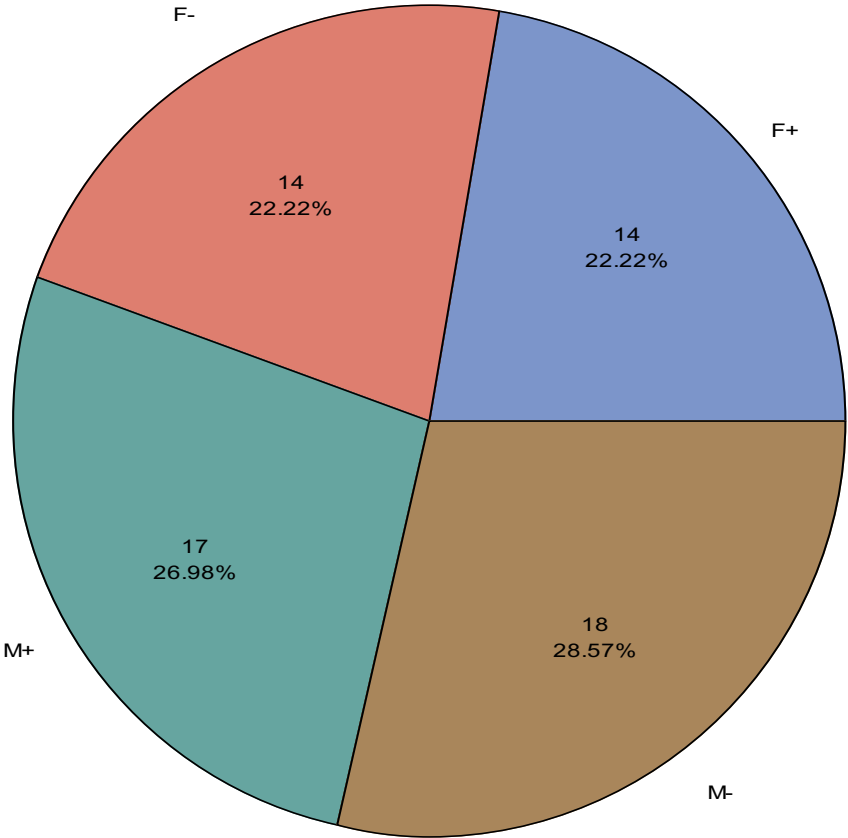


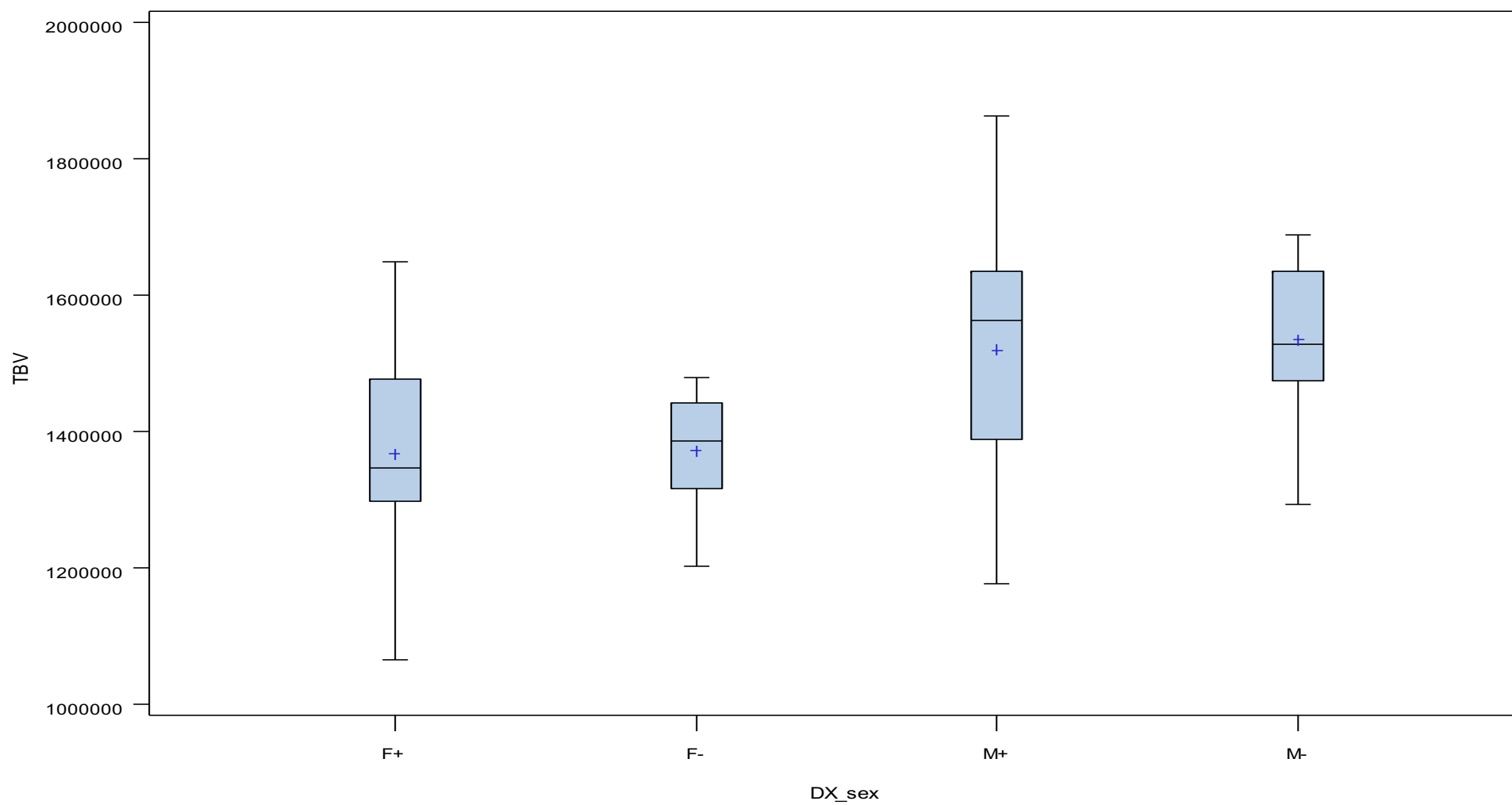
# Pie Chart of Sample Distribution

FREQUENCY of DX\_sex

