

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=A1BG

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	22.57461	0.11608	270.89531	22.29520	22.78045
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.01778 0.9563
MAF	-0.01778 0.9563	1.00000

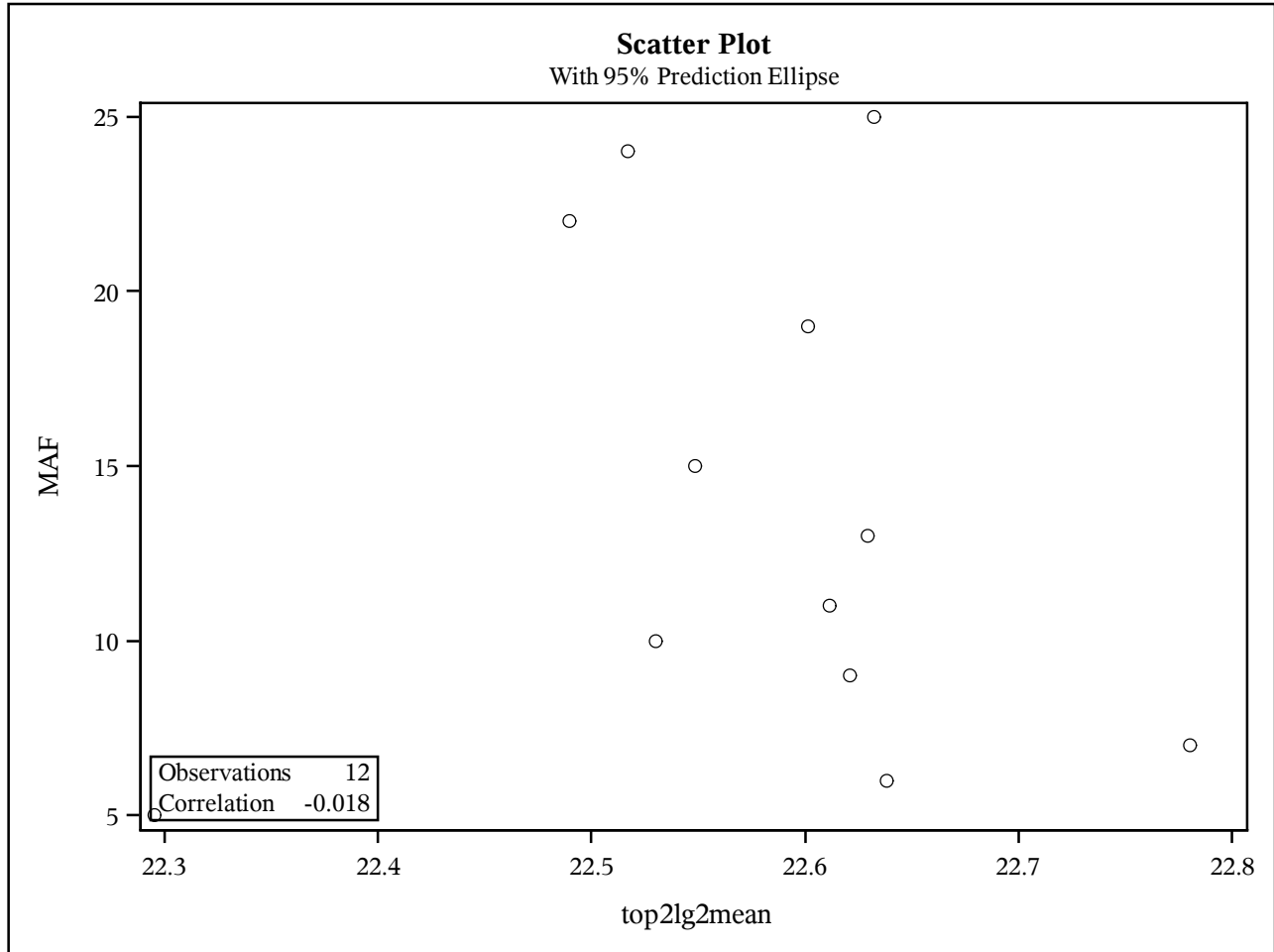
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.01778	-0.01779	-0.0008084	-0.01698	-0.585176	0.562405	0.9574

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=A1BG



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=A2M

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	23.51360	0.37790	282.16326	22.83730	24.15903
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

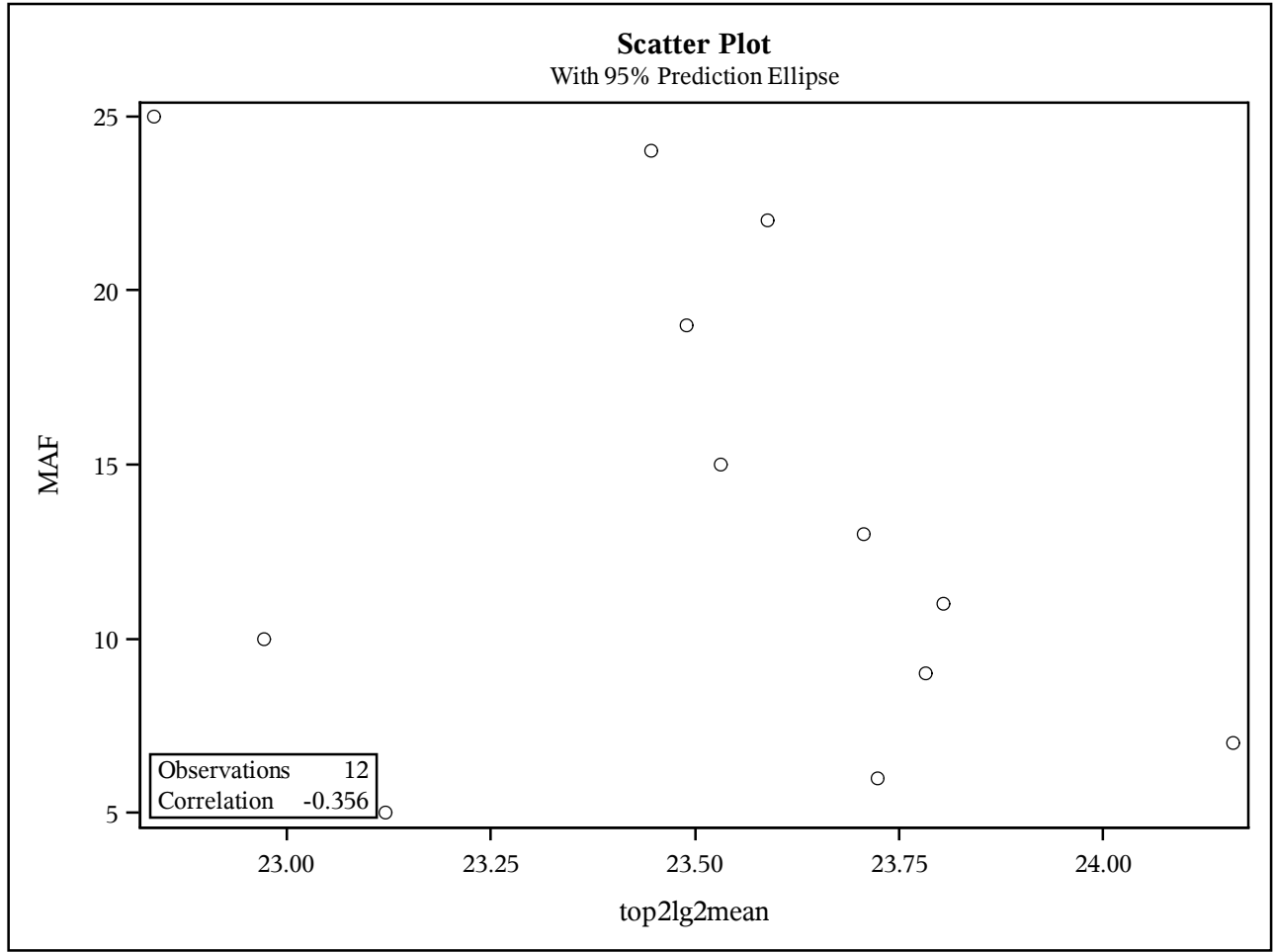
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.35552 0.2567
MAF	-0.35552 0.2567	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.35552	-0.37175	-0.01616	-0.34133	-0.765312	0.289233	0.2647

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=A2M



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=AGT

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	24.82819	0.43733	297.93831	23.95626	25.72056
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.41920 0.1750
MAF	-0.41920 0.1750	1.00000

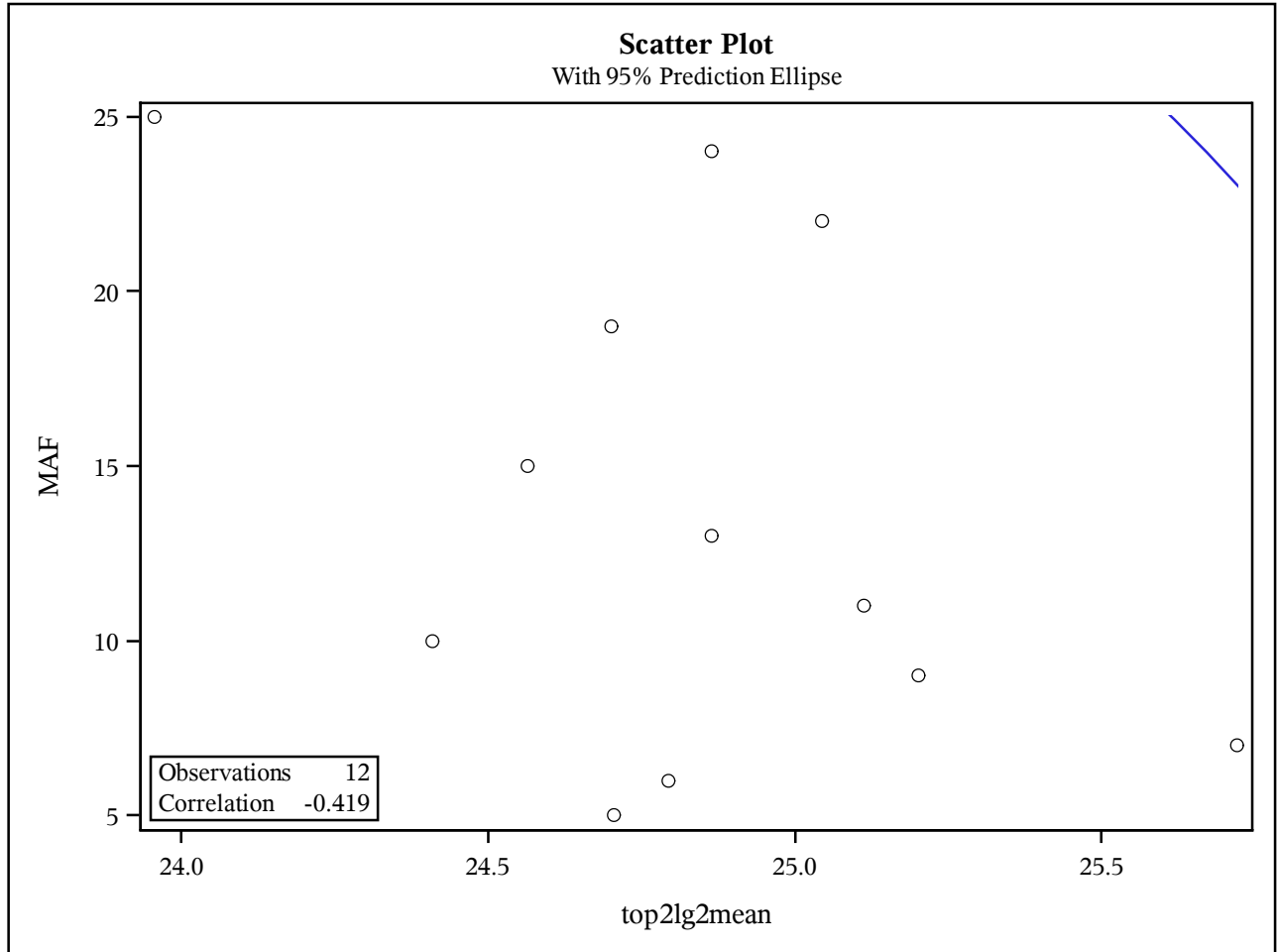
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.41920	-0.44672	-0.01905	-0.40337	-0.793563	0.221906	0.1802

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=AGT



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=AHSG

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	22.54882	0.14816	270.58587	22.32566	22.82825
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.07588 0.8147
MAF	0.07588 0.8147	1.00000

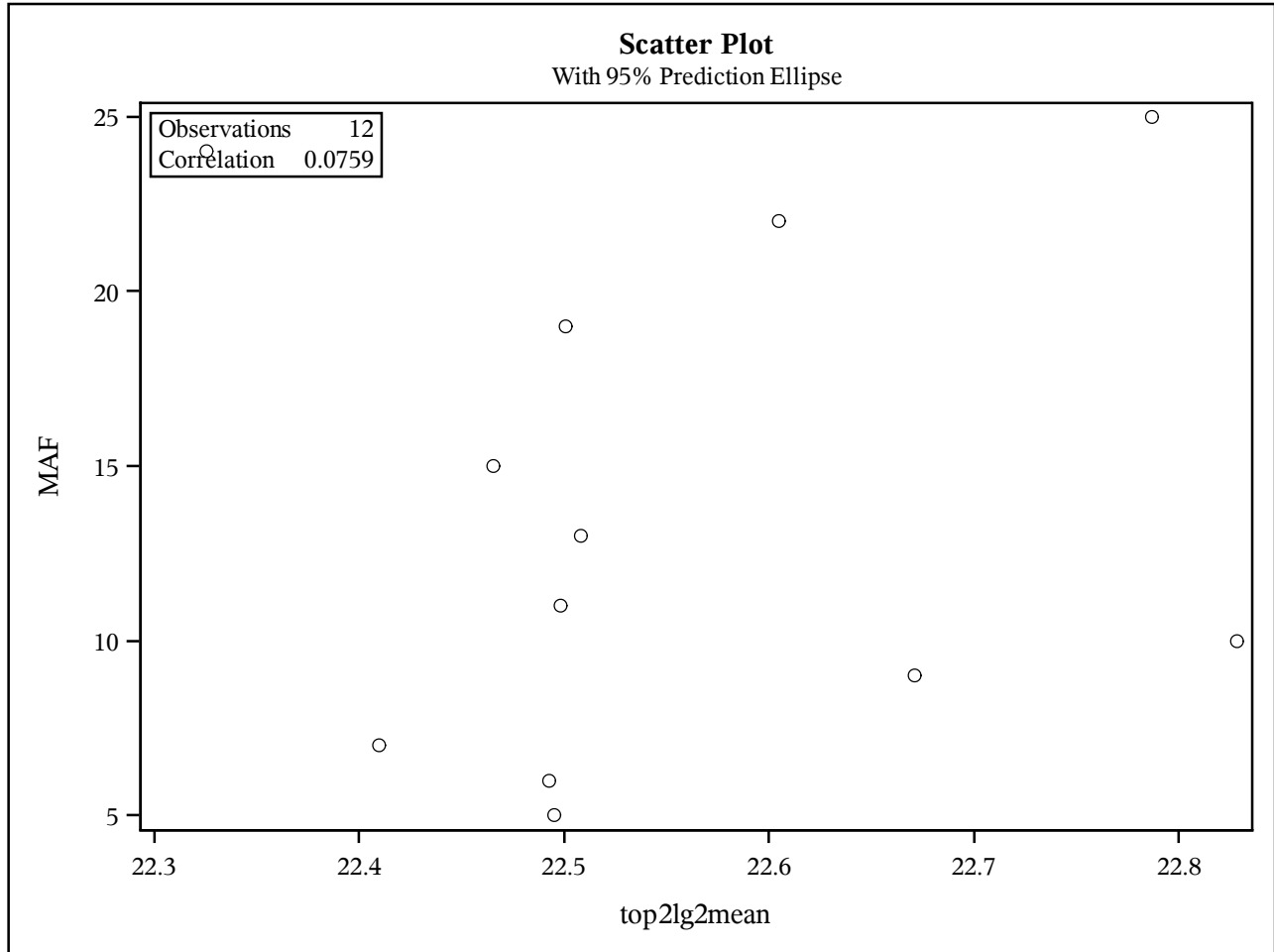
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.07588	0.07603	0.00345	0.07245	-0.523203	0.620552	0.8196

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=AHSG





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=APLP1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	23.16222	0.29325	277.94665	22.65640	23.64982
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

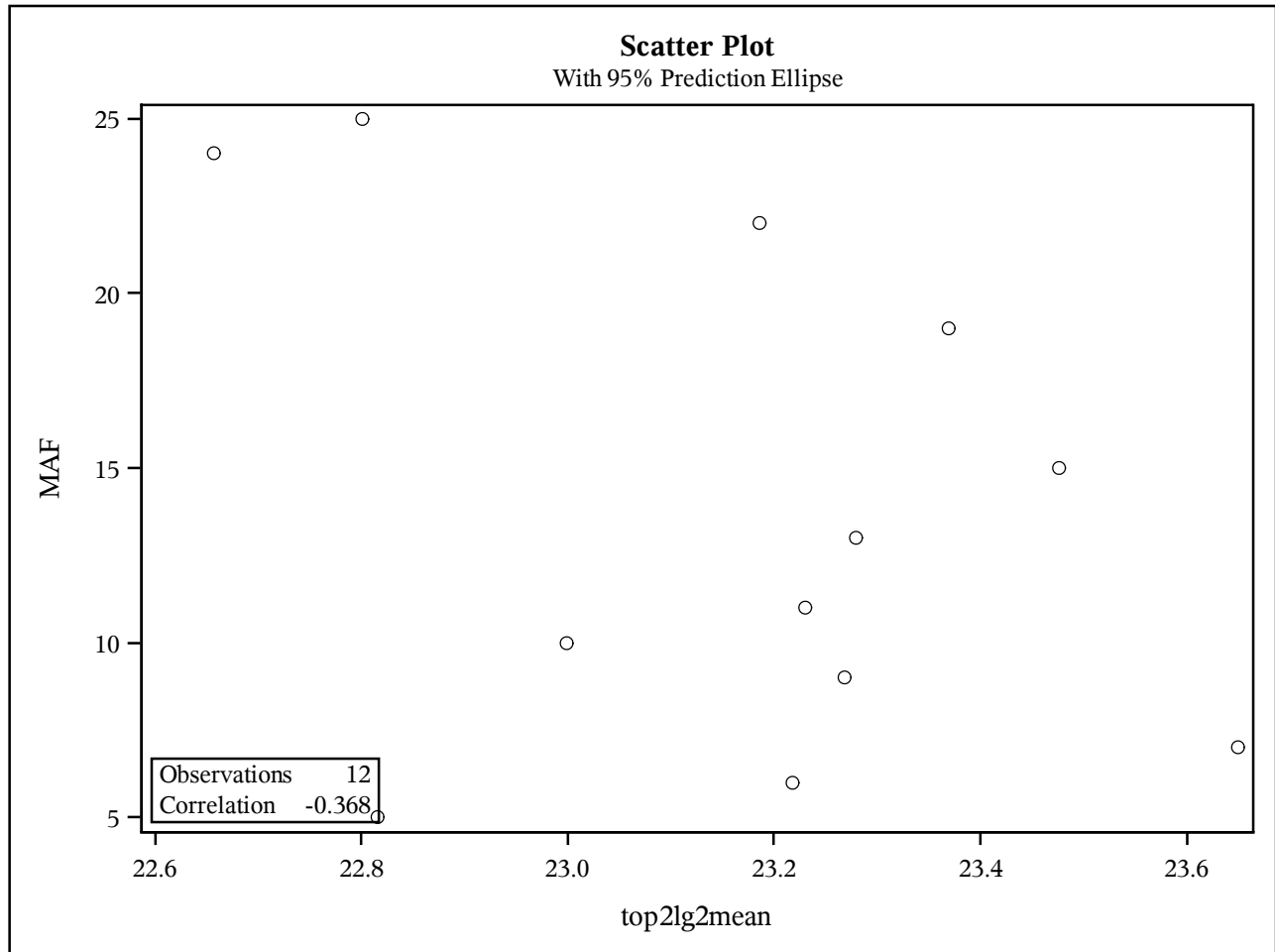
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.36811 0.2391
MAF	-0.36811 0.2391	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.36811	-0.38623	-0.01673	-0.35356	-0.771014	0.276437	0.2466

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=APLP1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=APOA1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	25.58229	0.22491	306.98745	25.28807	25.94263
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.15545 0.6295
MAF	0.15545 0.6295	1.00000

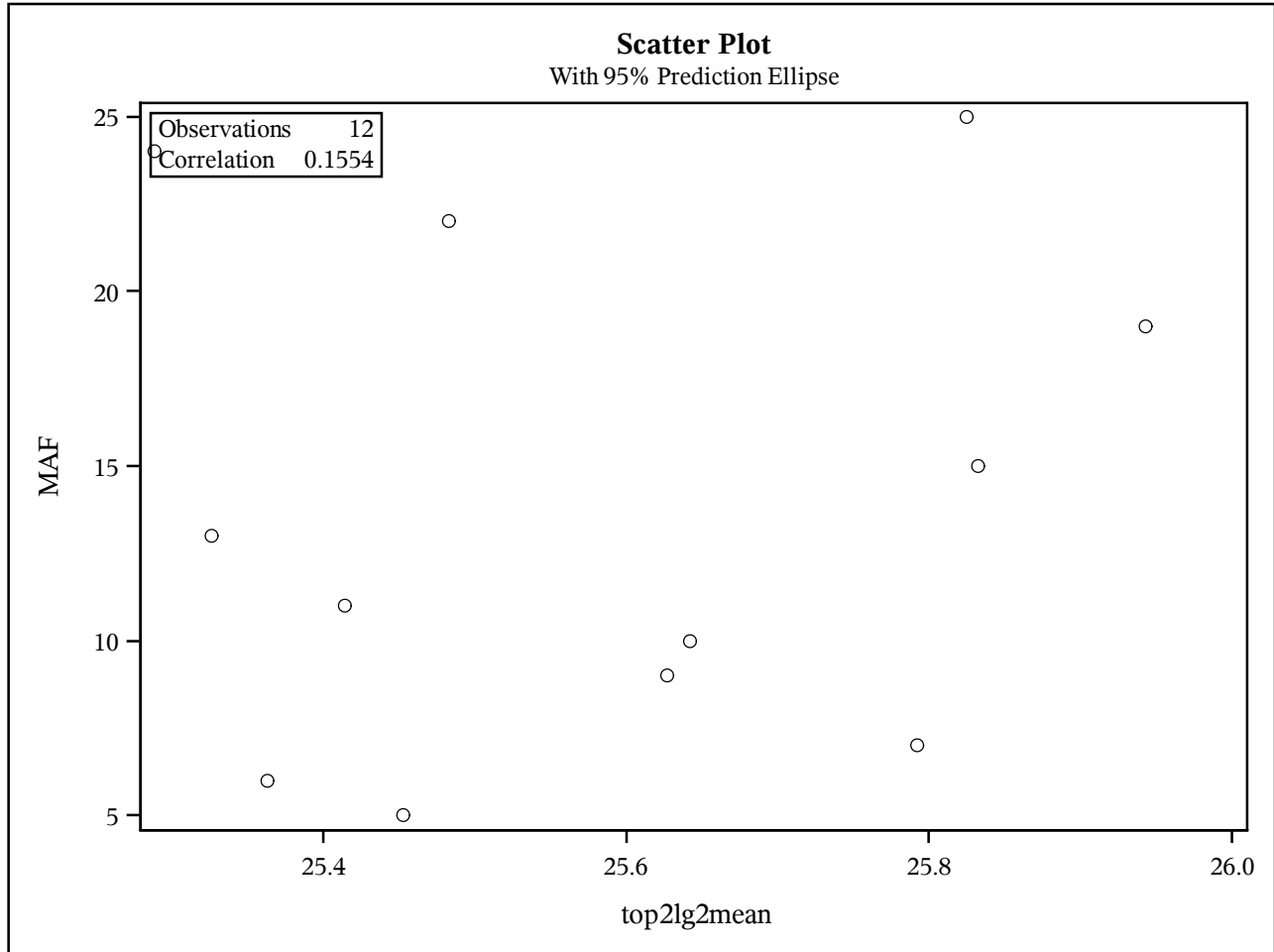
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.15545	0.15672	0.00707	0.14854	-0.464998	0.665696	0.6382

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=APOA1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=APOA4

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	21.32405	0.37275	255.88859	20.64906	21.96869
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

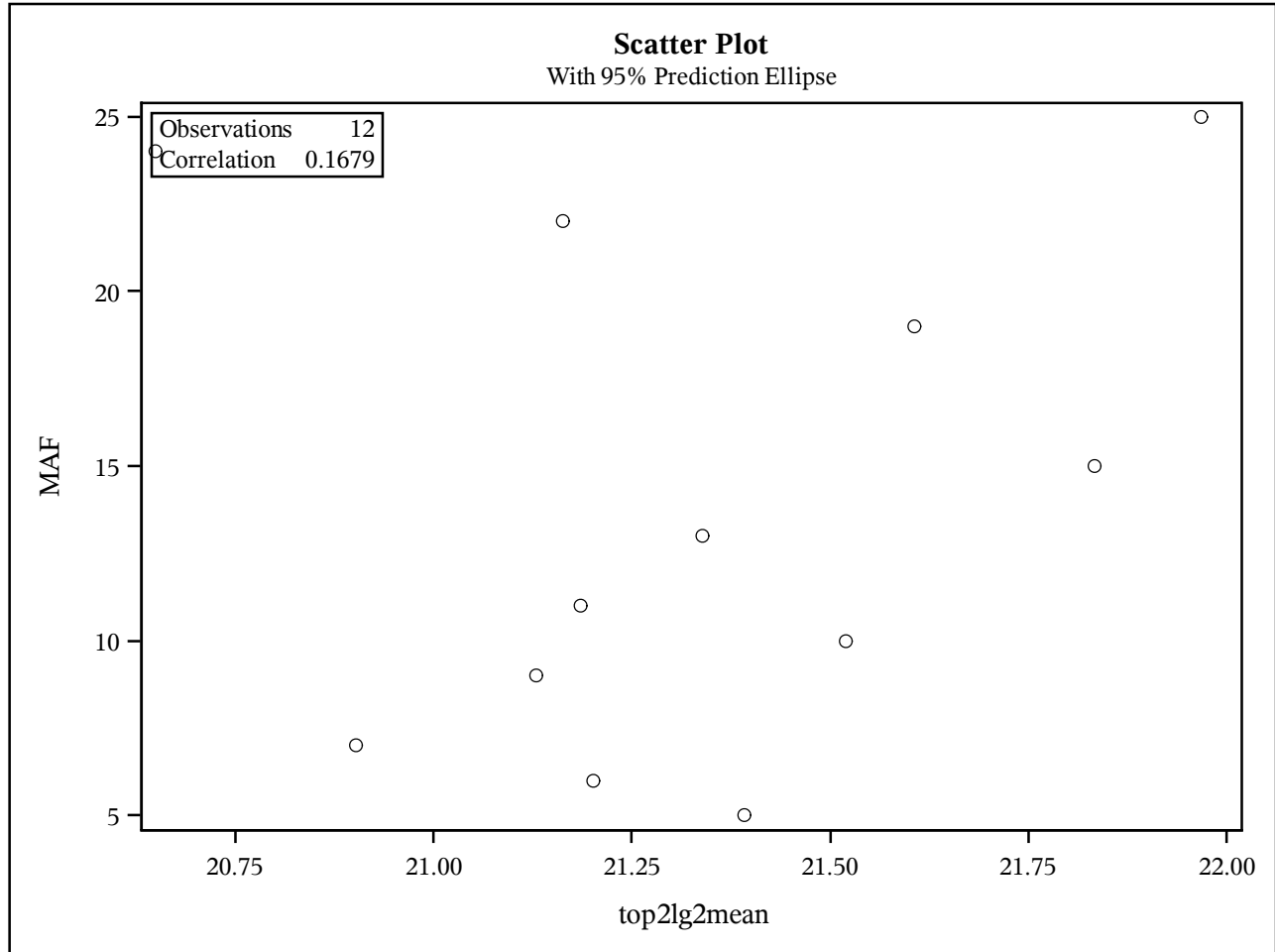
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.16787 0.6020
MAF	0.16787 0.6020	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.16787	0.16948	0.00763	0.16045	-0.455387	0.672431	0.6112

**Correlation  $C_{pool}$  top2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=APOA4



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=APOD

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	21.87122	0.34024	262.45467	21.17123	22.36336
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

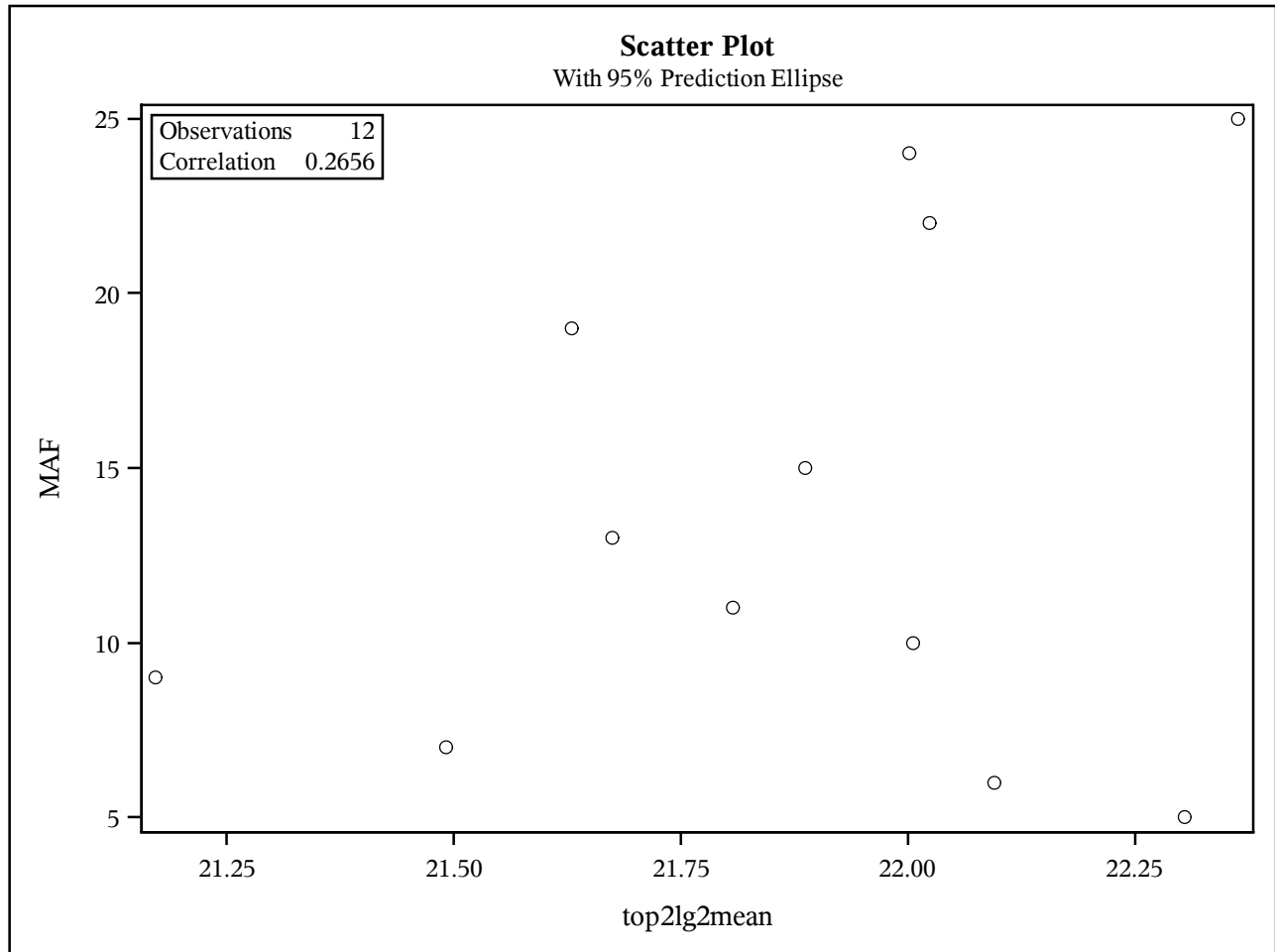
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.26564 0.4040
MAF	0.26564 0.4040	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.26564	0.27216	0.01207	0.25438	-0.374145	0.722764	0.4142

