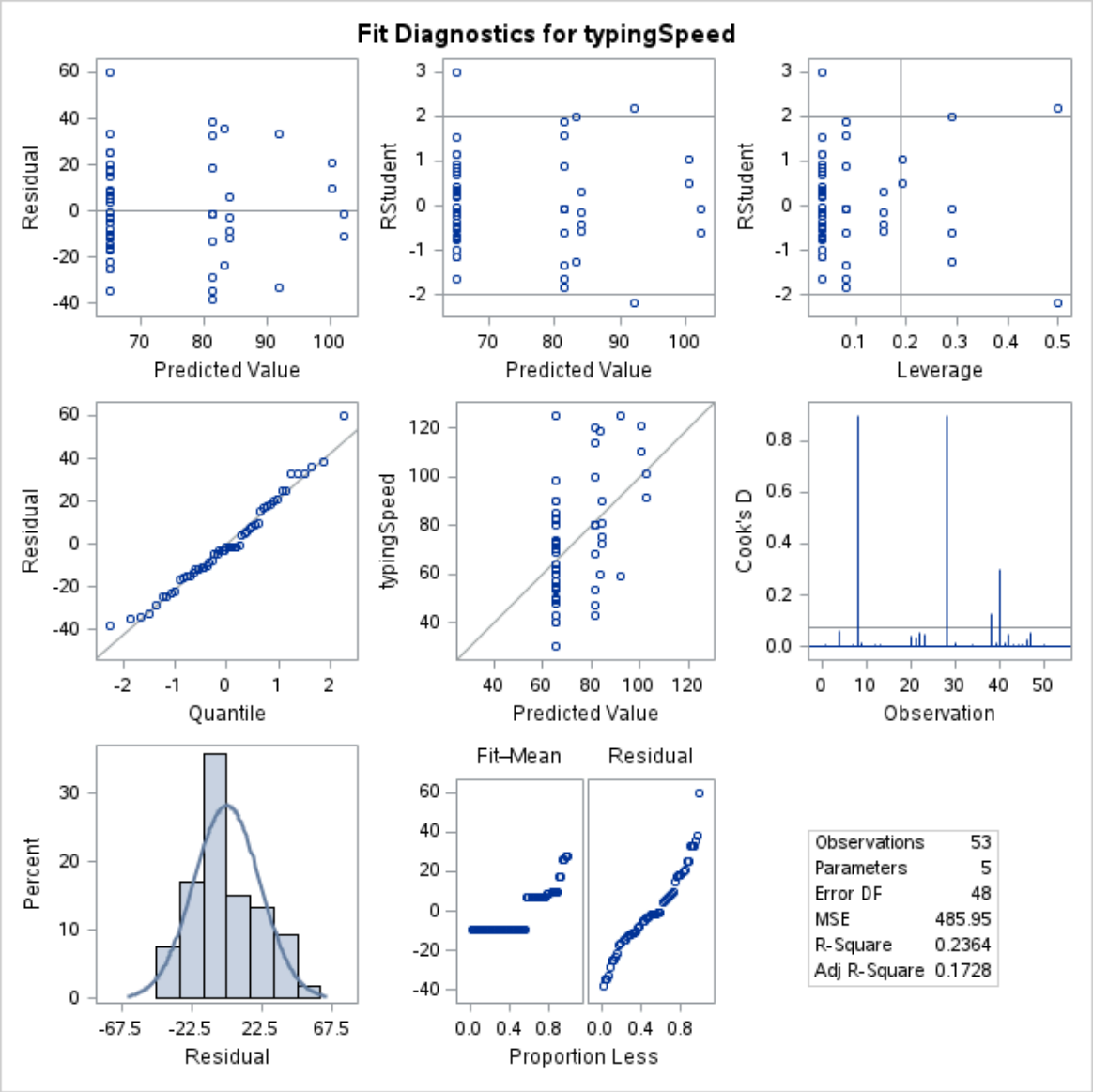
Number in Model	Adjusted R-Square	R-Square	Variables in Model
7	0.1420	0.2575	S2 S7 G1 DM R2 R4 R5
7	0.1419	0.2575	S2 S7 G1 G2 DM R2 R4
6	0.1419	0.2409	S1 S6 DM R2 R4 R5
7	0.1418	0.2573	tall S1 S6 S7 DM R2 R4
6	0.1417	0.2407	S1 S7 G1 DM R2 R4
7	0.1417	0.2572	alc S2 S7 DM R2 R3 R4
7	0.1416	0.2572	S2 S7 G2 DM R1 R2 R4
7	0.1416	0.2571	S4 S7 DM R1 R2 R3 R4
7	0.1416	0.2571	age gpa S4 S7 DM R2 R4
7	0.1415	0.2570	gpa S2 S5 S7 DM R2 R4
6	0.1414	0.2405	tall S7 DM R2 R4 R5
6	0.1414	0.2405	gpa S1 S7 DM R2 R4
6	0.1413	0.2404	S1 S7 DM R2 R3 R4
7	0.1413	0.2569	S2 S3 S7 G2 DM R2 R4
6	0.1413	0.2404	S2 G1 DM R2 R4 R5
7	0.1413	0.2569	tall S2 S5 S7 DM R2 R4
7	0.1412	0.2568	tall S4 S6 S7 DM R2 R4
6	0.1412	0.2403	S3 S5 S7 DM R2 R4
7	0.1411	0.2567	S2 S7 G2 DM R2 R3 R4
7	0.1410	0.2566	caffine S1 S6 S7 DM R2 R4
7	0.1409	0.2566	S1 S2 S4 S7 DM R2 R4
7	0.1409	0.2566	gpa S2 S7 G2 DM R2 R4
7	0.1409	0.2565	age alc S4 S7 DM R2 R4
7	0.1409	0.2565	tall S2 S4 S7 DM R2 R4
7	0.1409	0.2565	alc S1 S6 S7 DM R2 R4
8	0.1408	0.2730	age S2 S4 S6 S7 DM R2 R4
7	0.1408	0.2565	age S4 S7 G2 DM R2 R4
7	0.1408	0.2564	age tall S6 S7 DM R2 R4
7	0.1407	0.2564	S4 S6 S7 DM R1 R2 R4
5	0.1407	0.2233	alc DM R2 R4 R5
7	0.1407	0.2563	S2 S5 S7 DM R1 R2 R4
6	0.1407	0.2398	S3 S7 DM R1 R2 R4
7	0.1406	0.2563	age S3 S4 S7 DM R2 R4
6	0.1406	0.2398	caffine S2 DM R2 R4 R5
7	0.1406	0.2563	S2 S4 S7 DM R2 R4 R5
7	0.1406	0.2562	S4 S5 S6 S7 DM R2 R4
6	0.1406	0.2397	S5 S7 G1 DM R2 R4
5	0.1405	0.2232	tall DM R2 R4 R5
5	0.1405	0.2232	age DM R2 R4 R5
7	0.1405	0.2562	S1 S2 S5 S7 DM R2 R4
6	0.1405	0.2396	S5 S7 G2 DM R2 R4
6	0.1405	0.2396	gpa S5 S7 DM R2 R4
6	0.1404	0.2396	S7 G1 DM R1 R2 R4
6	0.1404	0.2396	S5 S7 DM R2 R4 R5
6	0.1404	0.2396	S1 S7 G2 DM R2 R4
7	0.1402	0.2559	gpa S2 S3 S7 DM R2 R4
6	0.1401	0.2394	gpa S7 DM R1 R2 R4
8	0.1401	0.2724	S2 S4 S7 DM R1 R2 R3 R4
6	0.1401	0.2393	S1 S7 DM R2 R4 R5
6	0.1401	0.2393	S1 S3 S7 DM R2 R4
6	0.1400	0.2392	S7 DM R1 R2 R4 R5
6	0.1399	0.2392	S7 G2 DM R1 R2 R4
6	0.1399	0.2392	S2 S4 DM R2 R4 R5
7	0.1399	0.2557	S1 S2 S3 S7 DM R2 R4