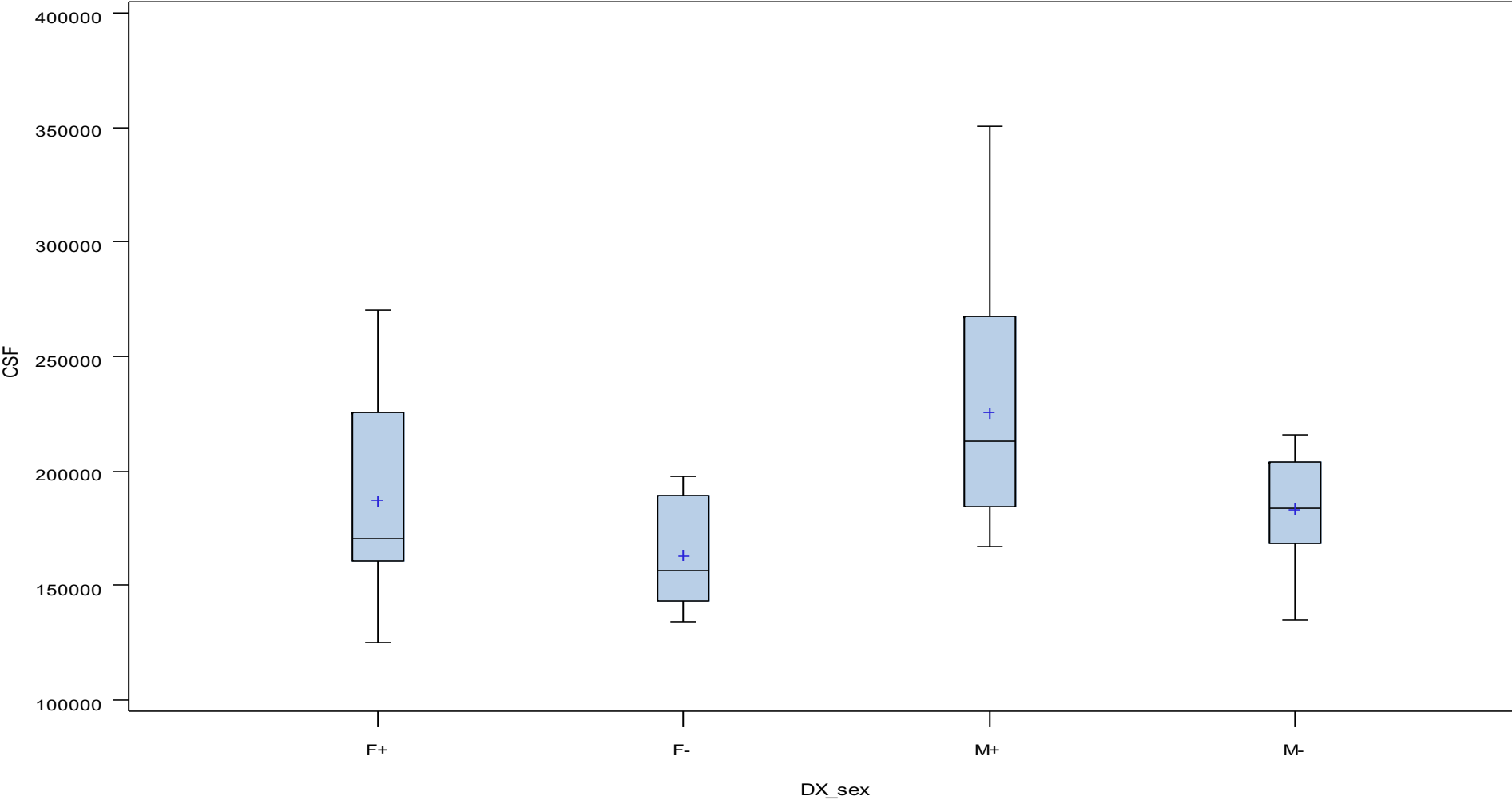




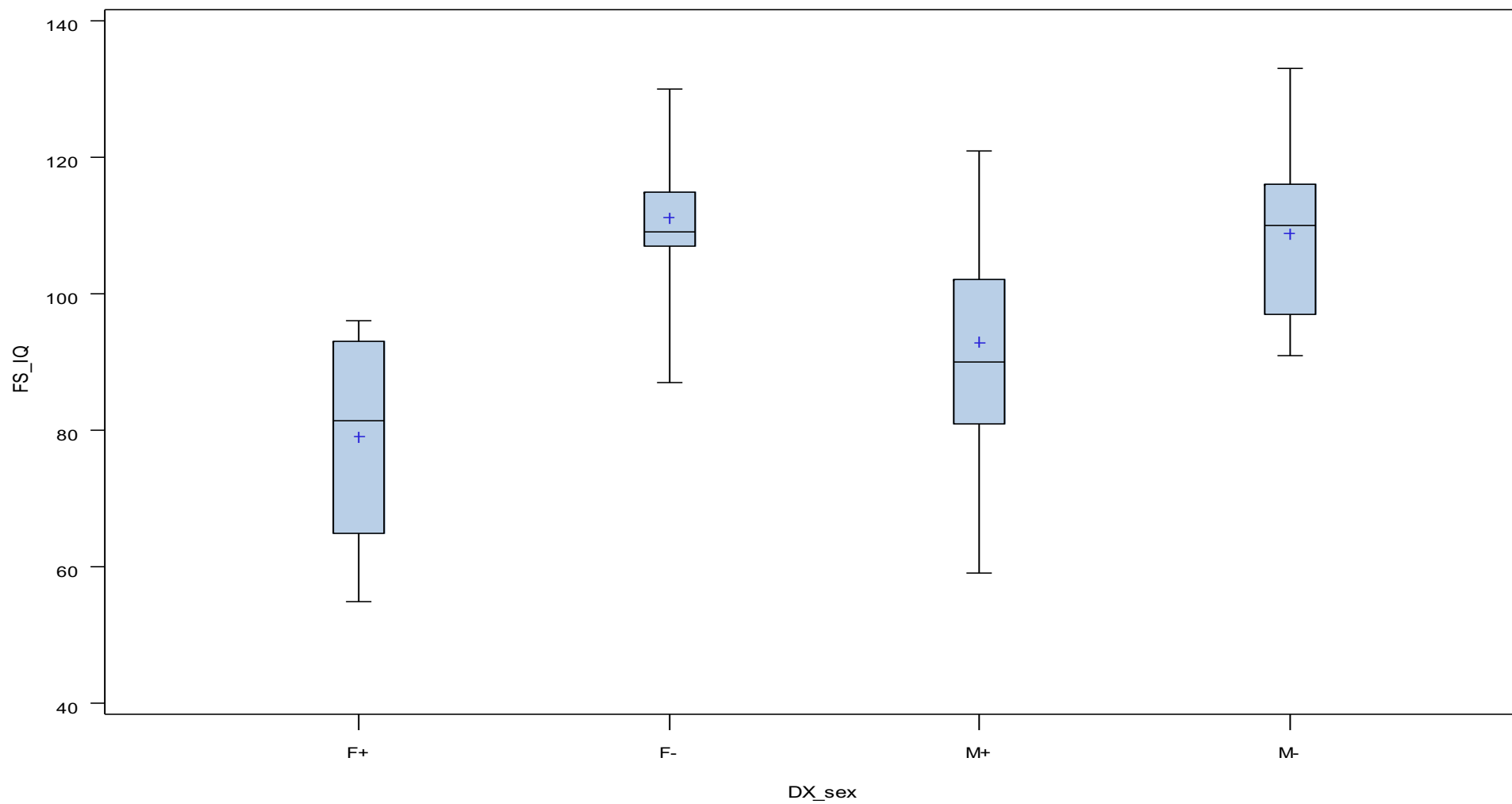
**Boxplot of Total Brain Volume by Diagnosis and Sex**