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=APOD





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=APOE

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	23.90888	0.30086	286.90650	23.33682	24.38528
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

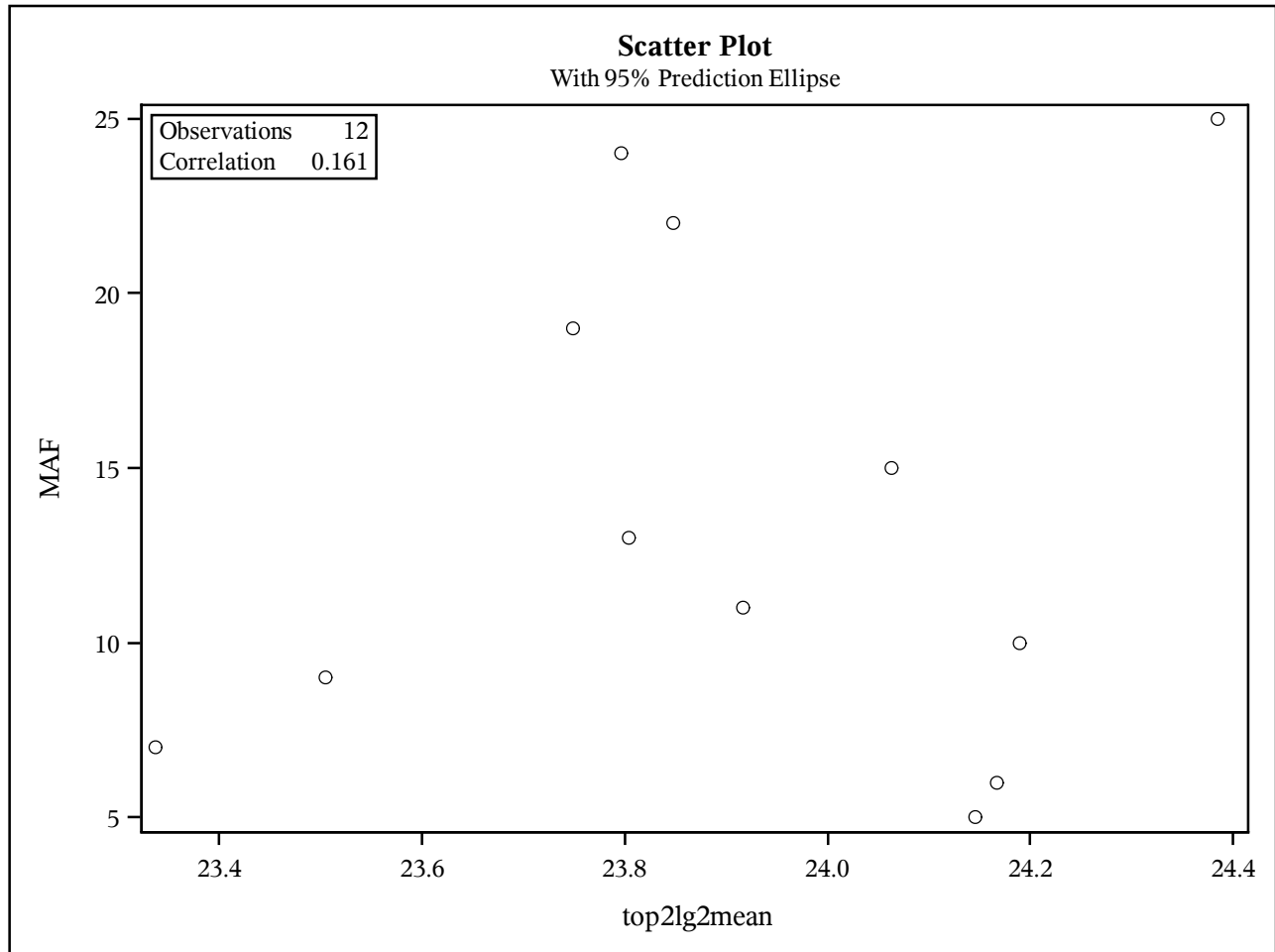
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.16097 0.6172
MAF	0.16097 0.6172	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.16097	0.16238	0.00732	0.15384	-0.460742	0.668701	0.6261

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=APOE



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=APOH

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	22.29174	0.23615	267.50086	21.90547	22.59521
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

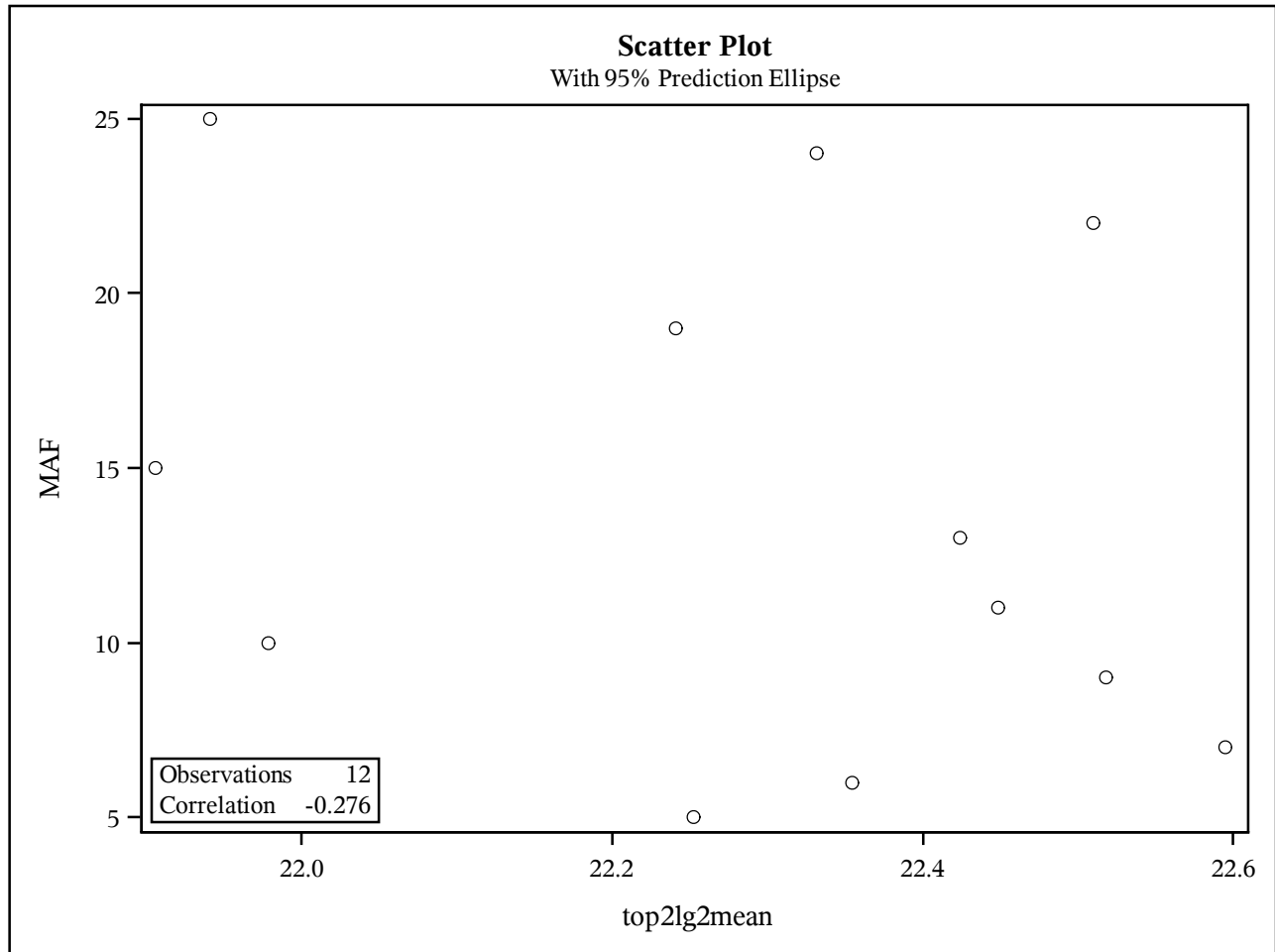
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.27647 0.3844
MAF	-0.27647 0.3844	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.27647	-0.28385	-0.01257	-0.26482	-0.728071	0.364472	0.3945

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=APOH



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=APP

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	22.01715	0.31782	264.20575	21.17932	22.35052
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

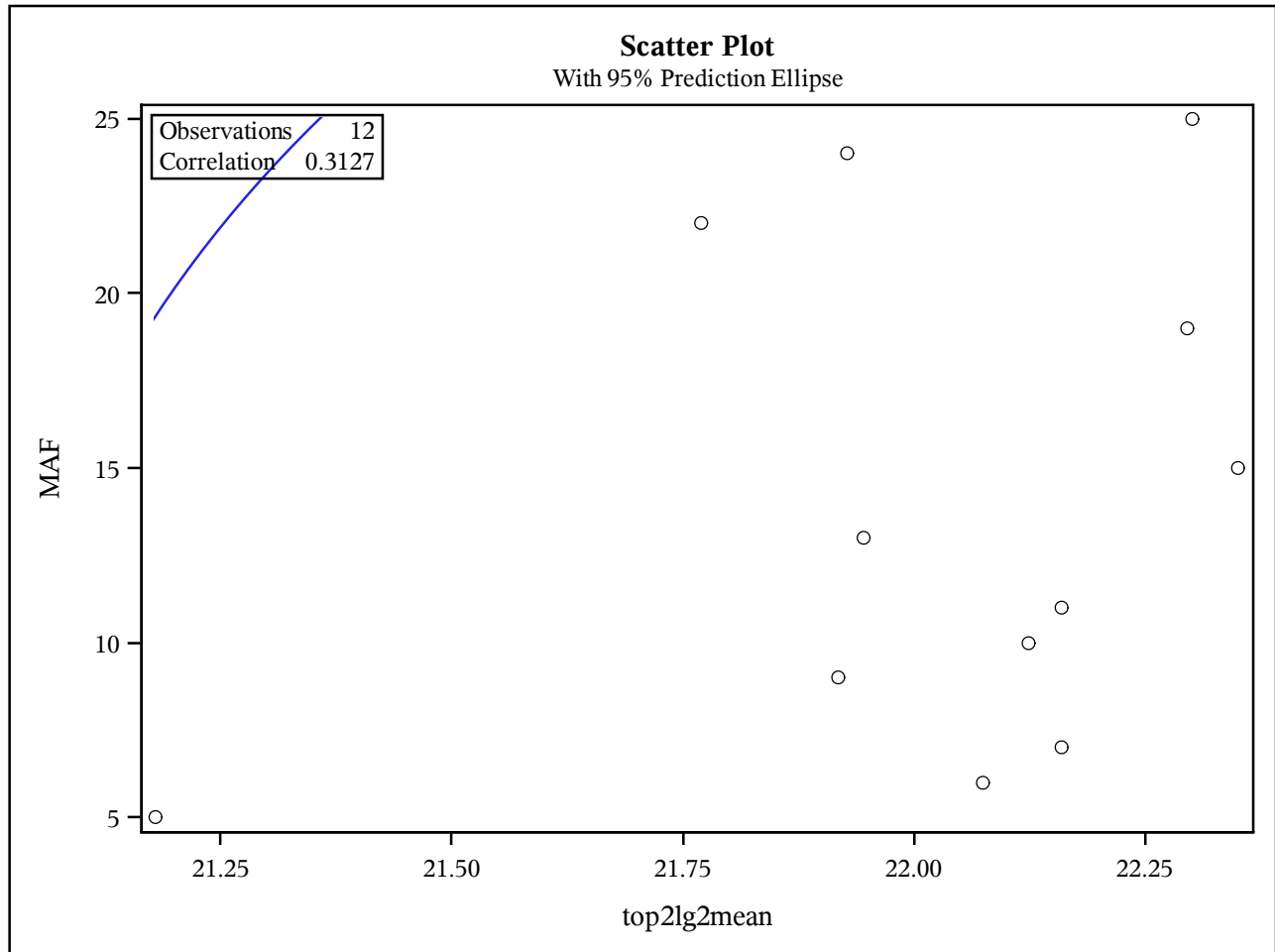
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.31268 0.3224
MAF	0.31268 0.3224	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.31268	0.32351	0.01421	0.29980	-0.331064	0.745443	0.3318

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=APP



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=AZGP1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	21.82737	0.10820	261.92846	21.65513	22.02868
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

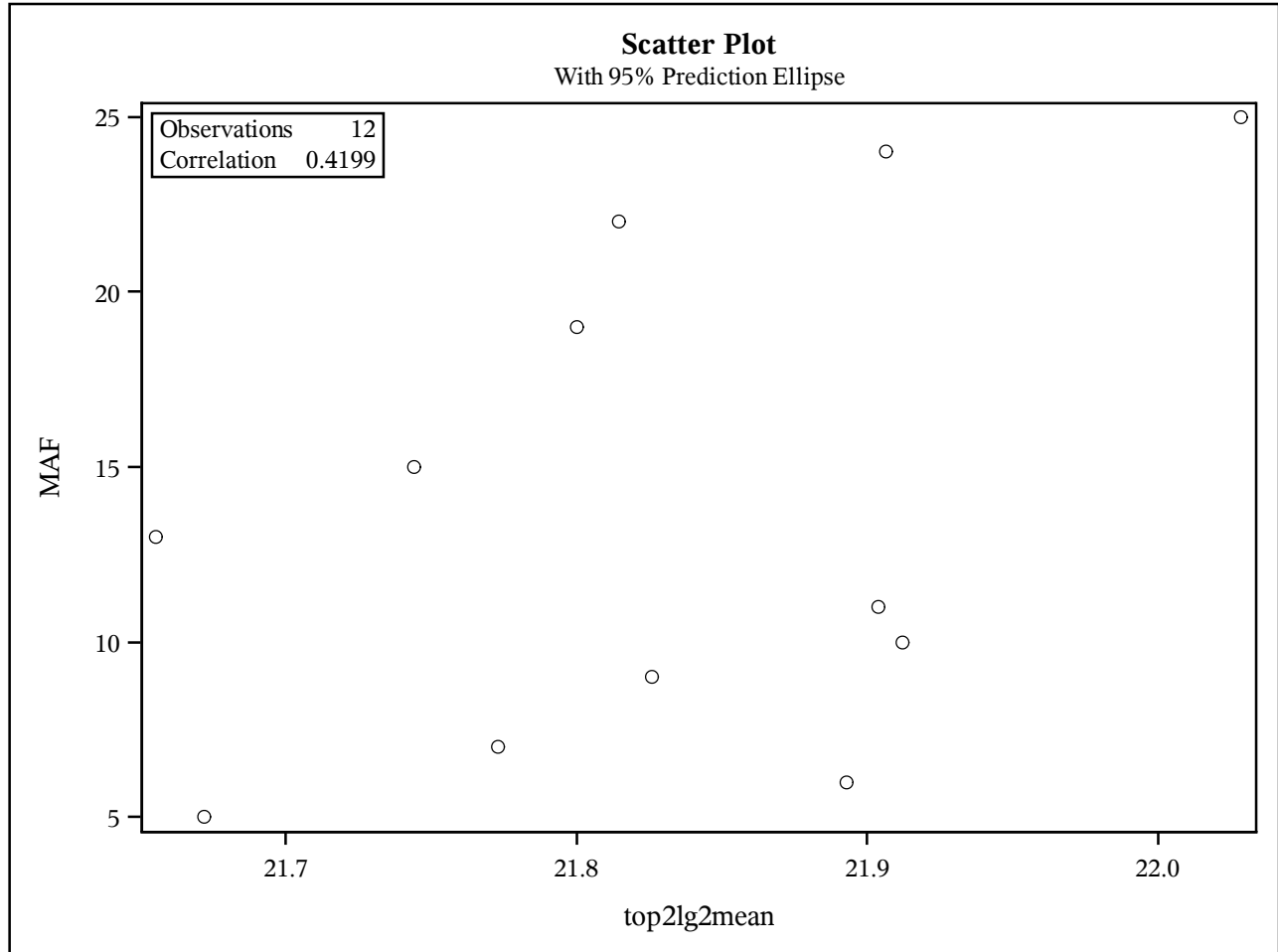
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.41986 0.1742
MAF	0.41986 0.1742	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.41986	0.44752	0.01908	0.40401	-0.221173	0.793849	0.1794

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=AZGP1





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=B2M

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	23.15555	0.71637	277.86666	22.13271	24.50394
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

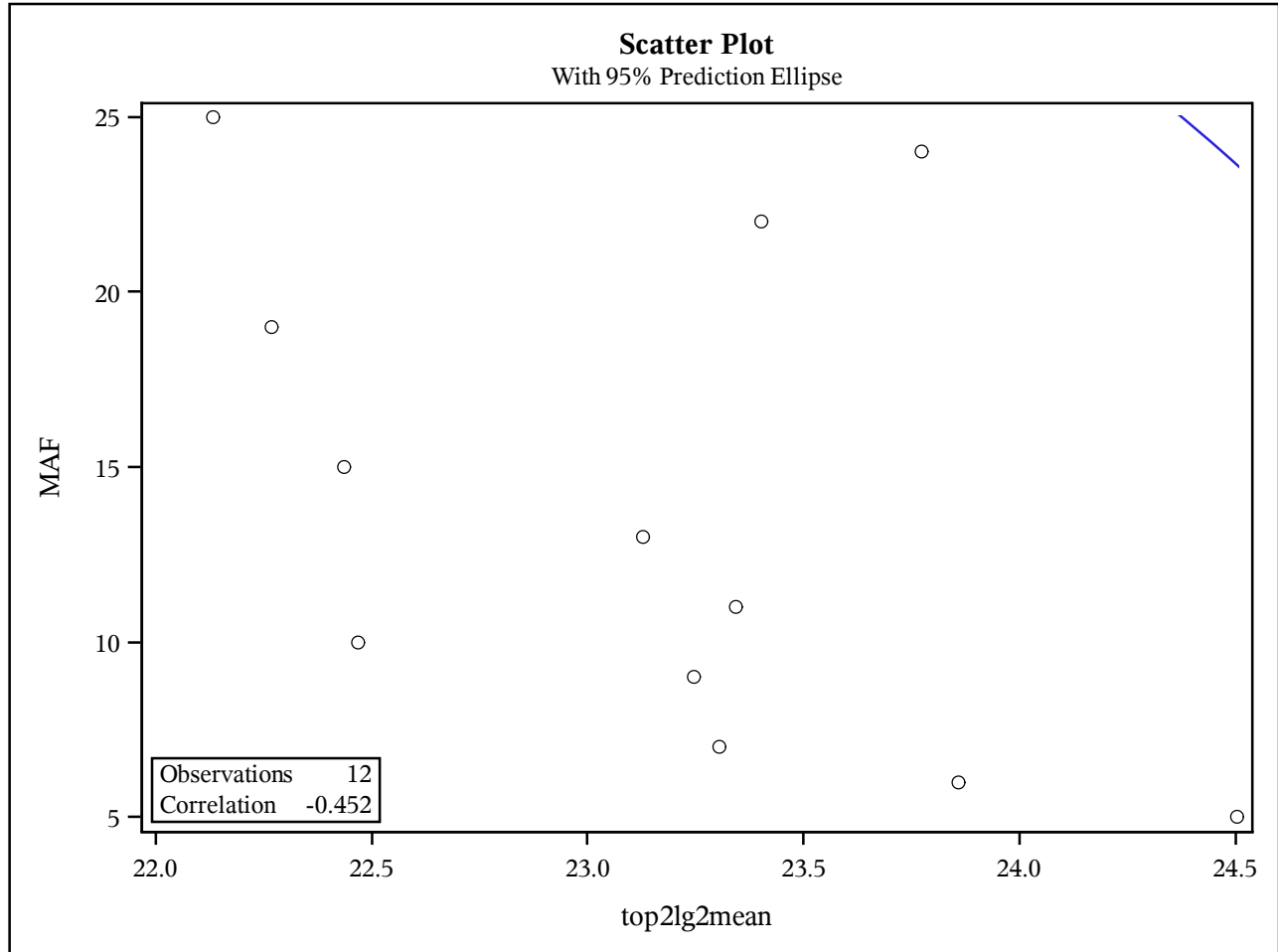
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.45162 0.1405
MAF	-0.45162 0.1405	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.45162	-0.48673	-0.02053	-0.43513	-0.807404	0.184963	0.1442

**Correlation  $C_{pool}$  top2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=B2M



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=B3GNT1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	21.33297	0.12604	255.99567	21.16096	21.59144
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

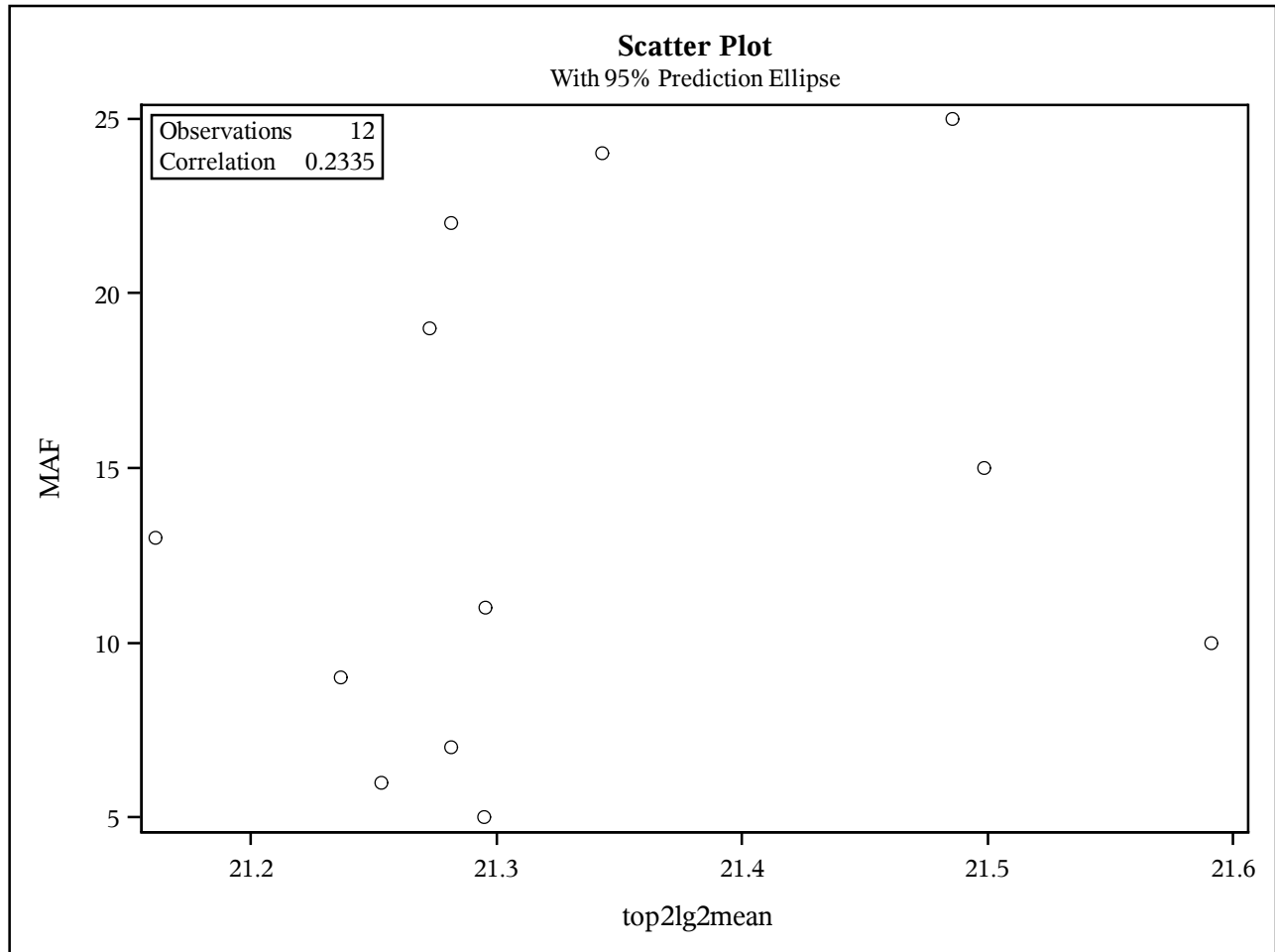
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.23350 0.4651
MAF	0.23350 0.4651	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.23350	0.23789	0.01061	0.22344	-0.402013	0.706717	0.4754

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=B3GNT1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=BCAN

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	19.52838	0.34793	234.34050	18.70516	20.06111
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

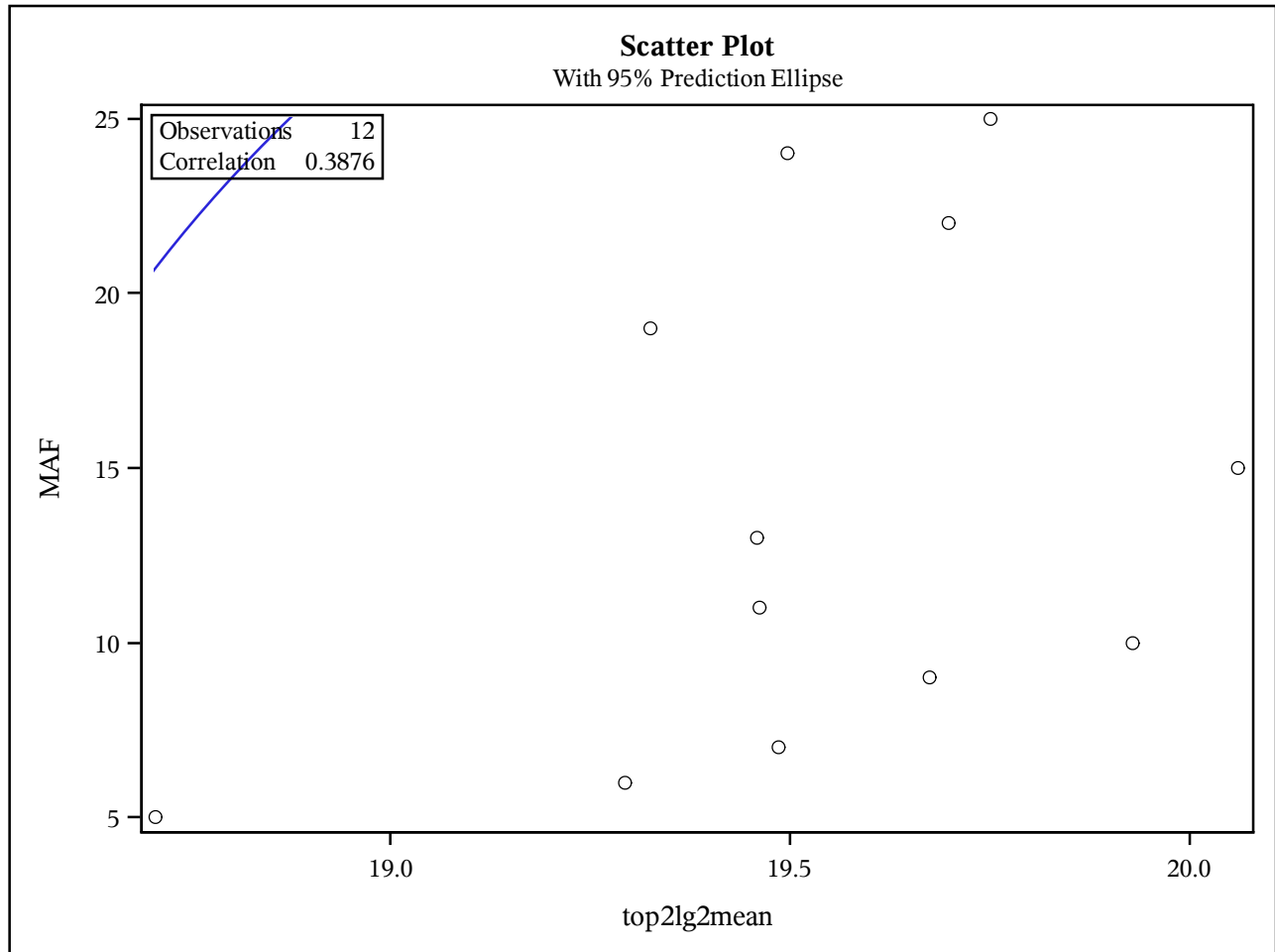
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.38761 0.2132
MAF	0.38761 0.2132	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.38761	0.40899	0.01762	0.37254	-0.256123	0.779732	0.2198

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=BCAN



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=C1S

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.39884	0.20738	244.78613	20.08916	20.75487
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.59823 0.0399
MAF	0.59823 0.0399	1.00000

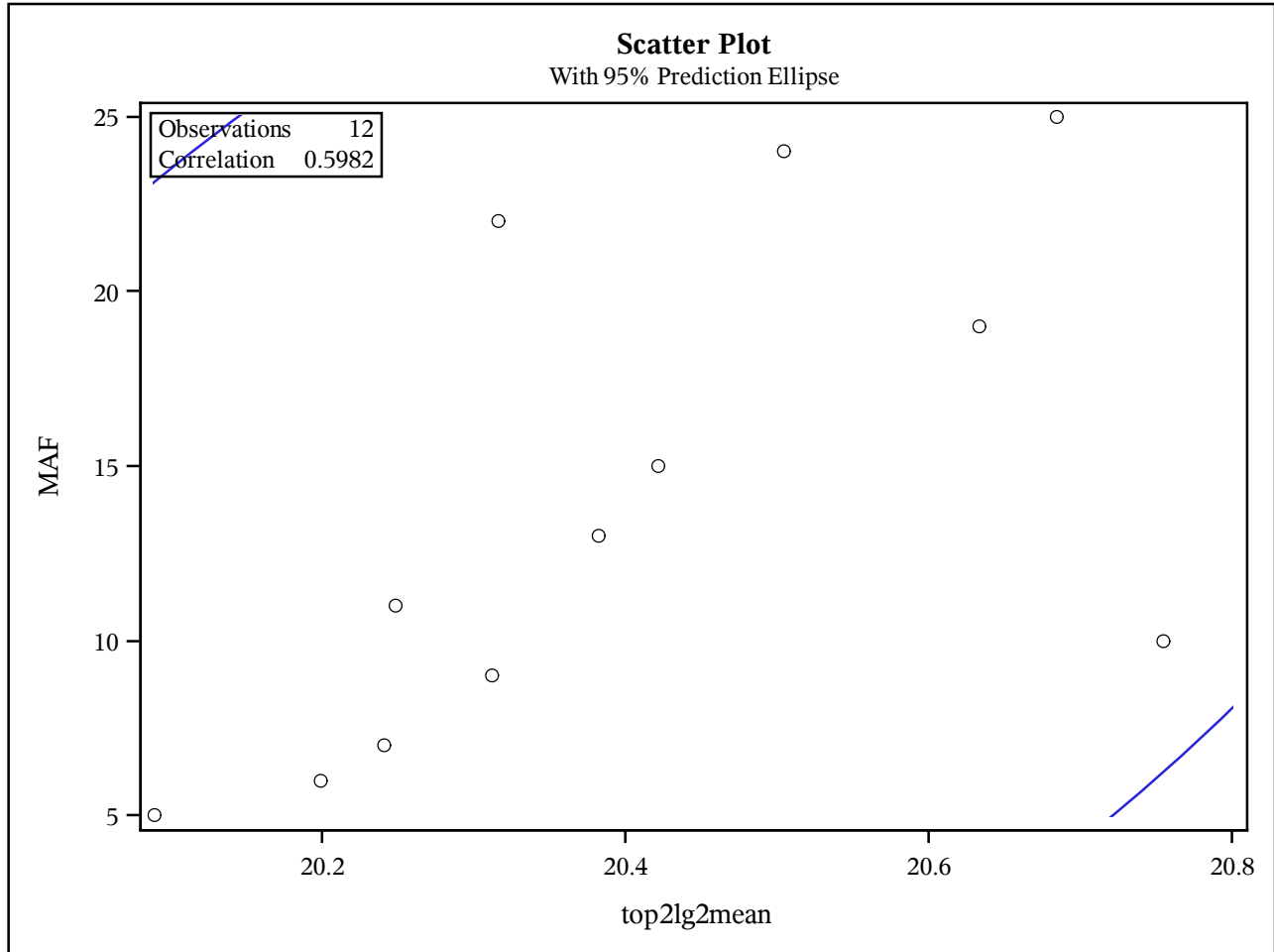
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.59823	0.69038	0.02719	0.58048	0.009869	0.865914	0.0383