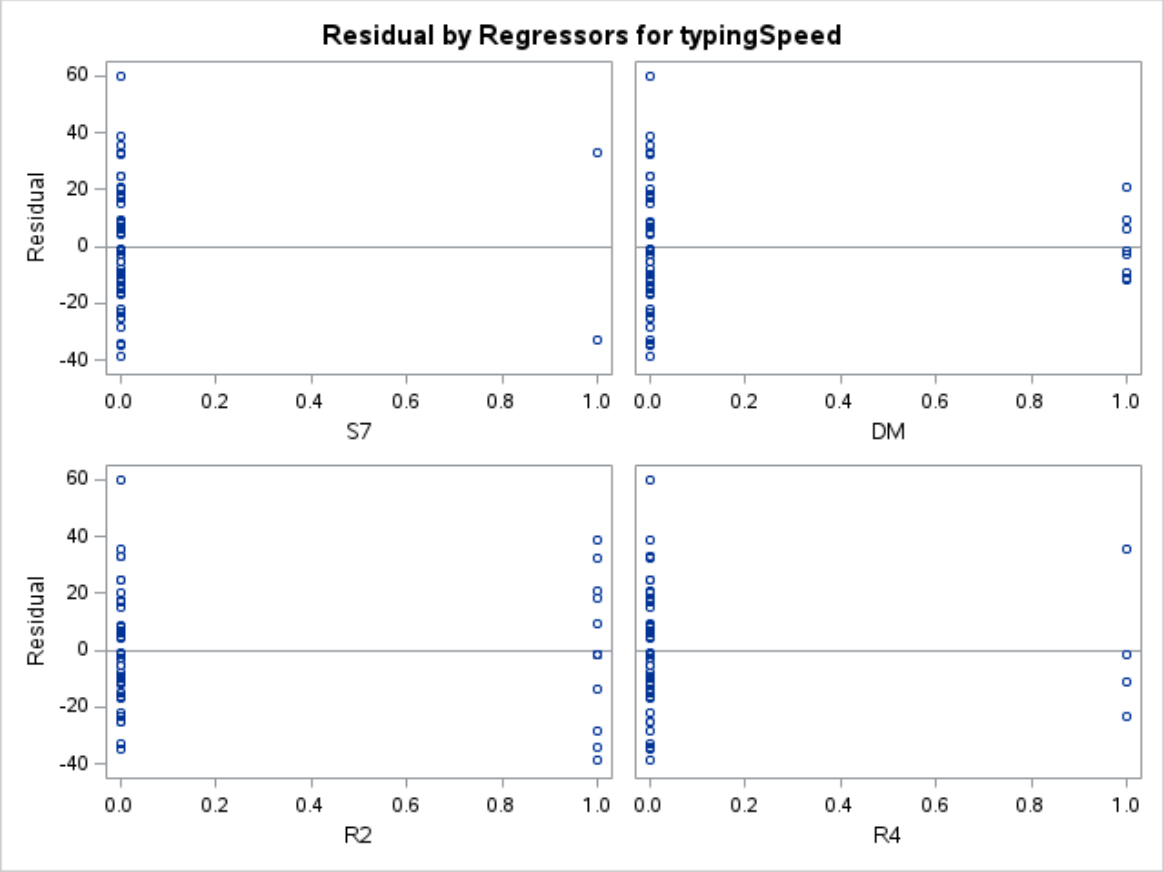
Number in Model	Adjusted R-Square	R-Square	Variables in Model
5	0.1398	0.2225	alc S2 S7 DM R2
5	0.1397	0.2225	S5 DM R2 R4 R5
7	0.1397	0.2555	S2 S3 S7 DM R1 R2 R4
8	0.1397	0.2720	age S4 S7 DM R1 R2 R3 R4
7	0.1396	0.2554	S2 S5 S7 DM R2 R4 R5
7	0.1396	0.2554	caffine alc S4 S7 DM R2 R4
7	0.1395	0.2553	gpa S2 S7 DM R2 R3 R4
7	0.1394	0.2553	gpa S2 S7 DM R1 R2 R4
8	0.1394	0.2718	age S2 S4 S7 G2 DM R2 R4
5	0.1394	0.2221	DM R1 R2 R4 R5
8	0.1394	0.2718	alc S1 S4 S6 S7 DM R2 R4
7	0.1394	0.2552	alc S2 S7 DM R1 R2 R4
7	0.1392	0.2551	S1 S2 S7 G2 DM R2 R4
7	0.1392	0.2551	alc S4 S5 S7 DM R2 R4
7	0.1392	0.2550	S2 S7 G2 DM R2 R4 R5
7	0.1391	0.2550	age caffine S6 S7 DM R2 R4
8	0.1391	0.2716	age S1 S4 S6 S7 DM R2 R4
7	0.1391	0.2550	S4 S6 S7 G1 DM R2 R4
7	0.1390	0.2549	tall S2 S7 DM R2 R3 R4
6	0.1390	0.2383	S2 S5 DM R2 R4 R5
7	0.1389	0.2548	gpa alc S2 S7 DM R2 R4
8	0.1389	0.2714	S2 S7 G1 DM R1 R2 R3 R4
7	0.1388	0.2548	age S5 S6 S7 DM R2 R4
6	0.1388	0.2382	age S4 S6 S7 DM R2
8	0.1388	0.2713	S2 S5 S7 DM R1 R2 R3 R4
7	0.1388	0.2547	S1 S4 S7 G1 DM R2 R4
7	0.1388	0.2547	tall caffine S6 S7 DM R2 R4
7	0.1387	0.2547	tall S2 S3 S7 DM R2 R4
7	0.1387	0.2547	S2 S3 S7 DM R2 R3 R4
8	0.1387	0.2712	age S2 S4 S5 S7 DM R2 R4
7	0.1386	0.2546	S4 S6 S7 DM R2 R4 R5
7	0.1386	0.2545	tall alc S2 S7 DM R2 R4
5	0.1385	0.2214	age caffine S7 DM R2
7	0.1385	0.2545	S4 S6 S7 G2 DM R2 R4
7	0.1385	0.2545	S4 S6 S7 DM R2 R3 R4
6	0.1385	0.2379	S2 G2 DM R2 R4 R5
7	0.1385	0.2545	gpa S4 S6 S7 DM R2 R4
7	0.1385	0.2545	S3 S4 S6 S7 DM R2 R4
8	0.1385	0.2710	tall S2 S4 S7 G1 DM R2 R4
5	0.1384	0.2213	caffine S6 S7 DM R2
7	0.1384	0.2544	tall gpa S2 S7 DM R2 R4
6	0.1384	0.2378	S7 G1 DM R2 R3 R4
8	0.1383	0.2709	age caffine S2 S4 S7 DM R2 R4
7	0.1383	0.2543	age S6 S7 DM R1 R2 R4
6	0.1383	0.2377	S7 G1 G2 DM R2 R4
8	0.1383	0.2709	age S2 S4 S7 DM R2 R3 R4
7	0.1383	0.2543	S1 S4 S6 DM R2 R4 R5
7	0.1382	0.2542	tall S5 S6 S7 DM R2 R4
7	0.1382	0.2542	age gpa S6 S7 DM R2 R4
6	0.1382	0.2376	S1 S4 DM R2 R4 R5
6	0.1382	0.2376	alc S4 S6 S7 DM R2
7	0.1382	0.2542	age S6 S7 DM R2 R4 R5
7	0.1381	0.2541	alc S2 S7 DM R2 R4 R5
7	0.1381	0.2541	alc S1 S2 S7 DM R2 R4

Number in Model	Adjusted R-Square	R-Square	Variables in Model
8	0.1381	0.2707	S2 S4 S6 S7 G1 DM R2 R4
8	0.1381	0.2707	caffine S2 S7 DM R1 R2 R3 R4
7	0.1380	0.2541	age tall S7 G1 DM R2 R4
8	0.1380	0.2706	age tall S2 S7 G1 DM R2 R4
6	0.1380	0.2375	S3 S7 DM R2 R3 R4
7	0.1380	0.2541	S1 S6 S7 DM R1 R2 R4
6	0.1380	0.2375	S3 S7 G1 DM R2 R4
6	0.1380	0.2375	gpa S7 DM R2 R3 R4
6	0.1380	0.2375	S4 S6 DM R2 R4 R5
7	0.1379	0.2540	alc S7 DM R1 R2 R3 R4
7	0.1379	0.2540	alc S4 S7 DM R2 R3 R4
5	0.1379	0.2208	age gpa S7 DM R2
7	0.1379	0.2539	age tall S5 S7 DM R2 R4
6	0.1378	0.2373	S7 DM R2 R3 R4 R5
7	0.1378	0.2539	alc S4 S7 G1 DM R2 R4
4	0.1378	0.2041	S6 DM R2 R4
6	0.1378	0.2373	S7 G2 DM R2 R3 R4
7	0.1378	0.2538	tall S4 S7 G1 DM R2 R4
6	0.1377	0.2372	gpa S3 S7 DM R2 R4
6	0.1377	0.2372	gpa S7 G1 DM R2 R4
8	0.1377	0.2703	caffine S2 S4 S7 G1 DM R2 R4
5	0.1377	0.2206	age S7 DM R2 R5
7	0.1377	0.2538	alc S4 S7 DM R1 R2 R4
7	0.1376	0.2537	alc S3 S4 S7 DM R2 R4
6	0.1376	0.2371	S7 G1 DM R2 R4 R5
7	0.1376	0.2537	caffine S7 DM R1 R2 R3 R4
7	0.1376	0.2537	S7 DM R1 R2 R3 R4 R5
7	0.1375	0.2536	gpa S2 S7 DM R2 R4 R5
7	0.1375	0.2536	gpa S1 S2 S7 DM R2 R4
6	0.1375	0.2370	age S2 S4 S7 DM R2
6	0.1375	0.2370	age S2 DM R2 R4 R5
7	0.1375	0.2536	S1 S3 S6 S7 DM R2 R4
7	0.1374	0.2535	tall caffine S4 S7 DM R2 R4
8	0.1374	0.2701	tall S2 S3 S7 G1 DM R2 R4
7	0.1374	0.2535	age S6 S7 DM R2 R3 R4
6	0.1374	0.2369	S3 S7 DM R2 R4 R5
7	0.1374	0.2535	S1 S5 S6 S7 DM R2 R4
6	0.1373	0.2369	S3 S7 G2 DM R2 R4
7	0.1373	0.2535	caffine S4 S7 DM R1 R2 R4
6	0.1373	0.2369	gpa S7 DM R2 R4 R5
7	0.1373	0.2534	age tall caffine S7 DM R2 R4
7	0.1373	0.2534	S1 S2 S7 DM R2 R3 R4
7	0.1373	0.2534	S2 S7 DM R2 R3 R4 R5
7	0.1373	0.2534	tall S1 S7 G1 DM R2 R4
7	0.1372	0.2534	tall S7 DM R1 R2 R3 R4
5	0.1372	0.2202	DM R2 R3 R4 R5
6	0.1372	0.2368	gpa S7 G2 DM R2 R4
7	0.1372	0.2534	S2 S7 DM R1 R2 R4 R5
7	0.1372	0.2533	S2 S3 S7 DM R2 R4 R5
5	0.1372	0.2201	S1 S6 S7 DM R2
9	0.1371	0.2865	age S2 S4 S7 DM R1 R2 R3 R4
7	0.1371	0.2533	tall alc S4 S7 DM R2 R4
7	0.1371	0.2533	age tall S7 DM R2 R3 R4
7	0.1371	0.2532	tall S6 S7 G1 DM R2 R4

Number in Model	Adjusted R-Square	R-Square	Variables in Model
8	0.1371	0.2698	S2 S7 G2 DM R1 R2 R3 R4
7	0.1371	0.2532	tall alc S6 S7 DM R2 R4
5	0.1370	0.2200	G1 DM R2 R4 R5
7	0.1370	0.2532	tall S2 S7 DM R1 R2 R4
6	0.1370	0.2366	DM R1 R2 R3 R4 R5
6	0.1369	0.2365	S7 G2 DM R2 R4 R5
7	0.1369	0.2531	S1 S6 S7 G1 DM R2 R4
8	0.1369	0.2697	age S2 S4 S7 DM R1 R2 R4
7	0.1368	0.2530	S1 S2 S7 DM R1 R2 R4