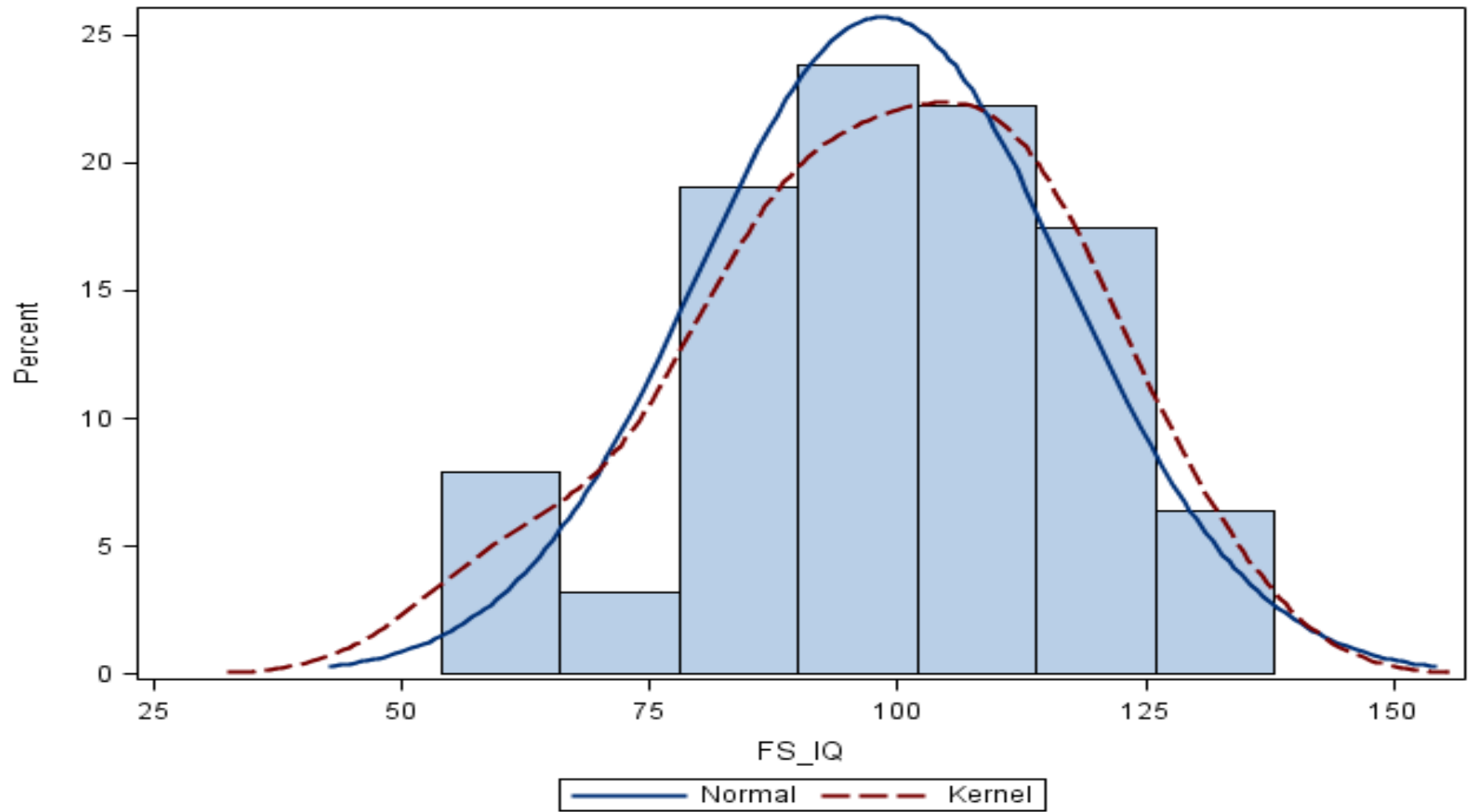
**Boxplot of Cerebrospinal Fluid Volume by Diagnosis and Sex**