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=C1S





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=C3

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	23.64879	0.24812	283.78550	23.13520	24.02660
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

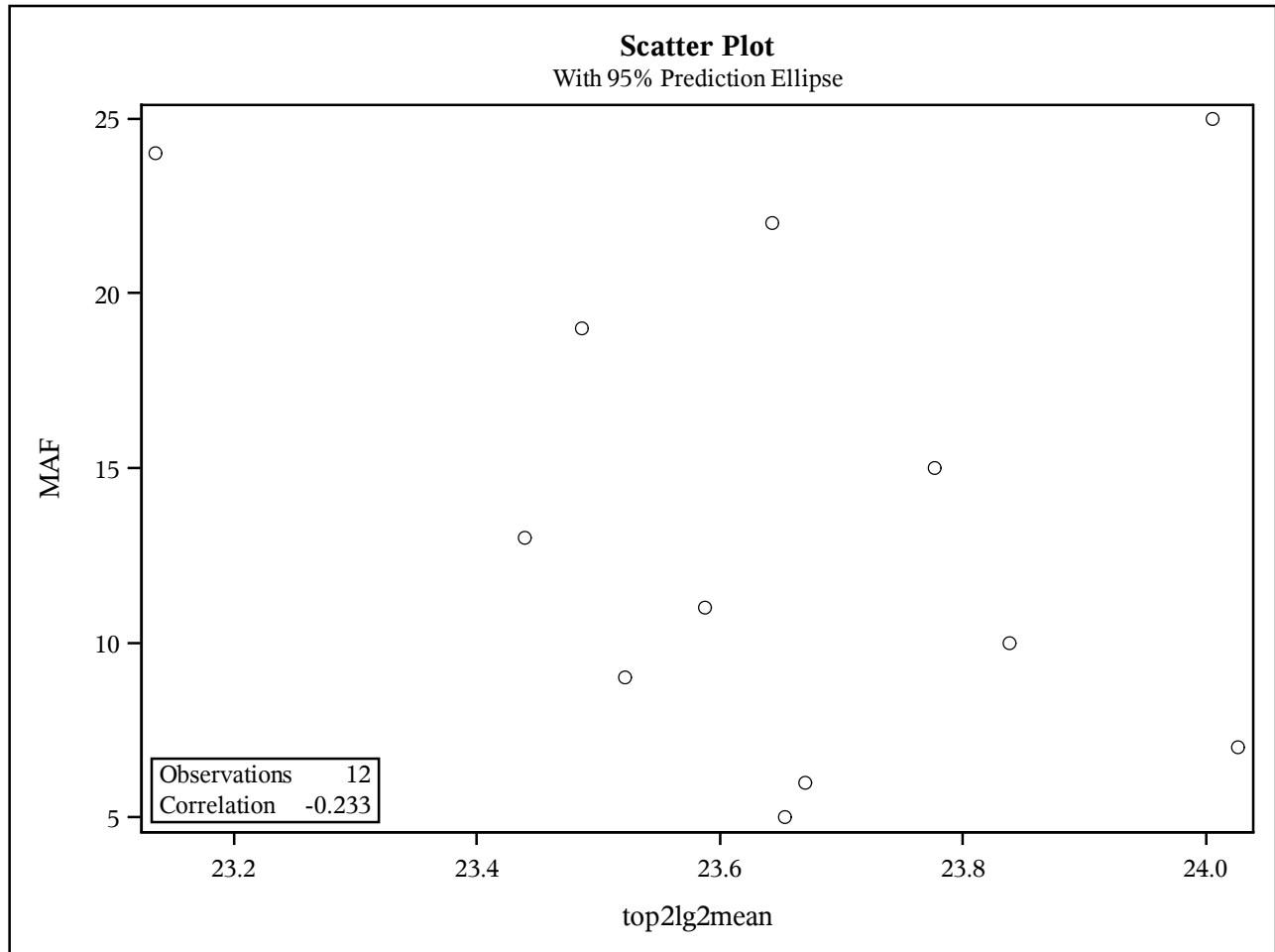
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.23343 0.4653
MAF	-0.23343 0.4653	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.23343	-0.23781	-0.01061	-0.22337	-0.706681	0.402073	0.4756

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=C3



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=C4A-C4B

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	23.25294	0.43429	279.03527	22.17556	23.98024
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.07725 0.8114
MAF	0.07725 0.8114	1.00000

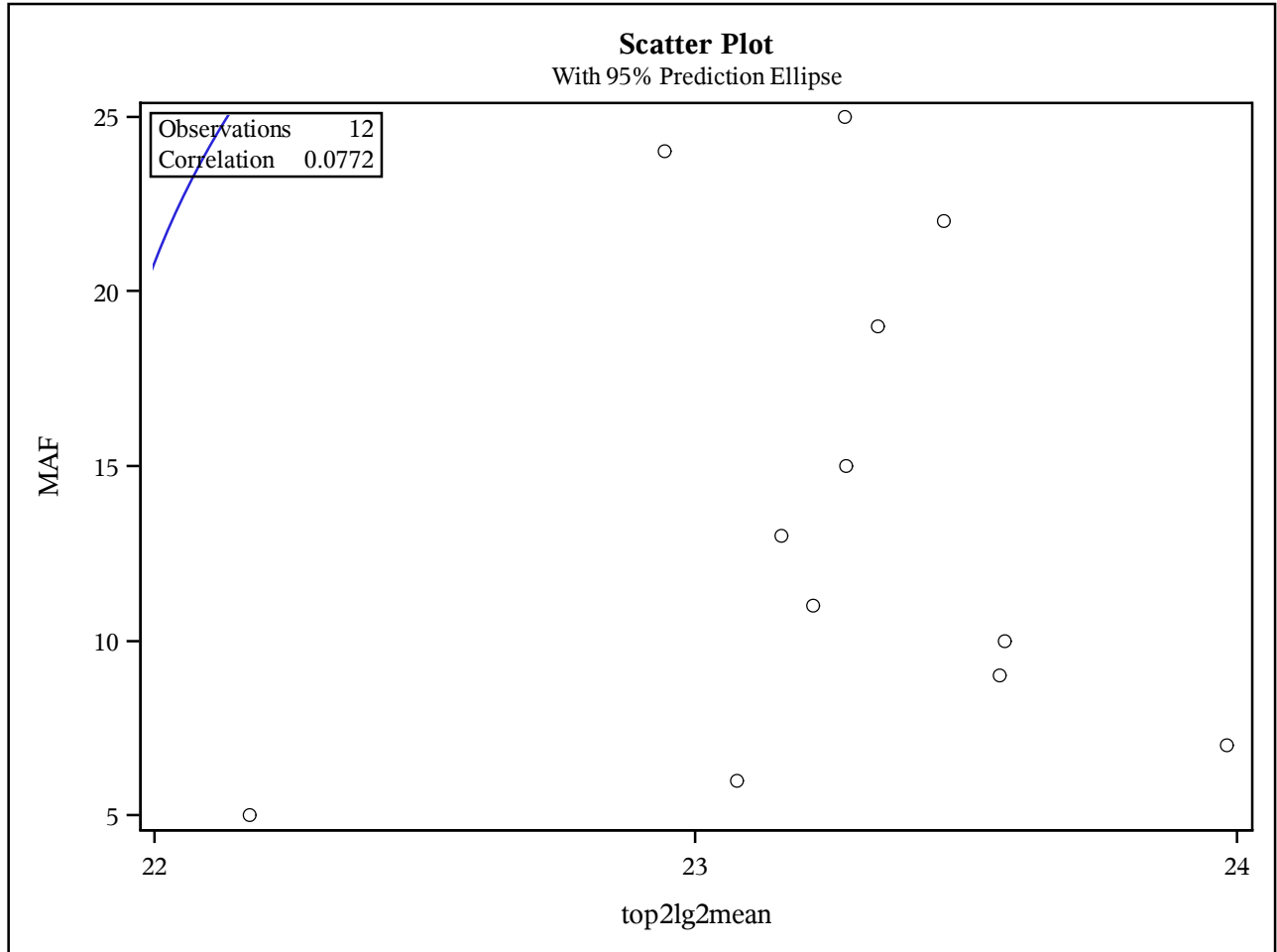
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.07725	0.07740	0.00351	0.07376	-0.522252	0.621356	0.8164

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=C4A-C4B



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=C7

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	19.42969	0.32606	233.15628	18.96587	19.88187
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.14164 0.6606
MAF	0.14164 0.6606	1.00000

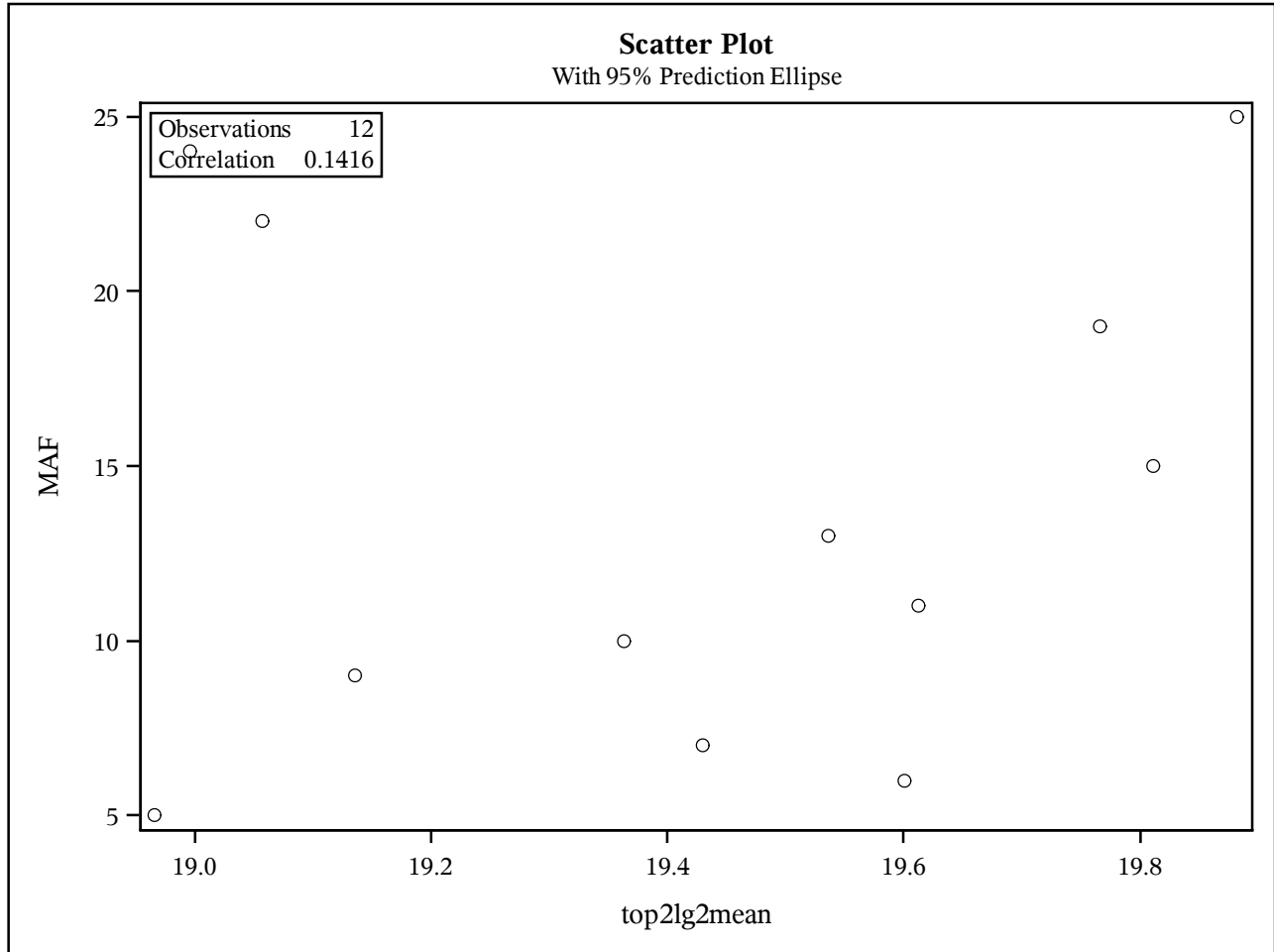
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.14164	0.14259	0.00644	0.13532	-0.475509	0.658113	0.6688

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=C7



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CD14

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	21.00887	0.30714	252.10641	20.57639	21.50118
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

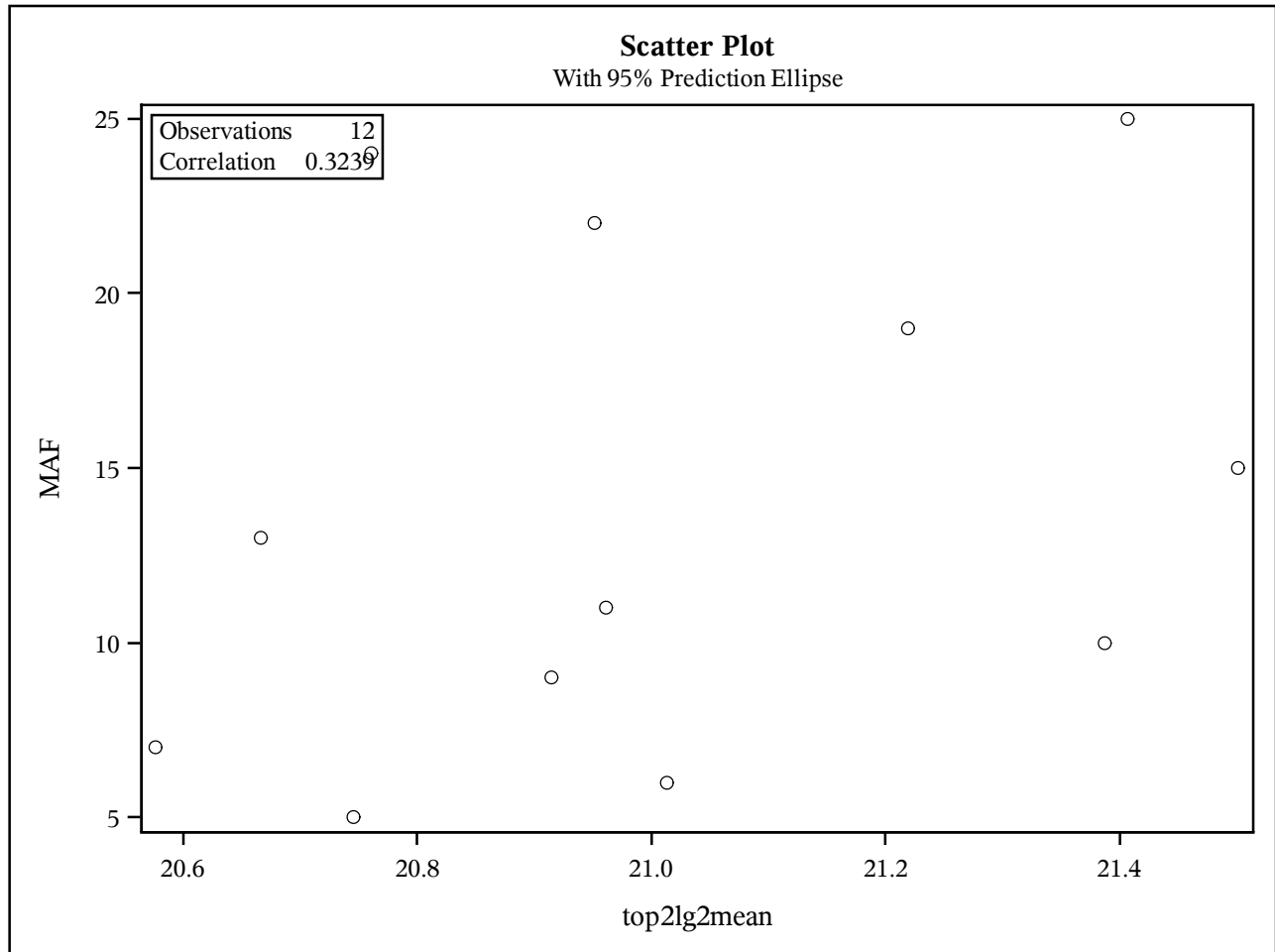
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.32389 0.3044
MAF	0.32389 0.3044	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.32389	0.33598	0.01472	0.31065	-0.320371	0.750711	0.3135

**Correlation  $C_{pool}$  top2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CD14





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CD59

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.70554	0.36595	248.46650	19.73407	21.12204
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

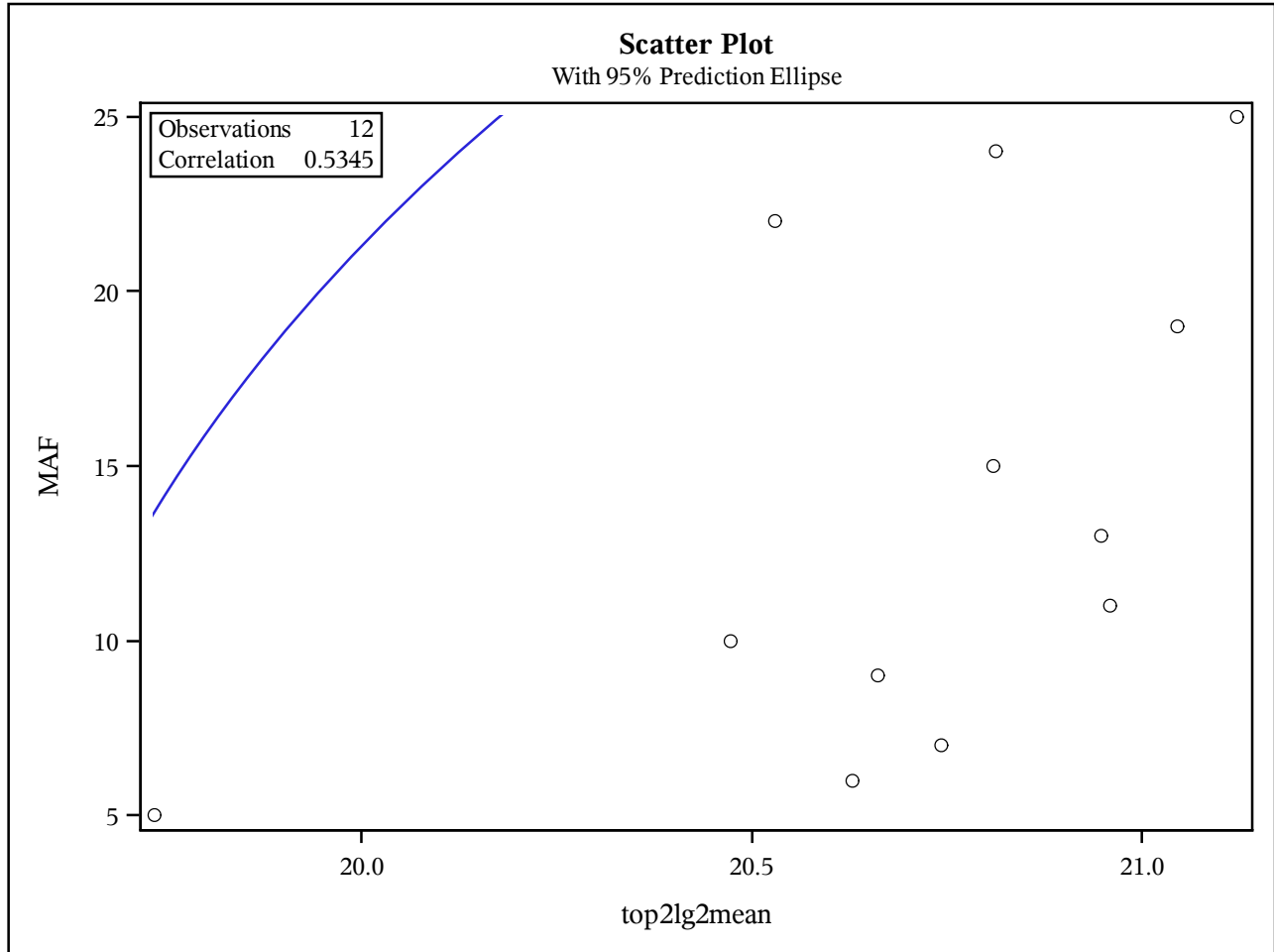
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.53446 0.0734
MAF	0.53446 0.0734	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.53446	0.59636	0.02429	0.51688	-0.081073	0.841237	0.0736

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=CD59



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CFB

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.10731	0.36953	241.28777	19.43929	20.88184
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

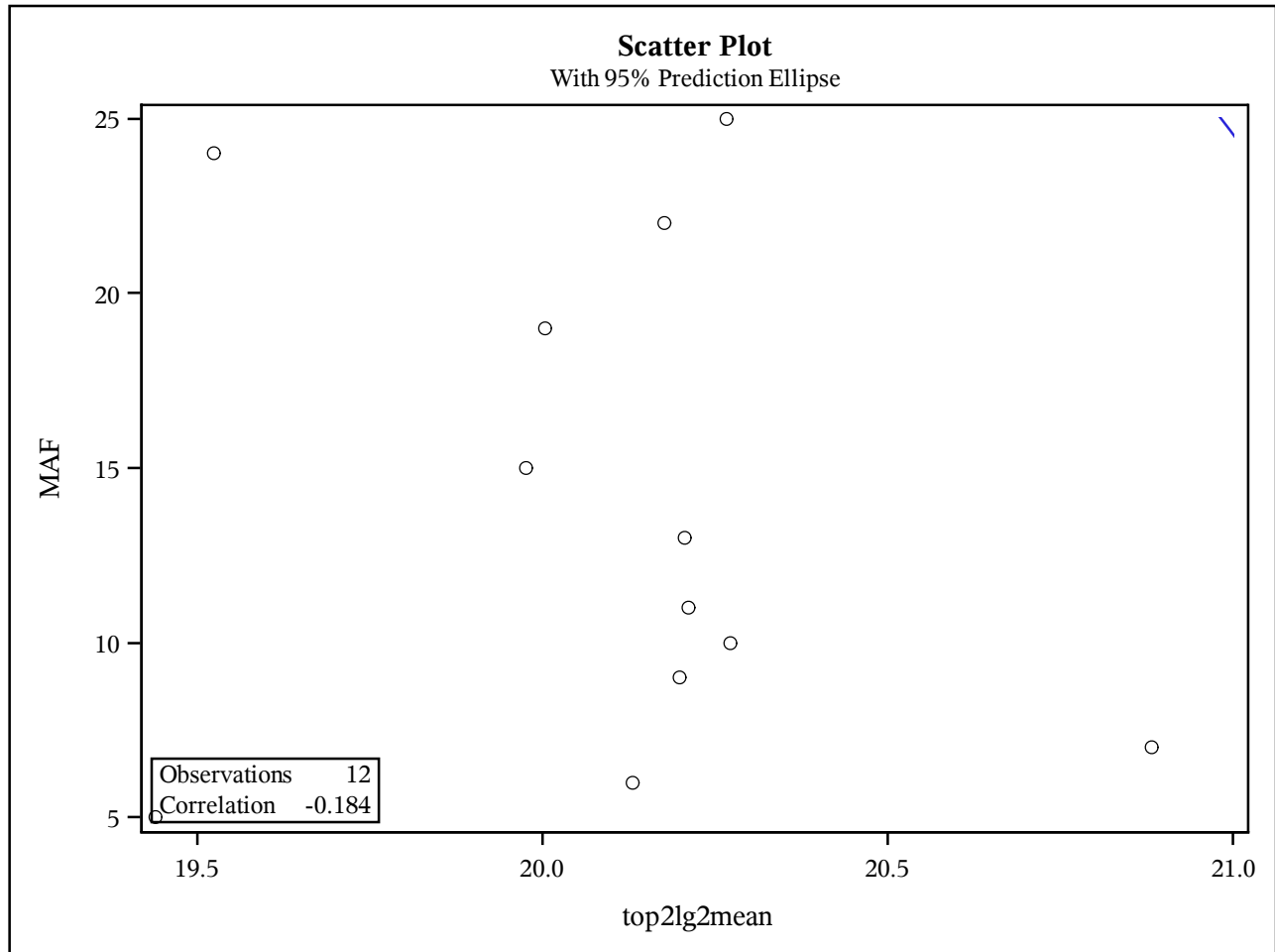
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.18351 0.5681
MAF	-0.18351 0.5681	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.18351	-0.18561	-0.00834	-0.17544	-0.680795	0.443073	0.5776

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CFB



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CFH

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.28654	0.23510	243.43848	19.71553	20.55740
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

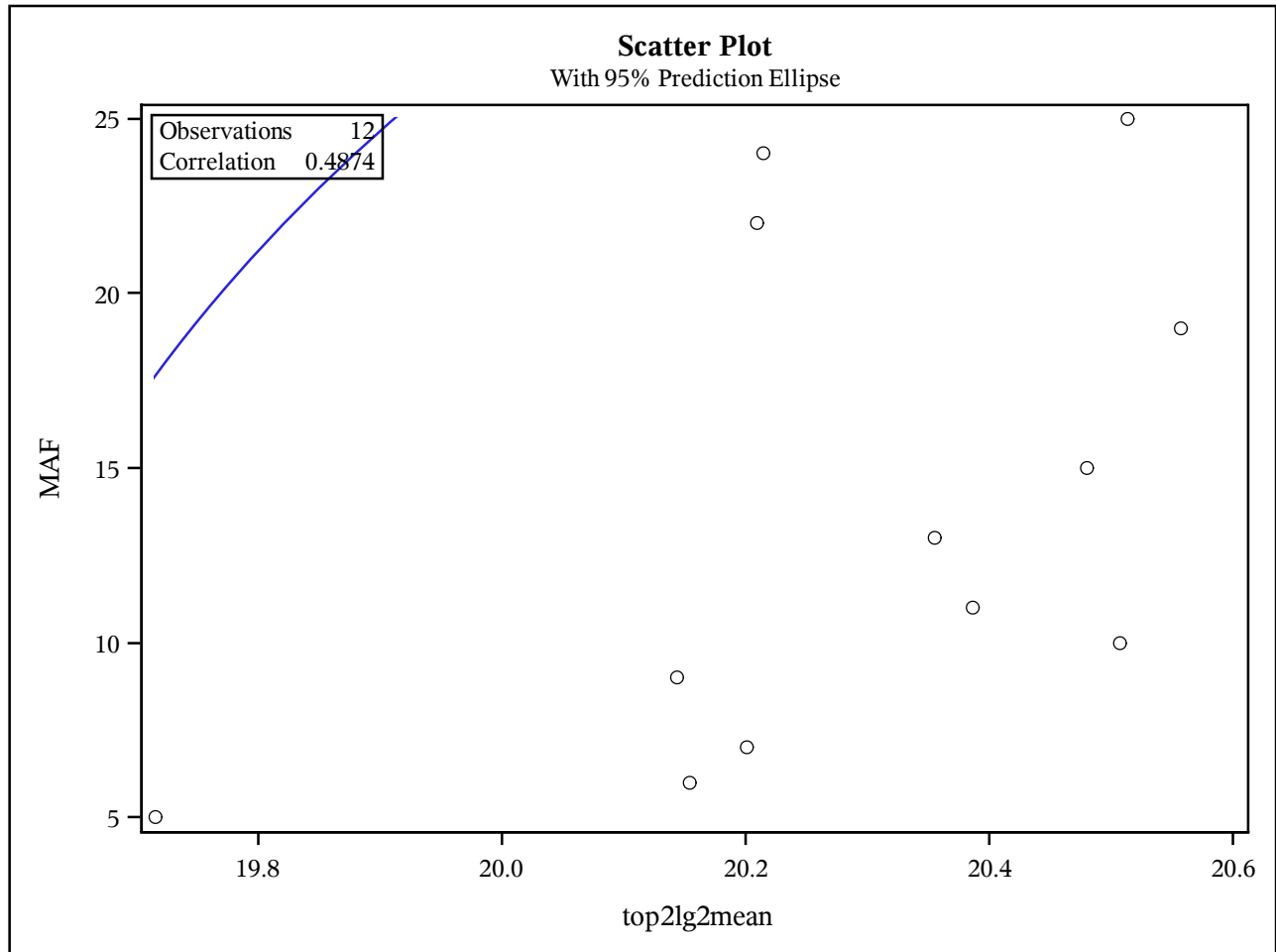
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.48744 0.1080
MAF	0.48744 0.1080	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.48744	0.53269	0.02216	0.47036	-0.141821	0.822294	0.1100

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CFH



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CHGA

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	22.61559	0.18595	271.38709	22.31285	22.88093
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.26584 0.4036
MAF	0.26584 0.4036	1.00000

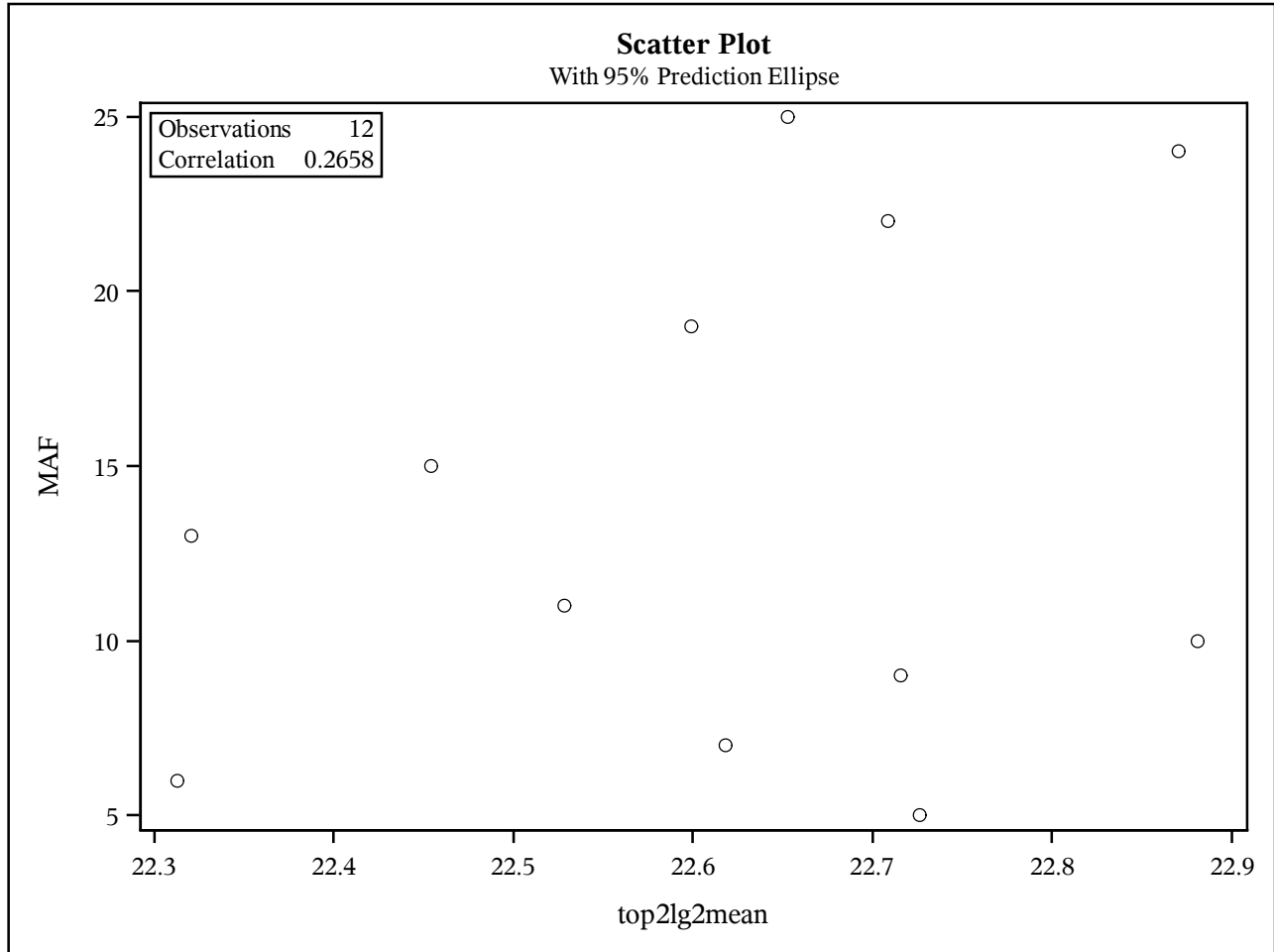
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.26584	0.27238	0.01208	0.25457	-0.373967	0.722863	0.4139

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=CHGA





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CHGB

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	22.22482	0.18428	266.69786	21.95818	22.55311
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.70940 0.0098
MAF	0.70940 0.0098	1.00000