The REG Procedure
Model: MODEL1
Dependent Variable: typingSpeed





The REG Procedure
Model: MODEL1
Dependent Variable: typingSpeed

Number of Observations Read	53
Number of Observations Used	53

Analysis of Variance

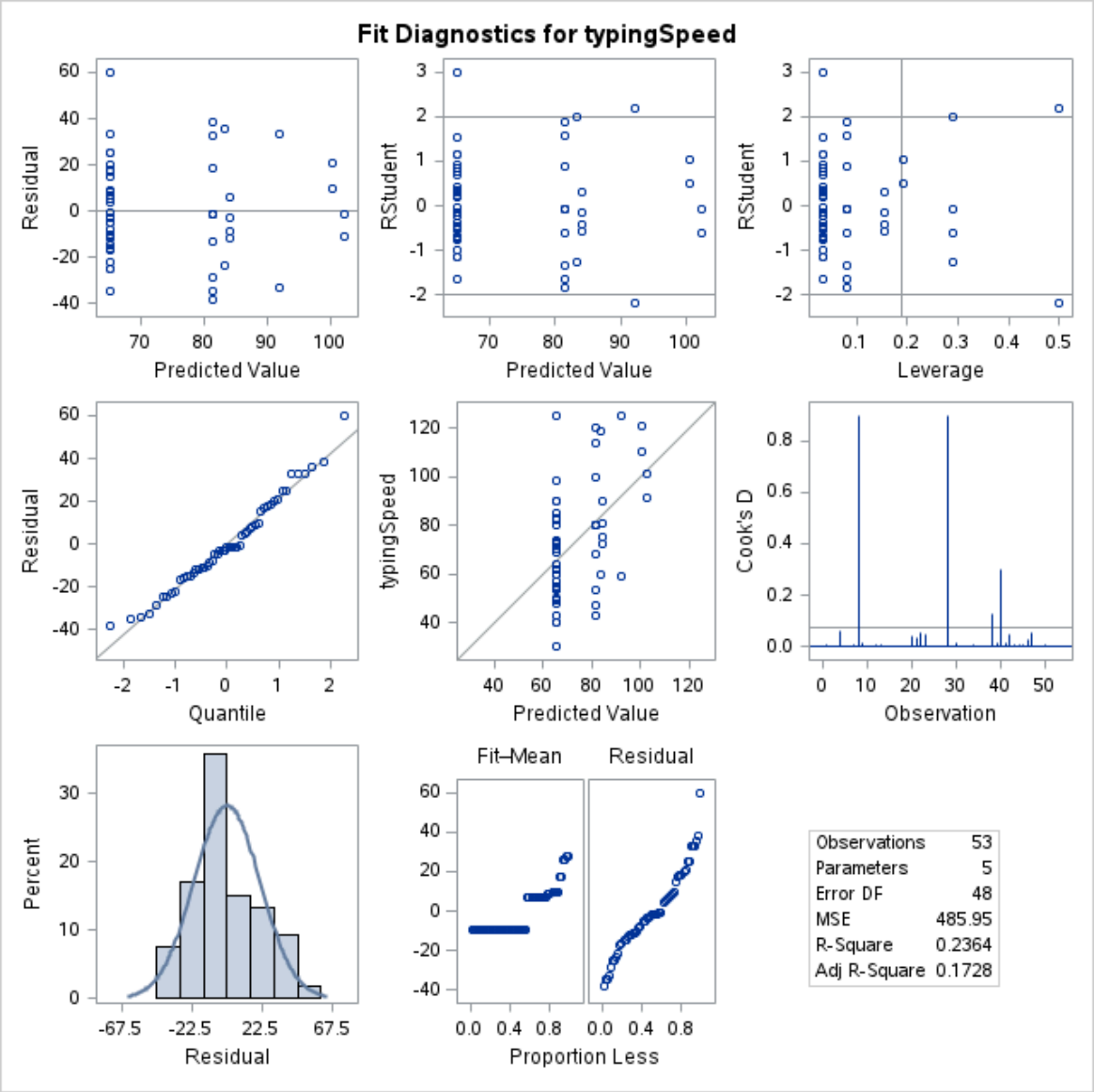
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	7222.93944	1805.73486	3.72	0.0103
Error	48	23326	485.95448		
Corrected Total	52	30549			

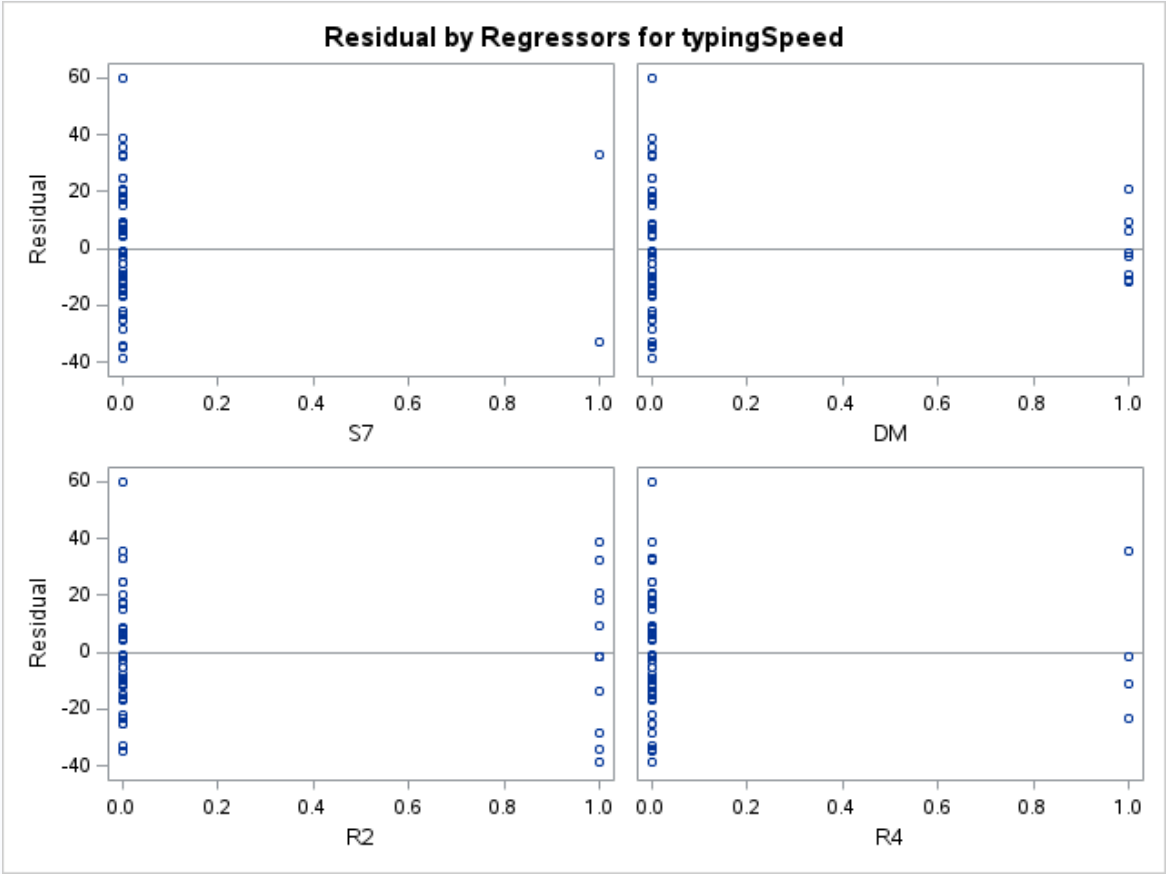
Root MSE	22.04438	R-Square	0.2364
Dependent Mean	74.28302	Adj R-Sq	0.1728
Coeff Var	29.67620		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	65.00509	3.92095	16.58	<.0001
S7	1	26.99491	16.07330	1.68	0.0996
DM	1	18.95673	8.83777	2.14	0.0370
R2	1	16.38618	7.19557	2.28	0.0273
R4	1	18.26655	12.13260	1.51	0.1387

The REG Procedure
Model: MODEL1
Dependent Variable: typingSpeed





The REG Procedure
Model: MODEL1
Dependent Variable: age

Adjusted R-Square Selection Method

Number of Observations Read	53
Number of Observations Used	53

Number in Model	Adjusted R-Square	R-Square	Variables in Model
8	0.6803	0.7294	alc S3 S5 S7 G2 DM R2 R5
7	0.6796	0.7227	alc S3 S5 S7 G2 DM R5
8	0.6781	0.7276	alc S2 S3 S5 S7 G2 DM R5
9	0.6776	0.7334	alc S2 S3 S5 S7 G2 DM R2 R5
8	0.6769	0.7266	alc S3 S5 S6 S7 G2 DM R5
9	0.6765	0.7325	alc S2 S3 S5 S6 S7 G2 DM R5
9	0.6756	0.7318	alc S1 S2 S3 S6 S7 G2 DM R5
9	0.6755	0.7316	alc S1 S3 S5 S7 G2 DM R2 R5
8	0.6754	0.7254	alc S1 S3 S5 S7 G2 DM R5
9	0.6753	0.7315	alc S3 S5 S6 S7 G2 DM R2 R5
8	0.6753	0.7252	typingSpeed alc S2 S3 S5 S7 G2 R5
8	0.6752	0.7252	alc S3 S4 S5 S7 G2 DM R5
8	0.6751	0.7251	typingSpeed alc S3 S5 S7 G2 DM R5
6	0.6747	0.7123	alc S3 S7 G2 DM R5
8	0.6747	0.7247	alc S3 S5 S7 G2 DM R1 R5
9	0.6747	0.7310	alc S3 S4 S5 S7 G2 DM R2 R5
9	0.6746	0.7309	alc S3 S5 S7 G1 G2 DM R2 R5
7	0.6745	0.7183	alc S2 S3 S5 S7 G2 R5

Number in Model	Adjusted R-Square	R-Square	Variables in Model
8	0.6744	0.7245	alc S3 S5 S7 G2 DM R4 R5
9	0.6743	0.7307	alc S1 S3 S4 S5 S7 G2 DM R5
9	0.6741	0.7305	typingSpeed alc S2 S3 S5 S7 G2 DM R5
9	0.6740	0.7305	alc S3 S5 S7 G2 DM R2 R4 R5
8	0.6740	0.7242	gpa alc S3 S5 S7 G2 DM R5
9	0.6740	0.7304	alc S2 S3 S5 S7 G2 DM R4 R5
9	0.6739	0.7304	gpa alc S3 S5 S7 G2 DM R2 R5
9	0.6735	0.7300	typingSpeed alc S3 S5 S7 G2 DM R2 R5
10	0.6735	0.7363	alc S2 S3 S5 S6 S7 G2 DM R2 R5
9	0.6734	0.7299	caffine alc S3 S5 S7 G2 DM R2 R5
9	0.6734	0.7299	tall alc S3 S5 S7 G2 DM R2 R5
8	0.6733	0.7235	alc S2 S3 S5 S7 G2 R2 R5
10	0.6731	0.7360	alc S2 S3 S5 S6 S7 G2 DM R4 R5
8	0.6731	0.7234	alc S3 S5 S7 G2 DM R3 R5
9	0.6729	0.7295	alc S3 S5 S7 G2 DM R2 R3 R5
9	0.6729	0.7295	alc S3 S5 S7 G2 DM R1 R2 R5
8	0.6729	0.7232	tall alc S3 S5 S7 G2 DM R5
7	0.6728	0.7168	alc S3 S6 S7 G2 DM R5
8	0.6727	0.7231	alc S3 S5 S7 G1 G2 DM R5
7	0.6726	0.7167	alc S3 S7 G2 DM R2 R5
9	0.6725	0.7292	alc S2 S3 S4 S5 S7 G2 DM R5
5	0.6725	0.7040	alc S3 S7 DM R5
8	0.6724	0.7228	caffine alc S3 S5 S7 G2 DM R5
10	0.6724	0.7354	alc S1 S3 S4 S5 S7 G2 DM R2 R5
7	0.6723	0.7164	alc S2 S3 S7 G2 DM R5
9	0.6723	0.7290	alc S2 S3 S5 S7 G2 DM R1 R5
9	0.6723	0.7290	alc S3 S4 S5 S6 S7 G2 DM R5
10	0.6722	0.7352	alc S2 S3 S5 S7 G2 DM R2 R4 R5
10	0.6720	0.7351	alc S1 S2 S3 S6 S7 G2 DM R4 R5
9	0.6719	0.7287	alc S3 S5 S6 S7 G2 DM R4 R5
7	0.6717	0.7159	alc S3 S5 S7 G1 DM R5
8	0.6716	0.7221	alc S2 S3 S6 S7 G2 DM R5
7	0.6715	0.7157	alc S3 S5 S7 DM R2 R5
7	0.6715	0.7157	typingSpeed alc S3 S5 S7 G2 R5
10	0.6714	0.7346	alc S1 S2 S3 S5 S6 S7 G2 DM R5
9	0.6714	0.7283	alc S3 S5 S7 G2 DM R1 R4 R5
9	0.6713	0.7282	alc S2 S3 S5 S7 G2 DM R3 R5
9	0.6712	0.7281	gpa alc S2 S3 S5 S7 G2 DM R5
8	0.6712	0.7218	alc S2 S3 S5 S7 G2 R1 R5
6	0.6712	0.7091	alc S3 S7 DM R2 R5
10	0.6711	0.7344	typingSpeed alc S2 S3 S5 S6 S7 G2 DM R5
10	0.6711	0.7344	typingSpeed alc S2 S3 S5 S7 G2 DM R2 R5
9	0.6711	0.7280	alc S1 S3 S5 S7 G2 DM R4 R5
9	0.6711	0.7280	typingSpeed alc S3 S5 S6 S7 G2 DM R5
9	0.6711	0.7280	alc S3 S5 S6 S7 G2 DM R1 R5
10	0.6711	0.7343	typingSpeed alc S2 S3 S5 S7 G2 DM R4 R5
10	0.6711	0.7343	alc S2 S3 S4 S5 S7 G2 DM R2 R5
9	0.6710	0.7279	tall alc S2 S3 S5 S7 G2 DM R5
9	0.6709	0.7279	typingSpeed alc S3 S4 S5 S7 G2 DM R5
10	0.6709	0.7342	alc S2 S3 S5 S7 G1 G2 DM R2 R5
9	0.6709	0.7278	typingSpeed alc S2 S3 S5 S7 G2 R2 R5
8	0.6708	0.7215	alc S2 S3 S5 S6 S7 G2 R5
6	0.6708	0.7088	alc S3 S5 S7 DM R5
7	0.6707	0.7150	alc S3 S5 S7 G2 R2 R5