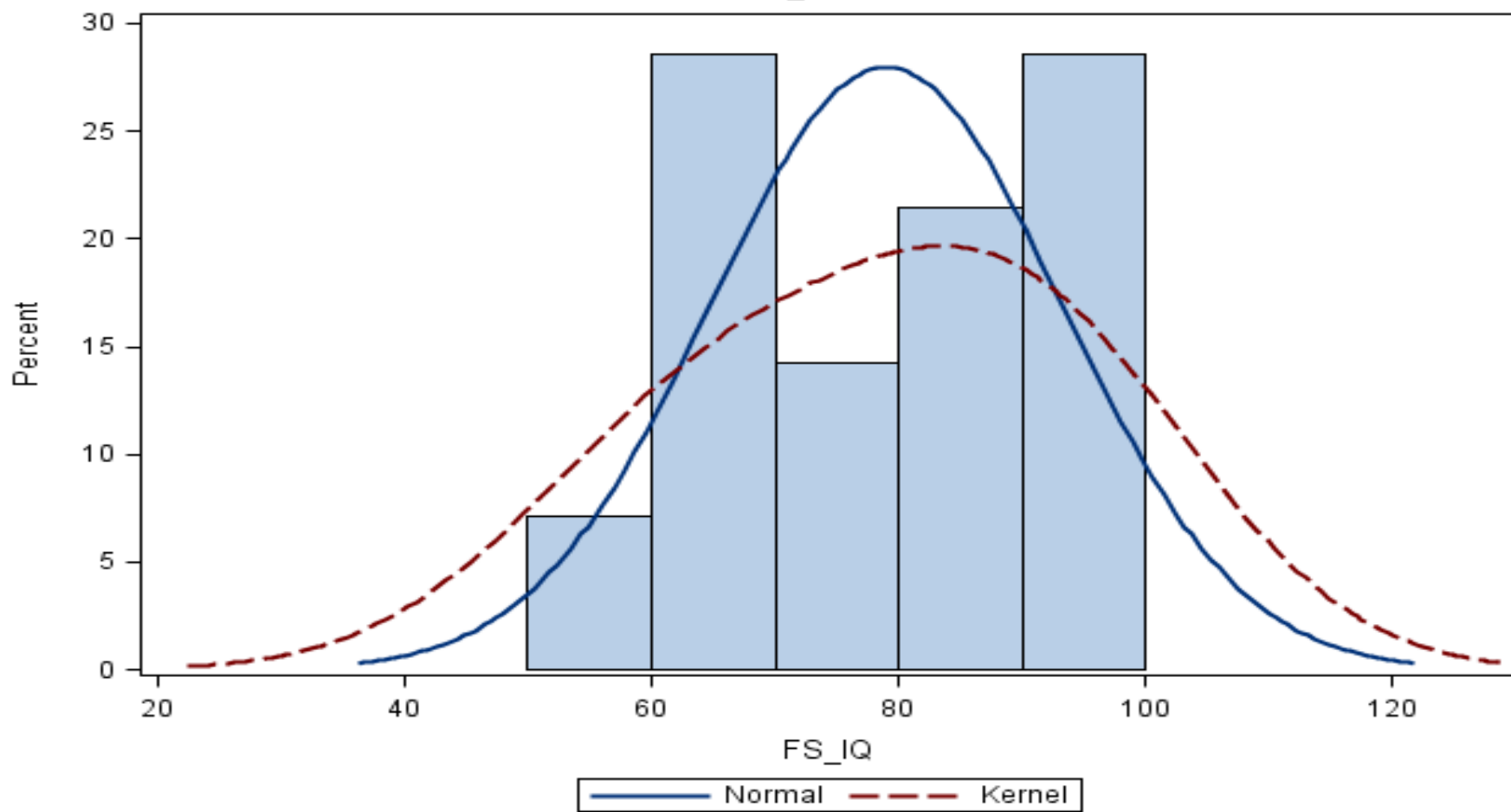
**Boxplot of IQ by Diagnosis and Sex**



**Histogram of IQ**

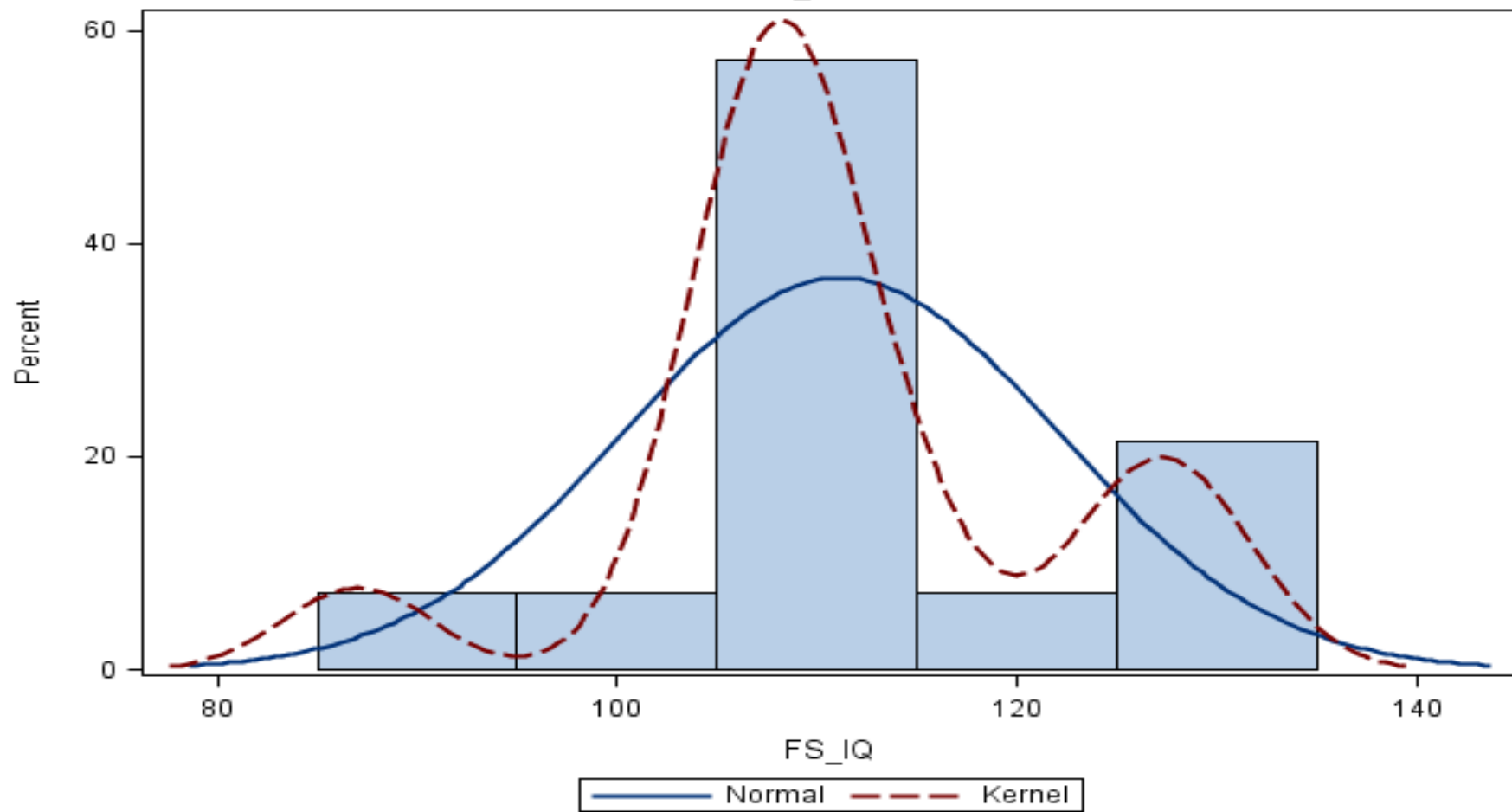


**Histogram of IQ by Diagnosis and Sex**  
DX\_sex=F+



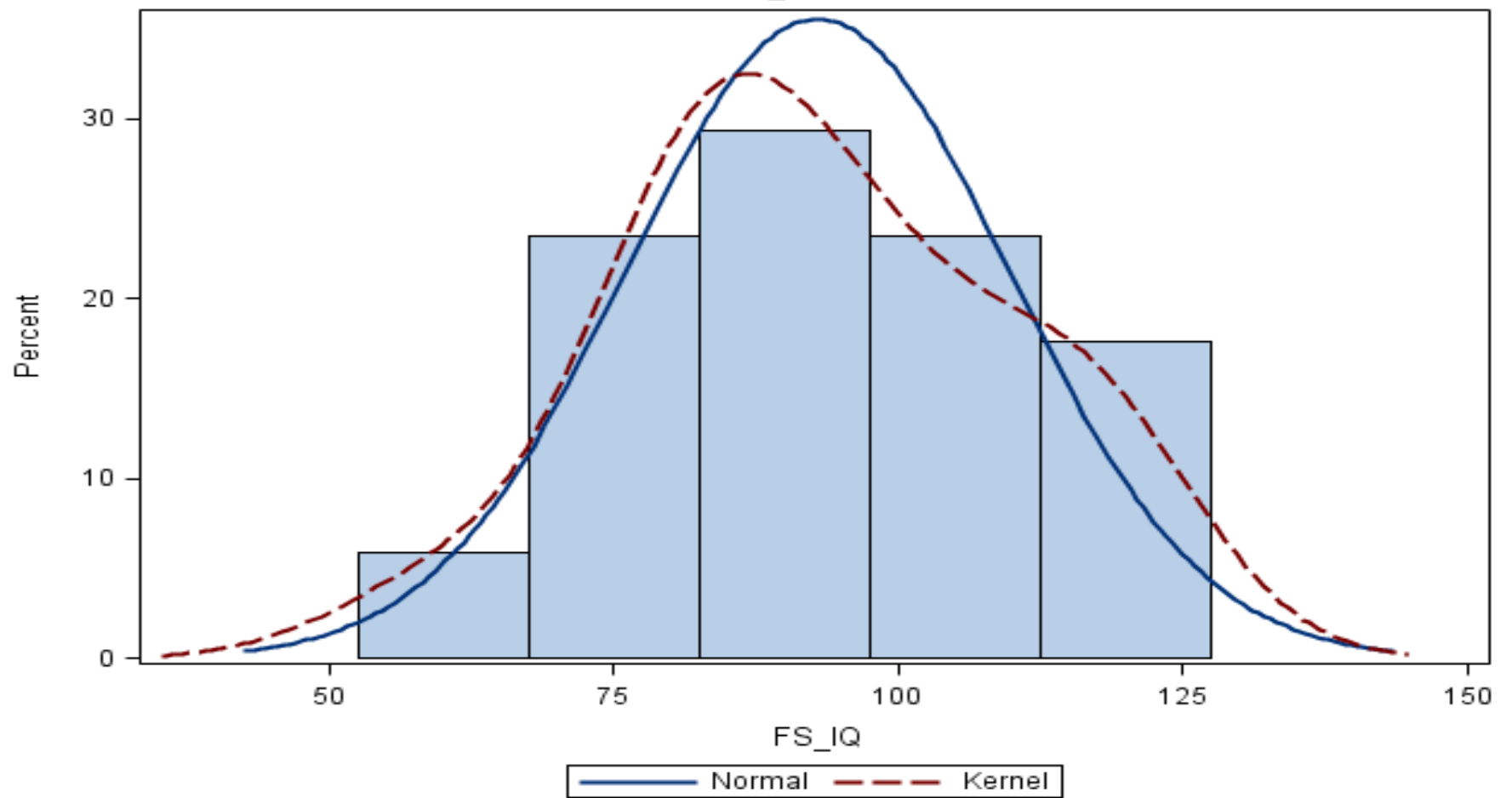
**Histogram of IQ by Diagnosis and Sex**