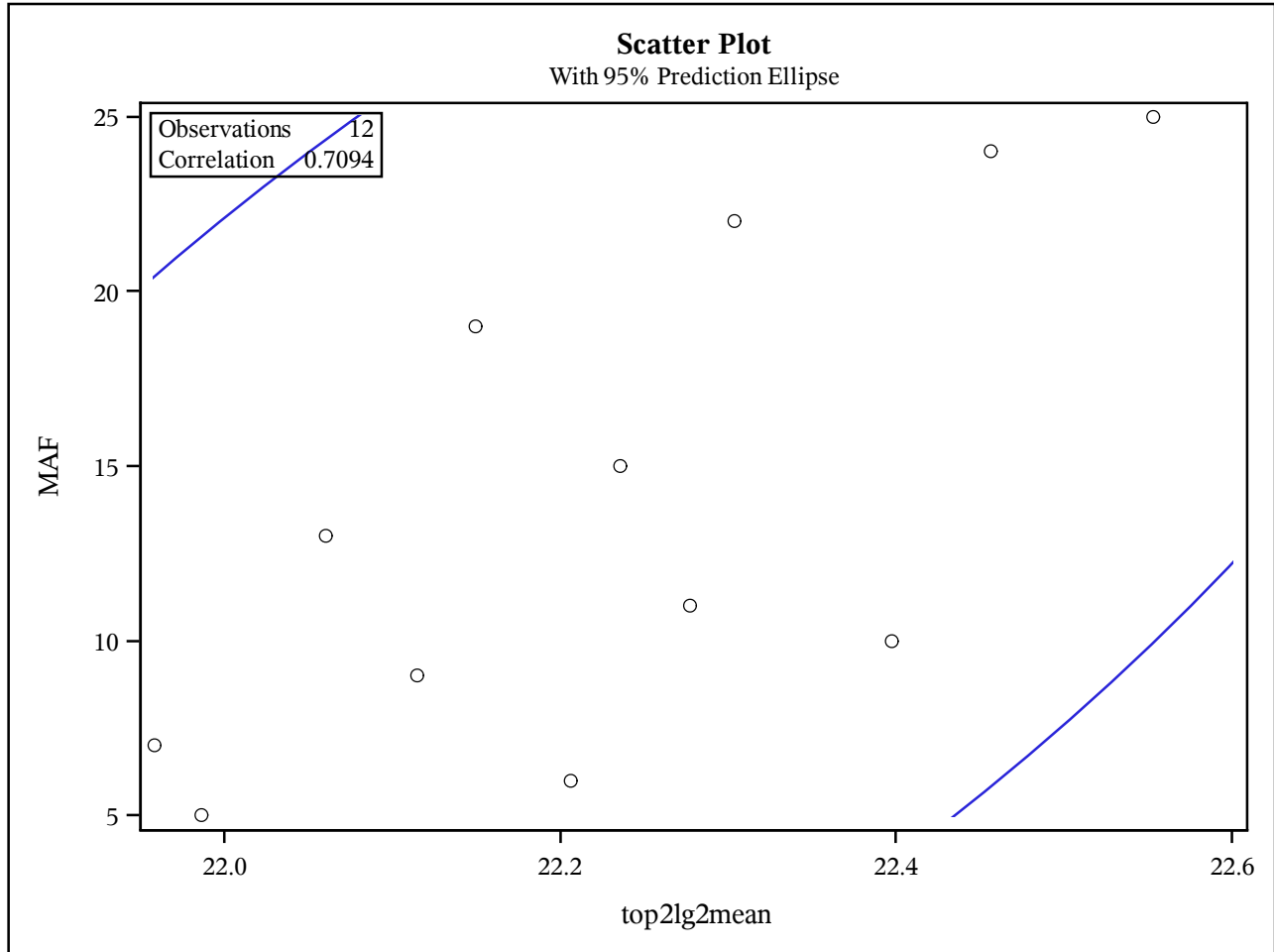
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.70940	0.88597	0.03225	0.69301	0.197765	0.906414	0.0079

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=CHGB



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CHL1

2 Variables: top2lg2mean MAF

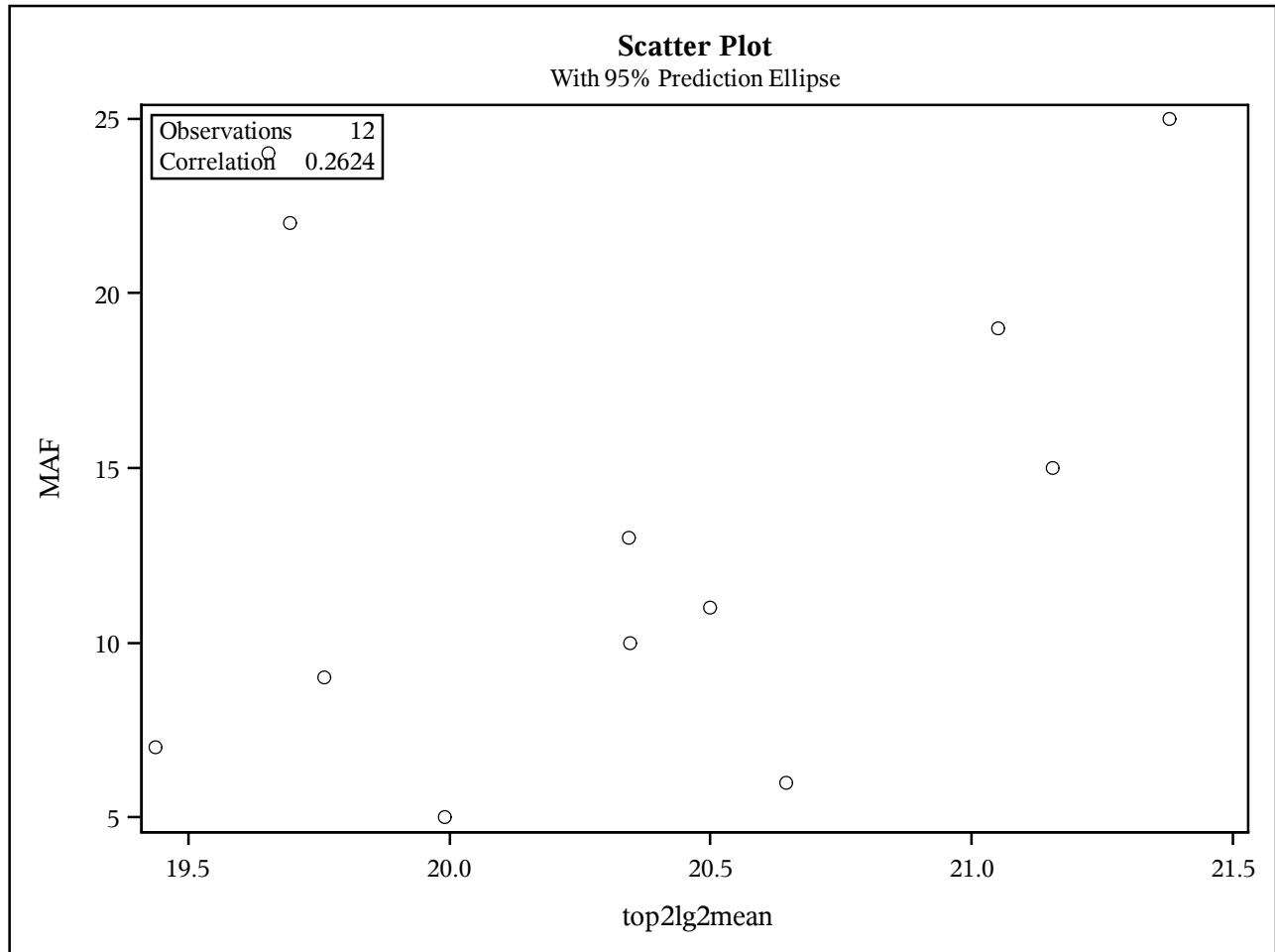
Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.32975	0.64128	243.95697	19.43727	21.37758
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.26241 0.4100
MAF	0.26241 0.4100	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.26241	0.26870	0.01193	0.25127	-0.376993	0.721177	0.4202

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CHL1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CLU

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	24.56620	0.25894	294.79441	24.03016	24.87867
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.03388 0.9168
MAF	-0.03388 0.9168	1.00000

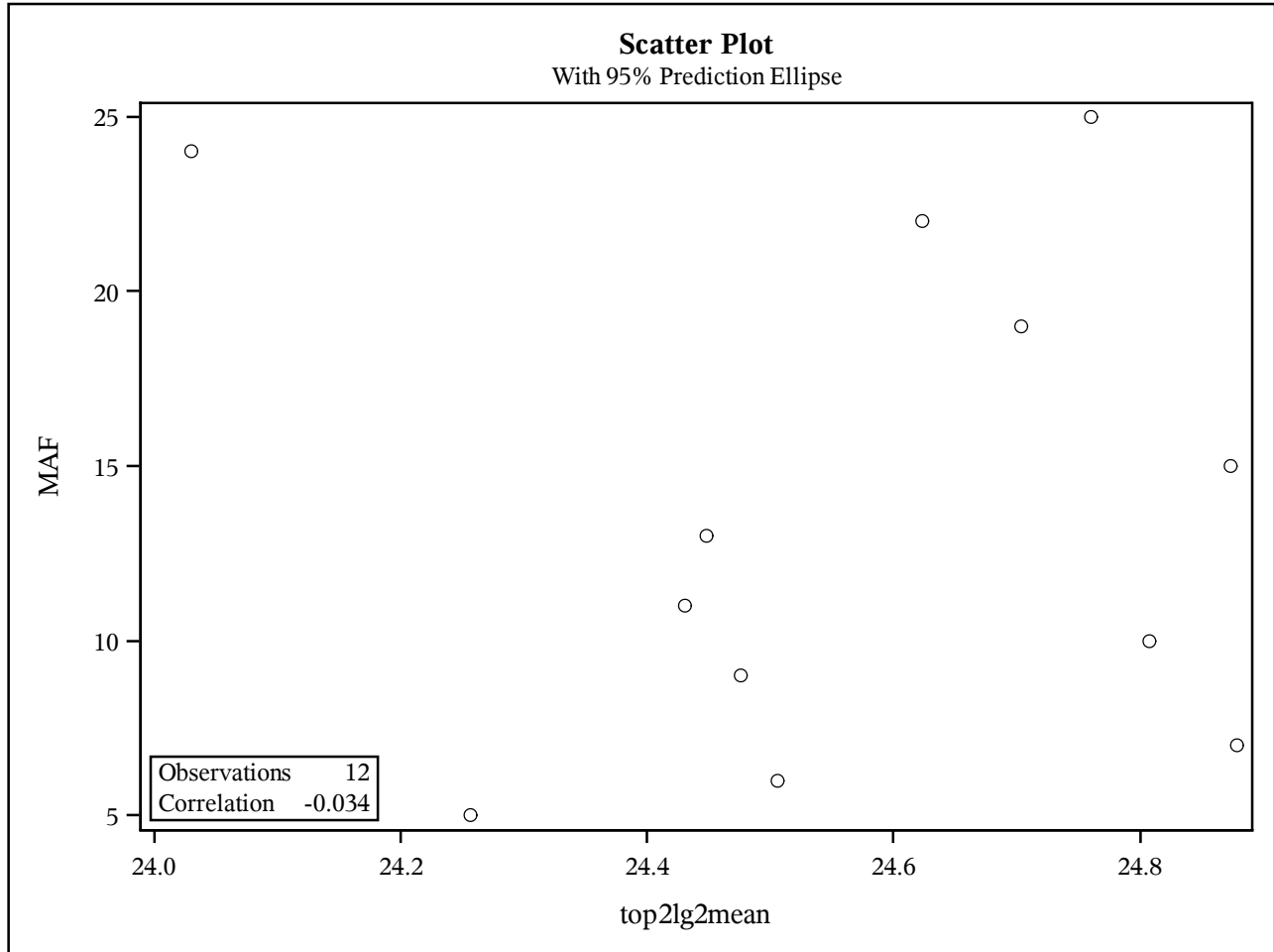
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.03388	-0.03389	-0.00154	-0.03234	-0.595193	0.551805	0.9190

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=CLU



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CNDP1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	22.80093	0.11438	273.61114	22.58143	22.93465
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

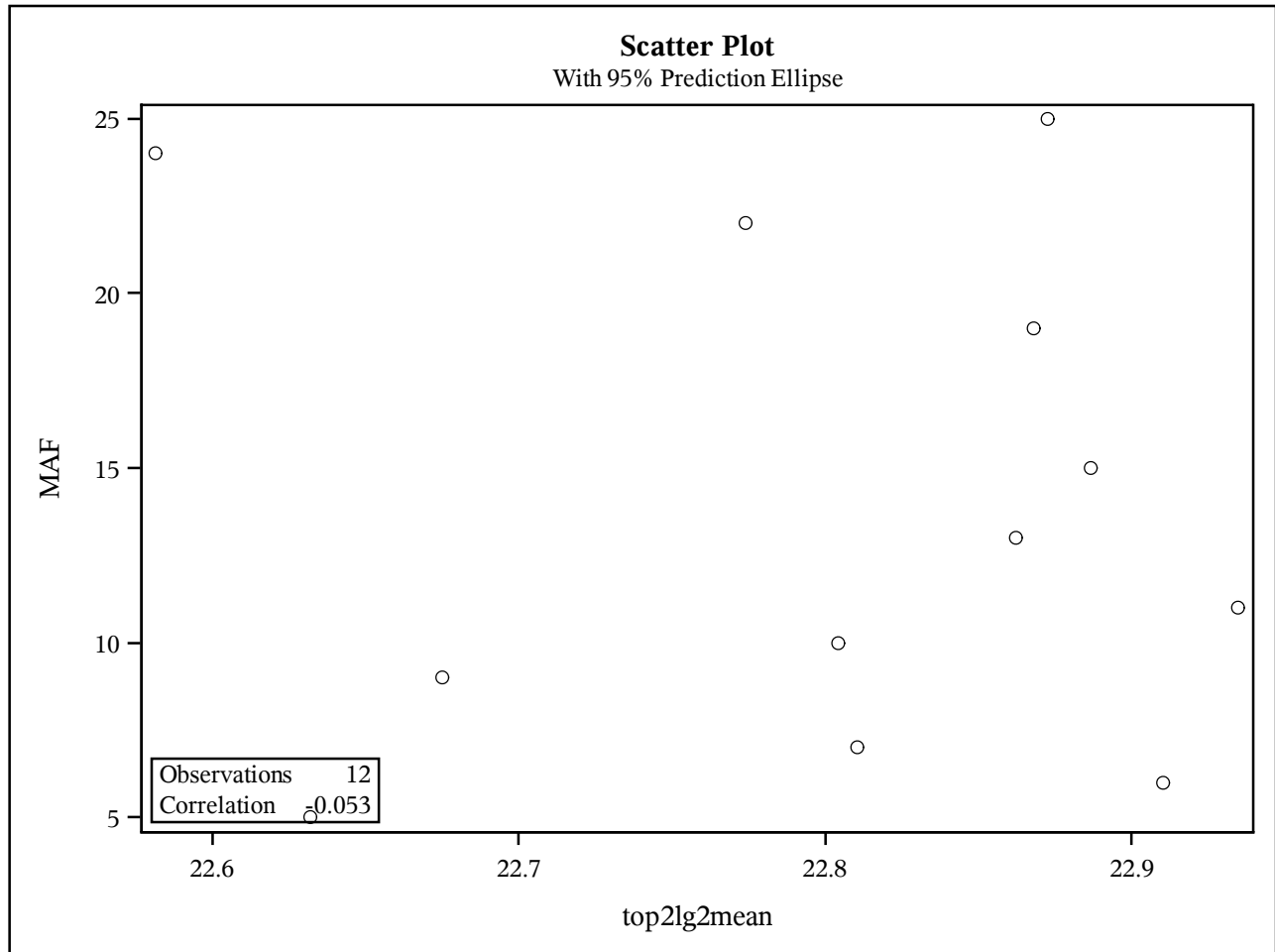
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.05252 0.8712
MAF	-0.05252 0.8712	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.05252	-0.05257	-0.00239	-0.05014	-0.606588	0.539279	0.8747

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CNDP1





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CNTN1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.00227	0.16488	240.02726	19.59967	20.23726
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

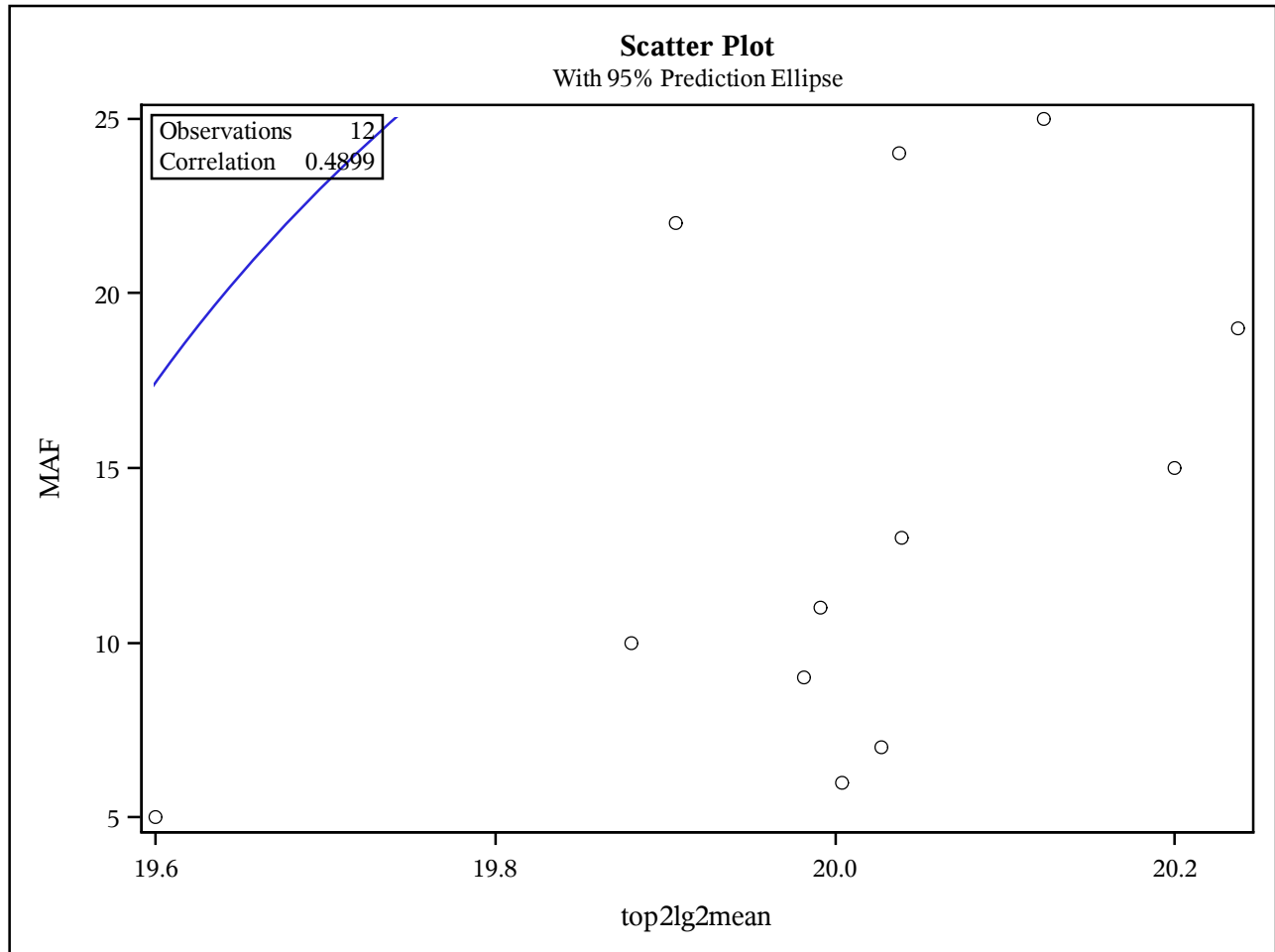
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.48987 0.1060
MAF	0.48987 0.1060	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.48987	0.53589	0.02227	0.47276	-0.138798	0.823290	0.1079

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=CNTN1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CP

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	22.55661	0.31053	270.67936	22.02298	23.05525
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.30867 0.3290
MAF	-0.30867 0.3290	1.00000

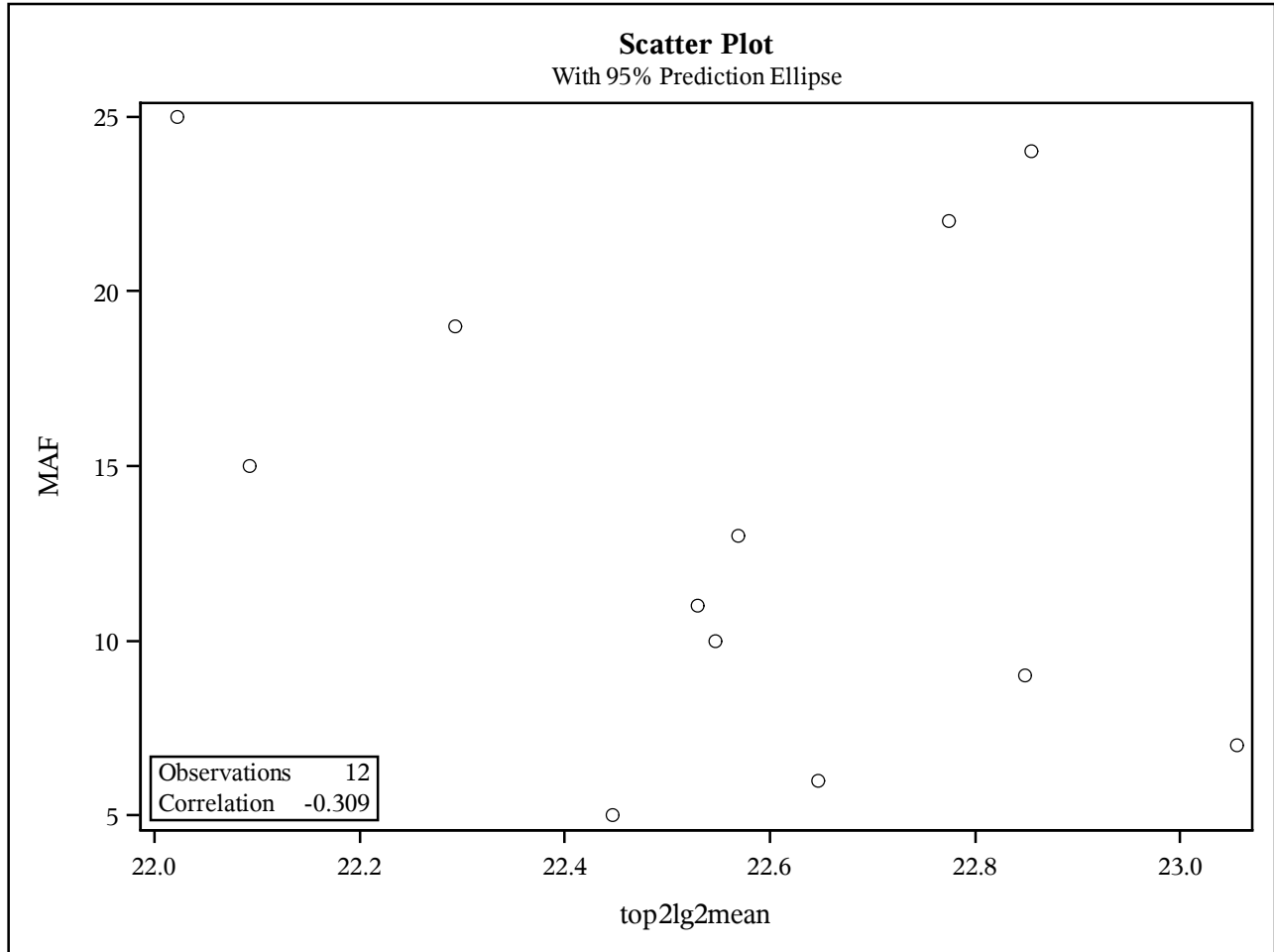
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.30867	-0.31907	-0.01403	-0.29592	-0.743545	0.334850	0.3385

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=CP



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CPA1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	16.97277	0.37952	203.67329	16.44452	17.86625
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

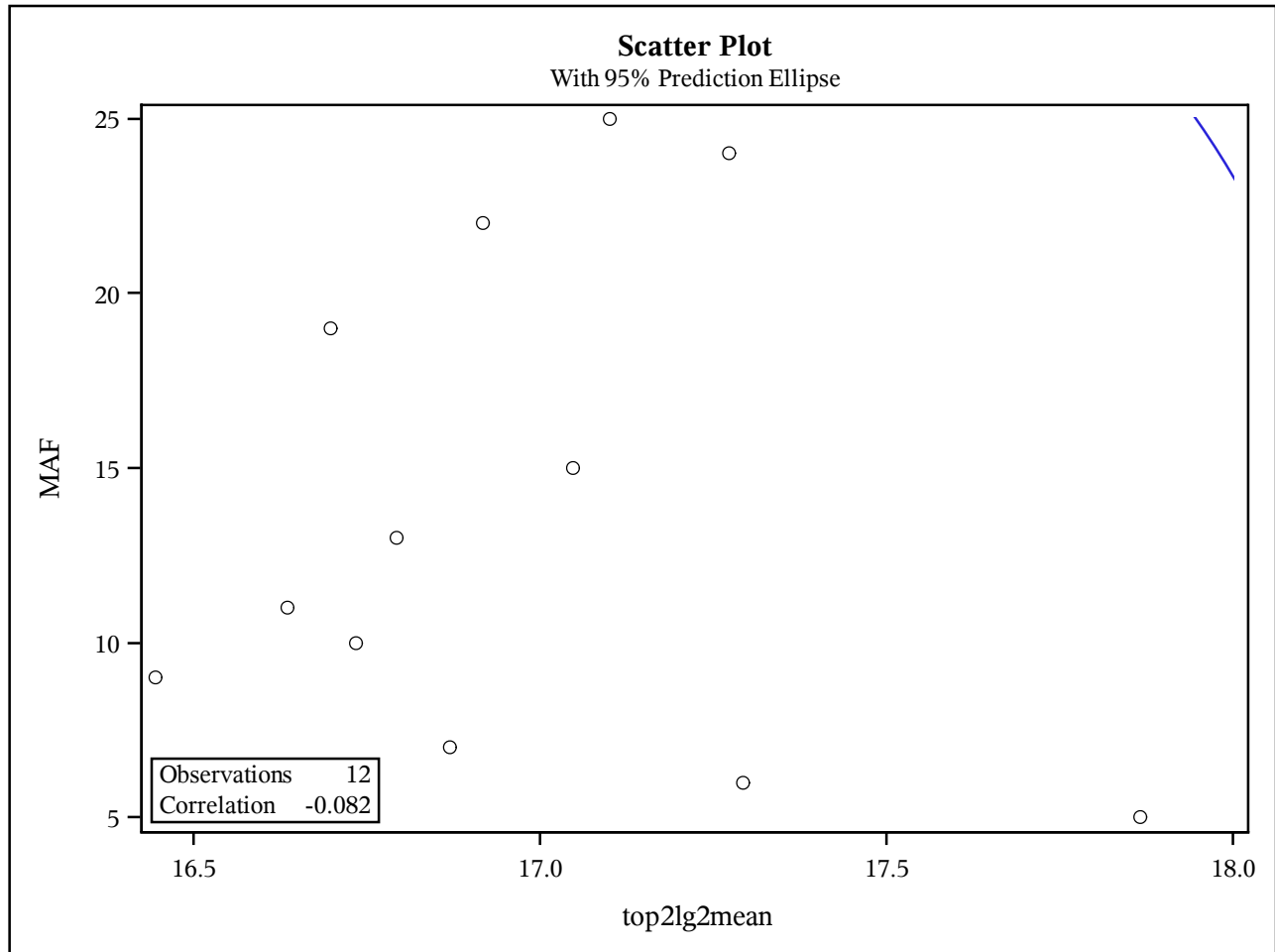
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.08206 0.7998
MAF	-0.08206 0.7998	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.08206	-0.08225	-0.00373	-0.07836	-0.624190	0.518877	0.8051

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=CPA1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CPE

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	17.11630	0.28200	205.39565	16.67208	17.43015
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

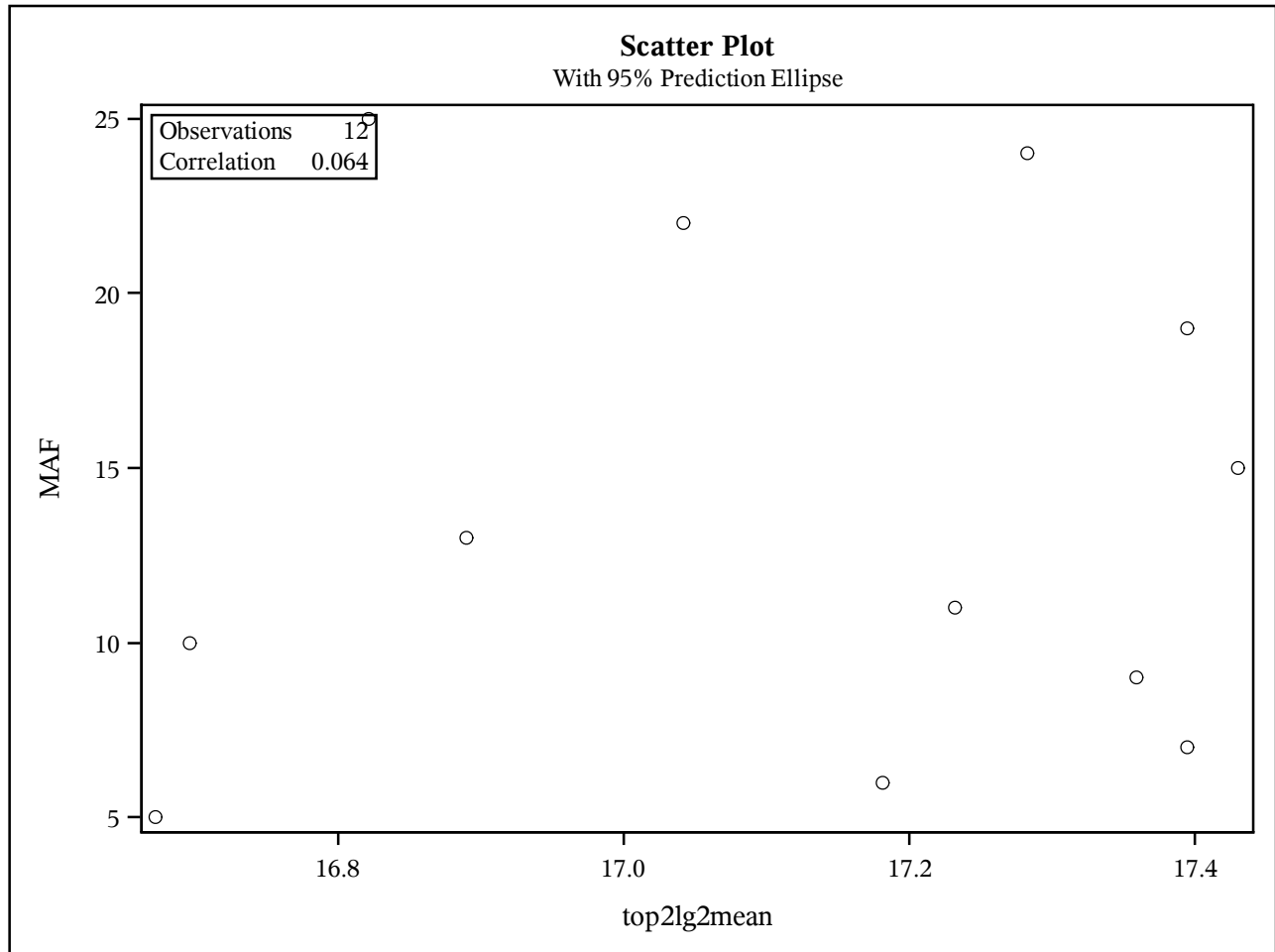
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.06398 0.8434
MAF	0.06398 0.8434	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.06398	0.06407	0.00291	0.06108	-0.531450	0.613478	0.8476

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=CPE





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CRTAC1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	16.15360	1.94327	193.84315	10.01973	17.06571
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.33267 0.2907
MAF	0.33267 0.2907	1.00000