Number in Model	Adjusted R-Square	R-Square	Variables in Model
9	0.6707	0.7277	alc S2 S3 S5 S7 G1 G2 DM R5
9	0.6707	0.7277	alc S3 S5 S6 S7 G2 DM R3 R5
7	0.6707	0.7150	gpa alc S3 S7 G2 DM R5
9	0.6707	0.7277	caffine alc S2 S3 S5 S7 G2 DM R5
10	0.6706	0.7340	alc S2 S3 S4 S5 S6 S7 G2 DM R5
9	0.6706	0.7276	alc S1 S2 S3 S5 S7 G2 DM R5
9	0.6706	0.7276	alc S1 S3 S5 S6 S7 G2 DM R5
9	0.6706	0.7276	typingSpeed alc S1 S3 S5 S7 G2 DM R5
9	0.6705	0.7276	gpa alc S3 S5 S6 S7 G2 DM R5
7	0.6705	0.7149	alc S3 S7 G2 DM R4 R5
9	0.6705	0.7275	typingSpeed alc S2 S3 S5 S6 S7 G2 R5
6	0.6705	0.7085	alc S3 S5 S7 G2 R5
9	0.6704	0.7275	tall alc S3 S5 S6 S7 G2 DM R5
10	0.6704	0.7338	caffine alc S2 S3 S5 S7 G2 DM R2 R5
9	0.6704	0.7274	typingSpeed alc S3 S5 S7 G2 DM R4 R5
8	0.6704	0.7211	alc S3 S5 S7 G1 DM R2 R5
10	0.6703	0.7337	typingSpeed alc S1 S2 S3 S6 S7 G2 DM R5
10	0.6703	0.7337	alc S2 S3 S5 S7 G2 DM R1 R4 R5
10	0.6703	0.7337	tall alc S2 S3 S5 S7 G2 DM R2 R5
10	0.6703	0.7337	gpa alc S2 S3 S5 S7 G2 DM R2 R5
7	0.6702	0.7146	typingSpeed alc S3 S7 G2 DM R5
10	0.6702	0.7336	alc S2 S3 S5 S6 S7 G2 DM R3 R5
6	0.6701	0.7082	alc S3 S7 G1 DM R5
9	0.6701	0.7272	typingSpeed alc S2 S3 S5 S7 G2 R4 R5
10	0.6701	0.7335	alc S2 S3 S5 S7 G2 DM R1 R2 R5
10	0.6700	0.7335	alc S2 S3 S5 S7 G2 DM R2 R3 R5
10	0.6700	0.7334	typingSpeed alc S1 S3 S4 S5 S7 G2 DM R5
10	0.6699	0.7334	alc S1 S2 S3 S5 S7 G2 DM R2 R5
9	0.6699	0.7270	alc S1 S3 S5 S7 G2 DM R1 R5
10	0.6699	0.7334	alc S1 S3 S5 S7 G2 DM R2 R4 R5
10	0.6699	0.7334	alc S2 S3 S5 S6 S7 G2 DM R1 R5
10	0.6699	0.7334	alc S1 S2 S3 S6 S7 G2 DM R2 R5
9	0.6698	0.7270	alc S3 S4 S5 S7 G2 DM R1 R5
10	0.6698	0.7333	alc S1 S3 S4 S5 S7 G2 DM R4 R5
7	0.6697	0.7142	alc S3 S4 S7 G2 DM R5
7	0.6697	0.7142	alc S1 S3 S5 S7 G2 R5
7	0.6697	0.7142	alc S3 S5 S7 G2 R1 R5
10	0.6697	0.7332	tall alc S2 S3 S5 S6 S7 G2 DM R5
9	0.6697	0.7268	gpa alc S3 S4 S5 S7 G2 DM R5
10	0.6696	0.7332	gpa alc S1 S2 S3 S6 S7 G2 DM R5
9	0.6696	0.7268	typingSpeed alc S1 S3 S4 S5 S7 G2 R5
10	0.6696	0.7331	alc S3 S4 S5 S6 S7 G2 DM R2 R5
9	0.6696	0.7268	alc S1 S2 S3 S6 S7 G1 DM R5
9	0.6696	0.7268	alc S3 S5 S6 S7 G1 G2 DM R5
9	0.6695	0.7267	alc S2 S3 S6 S7 G2 DM R4 R5
10	0.6695	0.7331	alc S1 S2 S3 S6 S7 G2 DM R3 R5
8	0.6695	0.7203	typingSpeed alc S1 S3 S5 S7 G2 R5
9	0.6695	0.7267	typingSpeed alc S2 S3 S4 S5 S7 G2 R5
7	0.6695	0.7139	alc S3 S7 G2 DM R3 R5
9	0.6694	0.7267	typingSpeed gpa alc S3 S5 S7 G2 DM R5
8	0.6694	0.7203	alc S2 S3 S7 G2 DM R4 R5
10	0.6694	0.7330	alc S1 S2 S3 S4 S6 S7 G2 DM R5
9	0.6694	0.7266	caffine alc S3 S5 S6 S7 G2 DM R5
9	0.6694	0.7266	alc S3 S4 S5 S7 G2 DM R4 R5

Number in Model	Adjusted R-Square	R-Square	Variables in Model
10	0.6693	0.7329	alc S1 S3 S5 S7 G1 G2 DM R2 R5
8	0.6692	0.7201	alc S1 S3 S5 S7 G2 R2 R5
8	0.6692	0.7201	alc S2 S3 S7 G2 DM R2 R5
9	0.6692	0.7265	typingSpeed alc S2 S3 S5 S7 G2 R1 R5
10	0.6692	0.7328	alc S3 S5 S6 S7 G2 DM R2 R4 R5
9	0.6692	0.7264	alc S3 S5 S7 G2 DM R1 R3 R5
10	0.6691	0.7327	gpa alc S2 S3 S5 S6 S7 G2 DM R5
9	0.6690	0.7263	gpa alc S3 S5 S7 G2 DM R1 R5
8	0.6689	0.7199	alc S3 S6 S7 G2 DM R4 R5
10	0.6689	0.7326	caffine alc S2 S3 S5 S6 S7 G2 DM R5
10	0.6689	0.7326	alc S1 S3 S5 S6 S7 G2 DM R2 R5
9	0.6689	0.7262	alc S1 S3 S5 S7 G2 DM R3 R5
8	0.6689	0.7198	alc S1 S3 S4 S5 S7 G2 R5
9	0.6689	0.7262	typingSpeed alc S3 S5 S7 G2 DM R1 R5
10	0.6688	0.7325	alc S3 S5 S6 S7 G1 G2 DM R2 R5
10	0.6688	0.7325	alc S2 S3 S5 S6 S7 G1 G2 DM R5
8	0.6687	0.7197	alc S3 S6 S7 G2 DM R2 R5
6	0.6687	0.7069	alc S3 S6 S7 DM R5
9	0.6687	0.7260	tall alc S1 S3 S5 S7 G2 DM R5
6	0.6687	0.7069	alc S3 S7 DM R3 R5
10	0.6687	0.7324	typingSpeed alc S2 S3 S4 S5 S7 G2 DM R5
9	0.6687	0.7260	typingSpeed tall alc S2 S3 S5 S7 G2 R5
11	0.6686	0.7387	alc S2 S3 S5 S6 S7 G2 DM R2 R4 R5
8	0.6686	0.7196	alc S3 S5 S6 S7 G1 DM R5
11	0.6686	0.7387	typingSpeed alc S2 S3 S5 S6 S7 G2 DM R4 R5
8	0.6686	0.7196	alc S3 S4 S5 S7 G1 DM R5
10	0.6686	0.7323	caffine alc S3 S5 S6 S7 G2 DM R2 R5
9	0.6686	0.7259	typingSpeed gpa alc S2 S3 S5 S7 G2 R5
10	0.6685	0.7323	tall alc S1 S3 S5 S7 G2 DM R2 R5
10	0.6685	0.7322	caffine alc S1 S3 S5 S7 G2 DM R2 R5
10	0.6685	0.7322	alc S3 S5 S7 G2 DM R1 R3 R4 R5
10	0.6685	0.7322	tall alc S3 S5 S6 S7 G2 DM R2 R5
9	0.6685	0.7258	gpa alc S1 S3 S5 S7 G2 DM R5
10	0.6685	0.7322	typingSpeed alc S1 S3 S5 S7 G2 DM R2 R5
10	0.6684	0.7322	tall alc S1 S2 S3 S6 S7 G2 DM R5
10	0.6684	0.7322	gpa alc S3 S5 S6 S7 G2 DM R2 R5
7	0.6684	0.7130	tall alc S3 S7 G2 DM R5
9	0.6683	0.7257	alc S3 S4 S5 S7 G2 DM R3 R5
10	0.6683	0.7321	gpa alc S3 S4 S5 S7 G2 DM R2 R5
10	0.6683	0.7321	alc S3 S5 S7 G1 G2 DM R2 R4 R5
11	0.6683	0.7385	alc S2 S3 S5 S6 S7 G2 DM R1 R4 R5
8	0.6683	0.7193	typingSpeed alc S2 S3 S7 G2 DM R5
6	0.6683	0.7066	typingSpeed alc S3 S7 DM R5
10	0.6682	0.7320	alc S1 S3 S4 S5 S6 S7 G2 DM R5
9	0.6682	0.7257	typingSpeed tall alc S3 S5 S7 G2 DM R5
9	0.6682	0.7256	alc S1 S3 S5 S7 G1 G2 DM R5
9	0.6682	0.7256	alc S3 S5 S7 G2 DM R3 R4 R5
9	0.6682	0.7256	typingSpeed alc S3 S5 S7 G2 DM R3 R5
8	0.6681	0.7192	typingSpeed alc S3 S5 S7 G2 R2 R5
8	0.6681	0.7192	alc S3 S6 S7 G2 DM R3 R5
8	0.6681	0.7192	alc S2 S3 S4 S5 S7 G2 R5
9	0.6681	0.7256	alc S3 S5 S7 G1 G2 DM R1 R5
10	0.6681	0.7319	alc S1 S2 S3 S6 S7 G1 G2 DM R5
9	0.6681	0.7255	gpa alc S3 S5 S7 G2 DM R3 R5