DX\_sex=F-

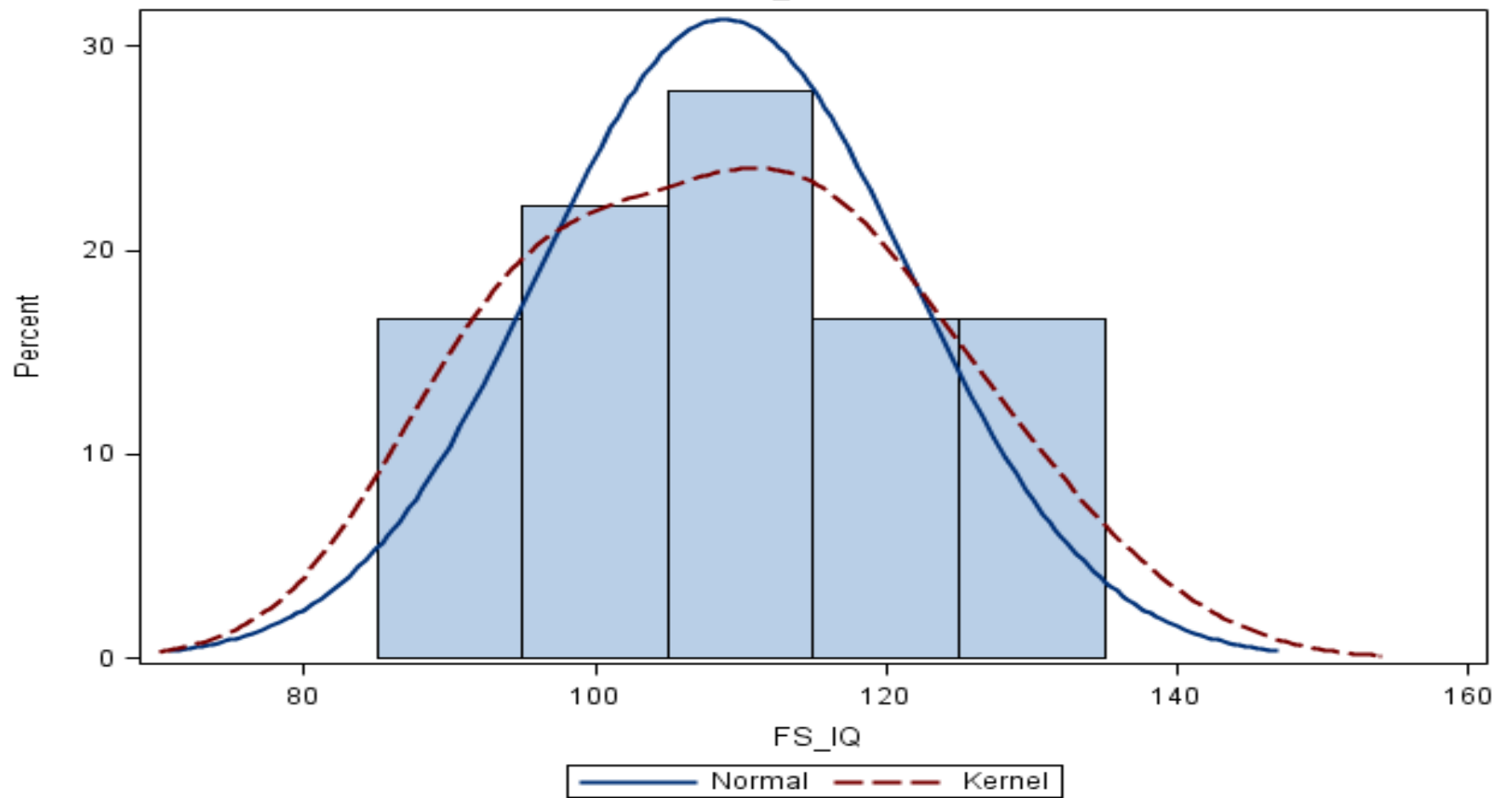




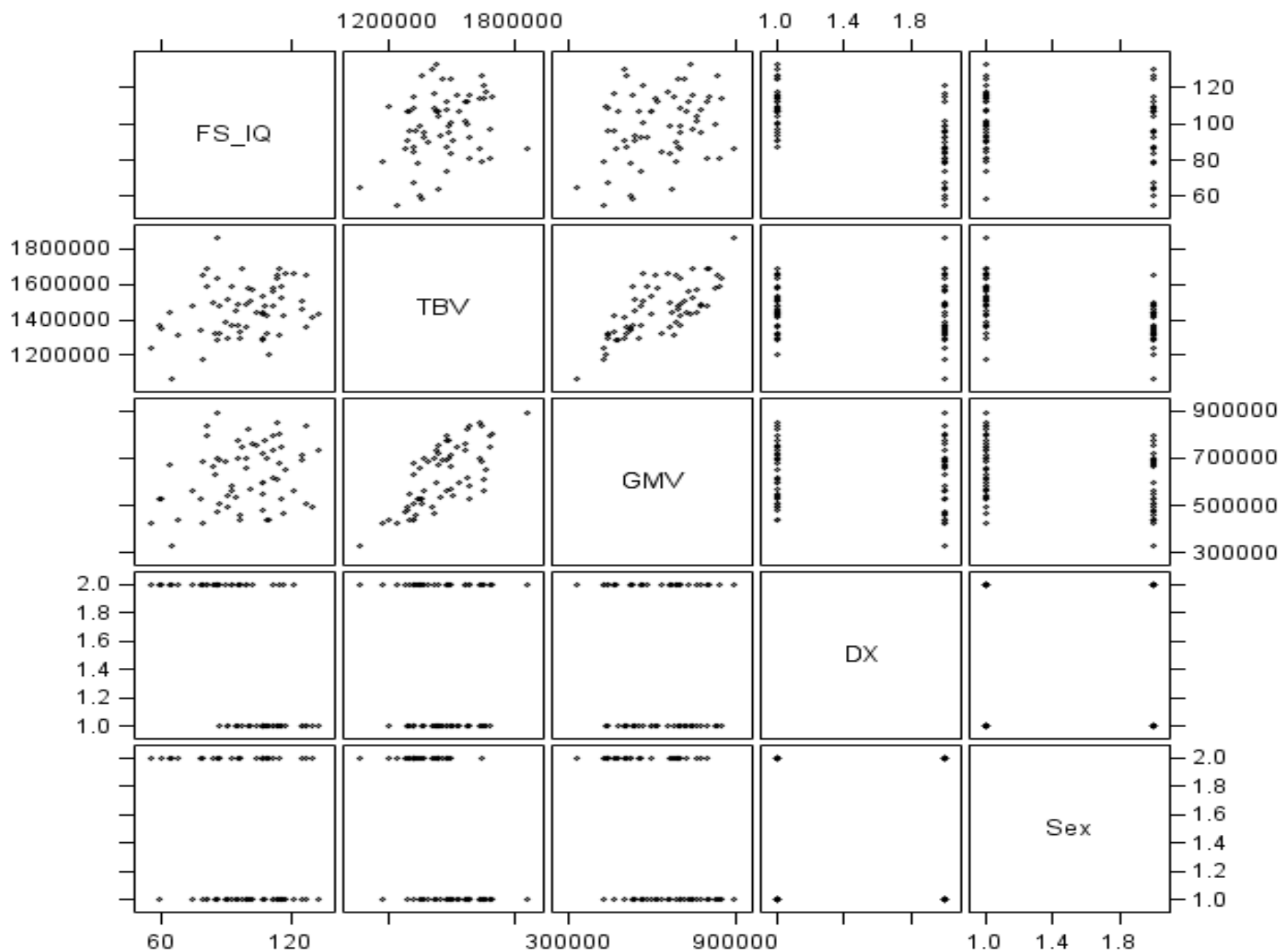
**Histogram of IQ by Diagnosis and Sex**  
DX\_sex=M+