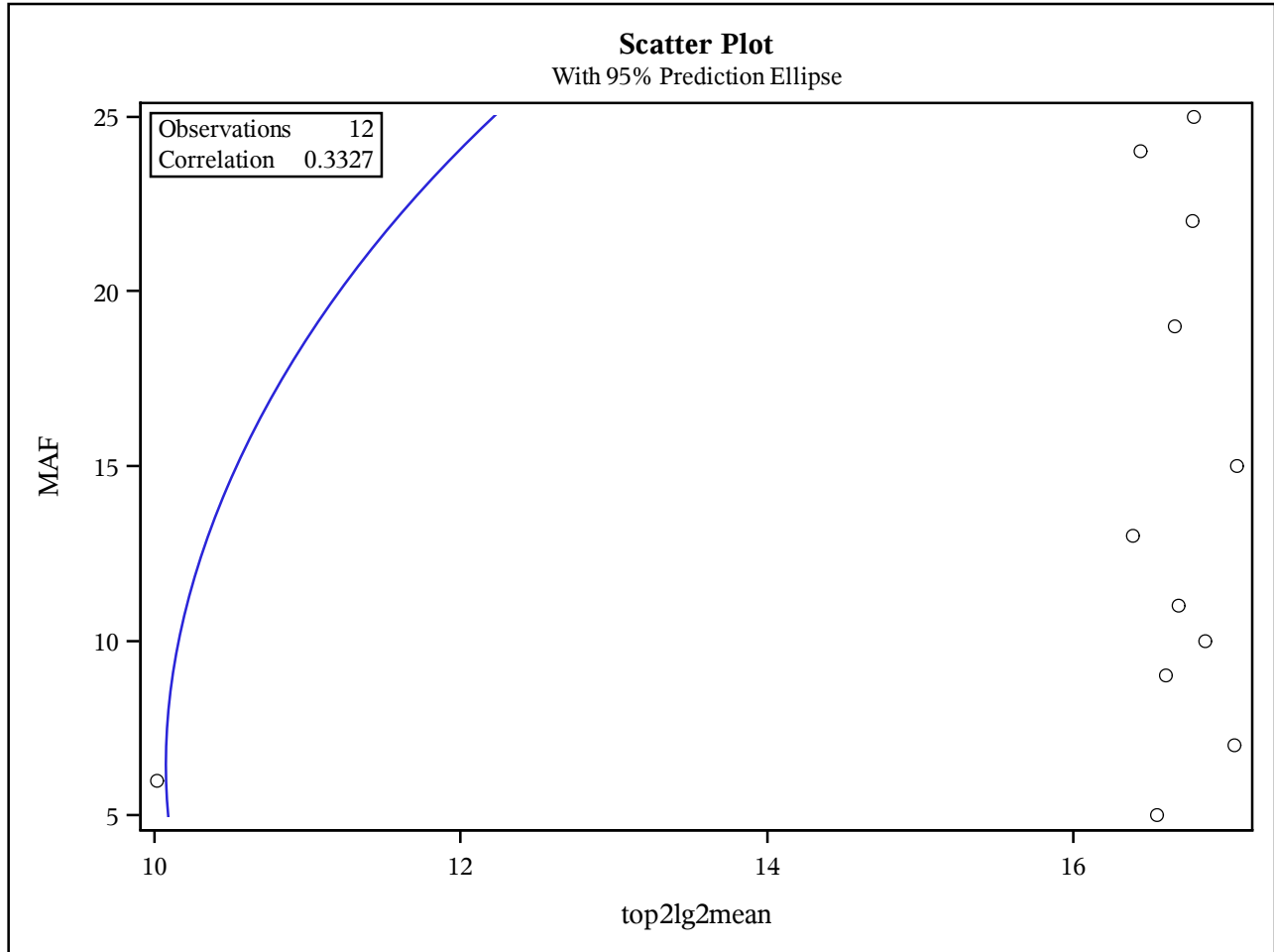
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.33267	0.34582	0.01512	0.31915	-0.311872	0.754803	0.2995

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=CRTAC1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CST3

2 Variables: top2lg2mean MAF

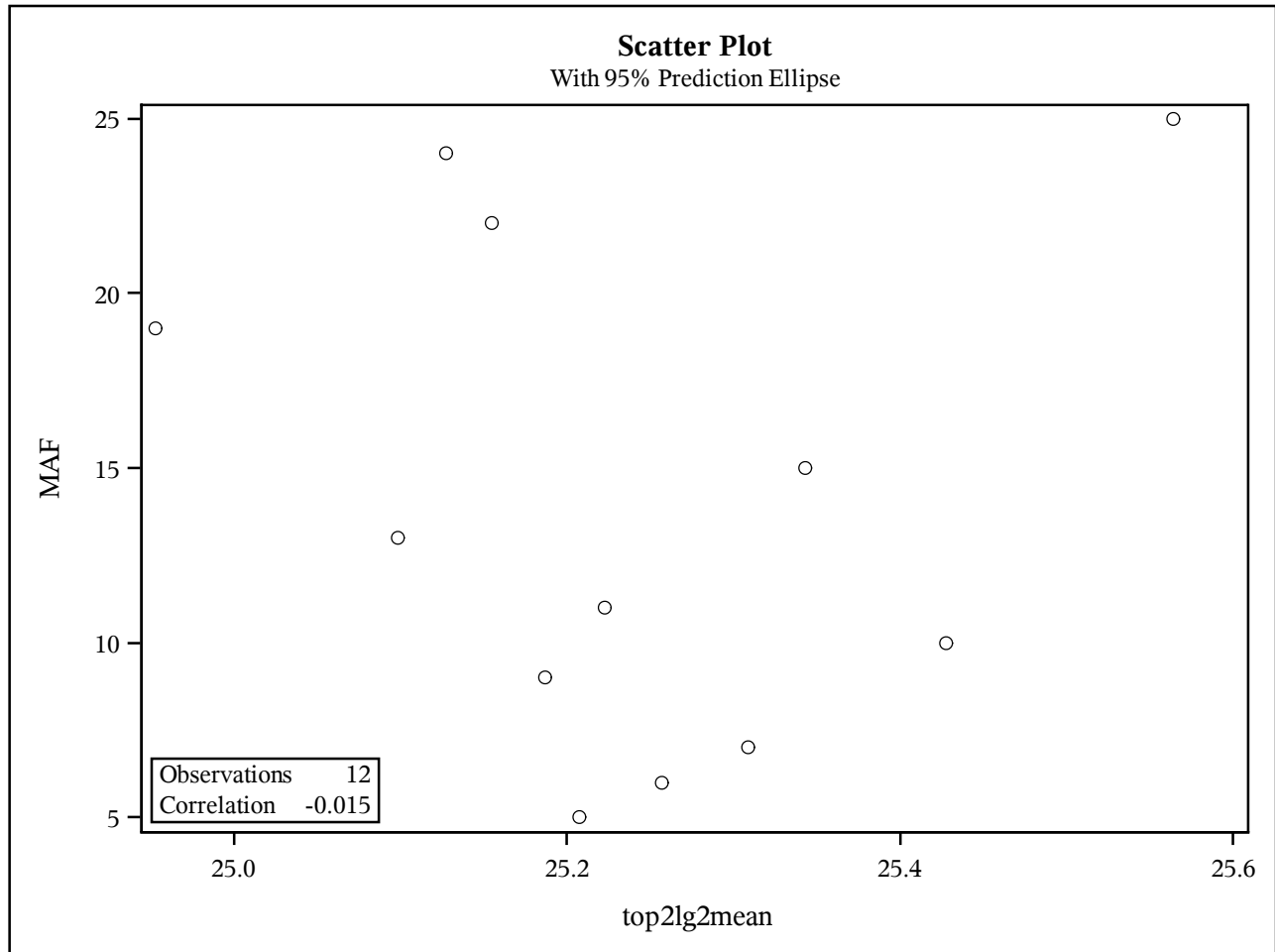
Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	25.23753	0.16033	302.85033	24.95270	25.56438
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.01533 0.9623
MAF	-0.01533 0.9623	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.01533	-0.01533	-0.0006966	-0.01463	-0.583631	0.564008	0.9633

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=CST3



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=DKK3

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.10947	0.79286	241.31363	19.13980	21.78206
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

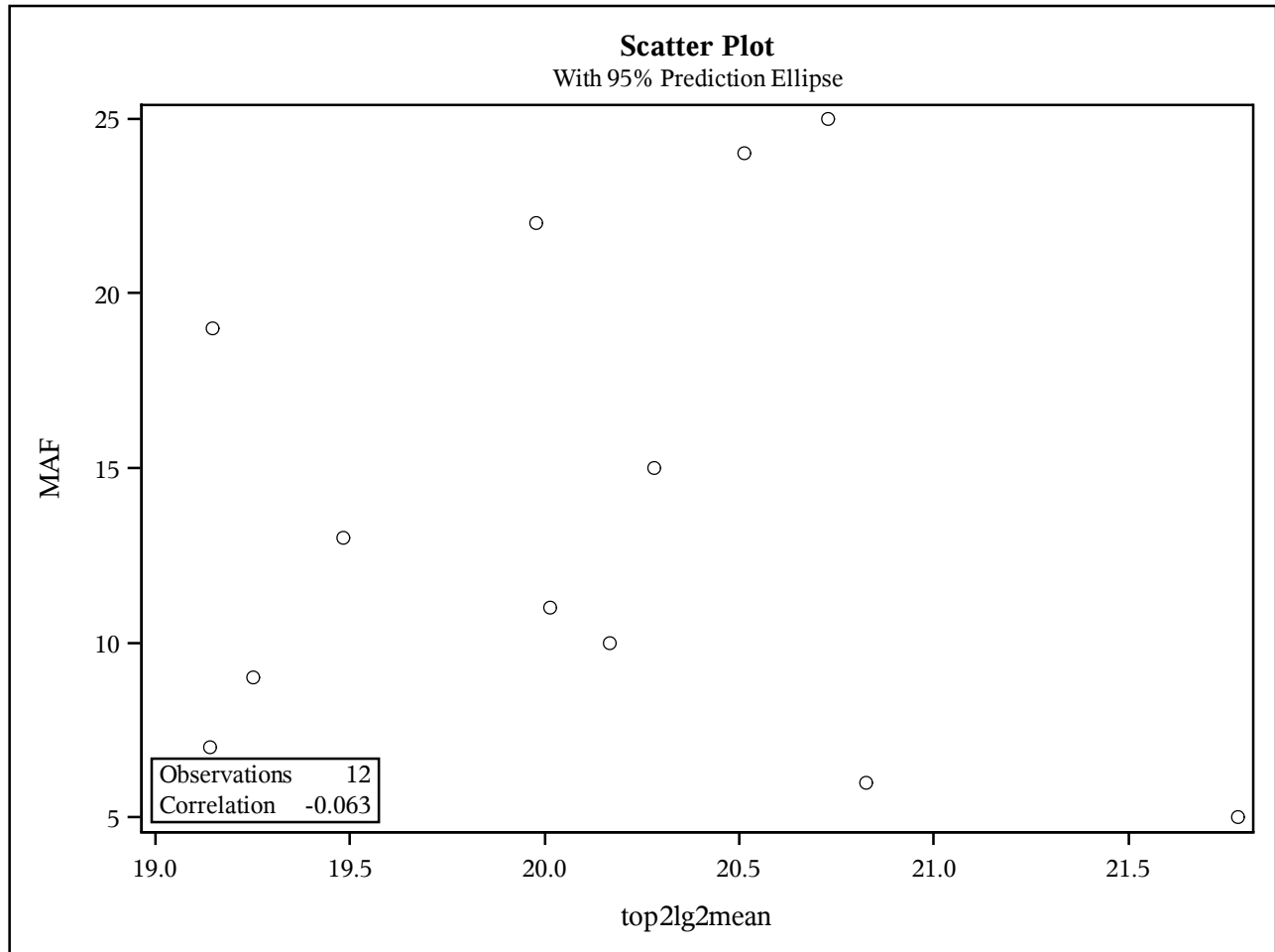
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.06304 0.8457
MAF	-0.06304 0.8457	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.06304	-0.06312	-0.00287	-0.06018	-0.612915	0.532097	0.8498

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=DKK3



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=EFEMP1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.60120	0.23123	247.21445	20.22609	21.07743
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.06308 0.8456
MAF	0.06308 0.8456	1.00000

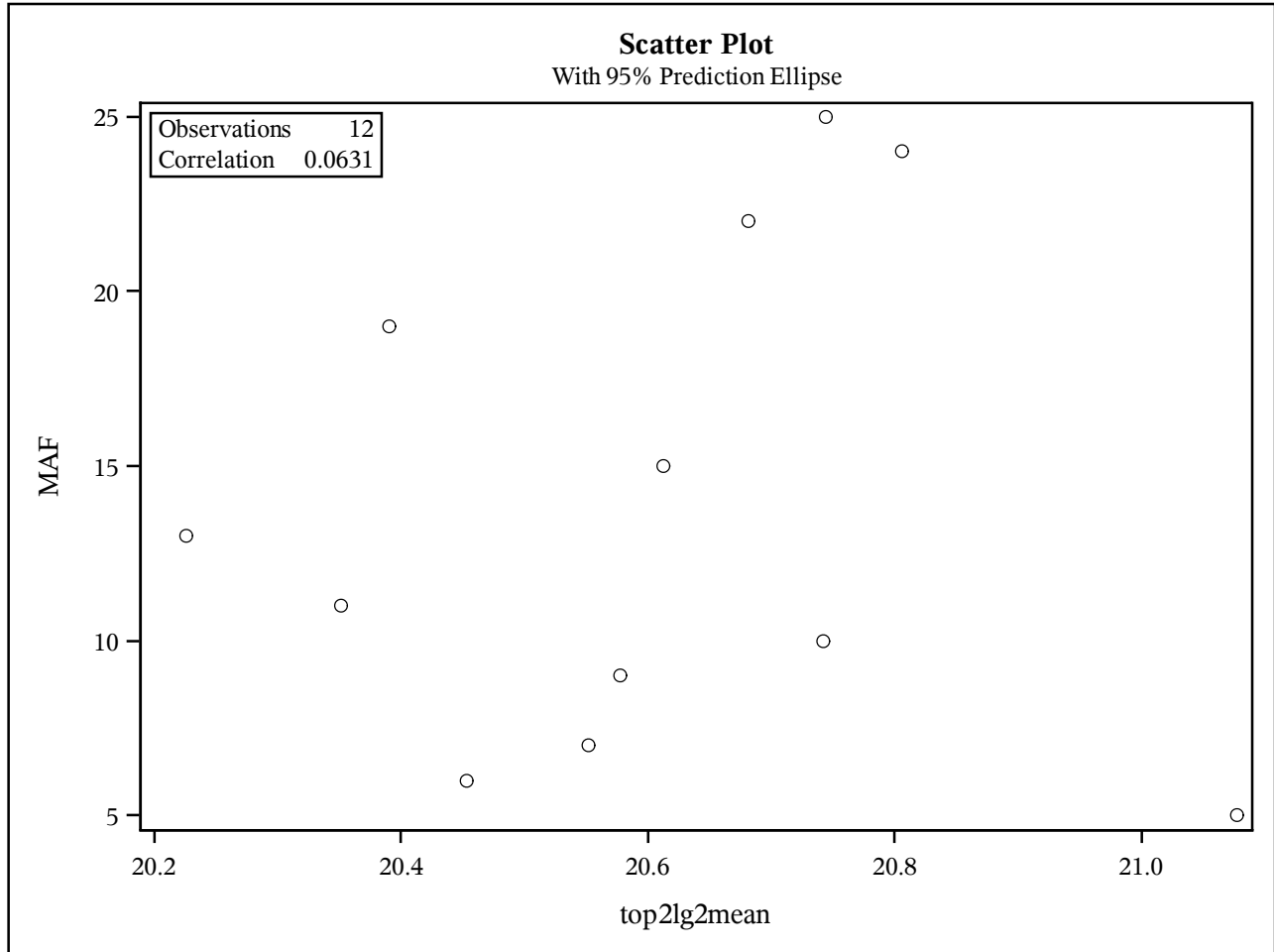
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.06308	0.06316	0.00287	0.06022	-0.532069	0.612939	0.8497

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=EFEMP1





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=ENPP2

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.07433	0.89659	240.89194	18.69225	21.72345
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.32116 0.3087
MAF	-0.32116 0.3087	1.00000

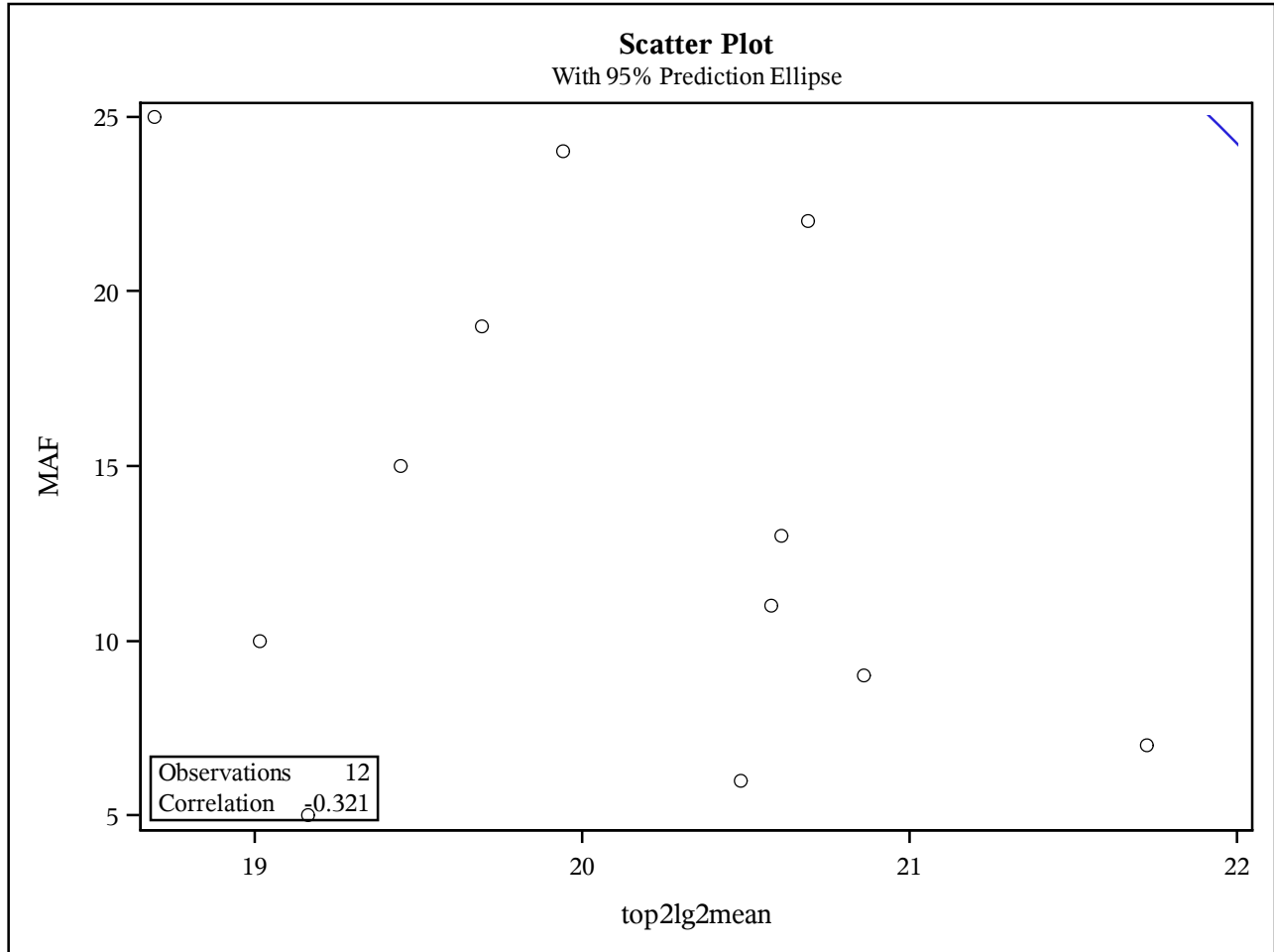
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.32116	-0.33293	-0.01460	-0.30800	-0.749432	0.322992	0.3179

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=ENPP2



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=F2

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	19.93872	0.47286	239.26468	19.14113	20.64381
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.20913 0.5142
MAF	-0.20913 0.5142	1.00000

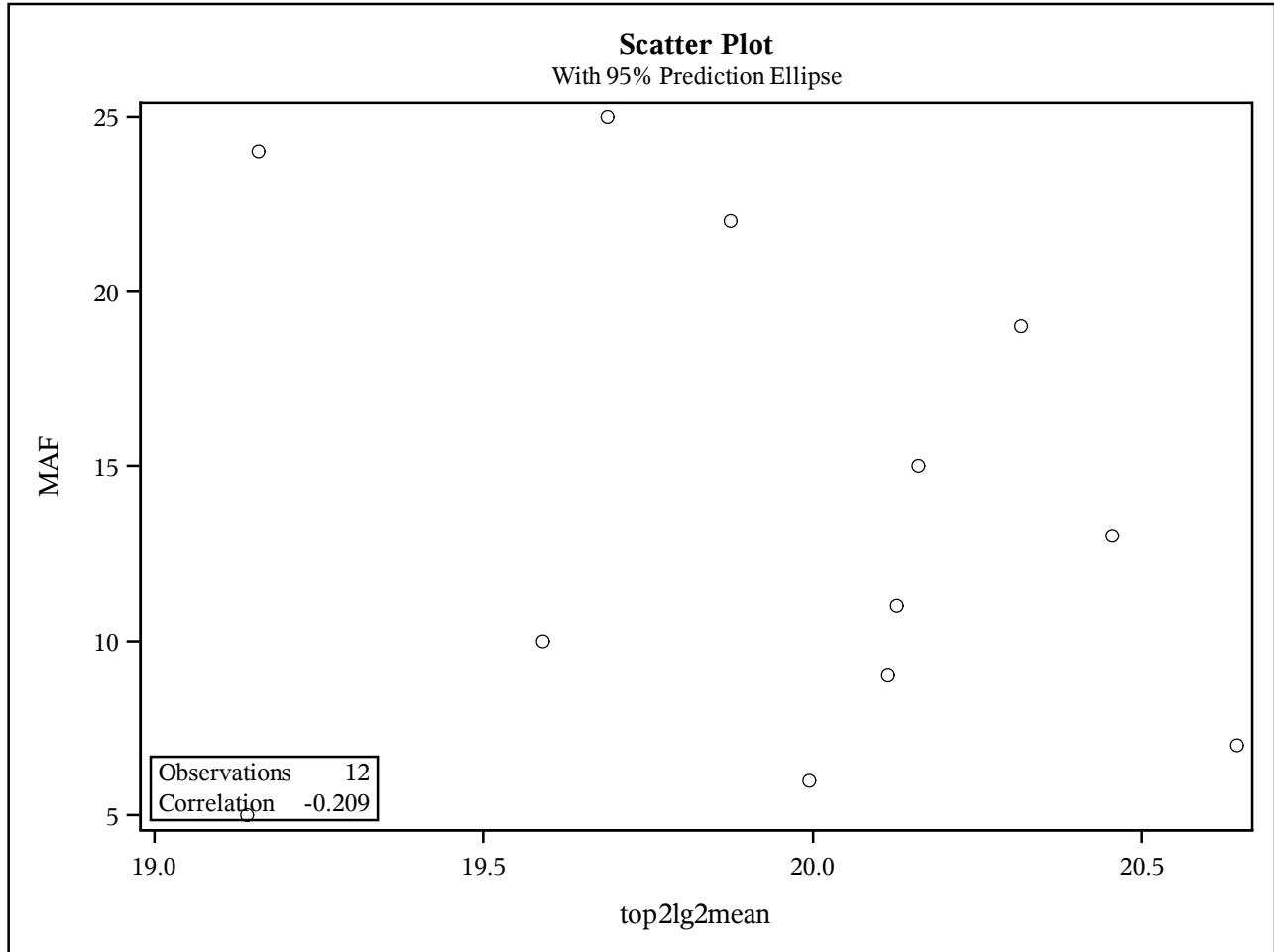
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.20913	-0.21226	-0.00951	-0.20003	-0.694232	0.422361	0.5243

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=F2



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=FBLN1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	21.28993	0.21031	255.47919	20.90053	21.60484
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.14107 0.6619
MAF	0.14107 0.6619	1.00000

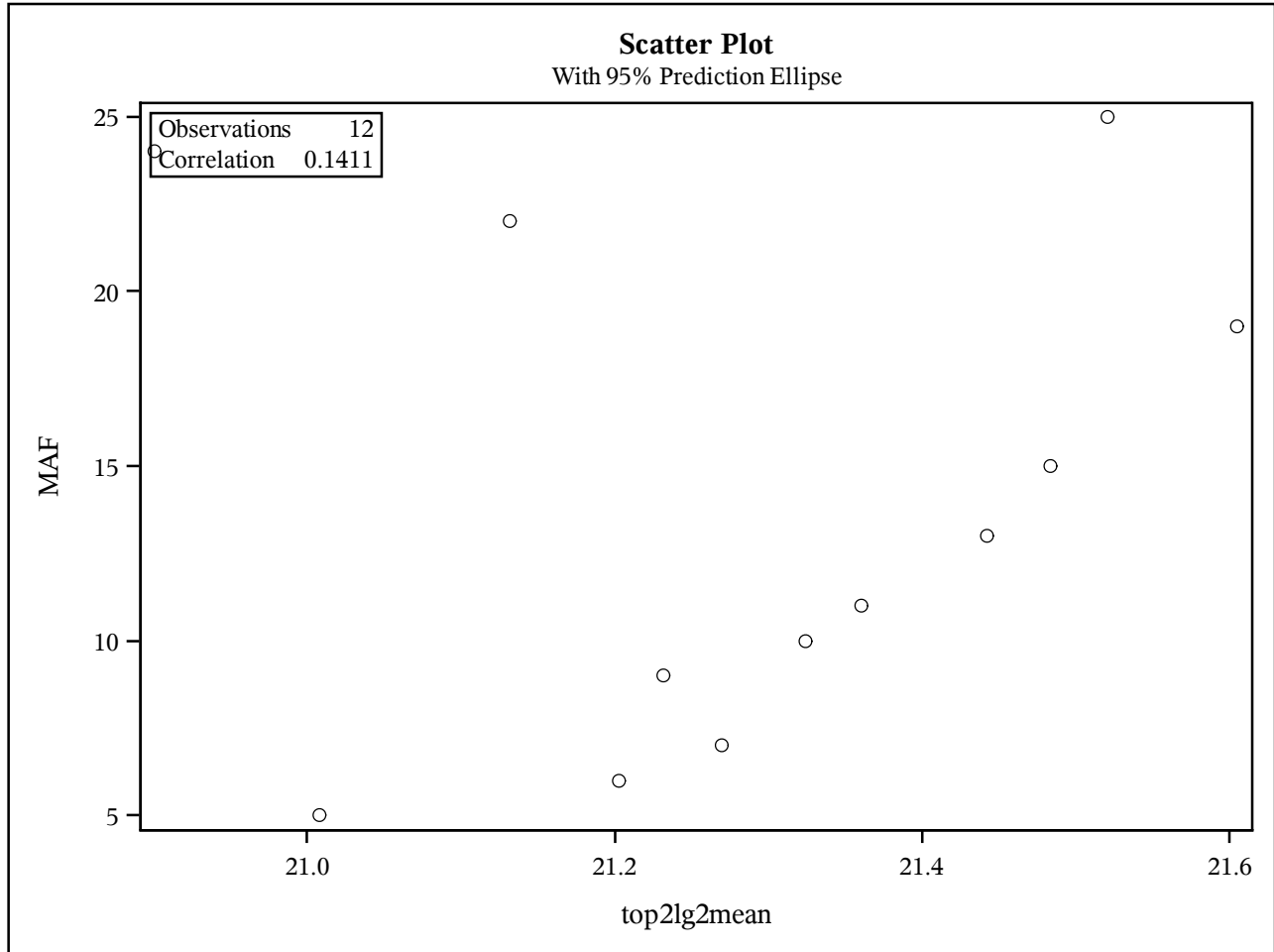
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.14107	0.14202	0.00641	0.13478	-0.475937	0.657799	0.6701

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=FBLN1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=FGG

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	17.97301	0.39551	215.67613	17.49951	19.09702
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.24364 0.4454
MAF	-0.24364 0.4454	1.00000

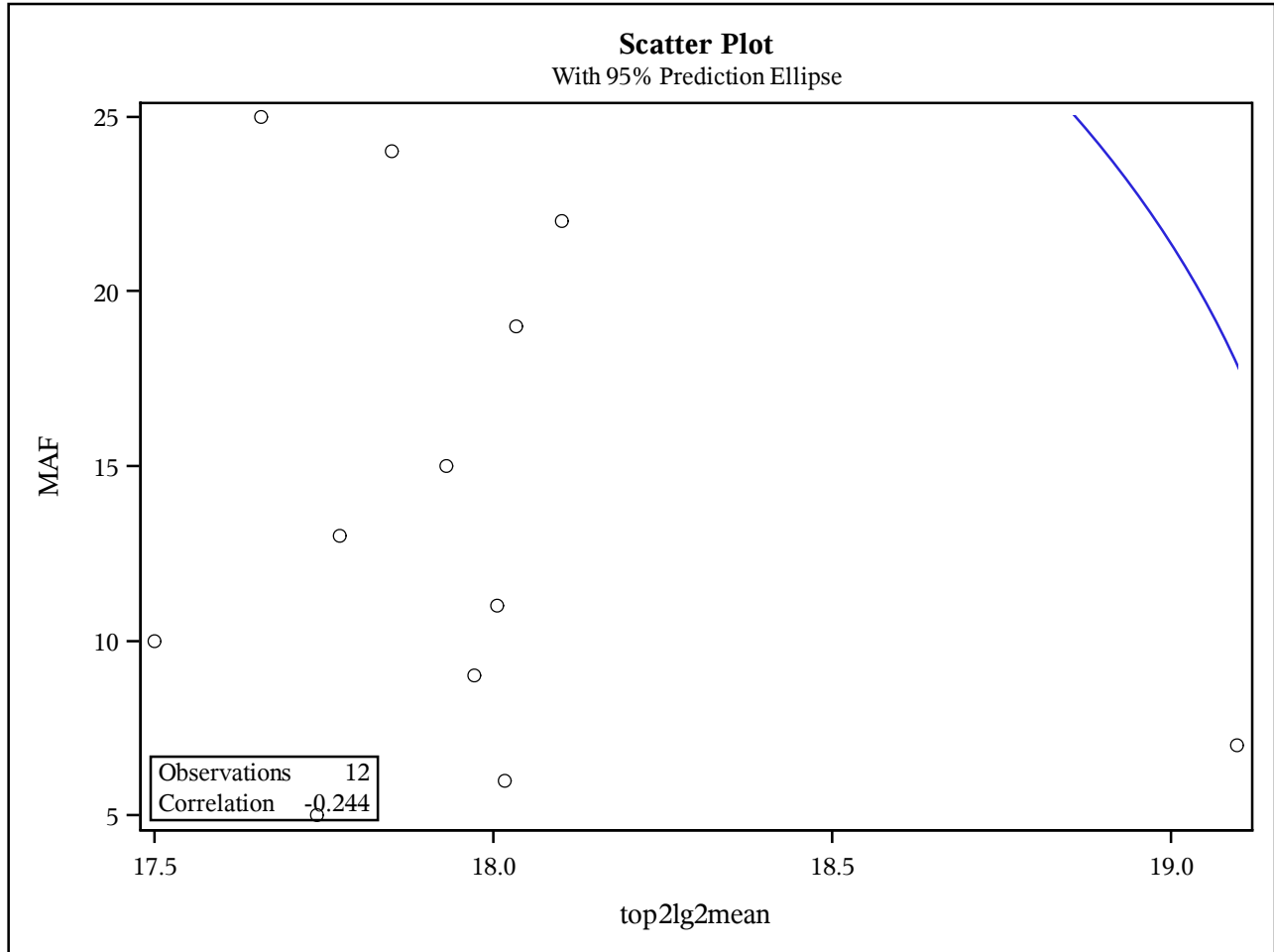
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.24364	-0.24864	-0.01107	-0.23319	-0.711830	0.393352	0.4557

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=FGG





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=FN1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.22242	0.38957	242.66899	19.48613	20.90945
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.67285 0.0165
MAF	0.67285 0.0165	1.00000