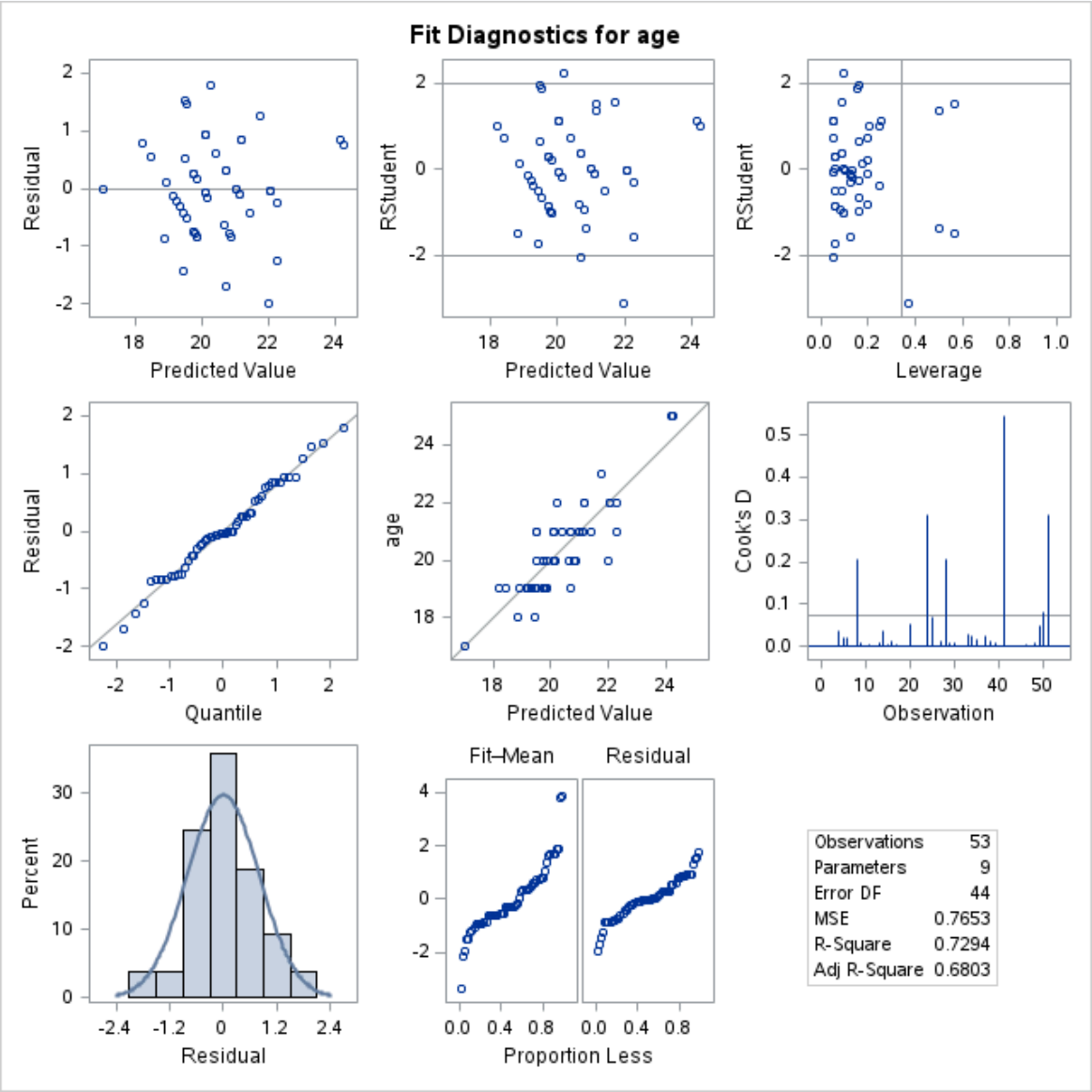
Number in Model	Adjusted R-Square	R-Square	Variables in Model
10	0.6681	0.7319	alc S1 S3 S4 S5 S7 G2 DM R1 R5
10	0.6681	0.7319	alc S1 S2 S3 S6 S7 G2 DM R1 R5
10	0.6681	0.7319	gpa alc S1 S3 S5 S7 G2 DM R2 R5
10	0.6680	0.7319	typingSpeed alc S3 S5 S6 S7 G2 DM R2 R5
10	0.6680	0.7319	typingSpeed alc S3 S4 S5 S7 G2 DM R2 R5
10	0.6680	0.7319	alc S3 S4 S5 S7 G2 DM R2 R4 R5
8	0.6680	0.7191	alc S2 S3 S5 S7 G1 DM R5
9	0.6680	0.7255	typingSpeed alc S3 S5 S7 G1 G2 DM R5
10	0.6680	0.7318	caffine alc S1 S2 S3 S6 S7 G2 DM R5
10	0.6680	0.7318	gpa alc S3 S5 S7 G1 G2 DM R2 R5
10	0.6680	0.7318	alc S1 S3 S5 S7 G2 DM R2 R3 R5
10	0.6679	0.7318	alc S3 S5 S6 S7 G2 DM R1 R4 R5
10	0.6679	0.7318	alc S3 S5 S6 S7 G2 DM R2 R3 R5
8	0.6679	0.7190	gpa alc S3 S7 G2 DM R2 R5
7	0.6679	0.7126	caffine alc S3 S7 G2 DM R5
10	0.6679	0.7318	alc S3 S4 S5 S7 G1 G2 DM R2 R5
9	0.6679	0.7254	caffine alc S1 S3 S5 S7 G2 DM R5
10	0.6679	0.7317	alc S1 S3 S5 S7 G2 DM R1 R2 R5
10	0.6679	0.7317	alc S1 S3 S5 S7 G2 DM R1 R4 R5
7	0.6679	0.7126	alc S3 S7 G1 G2 DM R5
8	0.6679	0.7190	alc S1 S2 S3 S7 G2 DM R5
8	0.6679	0.7190	tall alc S2 S3 S5 S7 G2 R5
9	0.6678	0.7253	tall alc S3 S5 S7 G2 DM R4 R5
7	0.6678	0.7125	alc S3 S7 G2 DM R1 R5
9	0.6678	0.7253	typingSpeed alc S2 S3 S5 S7 G1 G2 R5
9	0.6678	0.7253	typingSpeed caffine alc S2 S3 S5 S7 G2 R5
11	0.6678	0.7381	alc S2 S3 S5 S6 S7 G2 DM R3 R4 R5
8	0.6678	0.7189	gpa alc S2 S3 S5 S7 G2 R5
9	0.6678	0.7253	tall alc S3 S4 S5 S7 G2 DM R5
9	0.6678	0.7253	gpa alc S3 S5 S7 G2 DM R4 R5
8	0.6677	0.7189	gpa alc S3 S6 S7 G2 DM R5
10	0.6677	0.7316	alc S2 S3 S5 S7 G2 DM R3 R4 R5
8	0.6677	0.7189	alc S2 S3 S5 S7 G2 R4 R5
7	0.6677	0.7124	alc S3 S6 S7 G1 DM R5
9	0.6677	0.7252	typingSpeed alc S2 S3 S5 S7 G2 R3 R5
9	0.6677	0.7252	typingSpeed alc S1 S2 S3 S5 S7 G2 R5
9	0.6677	0.7252	caffine alc S3 S4 S5 S7 G2 DM R5
10	0.6677	0.7316	alc S2 S3 S4 S5 S7 G2 DM R4 R5
9	0.6677	0.7252	alc S3 S4 S5 S7 G1 G2 DM R5
9	0.6677	0.7252	alc S2 S3 S5 S6 S7 G2 R2 R5
6	0.6677	0.7060	alc S3 S7 DM R4 R5
8	0.6676	0.7188	alc S3 S4 S6 S7 G2 DM R5
10	0.6676	0.7315	alc S3 S5 S6 S7 G2 DM R1 R2 R5
10	0.6676	0.7315	alc S1 S3 S4 S5 S7 G2 DM R3 R5
11	0.6675	0.7379	typingSpeed alc S1 S2 S3 S6 S7 G2 DM R4 R5
7	0.6675	0.7123	alc S1 S3 S7 G2 DM R5
9	0.6675	0.7251	typingSpeed caffine alc S3 S5 S7 G2 DM R5
10	0.6675	0.7314	typingSpeed alc S3 S5 S7 G1 G2 DM R2 R5
8	0.6675	0.7186	alc S3 S7 G2 DM R2 R4 R5
10	0.6675	0.7314	typingSpeed alc S3 S5 S7 G2 DM R2 R4 R5
10	0.6674	0.7314	caffine alc S3 S4 S5 S7 G2 DM R2 R5
10	0.6674	0.7314	caffine alc S3 S5 S7 G1 G2 DM R2 R5
9	0.6674	0.7250	alc S3 S5 S7 G1 G2 DM R4 R5
8	0.6674	0.7186	alc S1 S3 S5 S7 G2 R1 R5