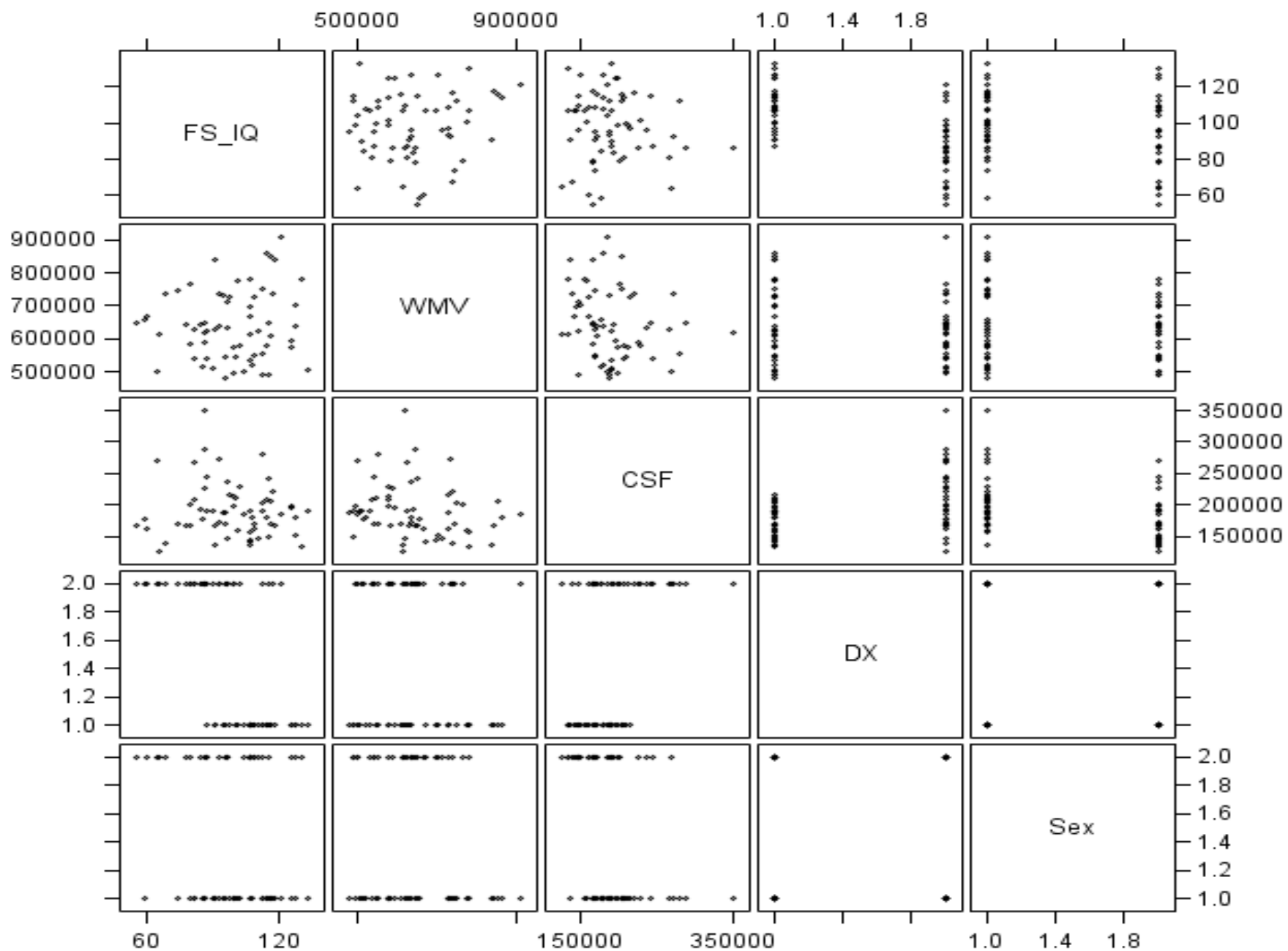
**Histogram of IQ by Diagnosis and Sex**  
DX\_sex=M-



# Scatter Martix of IQ Total Brain and Grey Matter Volume



**Scatter Martix of IQ and White Matter Volume and Cerebrospinal Fluid Volume**



T-Test of IQ by Diagnosis 17:16 Sunday, November 28, 2010 237

# The TTEST Procedure

Variable: FS\_IQ (FS\_IQ)

DX	N	Mean	Std Dev	Std Err	Minimum	Maximum
1	32	109.8	11.8134	2.0883	87.0000	133.0
2	31	86.6129	16.9876	3.0511	55.0000	121.0
Diff (1-2)		23.2308	14.5892	3.6766		

DX	Method	Mean	95% CL Mean	Std Dev	95% CL Std Dev
1		109.8	105.6 114.1	11.8134	9.4708 15.7056
2		86.6129	80.3818 92.8440	16.9876	13.5750 22.7069
Diff (1-2)	Pooled	23.2308	15.8790 30.5827	14.5892	12.3974 17.7299
Diff (1-2)	Satterthwaite	23.2308	15.8162 30.6455		

Method	Variances	DF	t Value	Pr >  t
Pooled	Equal	61	6.32	<.0001
Satterthwaite	Unequal	53.36	6.28	<.0001

## Equality of Variances

Method	Num DF	Den DF	F Value	Pr > F
Folded F	30	31	2.07	0.0484

Frequency of Diagnosis, Sex, and Diagnosis/Sex for the Sample 231  
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## The FREQ Procedure

DX	Frequency	Cumulative Percent	Frequency	Cumulative Percent
----	-----------	-----------------------	-----------	-----------------------

<pre> ##### 1  32  50.79   32  50.79 2  31  49.21   63 100.00 </pre>				
--	--	--	--	--

Sex

		Cumulative		Cumulative	
Sex	Frequency	Percent	Frequency	Percent	
<pre> ##### 1  35  55.56   35  55.56 2  28  44.44   63 100.00 </pre>					

		Cumulative		Cumulative	
DX_sex	Frequency	Percent	Frequency	Percent	
<pre> ##### F+   14  22.22   14  22.22 F-   14  22.22   28  44.44 M+   17  26.98   45  71.43 M-   18  28.57   63 100.00 </pre>					

T-Test of Cerebrospinal Fluid Volume by Diagnosis 246  
17:16 Sunday, November 28, 2010

The TTEST Procedure

Variable: CSF (CSF)

DX	N	Mean	Std Dev	Std Err	Minimum	Maximum
1	32	174446	24238.6	4284.8	133887	215525
2	31	208241	50840.4	9131.2	125453	350487
Diff (1-2)		-33795.5	39620.2	9984.6		

DX	Method	Mean	95% CL Mean	Std Dev	95% CL Std Dev
1		174446	165707 183184	24238.6	19432.2 32224.7
2		208241	189593 226889	50840.4	40627.2 67957.0
Diff (1-2)	Pooled	-33795.5	-53761.0 -13830.1	39620.2	33667.7 48149.3
Diff (1-2)	Satterthwaite	-33795.5	-54141.6 -13449.4		

Method	Variances	DF	t Value	Pr >  t
Pooled	Equal	61	-3.38	0.0013
Satterthwaite	Unequal	42.664	-3.35	0.0017

Equality of Variances

Method	Num DF	Den DF	F Value	Pr > F
Folded F	30	31	4.40	<.0001

ANOVA of IQ by Diagnosis and Sex 248  
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The ANOVA Procedure

Dependent Variable: FS\_IQ FS\_IQ

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	10019.29085	3339.76362	17.19	<.0001
Error	59	11461.97899	194.27083		

Corrected Total      62   21481.26984

R-Square	Coeff Var	Root MSE	FS_IQ Mean
0.466420	14.16292	13.93811	98.41270

Source	DF	Anova SS	Mean Square	F Value	Pr > F
DX_sex	3	10019.29085	3339.76362	17.19	<.0001

ANOVA of IQ by Diagnosis and Sex      249  
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The ANOVA Procedure

Tukey's Studentized Range (HSD) Test for FS\_IQ

NOTE: This test controls the Type I experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	59
Error Mean Square	194.2708
Critical Value of Studentized Range	3.73889

Comparisons significant at the 0.05 level are indicated by \*\*\*.

	Difference		
DX_sex Comparison	Between Means	Simultaneous 95% Confidence Limits	
F- - M-	2.310	-10.822	15.441
F- - M+	18.261	4.961	31.560 ***
F- - F+	32.143	18.215	46.071 ***
M- - F-	-2.310	-15.441	10.822
M- - M+	15.951	3.488	28.413 ***
M- - F+	29.833	16.702	42.965 ***
M+ - F-	-18.261	-31.560	-4.961 ***
M+ - M-	-15.951	-28.413	-3.488 ***



M+ - F+	13.882	0.583	27.181	***
F+ - F-	-32.143	-46.071	-18.215	***
F+ - M-	-29.833	-42.965	-16.702	***
F+ - M+	-13.882	-27.181	-0.583	***

ANOVA of IQ by Diagnosis and Sex 250  
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The ANOVA Procedure

Tukey's Studentized Range (HSD) Test for FS\_IQ

NOTE: This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha	0.05
Error Degrees of Freedom	59
Error Mean Square	194.2708
Critical Value of Studentized Range	3.73889
Minimum Significant Difference	13.215
Harmonic Mean of Cell Sizes	15.54991

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

Tukey Grouping	Mean	N	DX_sex
A	111.143	14	F-
A			
A	108.833	18	M-
B	92.882	17	M+
C	79.000	14	F+

ANOVA of Total Brain Volume by Diagnosis and Sex 252  
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The ANOVA Procedure

Dependent Variable: TBV TBV

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	388233006907	129411002302	7.72	0.0002
Error	59	988806015276	16759423988		
Corrected Total	62	1.377039E12			

R-Square	Coeff Var	Root MSE	TBV Mean
0.281933	8.882747	129458.2	1457412

Source	DF	Anova SS	Mean Square	F Value	Pr > F
DX_sex	3	388233006907	129411002302	7.72	0.0002

ANOVA of Total Brain Volume by Diagnosis and Sex 253  
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#### The ANOVA Procedure

Tukey's Studentized Range (HSD) Test for TBV

NOTE: This test controls the Type I experimentwise error rate.