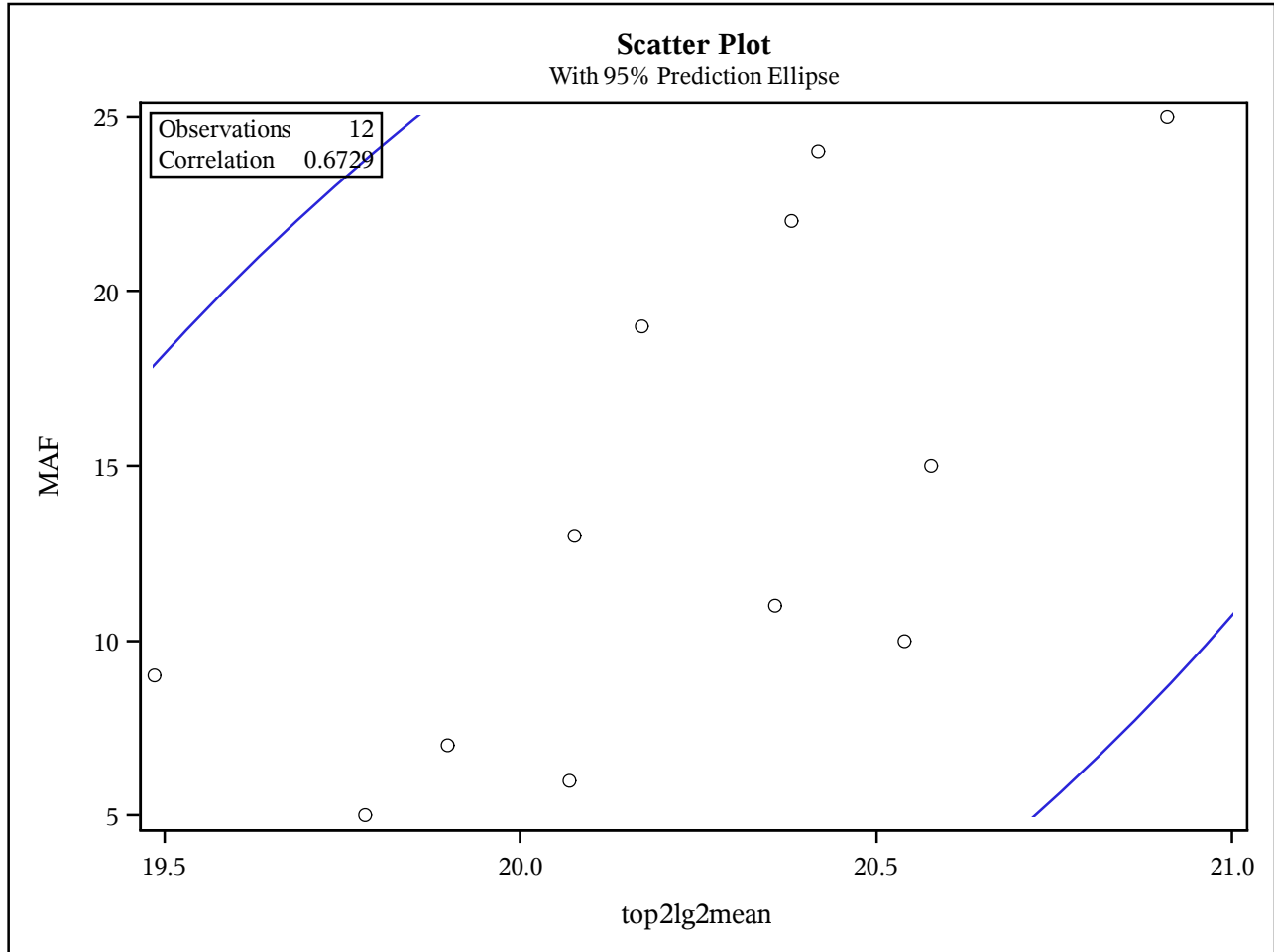
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.67285	0.81594	0.03058	0.65577	0.131272	0.893431	0.0144

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=FN1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=GC

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	23.33209	0.20100	279.98510	22.82401	23.60913
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

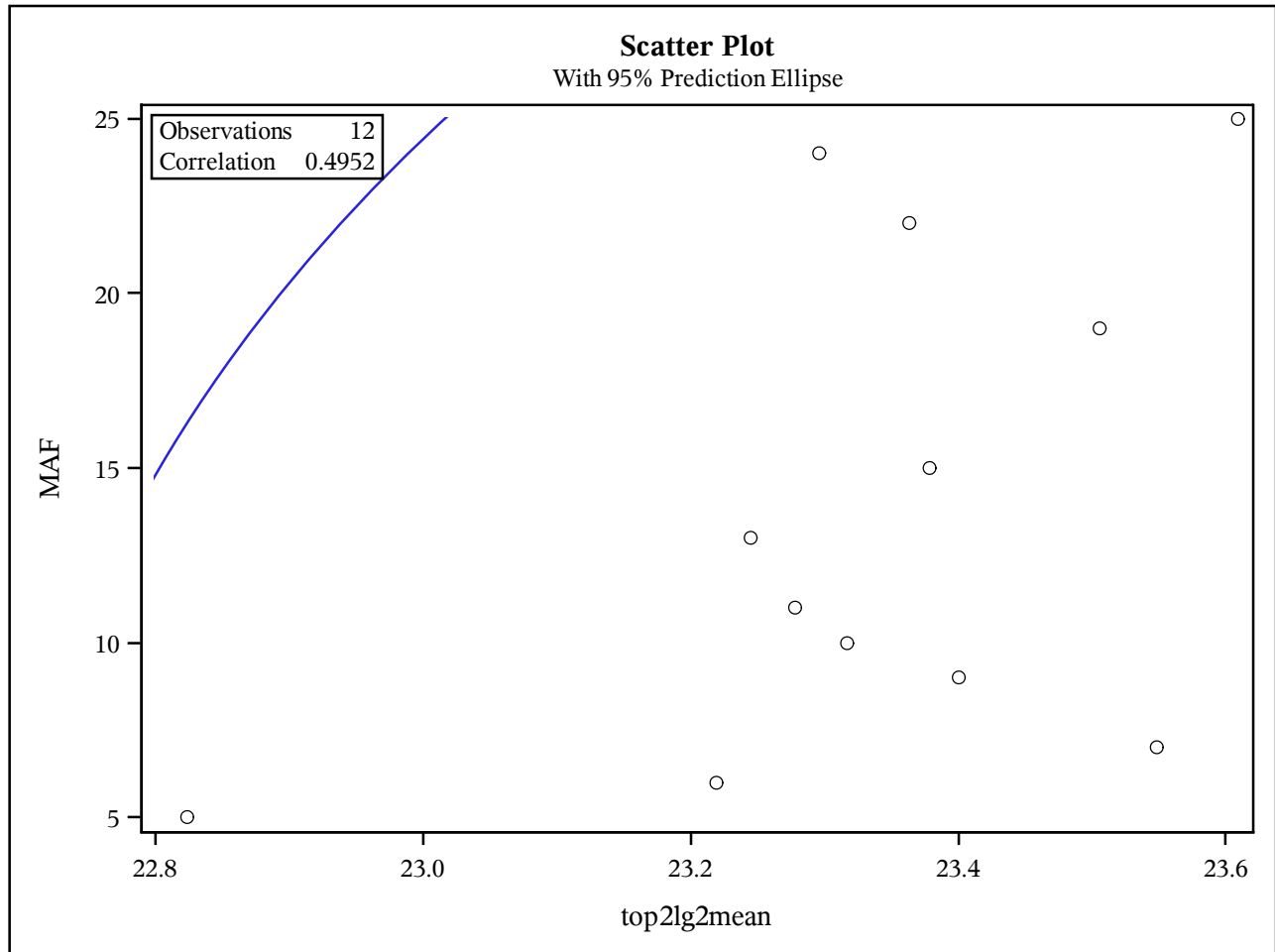
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.49518 0.1017
MAF	0.49518 0.1017	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.49518	0.54290	0.02251	0.47800	-0.132150	0.825460	0.1034

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=GC



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=GSN

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	21.67081	0.34197	260.04974	20.77562	21.98326
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.50583 0.0934
MAF	-0.50583 0.0934	1.00000

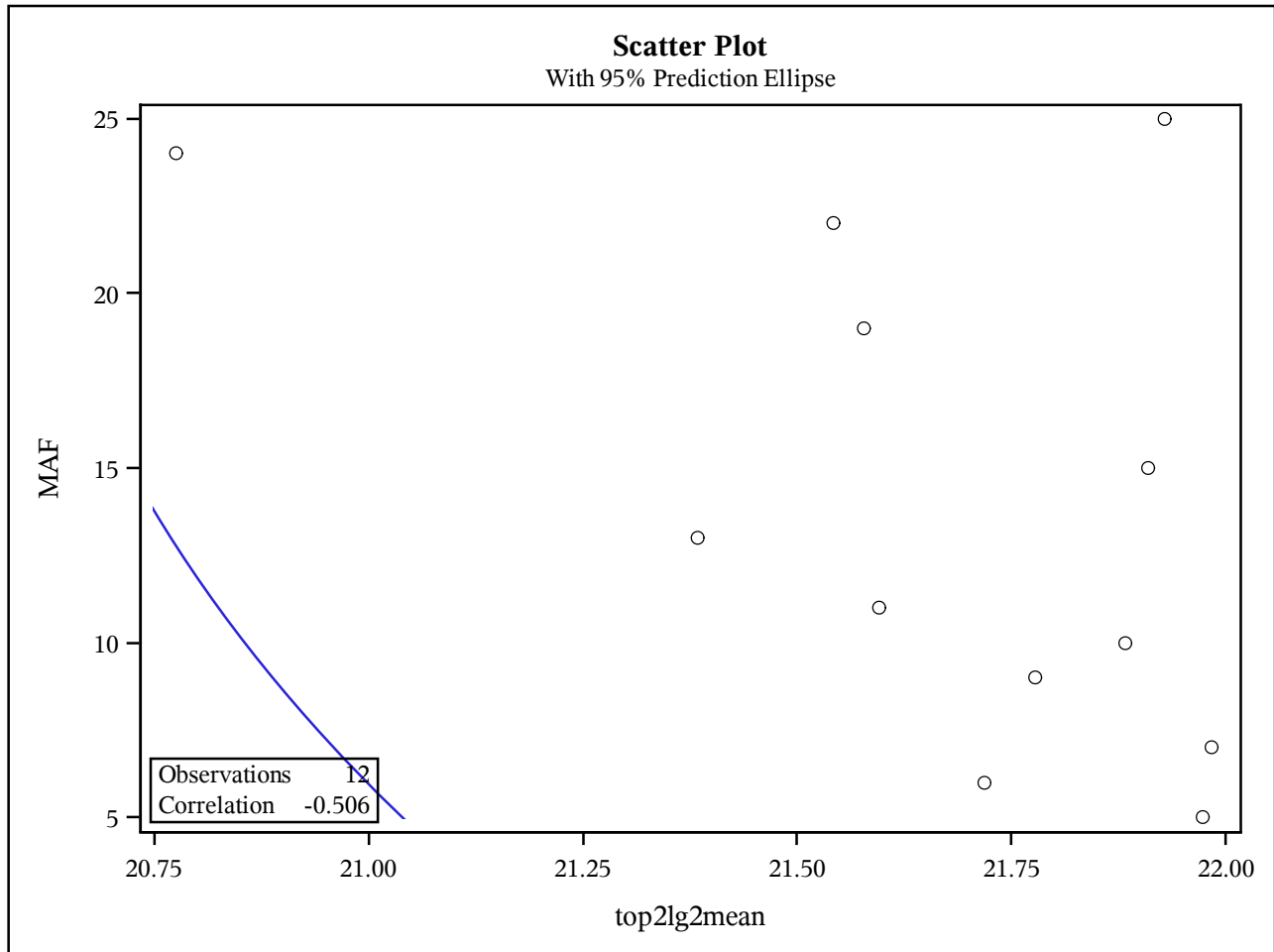
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.50583	-0.55711	-0.02299	-0.48853	-0.829784	0.118638	0.0947

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=GSN



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=HPX

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	25.81965	0.13873	309.83584	25.65299	26.07131
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.01345 0.9669
MAF	-0.01345 0.9669	1.00000

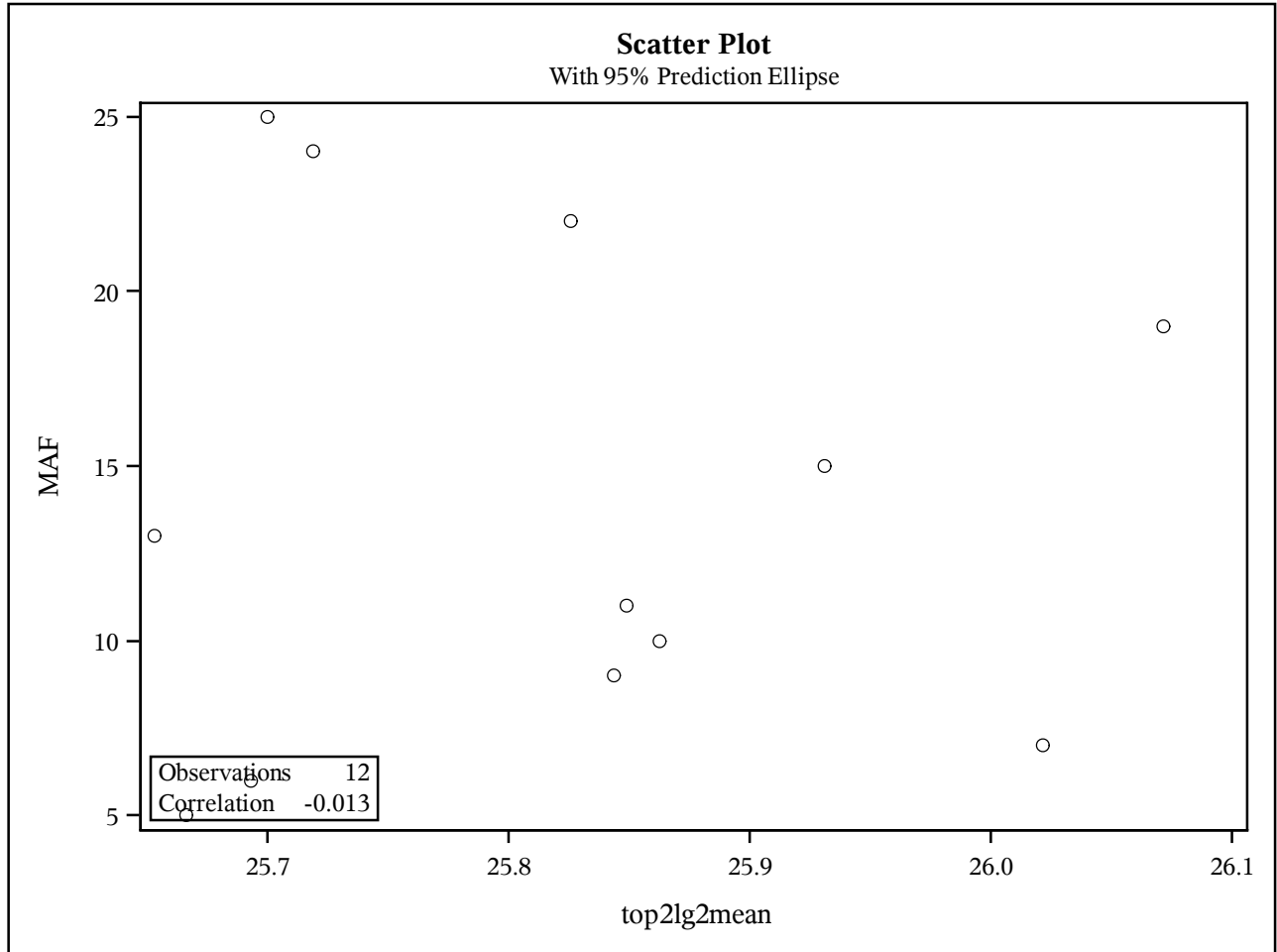
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.01345	-0.01345	-0.0006112	-0.01284	-0.582447	0.565230	0.9678

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=HPX





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=IGFBP6

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	21.76537	0.24356	261.18448	21.06331	22.01586
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

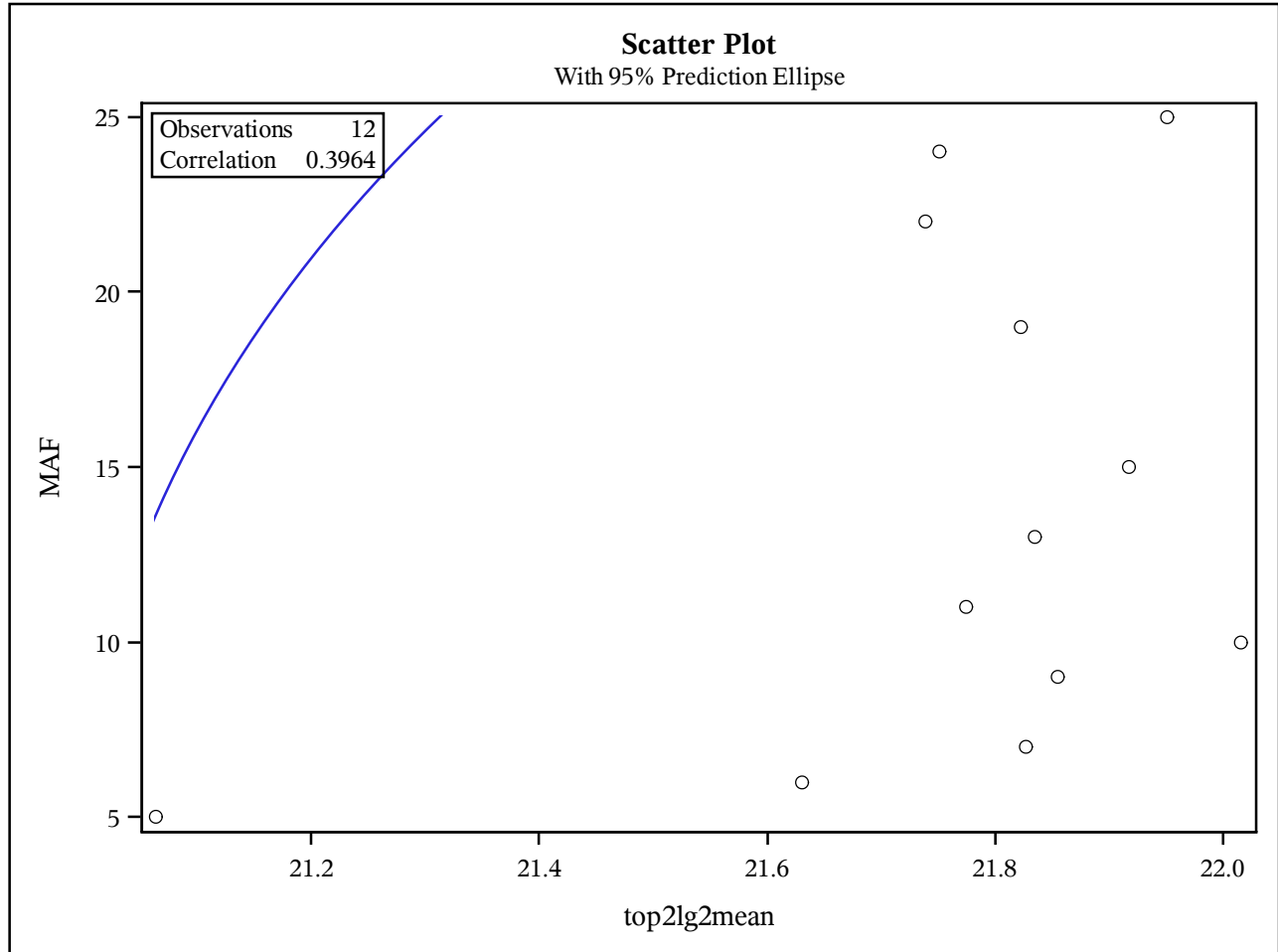
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.39640 0.2021
MAF	0.39640 0.2021	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.39640	0.41937	0.01802	0.38110	-0.246773	0.783615	0.2084

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=IGFBP6



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=KLK6

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	23.33664	0.20344	280.03972	23.06448	23.67569
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

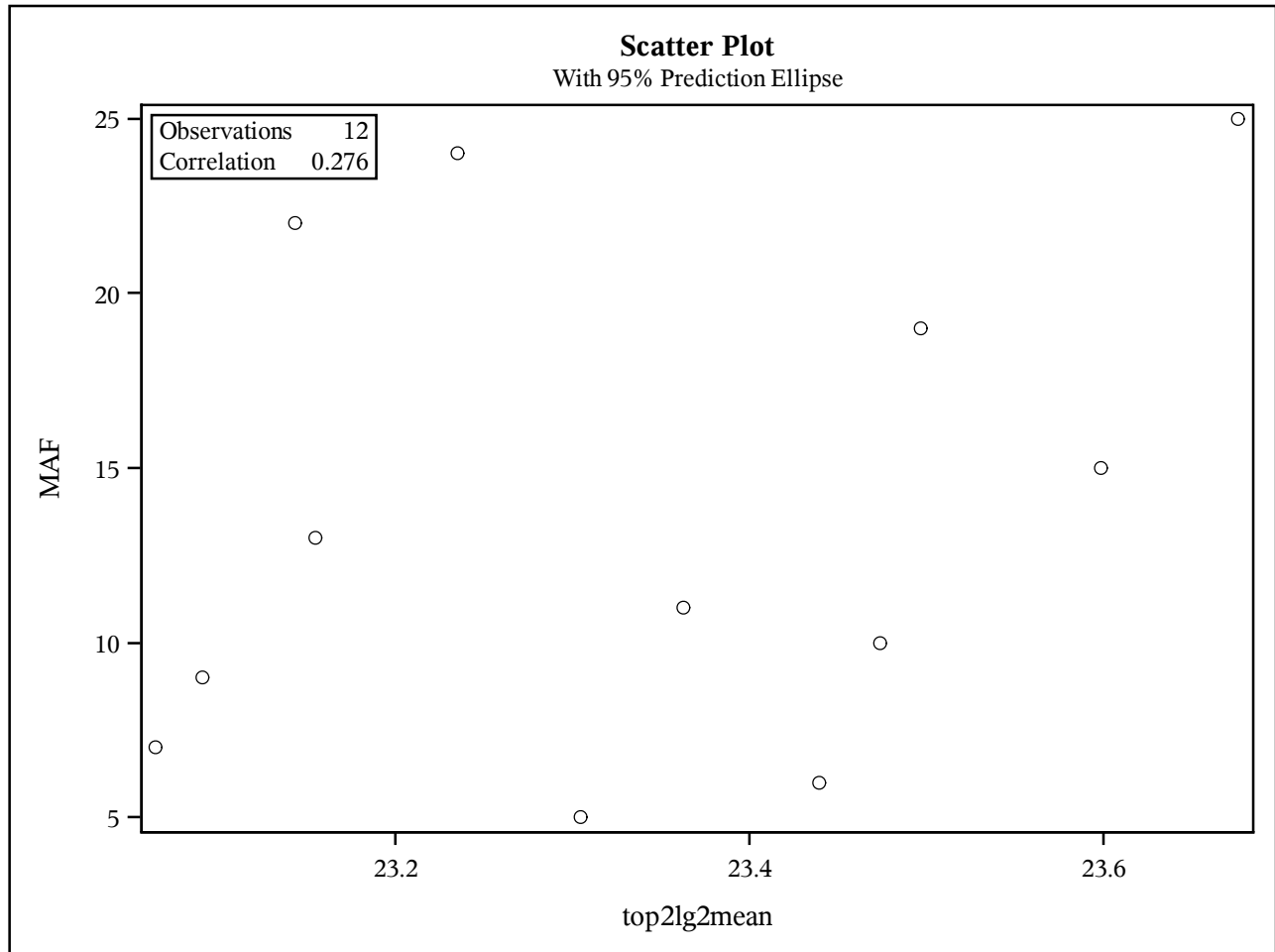
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.27600 0.3852
MAF	0.27600 0.3852	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.27600	0.28334	0.01255	0.26437	-0.364896	0.727841	0.3953

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=KLK6



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=KNG1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	19.99606	0.33916	239.95268	19.18894	20.32536
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.39838 0.1996
MAF	0.39838 0.1996	1.00000

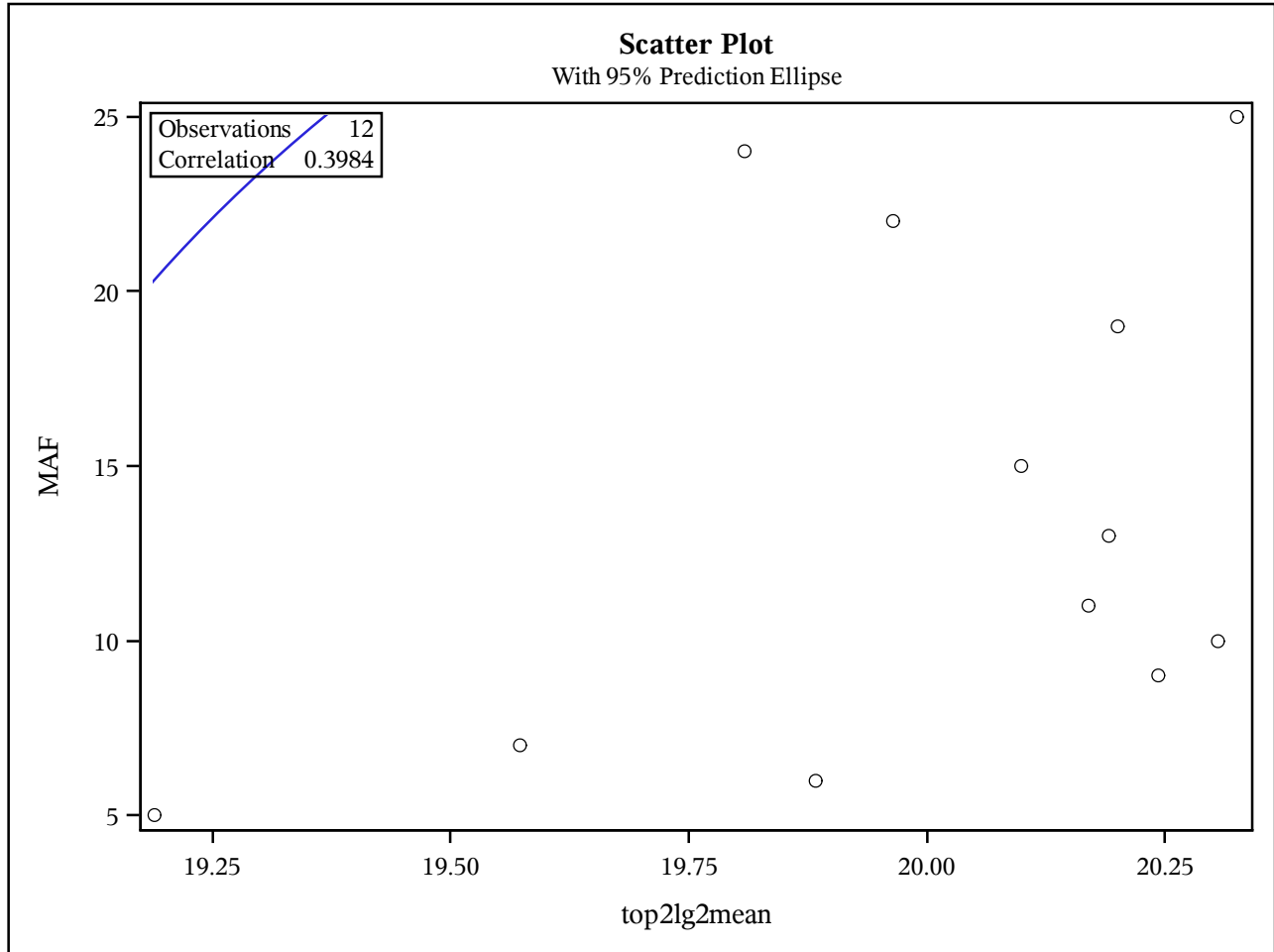
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.39838	0.42172	0.01811	0.38303	-0.244647	0.784487	0.2058

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=KNG1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=LGALS3BP

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	19.05697	0.50398	228.68362	18.42866	19.85145
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

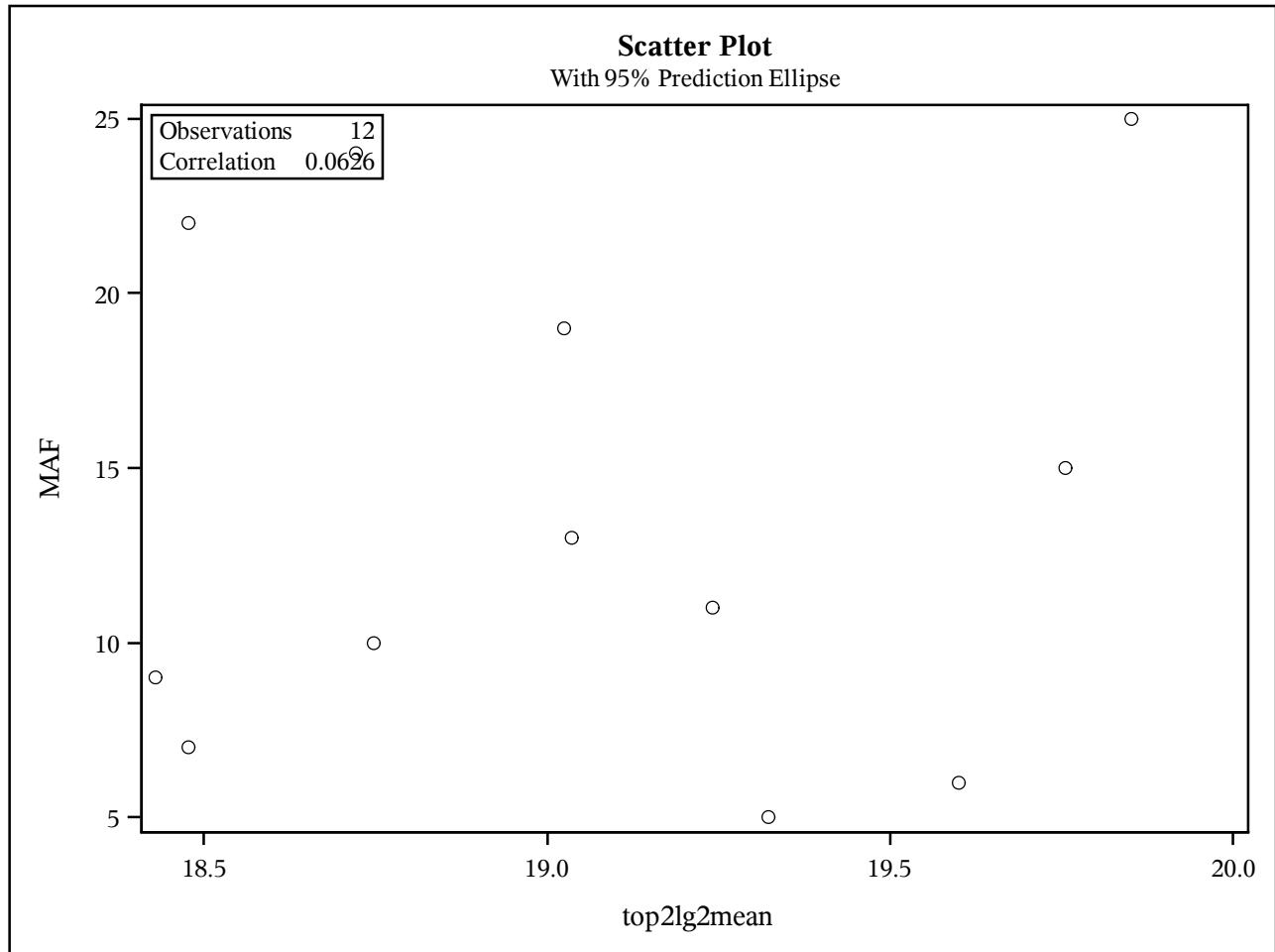
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.06263 0.8467
MAF	0.06263 0.8467	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.06263	0.06272	0.00285	0.05980	-0.532374	0.612674	0.8508

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=LGALS3BP





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=LRG1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	21.04480	0.32579	252.53765	20.54096	21.57320
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