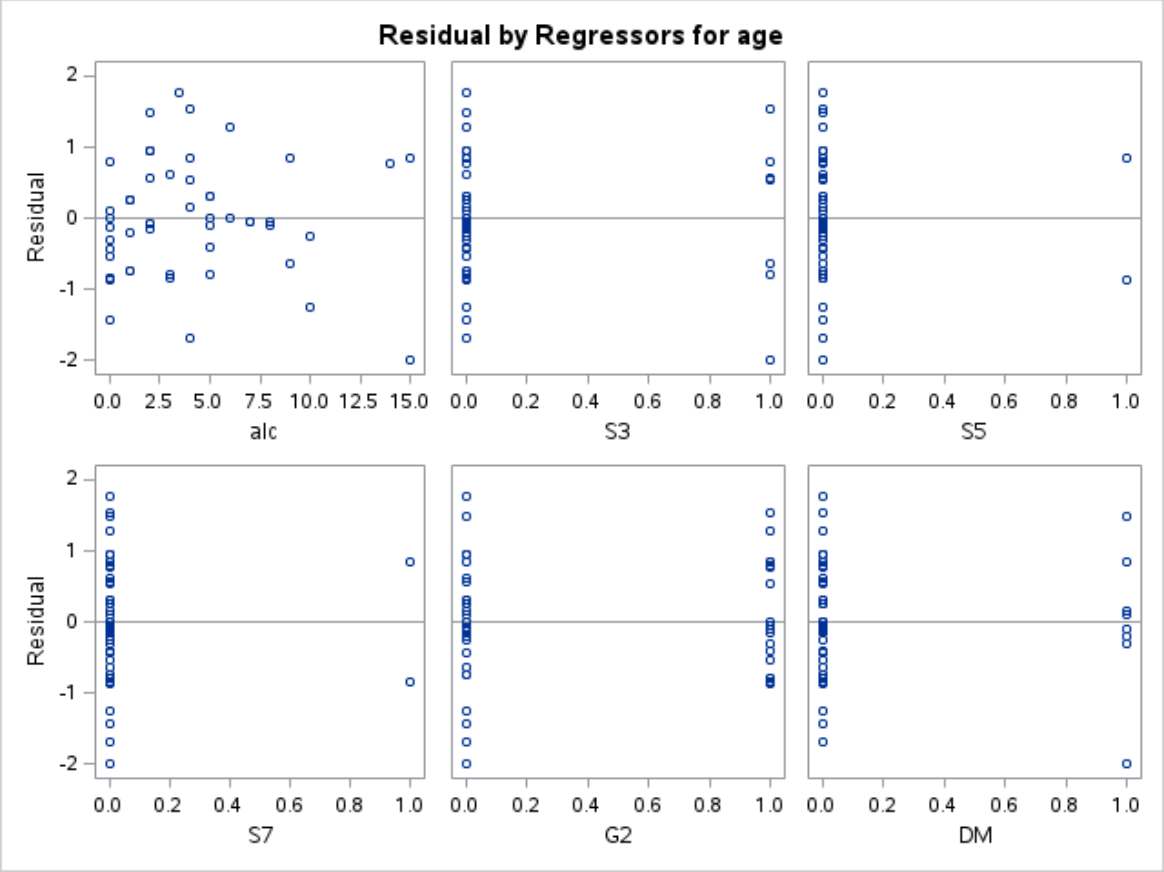
Number in Model	Adjusted R-Square	R-Square	Variables in Model
11	0.6674	0.7377	alc S1 S2 S3 S5 S6 S7 G2 DM R4 R5
9	0.6672	0.7248	tall alc S3 S5 S7 G2 DM R1 R5
10	0.6672	0.7312	tall alc S3 S5 S7 G2 DM R2 R4 R5
11	0.6672	0.7376	alc S2 S3 S5 S7 G2 DM R1 R3 R4 R5
10	0.6672	0.7312	gpa caffine alc S3 S5 S7 G2 DM R2 R5
8	0.6672	0.7184	typingSpeed alc S3 S5 S7 G2 R1 R5
10	0.6671	0.7312	tall alc S3 S4 S5 S7 G2 DM R2 R5
10	0.6671	0.7312	tall alc S2 S3 S5 S7 G2 DM R4 R5
8	0.6671	0.7183	alc S2 S3 S5 S7 G1 G2 R5
8	0.6671	0.7183	alc S1 S2 S3 S5 S7 G2 R5
9	0.6671	0.7247	caffine alc S3 S5 S7 G2 DM R1 R5
9	0.6671	0.7247	tall gpa alc S3 S5 S7 G2 DM R5
10	0.6671	0.7311	typingSpeed alc S2 S3 S5 S7 G2 DM R1 R5
7	0.6671	0.7119	alc S3 S7 G1 DM R2 R5
10	0.6671	0.7311	typingSpeed gpa alc S2 S3 S5 S7 G2 DM R5
11	0.6671	0.7375	alc S1 S2 S3 S5 S6 S7 G2 DM R2 R5
10	0.6671	0.7311	typingSpeed gpa alc S3 S5 S7 G2 DM R2 R5
6	0.6671	0.7055	alc S3 S4 S7 DM R5
8	0.6671	0.7183	caffine alc S2 S3 S5 S7 G2 R5
10	0.6671	0.7311	tall alc S3 S5 S7 G1 G2 DM R2 R5
8	0.6671	0.7183	alc S2 S3 S5 S7 G2 R3 R5
10	0.6670	0.7311	alc S3 S4 S5 S7 G2 DM R2 R3 R5
8	0.6670	0.7183	tall alc S3 S5 S7 DM R2 R5
8	0.6670	0.7182	typingSpeed alc S3 S6 S7 G2 DM R5
8	0.6670	0.7182	typingSpeed alc S3 S4 S5 S7 G2 R5
11	0.6670	0.7374	tall alc S2 S3 S5 S6 S7 G2 DM R4 R5
10	0.6670	0.7310	alc S3 S4 S5 S7 G2 DM R1 R2 R5
8	0.6670	0.7182	typingSpeed alc S3 S5 S7 G1 DM R5
10	0.6670	0.7310	typingSpeed alc S1 S3 S5 S7 G2 DM R4 R5
10	0.6670	0.7310	gpa alc S3 S5 S7 G2 DM R2 R4 R5
10	0.6670	0.7310	typingSpeed alc S2 S3 S5 S7 G2 DM R3 R5
11	0.6670	0.7374	alc S1 S2 S3 S6 S7 G2 DM R3 R4 R5
10	0.6669	0.7310	gpa alc S1 S3 S4 S5 S7 G2 DM R5
10	0.6669	0.7310	alc S3 S5 S7 G1 G2 DM R2 R3 R5
10	0.6669	0.7309	alc S3 S5 S7 G1 G2 DM R1 R2 R5
10	0.6669	0.7309	typingSpeed tall alc S2 S3 S5 S7 G2 DM R5
10	0.6669	0.7309	caffine alc S3 S5 S7 G2 DM R2 R4 R5
9	0.6669	0.7245	gpa alc S3 S5 S7 G1 G2 DM R5
9	0.6669	0.7245	alc S2 S3 S6 S7 G2 DM R3 R5
8	0.6669	0.7181	tall alc S3 S6 S7 G2 DM R5
8	0.6669	0.7181	alc S2 S3 S7 G2 DM R3 R5
10	0.6668	0.7309	tall gpa alc S3 S5 S7 G2 DM R2 R5
9	0.6668	0.7245	caffine alc S3 S5 S7 G2 DM R4 R5
8	0.6668	0.7181	gpa alc S3 S7 G2 DM R3 R5
8	0.6668	0.7181	typingSpeed gpa alc S3 S5 S7 G2 R5
9	0.6668	0.7245	alc S2 S3 S5 S6 S7 G2 R1 R5
11	0.6668	0.7373	alc S2 S3 S4 S5 S6 S7 G2 DM R2 R5
8	0.6667	0.7180	gpa alc S2 S3 S7 G2 DM R5
8	0.6667	0.7180	typingSpeed alc S3 S7 G2 DM R4 R5
10	0.6667	0.7308	typingSpeed alc S3 S4 S5 S6 S7 G2 DM R5
10	0.6667	0.7308	tall alc S1 S3 S4 S5 S7 G2 DM R5
10	0.6667	0.7308	alc S3 S4 S5 S6 S7 G2 DM R4 R5
9	0.6667	0.7244	typingSpeed alc S2 S3 S7 G2 DM R4 R5
8	0.6667	0.7180	alc S3 S4 S7 G2 DM R2 R5