Alpha 0.05  
Error Degrees of Freedom 59  
Error Mean Square 1.676E10  
Critical Value of Studentized Range 3.73889

Comparisons significant at the 0.05 level are indicated by \*\*\*.

Difference			
DX_sex Comparison	Between Means	Simultaneous 95% Confidence Limits	
M- - M+	14648	-101105	130400
M- - F-	162792	40828	284756 ***
M- - F+	166592	44628	288556 ***
M+ - M-	-14648	-130400	101105
M+ - F-	148145	24621	271668 ***
M+ - F+	151945	28421	275468 ***
F- - M-	-162792	-284756	-40828 ***
F- - M+	-148145	-271668	-24621 ***
F- - F+	3800	-125563	133162
F+ - M-	-166592	-288556	-44628 ***
F+ - M+	-151945	-275468	-28421 ***
F+ - F-	-3800	-133162	125563

ANOVA of Total Brain Volume by Diagnosis and Sex 254  
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#### The ANOVA Procedure

Tukey's Studentized Range (HSD) Test for TBV

NOTE: This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha	0.05
Error Degrees of Freedom	59
Error Mean Square	1.676E10
Critical Value of Studentized Range	3.73889
Minimum Significant Difference	122746
Harmonic Mean of Cell Sizes	15.54991

NOTE: Cell sizes are not equal.

Means with the same letter are not significantly different.

Tukey Grouping	Mean	N	DX_sex
----------------	------	---	--------

A	1534561	18	M-
A			
A	1519913	17	M+

B	1371768	14	F-
B			
B	1367969	14	F+

Regression Analysis of IQ and Total Brain Volume by Diagnosis 284  
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----- DX=1 -----

The REG Procedure  
Model: MODEL1  
Dependent Variable: FS\_IQ FS\_IQ

Number of Observations Read	32
Number of Observations Used	32

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	128.69421	128.69421	0.92	0.3452
Error	30	4197.52454	139.91748		

Corrected Total      31   4326.21875

Root MSE      11.82867   R-Square   0.0297  
Dependent Mean   109.84375   Adj R-Sq   -0.0026  
Coeff Var      10.76863

Parameter Estimates

Variable	Label	Parameter DF	Standard Estimate	Error	t Value	Pr >  t
Intercept	Intercept	1	86.07841	24.86802	3.46	0.0016
TBV	TBV	1	0.00001624	0.00001693	0.96	0.3452

Regression Analysis of IQ and Total Brain Volume by Diagnosis      285  
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----- DX=2 -----

The REG Procedure  
Model: MODEL1  
Dependent Variable: FS\_IQ FS\_IQ

Number of Observations Read      31  
Number of Observations Used      31

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	1492.48903	1492.48903	6.04	0.0202
Error	29	7164.86581	247.06434		
Corrected Total	30	8657.35484			

Root MSE      15.71828   R-Square   0.1724  
Dependent Mean   86.61290   Adj R-Sq   0.1439  
Coeff Var      18.14774

# Parameter Estimates

Variable	Label	Parameter DF	Standard Estimate	Error	t Value	Pr >  t
Intercept	Intercept	1	27.07509	24.38775	1.11	0.2760
TBV	TBV	1	0.00004102	0.00001669	2.46	0.0202

Modeling IQ using Stepwise and R-Square Methods by Diagnosis Alone 287  
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----- DX=1 -----

The REG Procedure  
Model: All\_Method  
Dependent Variable: FS\_IQ

R-Square Selection Method

Number of Observations Read 32  
Number of Observations Used 32

Number in

Model R-Square Variables in Model

1 0.0439 GMV  
1 0.0423 L\_superior\_frontal\_gyrus  
1 0.0297 TBV

2 0.1538 L\_superior\_frontal\_gyrus L\_hippocampus  
2 0.1426 L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus  
2 0.0819 GMV CSF

3 0.1979 L\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus  
3 0.1742 CSF L\_superior\_frontal\_gyrus L\_hippocampus  
3 0.1736 L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus L\_hippocampus

4 0.2216 CSF L\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus  
4 0.2071 L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus  
4 0.2022 GMV CSF L\_superior\_frontal\_gyrus L\_hippocampus

5 0.2403 GMV CSF L\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus

5 0.2323 WMV CSF L\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus  
 5 0.2251 CSF L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus

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6 0.2450 GMV CSF L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus  
 L\_hippocampus  
 6 0.2406 TBV WMV CSF L\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus  
 6 0.2406 GMV WMV CSF L\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus

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7 0.2452 TBV WMV CSF L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus  
 L\_hippocampus  
 7 0.2452 GMV WMV CSF L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus  
 L\_hippocampus  
 7 0.2452 TBV GMV CSF L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus  
 L\_hippocampus

NOTE: Models of not full rank are not included.

Modeling IQ using Stepwise and R-Square Methods by Diagnosis Alone 289  
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---

DX=2

---

The REG Procedure  
 Model: Stepwise\_model  
 Dependent Variable: FS\_IQ FS\_IQ

Stepwise Selection: Step 2

Variable	Parameter Estimate	Standard Error	Type III SS	F Value	Pr > F
Intercept	25.00886	20.77318	259.59494	1.45	0.2387
TBV	0.00010095	0.00002239	3642.16730	20.34	0.0001
L_hippocampus	-0.10618	0.03065	2149.85087	12.00	0.0017

Bounds on condition number: 2.4814, 9.9256

---

All variables left in the model are significant at the 0.1500 level.

No other variable met the 0.1500 significance level for entry into the model.

# Summary of Stepwise Selection

Variable Step Entered	Variable Removed	Label	Number Vars In	Partial R-Square
1 TBV	TBV		1	0.1724
2 L_hippocampus		L-hippocampus	2	0.2483

# Summary of Stepwise Selection

## Model

Step	R-Square	C(p)	F Value	Pr > F
1	0.1724	11.2833	6.04	0.0202
2	0.4207	1.7962	12.00	0.0017

Modeling IQ using Stepwise and R-Square Methods by Diagnosis Alone 290  
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----- DX=2 -----

## The REG Procedure

Model: All\_Method

Dependent Variable: FS\_IQ

## R-Square Selection Method

Number of Observations Read 31  
Number of Observations Used 31

Number in

Model R-Square Variables in Model

1 0.1724 TBV  
1 0.0957 GMV  
1 0.0937 CSF

2 0.4207 TBV L\_hippocampus  
2 0.2108 TBV R\_superior\_frontal\_gyrus  
2 0.2066 TBV L\_superior\_frontal\_gyrus



3	0.4460	GMV WMV L_hippocampus
3	0.4406	TBV CSF L_hippocampus
3	0.4266	TBV L_superior_frontal_gyrus L_hippocampus
-----		
4	0.4955	TBV R_superior_frontal_gyrus R_hippocampus L_hippocampus
4	0.4620	TBV L_superior_frontal_gyrus R_hippocampus L_hippocampus
4	0.4508	GMV WMV CSF L_hippocampus
-----		
5	0.5000	TBV CSF R_superior_frontal_gyrus R_hippocampus L_hippocampus
5	0.4968	TBV L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus L_hippocampus
5	0.4960	TBV GMV R_superior_frontal_gyrus R_hippocampus L_hippocampus
-----		
6	0.5017	GMV WMV CSF R_superior_frontal_gyrus R_hippocampus L_hippocampus
6	0.5017	TBV GMV WMV R_superior_frontal_gyrus R_hippocampus L_hippocampus
6	0.5017	TBV GMV CSF R_superior_frontal_gyrus R_hippocampus L_hippocampus
-----		
7	0.5028	GMV WMV CSF L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus L_hippocampus
7	0.5028	TBV GMV WMV L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus L_hippocampus
7	0.5028	TBV GMV CSF L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus L_hippocampus

NOTE: Models of not full rank are not included.