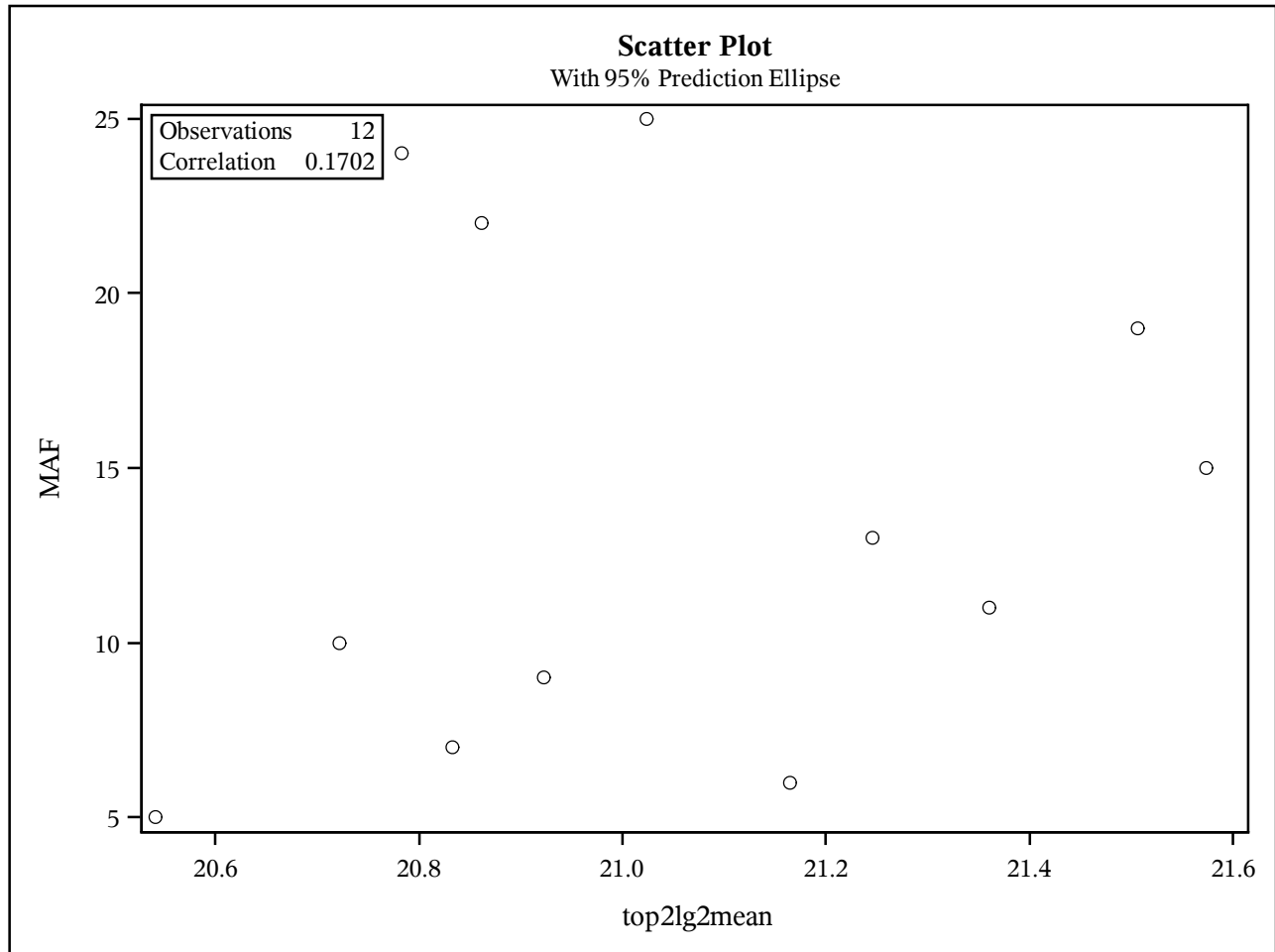
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.17021 0.5969
MAF	0.17021 0.5969	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.17021	0.17188	0.00774	0.16268	-0.453564	0.673687	0.6061

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=LRG1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=NCAM1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.08905	0.30789	241.06857	19.47076	20.43145
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.09329 0.7731
MAF	-0.09329 0.7731	1.00000

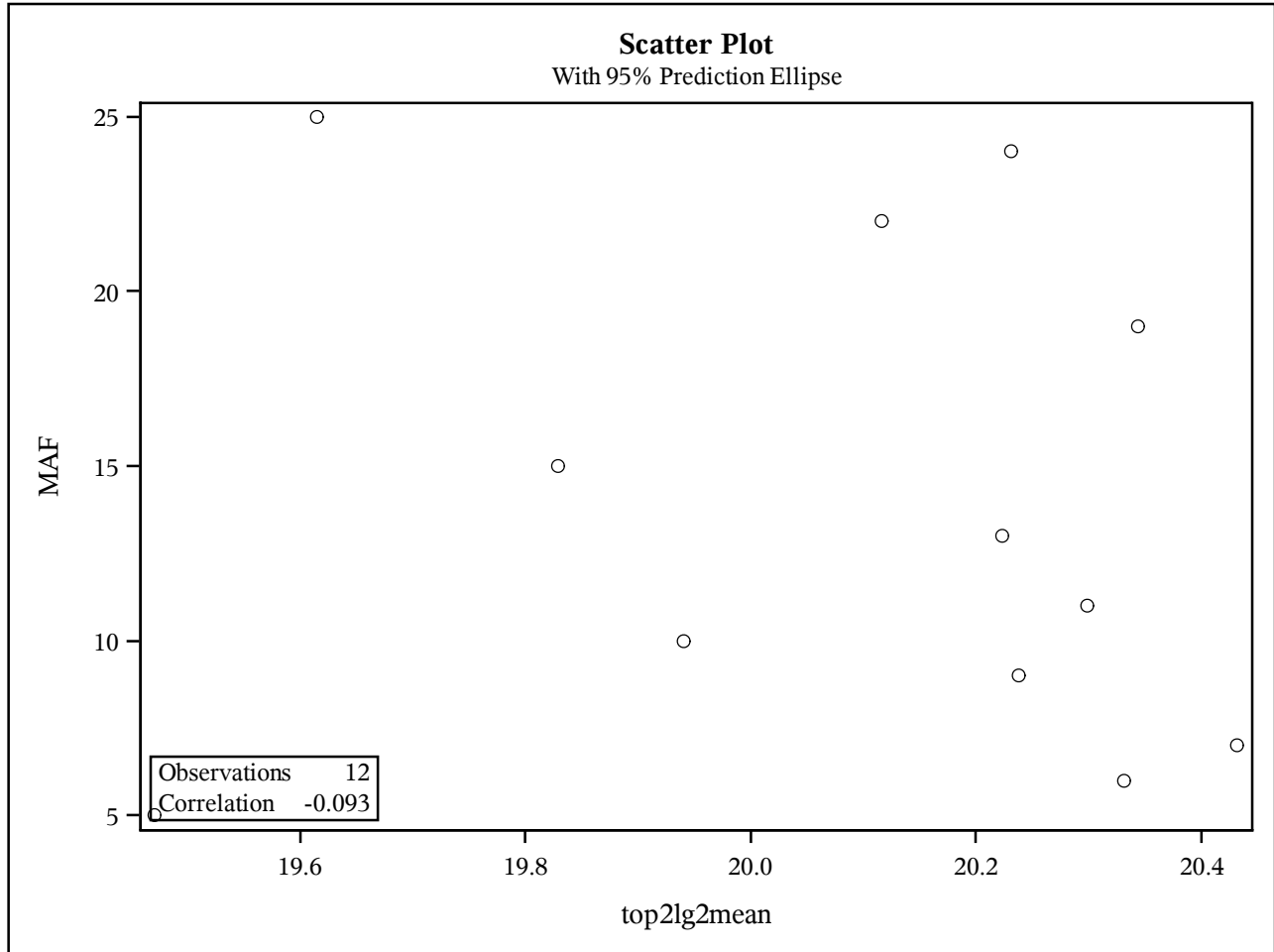
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.09329	-0.09356	-0.00424	-0.08909	-0.630740	0.510939	0.7789

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

**Gene\_Symbol=NCAM1**



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=NCAN

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	17.41564	0.26096	208.98771	16.95932	17.82961
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

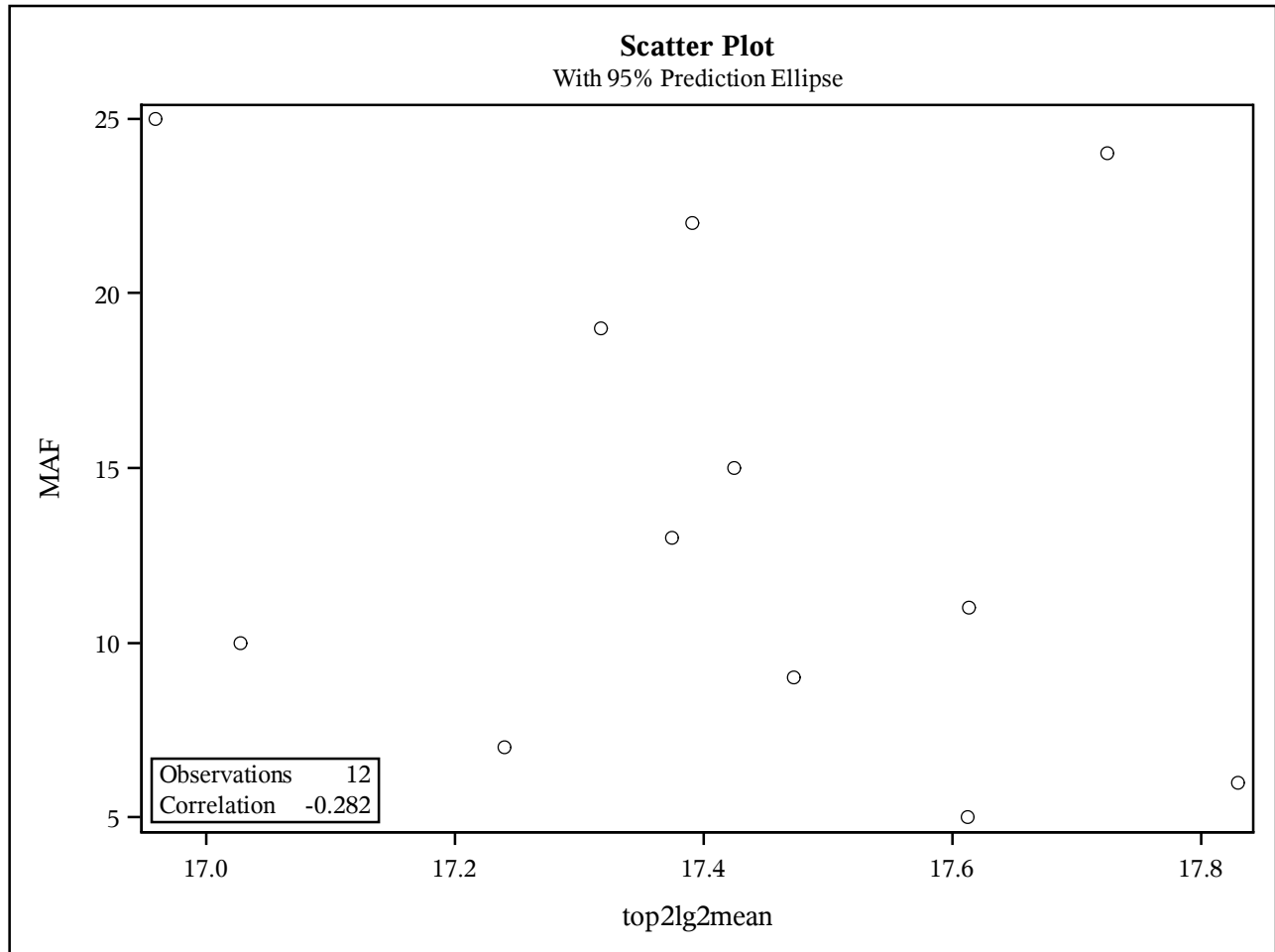
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.28205 0.3744
MAF	-0.28205 0.3744	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.28205	-0.28991	-0.01282	-0.27021	-0.730785	0.359432	0.3845

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=NCAN



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=NELL2

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	19.96714	0.43713	239.60562	19.30654	20.90915
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

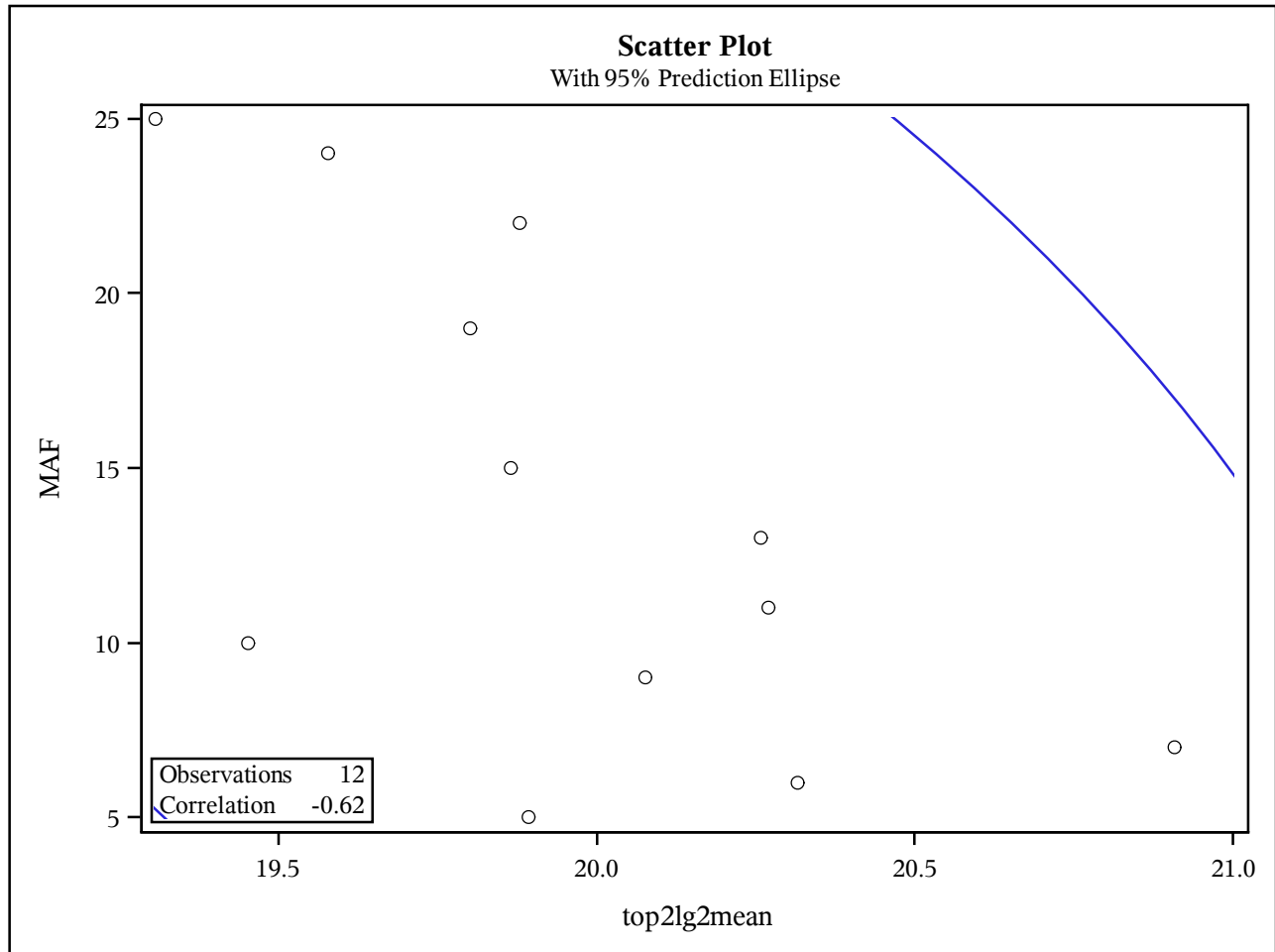
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.62021 0.0314
MAF	-0.62021 0.0314	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.62021	-0.72534	-0.02819	-0.60256	-0.874165	-0.043801	0.0296

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=NELL2





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=NEO1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	18.63564	0.41217	223.62765	17.85830	19.26165
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

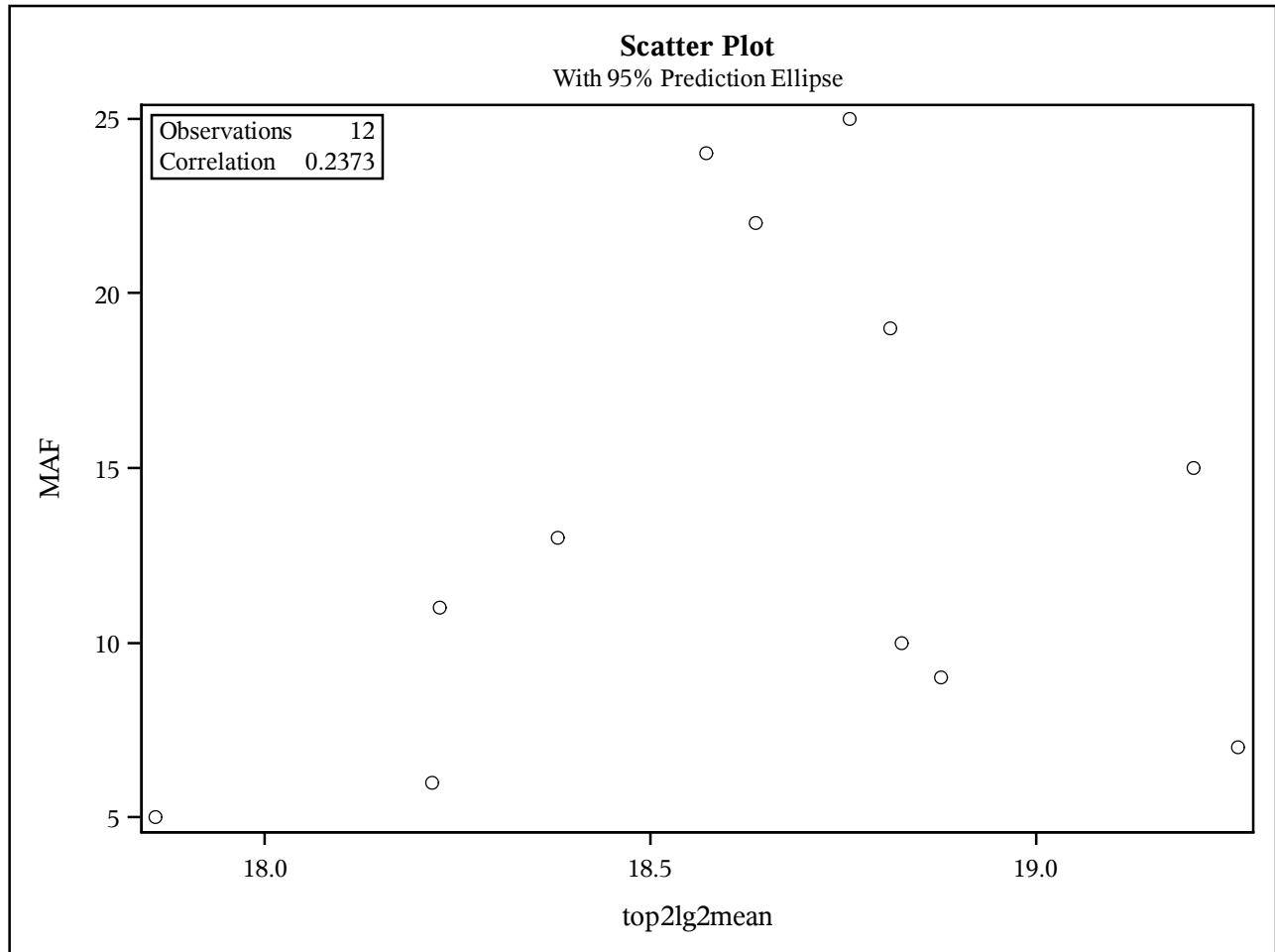
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.23728 0.4577
MAF	0.23728 0.4577	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.23728	0.24189	0.01079	0.22708	-0.398794	0.708631	0.4680

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=NEO1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=NPC2

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	19.67006	0.50896	236.04070	18.82205	20.78194
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

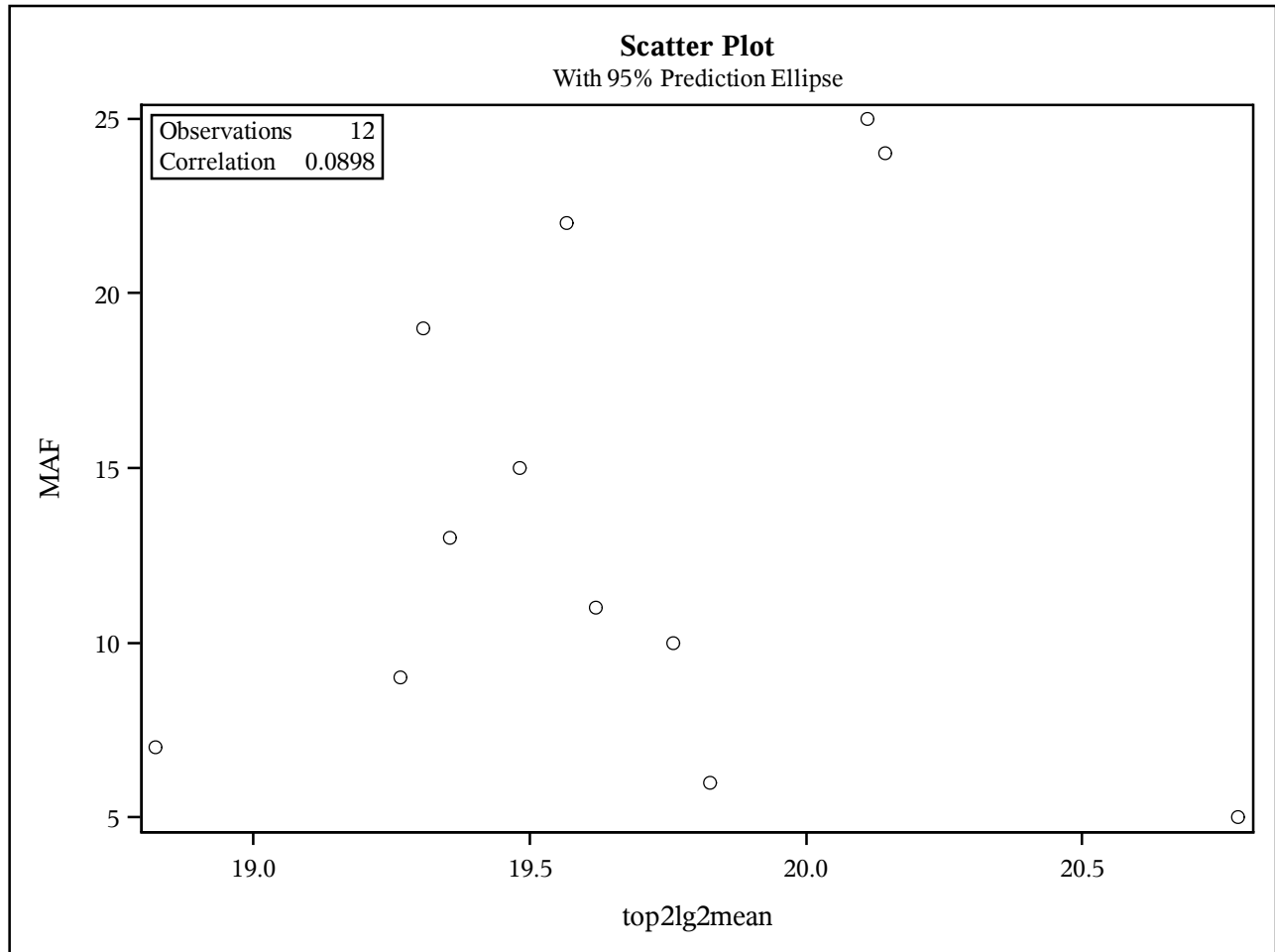
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.08982 0.7813
MAF	0.08982 0.7813	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.08982	0.09006	0.00408	0.08577	-0.513405	0.628722	0.7870

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=NPC2



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=NRCAM

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.82374	0.27138	249.88485	20.37181	21.20853
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

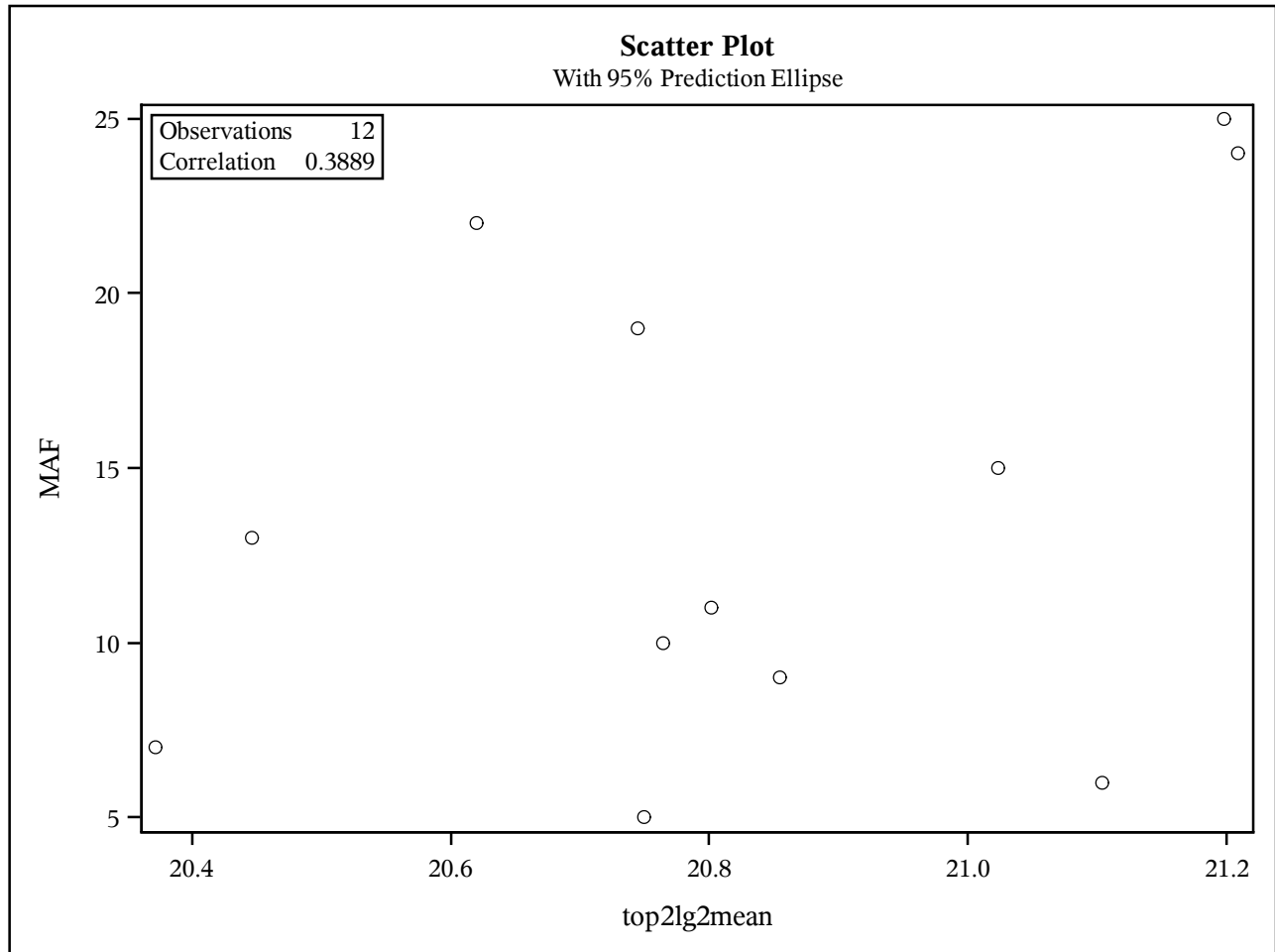
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.38890 0.2115
MAF	0.38890 0.2115	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.38890	0.41051	0.01768	0.37380	-0.254756	0.780305	0.2181

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=NRCAM



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=NTM

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	19.04428	0.32215	228.53139	18.56987	19.55018
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

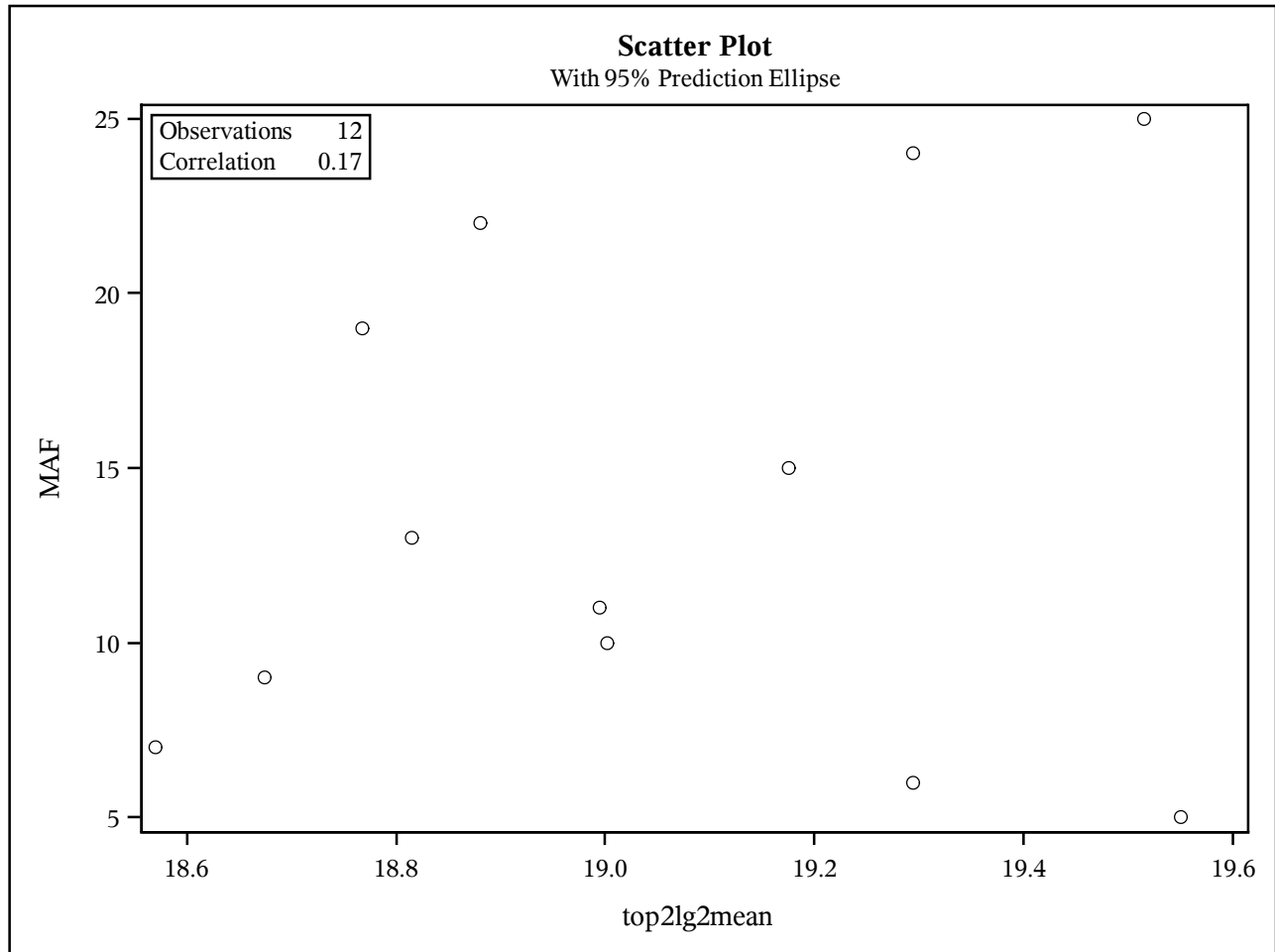
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.17001 0.5973
MAF	0.17001 0.5973	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.17001	0.17168	0.00773	0.16250	-0.453716	0.673583	0.6065

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=NTM





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=OGN

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.80877	0.64074	249.70526	19.75513	22.16848
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.56498 0.0556
MAF	-0.56498 0.0556	1.00000