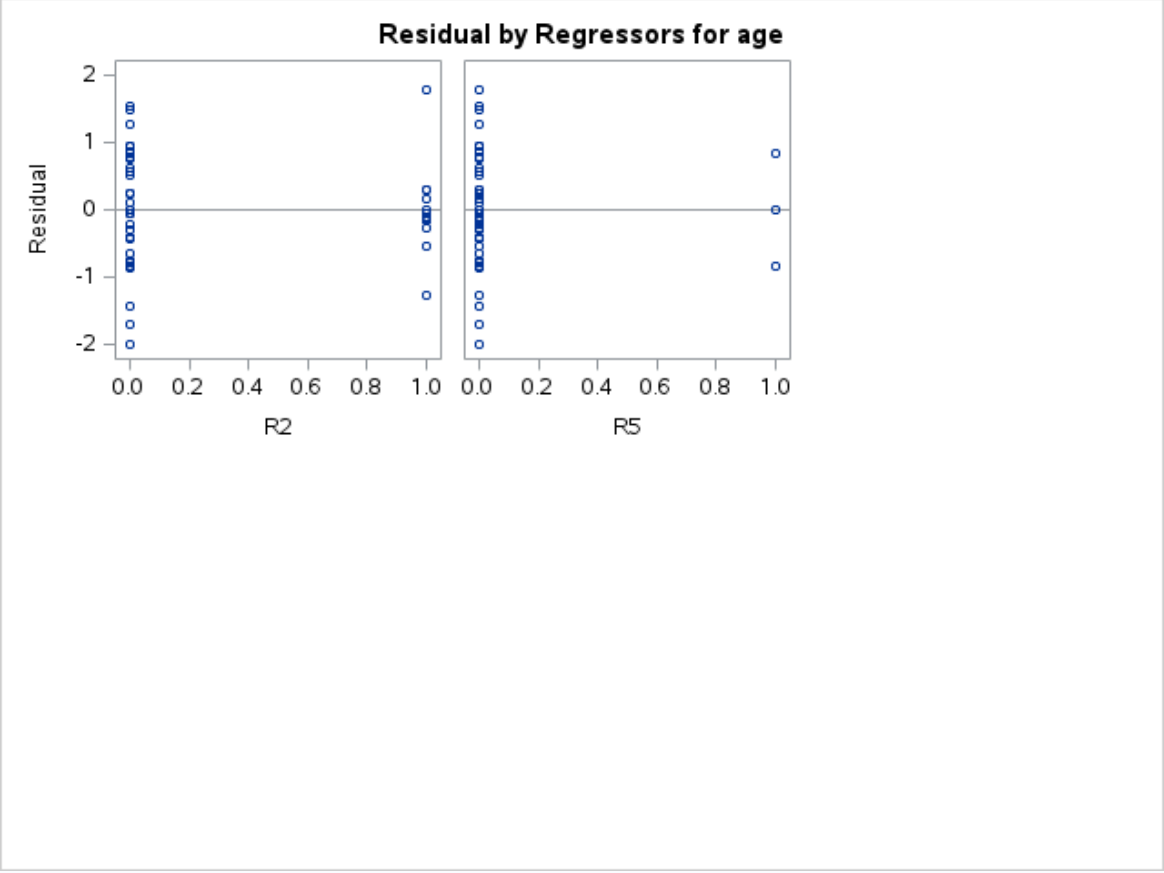
Number in Model	Adjusted R-Square	R-Square	Variables in Model
11	0.6666	0.7372	alc S1 S3 S4 S5 S7 G2 DM R2 R4 R5
10	0.6666	0.7307	gpa alc S3 S5 S7 G2 DM R2 R3 R5
10	0.6666	0.7307	alc S3 S5 S7 G2 DM R2 R3 R4 R5
6	0.6666	0.7051	tall alc S3 S7 DM R5
10	0.6666	0.7307	alc S1 S3 S4 S5 S7 G1 G2 DM R5
10	0.6666	0.7307	alc S1 S2 S3 S4 S5 S7 G2 DM R5
11	0.6665	0.7371	caffine alc S2 S3 S5 S6 S7 G2 DM R2 R5
10	0.6665	0.7307	caffine alc S1 S3 S4 S5 S7 G2 DM R5
9	0.6665	0.7243	alc S2 S3 S5 S7 G1 G2 R2 R5
10	0.6665	0.7307	typingSpeed alc S3 S5 S6 S7 G2 DM R4 R5
7	0.6665	0.7114	typingSpeed alc S3 S5 S7 DM R5
9	0.6665	0.7242	tall alc S2 S3 S5 S7 G2 R2 R5
11	0.6665	0.7370	alc S2 S3 S4 S5 S6 S7 G2 DM R4 R5
9	0.6665	0.7242	alc S1 S3 S4 S5 S7 G2 R2 R5
8	0.6665	0.7178	alc S3 S7 G1 G2 DM R2 R5
10	0.6665	0.7306	alc S2 S3 S6 S7 G2 DM R3 R4 R5
10	0.6665	0.7306	typingSpeed alc S2 S3 S5 S7 G1 G2 DM R5
9	0.6665	0.7242	alc S2 S3 S5 S7 G2 R1 R4 R5
7	0.6664	0.7113	tall alc S3 S5 S7 DM R5
9	0.6664	0.7242	gpa caffine alc S3 S5 S7 G2 DM R5
8	0.6664	0.7177	alc S3 S7 G2 DM R1 R2 R5
10	0.6664	0.7306	alc S2 S3 S5 S7 G1 G2 DM R4 R5
11	0.6664	0.7370	typingSpeed alc S2 S3 S5 S6 S7 G2 DM R2 R5
10	0.6664	0.7306	typingSpeed caffine alc S3 S5 S7 G2 DM R2 R5
10	0.6664	0.7306	typingSpeed tall alc S3 S5 S7 G2 DM R2 R5
10	0.6664	0.7306	alc S3 S5 S7 G2 DM R1 R2 R4 R5
12	0.6664	0.7434	alc S2 S3 S5 S6 S7 G2 DM R1 R3 R4 R5
9	0.6664	0.7241	alc S2 S3 S6 S7 G2 DM R2 R5
10	0.6664	0.7305	typingSpeed caffine alc S2 S3 S5 S7 G2 DM R5
10	0.6664	0.7305	typingSpeed alc S1 S2 S3 S5 S7 G2 DM R5
10	0.6664	0.7305	alc S1 S2 S3 S5 S7 G2 DM R4 R5
10	0.6663	0.7305	alc S3 S5 S6 S7 G2 DM R3 R4 R5
11	0.6663	0.7369	typingSpeed alc S2 S3 S5 S7 G2 DM R2 R4 R5
8	0.6663	0.7177	alc S2 S3 S4 S7 G2 DM R5
10	0.6663	0.7305	alc S2 S3 S4 S5 S7 G2 DM R1 R5
9	0.6663	0.7241	caffine alc S2 S3 S5 S7 G2 R2 R5
10	0.6663	0.7305	gpa alc S2 S3 S5 S7 G2 DM R4 R5
9	0.6663	0.7241	tall alc S3 S5 S7 G2 DM R3 R5
10	0.6663	0.7305	alc S2 S3 S5 S7 G2 DM R1 R3 R5
11	0.6663	0.7369	tall alc S2 S3 S5 S6 S7 G2 DM R2 R5
11	0.6663	0.7369	typingSpeed alc S1 S3 S4 S5 S7 G2 DM R4 R5
9	0.6662	0.7240	alc S2 S3 S4 S5 S7 G2 R2 R5
10	0.6662	0.7304	caffine alc S2 S3 S5 S7 G2 DM R4 R5
8	0.6662	0.7176	typingSpeed gpa alc S3 S7 G2 DM R5
8	0.6662	0.7176	alc S3 S7 G2 DM R2 R3 R5
8	0.6662	0.7176	typingSpeed alc S3 S7 G2 DM R2 R5
10	0.6662	0.7304	gpa alc S3 S5 S7 G2 DM R1 R2 R5
9	0.6662	0.7240	alc S2 S3 S5 S7 G2 R1 R2 R5
7	0.6662	0.7111	alc S3 S5 S6 S7 DM R5
7	0.6662	0.7111	alc S2 S3 S7 G1 DM R5
9	0.6662	0.7239	gpa alc S2 S3 S5 S7 G2 R2 R5
10	0.6661	0.7303	tall caffine alc S3 S5 S7 G2 DM R2 R5
9	0.6661	0.7239	typingSpeed alc S2 S3 S6 S7 G2 DM R5
7	0.6661	0.7110	alc S3 S5 S7 DM R3 R5

Number in Model	Adjusted R-Square	R-Square	Variables in Model
10	0.6661	0.7303	alc S3 S4 S5 S6 S7 G2 DM R1 R5
8	0.6661	0.7174	tall alc S3 S7 G2 DM R2 R5
10	0.6661	0.7303	alc S1 S3 S5 S6 S7 G2 DM R4 R5
6	0.6660	0.7046	gpa alc S3 S7 DM R5
6	0.6660	0.7046	alc S2 S3 S7 DM R5
8	0.6660	0.7174	alc S3 S7 G2 DM R3 R4 R5
11	0.6660	0.7367	alc S2 S3 S5 S6 S7 G1 G2 DM R2 R5
11	0.6660	0.7367	alc S3 S5 S6 S7 G2 DM R1 R3 R4 R5
9	0.6660	0.7238	alc S2 S3 S5 S7 G2 R2 R3 R5
7	0.6660	0.7110	alc S3 S4 S7 G1 DM R5
11	0.6660	0.7366	alc S2 S3 S5 S6 S7 G2 DM R2 R3 R5
10	0.6660	0.7302	gpa alc S3 S4 S5 S6 S7 G2 DM R5
10	0.6660	0.7302	tall alc S3 S5 S6 S7 G2 DM R4 R5
11	0.6660	0.7366	alc S1 S3 S5 S7 G2 DM R1 R3 R4 R5
10	0.6659	0.7302	alc S3 S5 S6 S7 G2 DM R1 R3 R5
6	0.6659	0.7045	alc S3 S7 DM R1 R5
10	0.6659	0.7302	tall alc S3 S5 S7 G2 DM R1 R2 R5
9	0.6659	0.7237	alc S2 S3 S5 S7 G2 R2 R4 R5
8	0.6659	0.7173	gpa alc S3 S4 S7 G2 DM R5
10	0.6659	0.7301	typingSpeed alc S3 S5 S7 G2 DM R1 R2 R5
7	0.6659	0.7109	alc S3 S7 DM R2 R3 R5
11	0.6659	0.7366	typingSpeed alc S1 S2 S3 S5 S6 S7 G2 DM R5
9	0.6659	0.7237	alc S3 S5 S7 G1 G2 DM R3 R5
10	0.6659	0.7301	typingSpeed alc S3 S5 S7 G2 DM R2 R3 R5
9	0.6659	0.7237	alc S2 S3 S5 S6 S7 G1 DM R5
8	0.6658	0.7172	alc S3 S5 S7 G1 DM R3 R5
7	0.6658	0.7108	alc S3 S6 S7 DM R2 R5
10	0.6658	0.7301	typingSpeed alc S3 S5 S7 G2 DM R1 R4 R5
10	0.6658	0.7301	tall alc S3 S5 S7 G2 DM R2 R3 R5
6	0.6658	0.7043	alc S1 S3 S7 DM R5
7	0.6658	0.7108	gpa alc S3 S5 S7 G2 R5
9	0.6658	0.7236	typingSpeed alc S1 S3 S5 S7 G2 R2 R5
9	0.6658	0.7236	alc S1 S2 S3 S5 S7 G2 R2 R5
8	0.6657	0.7172	alc S3 S5 S7 G1 DM R4 R5
11	0.6657	0.7365	alc S1 S2 S3 S4 S6 S7 G2 DM R4 R5
10	0.6657	0.7300	alc S3 S4 S5 S6 S7 G2 DM R3 R5
7	0.6657	0.7107	alc S3 S6 S7 DM R3 R5
10	0.6657	0.7300	alc S3 S4 S5 S7 G2 DM R1 R4 R5
11	0.6657	0.7364	typingSpeed alc S1 S3 S4 S5 S7 G2 DM R2 R5

The REG Procedure
Model: MODEL1
Dependent Variable: age


Fit Diagnostics for age
Residual
Predicted Value
RStudent
Predicted Value
RStudent
Leverage
Residual
Quantile
age
Predicted Value
Cook's D
Observation
Percent
Residual
Fit–Mean
Residual
Proportion Less
Observations 53
Parameters 9
Error DF 44
MSE 0.7653
R-Square 0.7294
Adj R-Square 0.6803