Modeling IQ using Stepwise and R-Square Methods by Diagnosis and Sex	292
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----- DX\_sex=F+ -----

The REG Procedure  
Model: All\_Method  
Dependent Variable: FS\_IQ

R-Square Selection Method

4	0.4702	TBV L_superior_frontal_gyrus R_hippocampus L_hippocampus
4	0.4528	TBV R_superior_frontal_gyrus R_hippocampus L_hippocampus
4	0.4122	GMV L_superior_frontal_gyrus R_hippocampus L_hippocampus
-----		
5	0.4941	TBV WMV L_superior_frontal_gyrus R_hippocampus L_hippocampus
5	0.4903	TBV GMV L_superior_frontal_gyrus R_hippocampus L_hippocampus
5	0.4809	TBV L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus L_hippocampus

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6 0.4970 TBV WMV L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus
    L_hippocampus
6 0.4951 GMV WMV CSF L_superior_frontal_gyrus R_hippocampus L_hippocampus
6 0.4951 TBV GMV CSF L_superior_frontal_gyrus R_hippocampus L_hippocampus
-----
7 0.4971 GMV WMV CSF L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus
    L_hippocampus
7 0.4971 TBV GMV CSF L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus
    L_hippocampus
7 0.4971 TBV GMV WMV L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus
    L_hippocampus

```

Modeling IQ using Stepwise and R-Square Methods by Diagnosis and Sex 294  
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----- DX\_sex=F -----

The REG Procedure  
Model: Stepwise\_model  
Dependent Variable: FS\_IQ FS\_IQ

Stepwise Selection: Step 2

Variable	Parameter Estimate	Standard Error	Type III Sum of Squares	F Value	Pr > F
Intercept	72.51012	18.29551	676.85511	15.71	0.0022
CSF	-0.00020283	0.00007919	282.66469	6.56	0.0265
R_hippocampus	0.14192	0.03063	925.06301	21.47	0.0007

Bounds on condition number: 1.036, 4.144

All variables left in the model are significant at the 0.1500 level.

No other variable met the 0.1500 significance level for entry into the model.

Summary of Stepwise Selection

Variable Step Entered	Variable Removed	Label	Number Vars In	Partial R-Square
--------------------------	---------------------	-------	-------------------	---------------------

1	R_hippocampus		R-hippocampus	1	0.5047
2	CSF	CSF		2	0.1850

#### Summary of Stepwise Selection

	Model	Step	R-Square	C(p)	F Value	Pr > F
1		1	0.5047	5.5931	12.23	0.0044
2		2	0.6897	1.7681	6.56	0.0265

Number in

Model R-Square Variables in Model

1	0.5047	R_hippocampus
1	0.2352	L_superior_frontal_gyrus
1	0.0842	CSF

---

2	0.6897	CSF R_hippocampus
2	0.6123	WMV R_hippocampus
2	0.5612	GMV R_hippocampus

---

3	0.7128	TBV CSF R_hippocampus
3	0.7051	CSF L_superior_frontal_gyrus R_hippocampus
3	0.7027	CSF R_hippocampus L_hippocampus

---

4	0.7575	CSF L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus
4	0.7575	TBV CSF R_superior_frontal_gyrus R_hippocampus
4	0.7304	TBV CSF R_hippocampus L_hippocampus

---

5	0.7926	TBV CSF L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus
5	0.7679	GMV CSF L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus
5	0.7582	CSF L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus L_hippocampus

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6	0.8060	TBV CSF L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus L_hippocampus
6	0.7966	TBV WMV CSF L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus
6	0.7966	TBV GMV CSF L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus

---

7	0.8094	TBV WMV CSF L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus L_hippocampus
7	0.8094	TBV GMV CSF L_superior_frontal_gyrus R_superior_frontal_gyrus R_hippocampus L_hippocampus

7 0.8094 GMV WMV CSF L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus  
L\_hippocampus

Modeling IQ using Stepwise and R-Square Methods by Diagnosis and Sex 297  
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----- DX\_sex=M+ -----

The REG Procedure  
Model: All\_Method  
Dependent Variable: FS\_IQ

R-Square Selection Method

Number in

Model R-Square Variables in Model

1 0.0711 TBV  
1 0.0704 WMV  
1 0.0387 L\_hippocampus

2 0.3908 TBV L\_hippocampus  
2 0.1267 L\_superior\_frontal\_gyrus L\_hippocampus  
2 0.1216 GMV L\_hippocampus

3 0.4488 GMV WMV L\_hippocampus  
3 0.4394 TBV CSF L\_hippocampus  
3 0.3956 TBV R\_superior\_frontal\_gyrus L\_hippocampus

4 0.4505 TBV GMV WMV L\_hippocampus  
4 0.4505 GMV WMV CSF L\_hippocampus  
4 0.4505 TBV GMV CSF L\_hippocampus

5 0.4616 GMV WMV R\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus  
5 0.4566 TBV CSF R\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus  
5 0.4516 GMV WMV L\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus

6 0.4702 GMV WMV L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus  
L\_hippocampus  
6 0.4663 TBV CSF L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus  
L\_hippocampus  
6 0.4617 GMV WMV CSF R\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus

7 0.4702 TBV GMV WMV L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus

L\_hippocampus  
7 0.4702 GMV WMV CSF L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus  
L\_hippocampus  
7 0.4702 TBV GMV CSF L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus  
L\_hippocampus

Modeling IQ using Stepwise and R-Square Methods by Diagnosis and Sex 300  
17:16 Sunday, November 28, 2010

----- DX\_sex=M- -----

The REG Procedure  
Model: All\_Method  
Dependent Variable: FS\_IQ

R-Square Selection Method

Number in

Model R-Square Variables in Model

1 0.1895 GMV  
1 0.1239 TBV  
1 0.0559 L\_superior\_frontal\_gyrus

2 0.2433 GMV R\_superior\_frontal\_gyrus  
2 0.2421 GMV L\_superior\_frontal\_gyrus  
2 0.2314 TBV GMV

3 0.2860 GMV R\_superior\_frontal\_gyrus L\_hippocampus  
3 0.2683 GMV L\_superior\_frontal\_gyrus L\_hippocampus  
3 0.2540 TBV GMV R\_superior\_frontal\_gyrus

4 0.3042 GMV R\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus  
4 0.2863 GMV L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus L\_hippocampus  
4 0.2861 GMV CSF R\_superior\_frontal\_gyrus L\_hippocampus

5 0.3046 TBV GMV R\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus  
5 0.3046 GMV WMV R\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus  
5 0.3042 GMV L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus

6 0.3046 TBV GMV L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus  
L\_hippocampus  
6 0.3046 GMV WMV L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus  
L\_hippocampus  
6 0.3046 TBV WMV CSF R\_superior\_frontal\_gyrus R\_hippocampus L\_hippocampus

- 
- 7 0.3046 TBV WMV CSF L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus  
L\_hippocampus
  - 7 0.3046 TBV GMV CSF L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus  
L\_hippocampus
  - 7 0.3046 TBV GMV WMV L\_superior\_frontal\_gyrus R\_superior\_frontal\_gyrus R\_hippocampus  
L\_hippocampus