The REG Procedure
Model: MODEL1
Dependent Variable: age

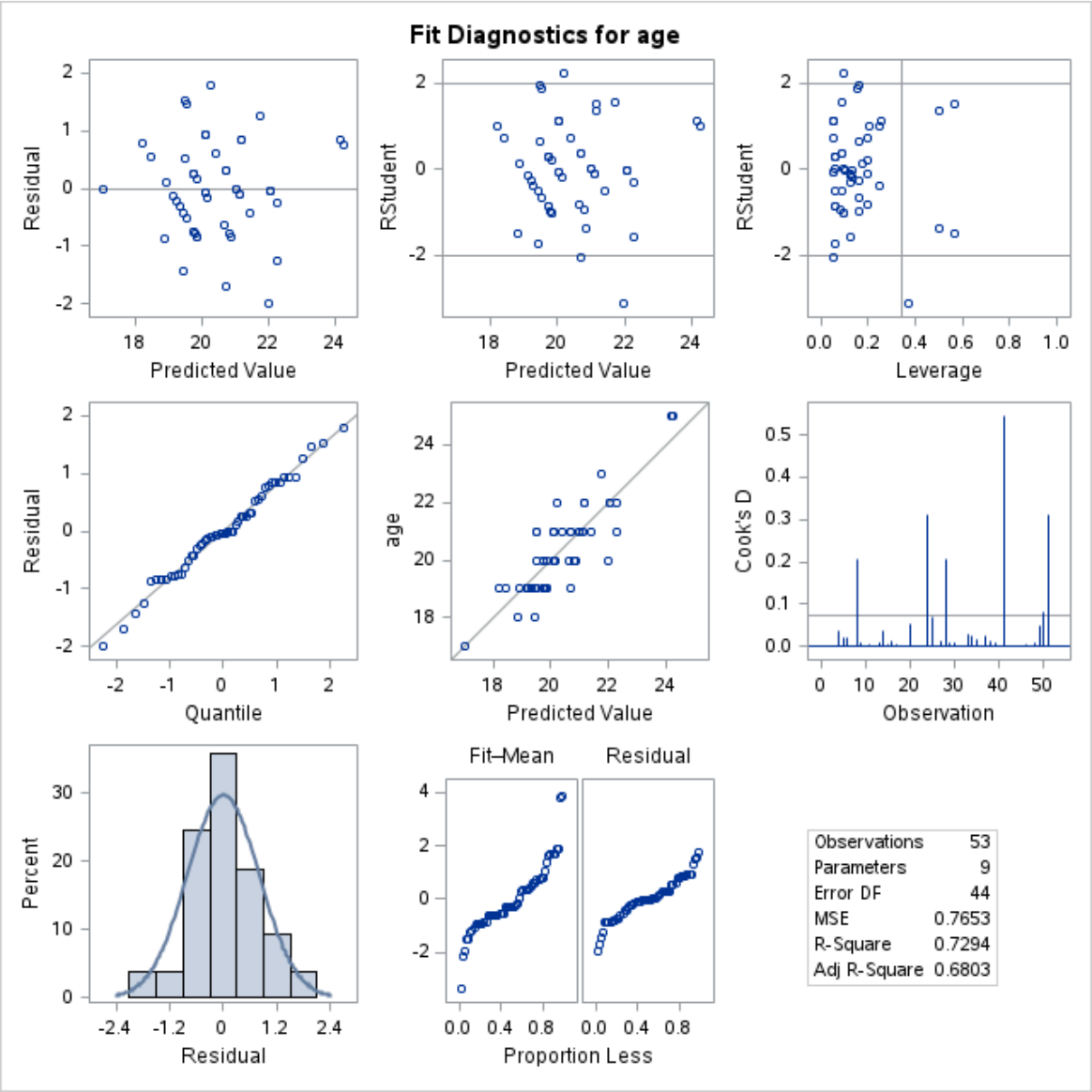
Number of Observations Read	53
Number of Observations Used	53

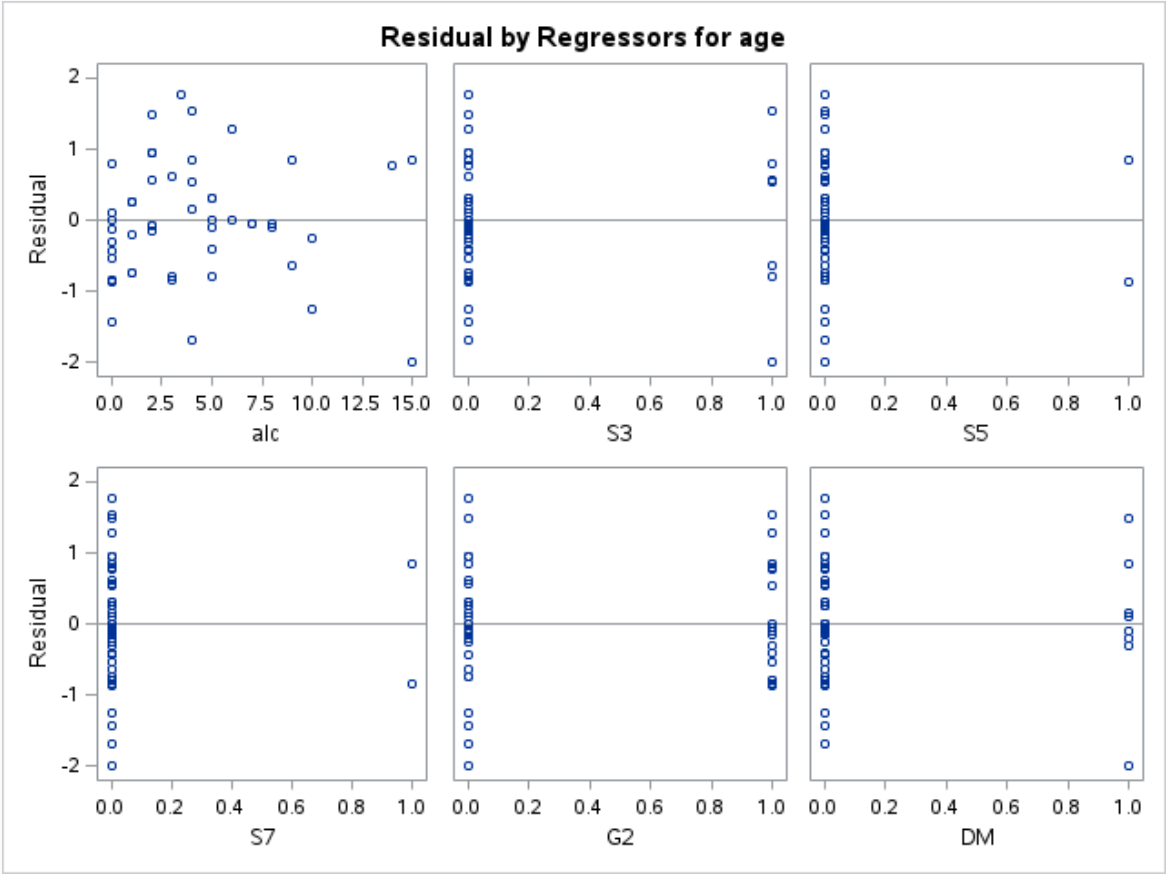
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	90.78159	11.34770	14.83	<.0001
Error	44	33.67124	0.76526		
Corrected Total	52	124.45283			

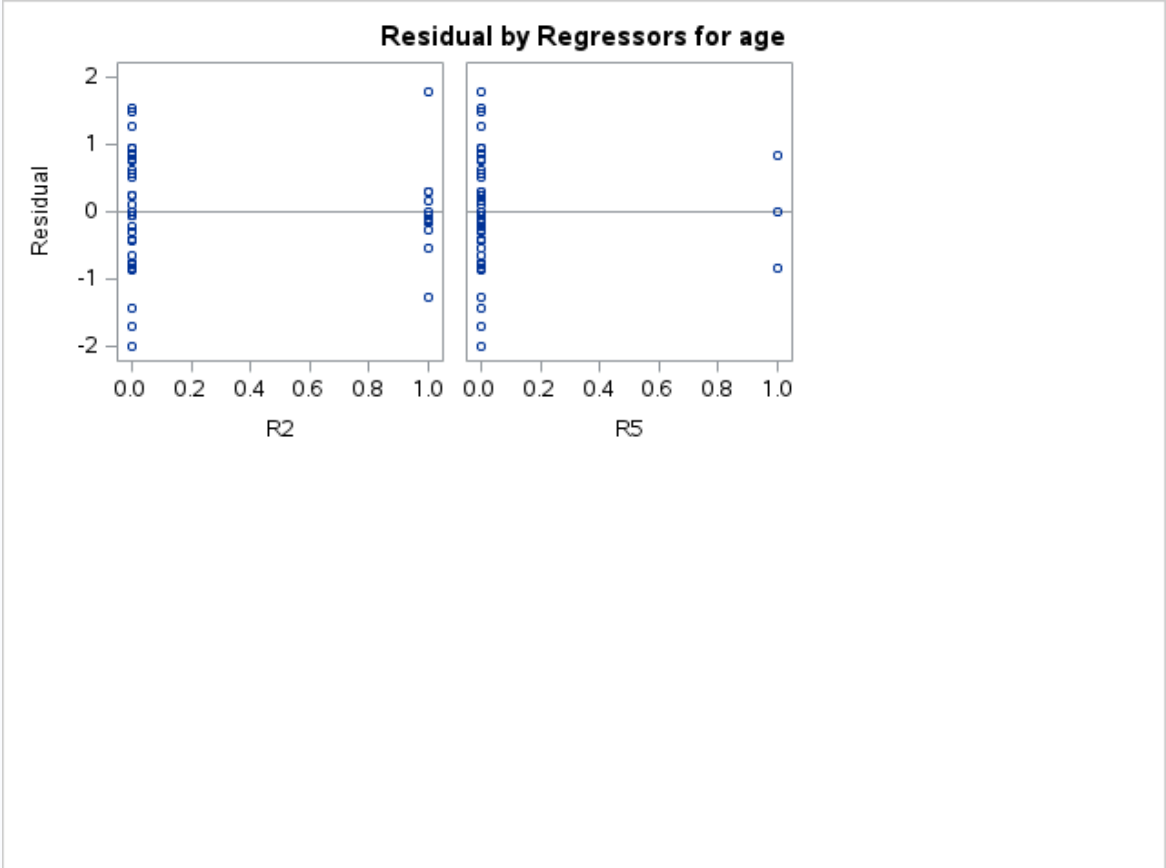
Root MSE	0.87479	R-Square	0.7294
Dependent Mean	20.37736	Adj R-Sq	0.6803
Coeff Var	4.29295		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	19.43411	0.21994	88.36	<.0001
alc	1	0.31403	0.03273	9.59	<.0001
S3	1	-1.62585	0.38436	-4.23	0.0001
S5	1	-0.98675	0.68495	-1.44	0.1568
S7	1	2.90088	1.07750	2.69	0.0100
G2	1	0.40793	0.27317	1.49	0.1425
DM	1	-0.53689	0.35075	-1.53	0.1330
R2	1	-0.31421	0.30083	-1.04	0.3020
R5	1	-2.84204	0.91426	-3.11	0.0033

The REG Procedure
Model: MODEL1
Dependent Variable: age


Fit Diagnostics for age
Residual
Predicted Value
RStudent
Predicted Value
RStudent
Leverage
Residual
Quantile
age
Predicted Value
Cook's D
Observation
Percent
Residual
Fit–Mean
Residual
Proportion Less
Observations 53
Parameters 9
Error DF 44
MSE 0.7653
R-Square 0.7294
Adj R-Square 0.6803


Residual by Regressors for age
Residual
alc
S3
S5
S7
G2
DM


Residual by Regressors for age
Residual
R2
R5