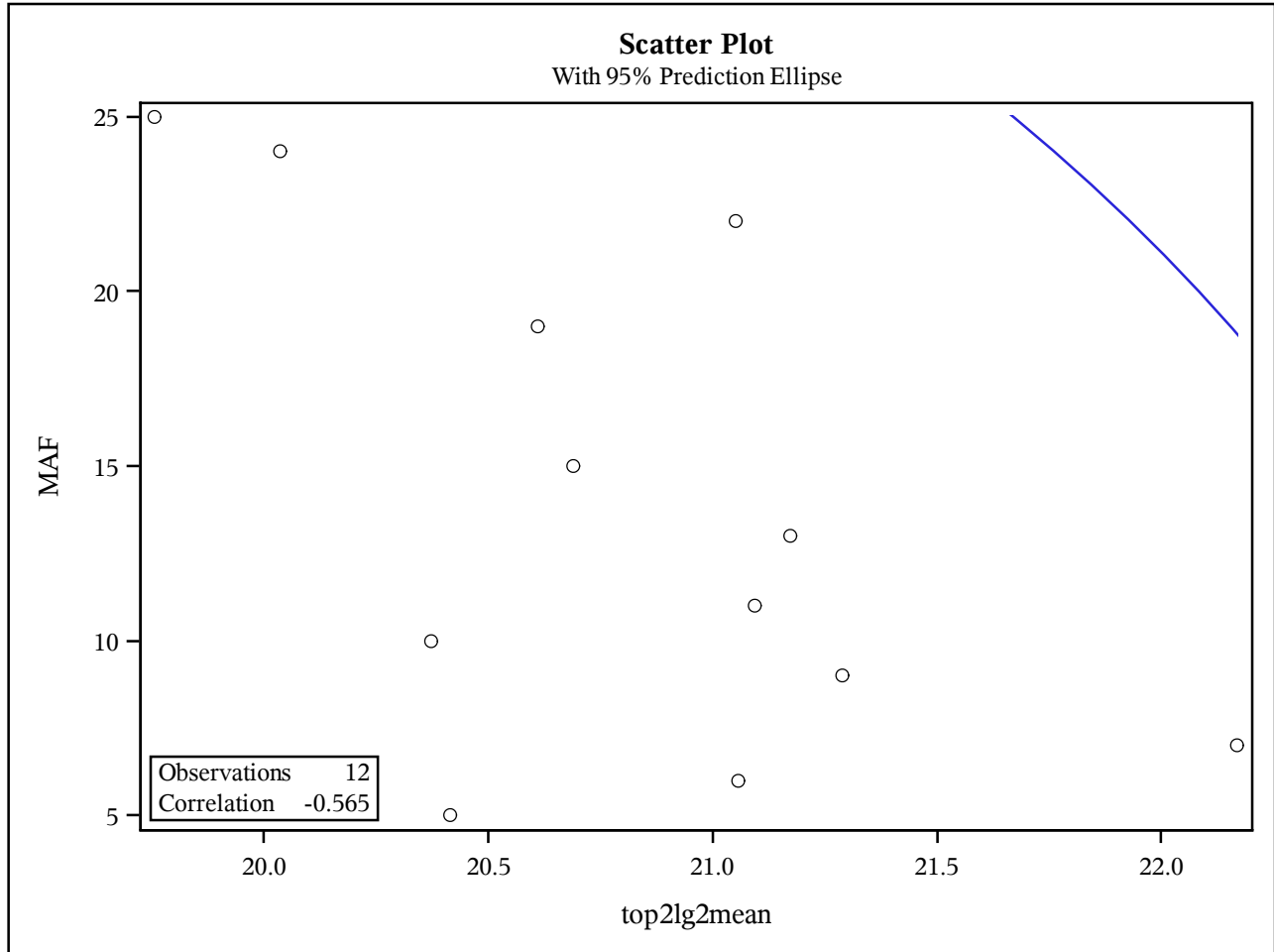
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.56498	-0.64011	-0.02568	-0.54724	-0.853188	0.038869	0.0548

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=OGN



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=ORM1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	25.27837	0.18764	303.34041	24.93241	25.59154
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.54016 0.0698
MAF	0.54016 0.0698	1.00000

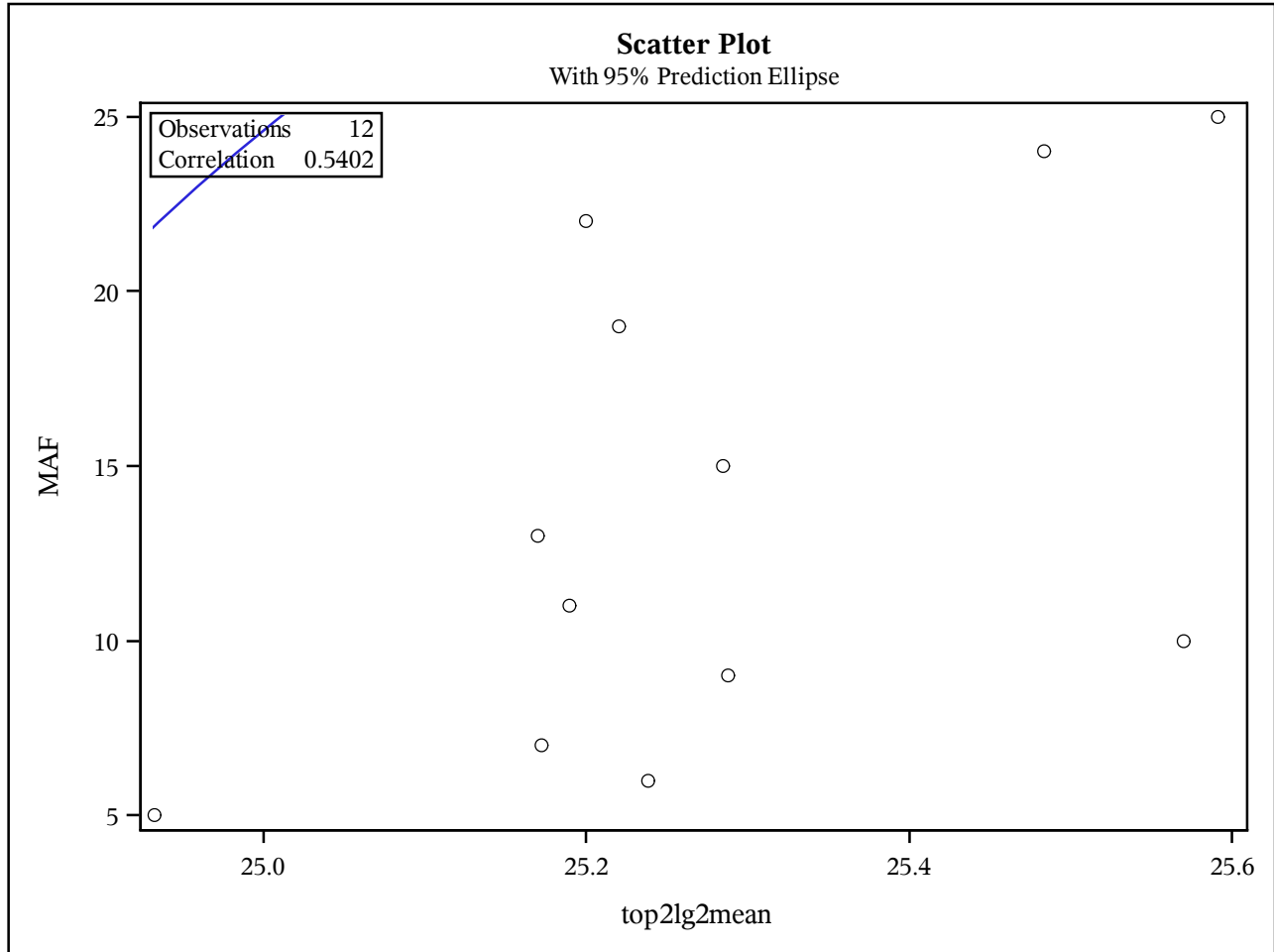
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.54016	0.60438	0.02455	0.52254	-0.073361	0.843490	0.0698

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=ORM1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=PKM2

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	16.02777	0.55684	192.33324	15.22430	17.32496
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.30041 0.3428
MAF	-0.30041 0.3428	1.00000

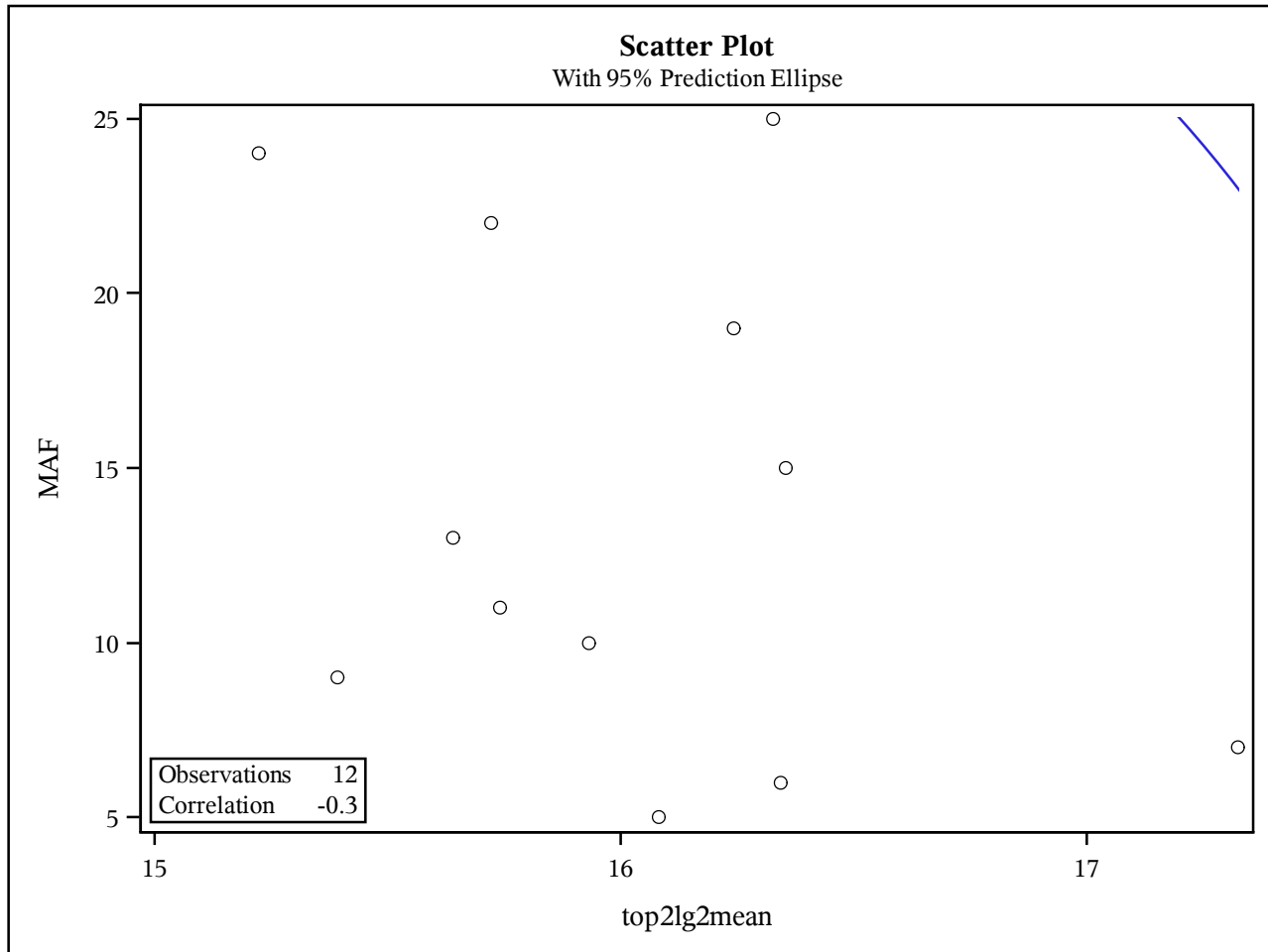
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.30041	-0.30997	-0.01365	-0.28793	-0.739616	0.342578	0.3524

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=PKM2



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=PLG

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.94222	0.16342	251.30666	20.64623	21.19274
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.19839 0.5365
MAF	0.19839 0.5365	1.00000

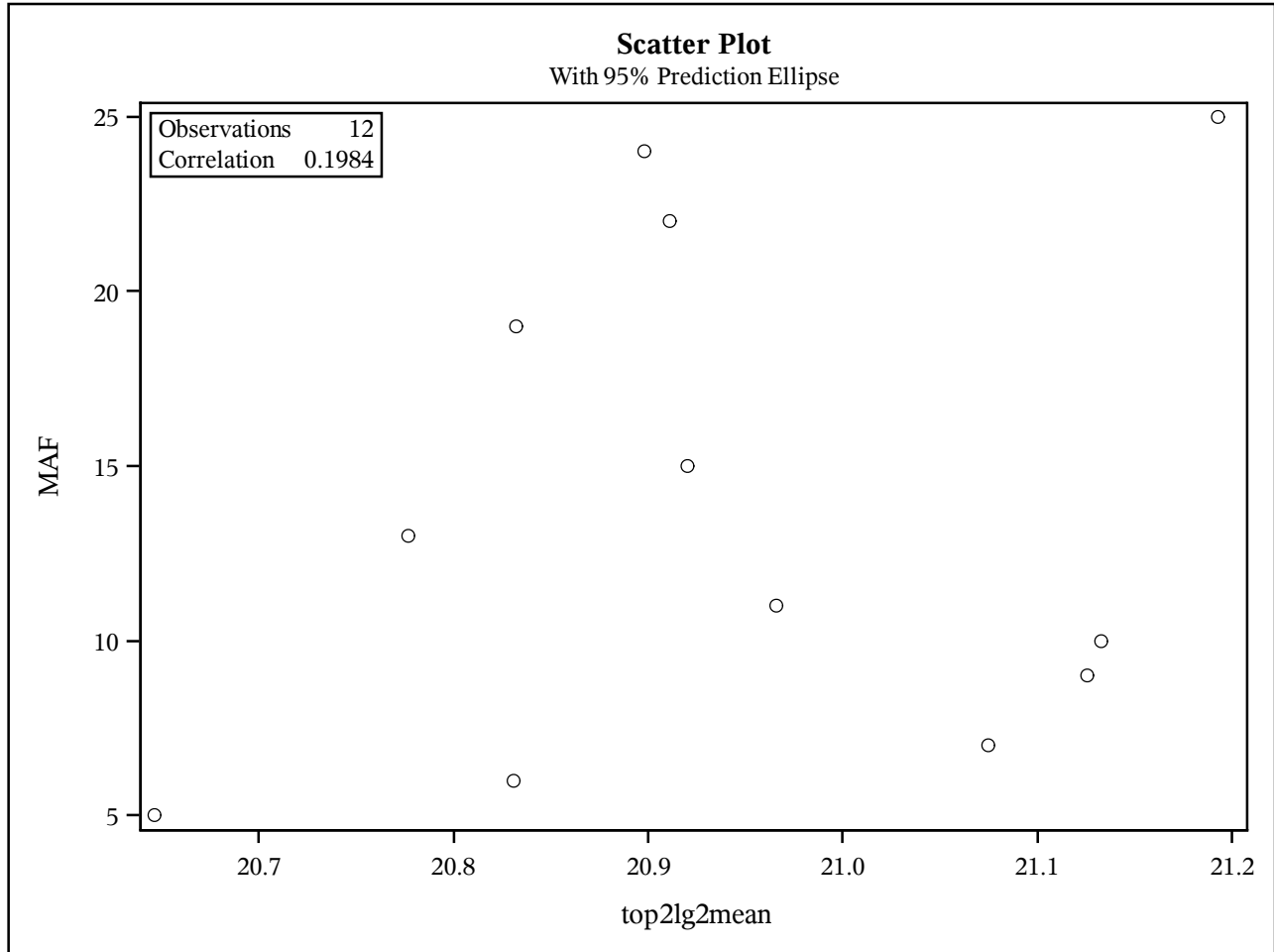
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.19839	0.20105	0.00902	0.18971	-0.431133	0.688635	0.5464

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF**

**The CORR Procedure**

Gene\_Symbol=PLG





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=PSAP

2 Variables: top2lg2mean MAF

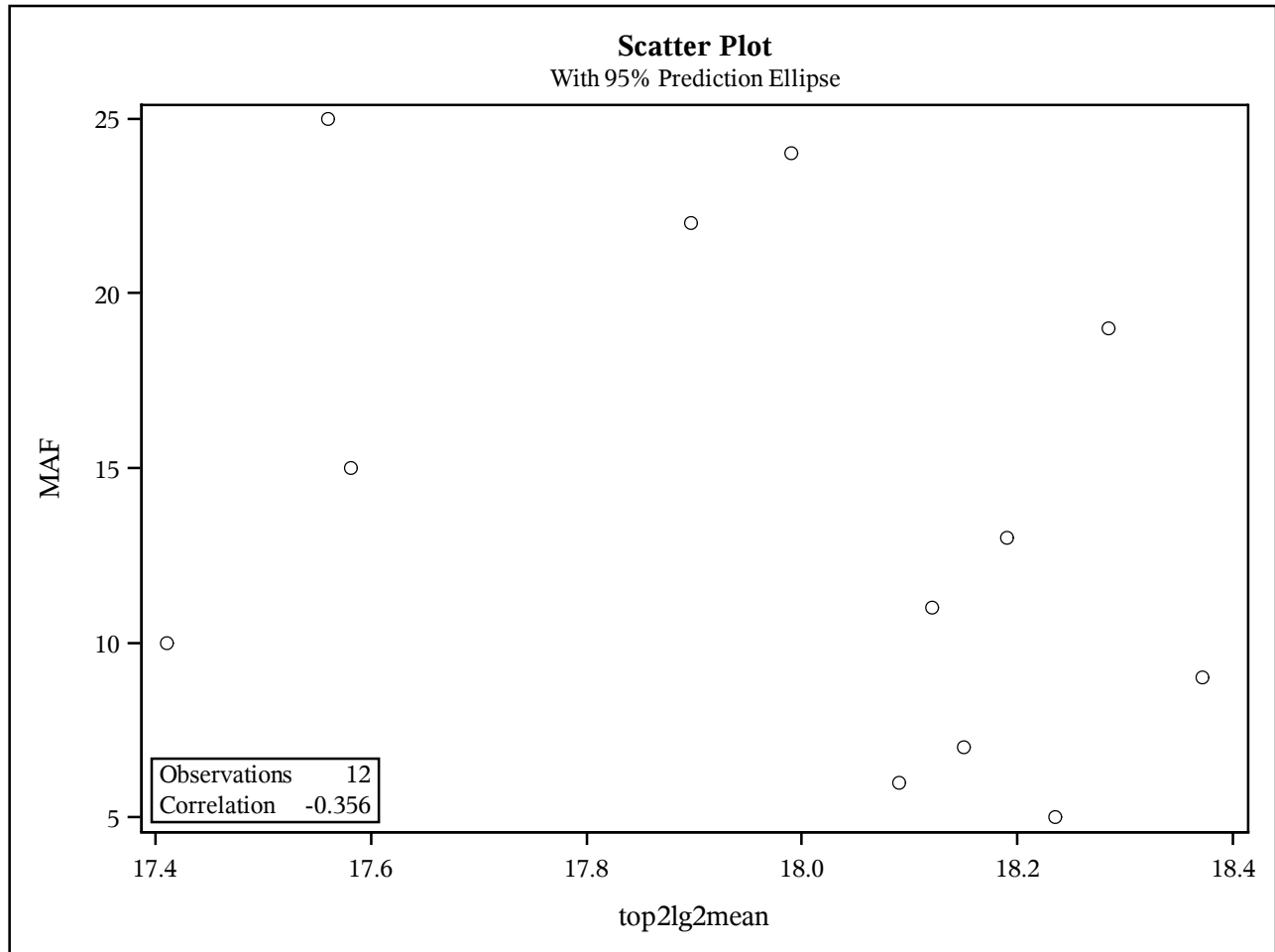
Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	17.99037	0.31361	215.88439	17.41062	18.37198
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.35563 0.2566
MAF	-0.35563 0.2566	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.35563	-0.37187	-0.01616	-0.34143	-0.765360	0.289128	0.2646

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=PSAP



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=PTGDS

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	23.74446	0.21616	284.93356	23.35282	24.11171
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

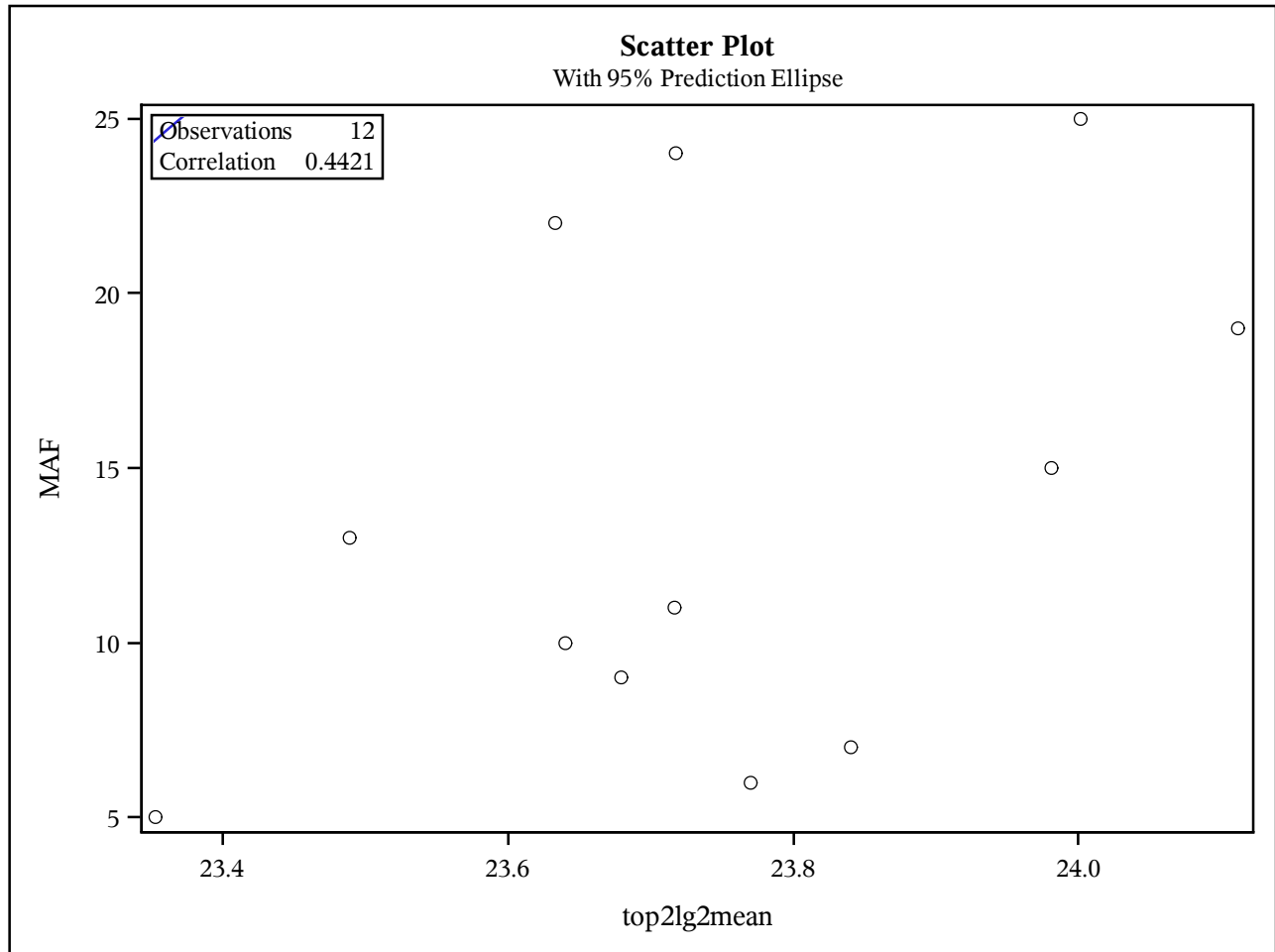
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.44208 0.1502
MAF	0.44208 0.1502	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.44208	0.47481	0.02009	0.42577	-0.196038	0.803366	0.1543

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=PTGDS



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=RBP4

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.68553	0.17505	248.22639	20.30637	20.87414
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

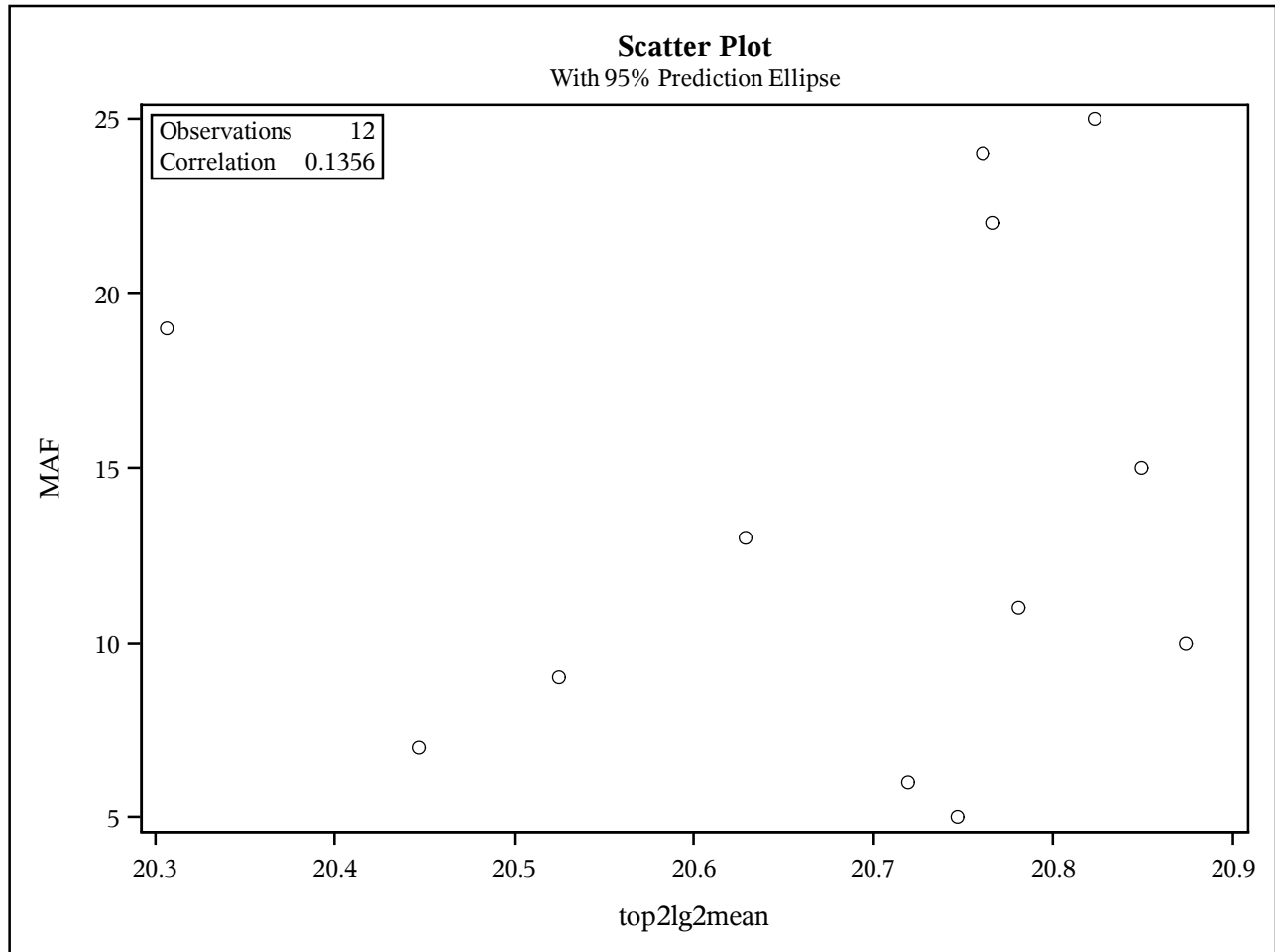
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.13563 0.6743
MAF	0.13563 0.6743	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.13563	0.13647	0.00617	0.12958	-0.480023	0.654785	0.6822

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=RBP4



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=RNASE1

2 Variables: top2lg2mean MAF

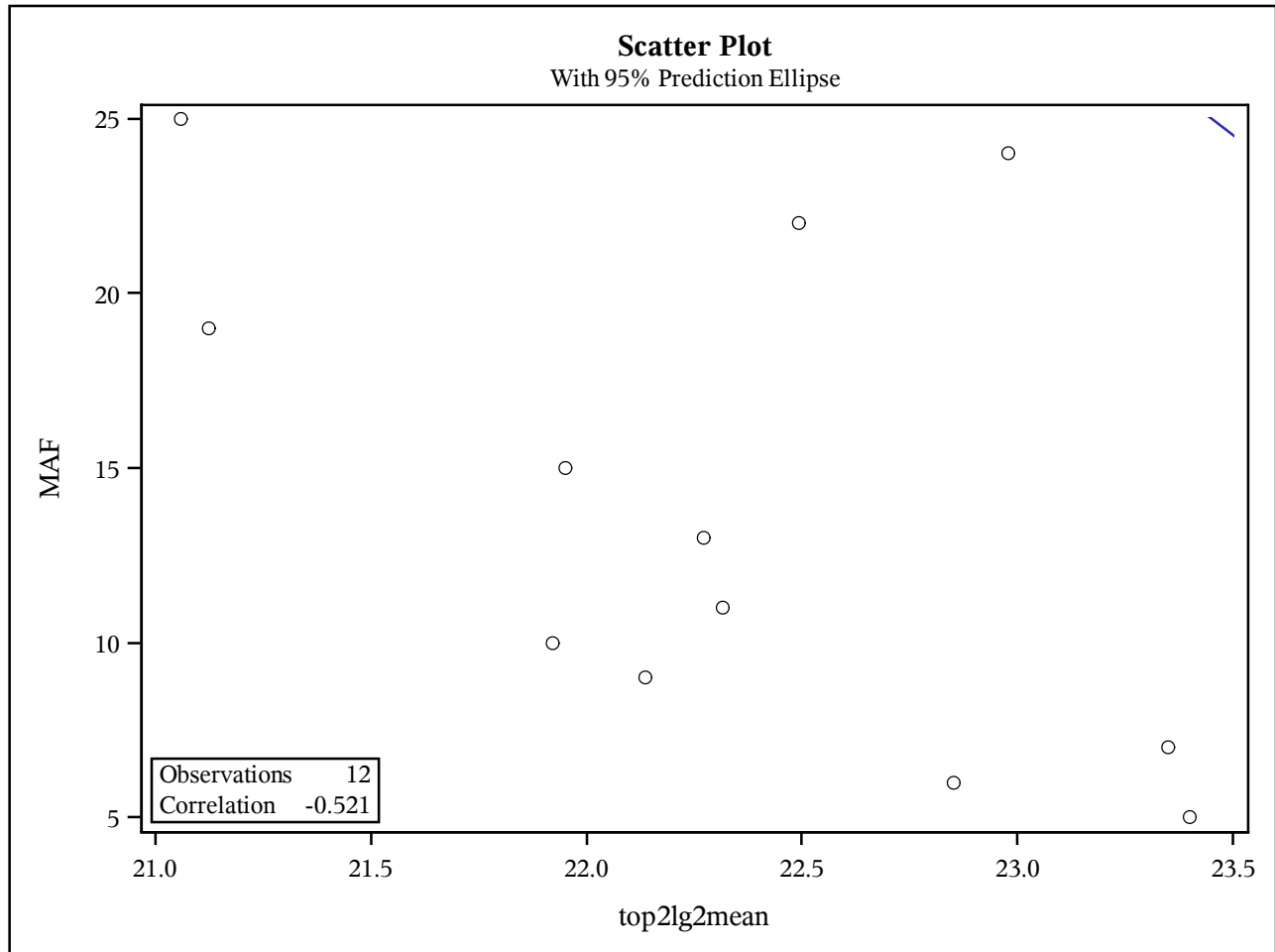
Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	22.32073	0.75803	267.84872	21.06036	23.40056
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.52065 0.0826
MAF	-0.52065 0.0826	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.52065	-0.57724	-0.02367	-0.50319	-0.835745	0.099421	0.0833

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=RNASE1





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SCG3

2 Variables: top2lg2mean MAF

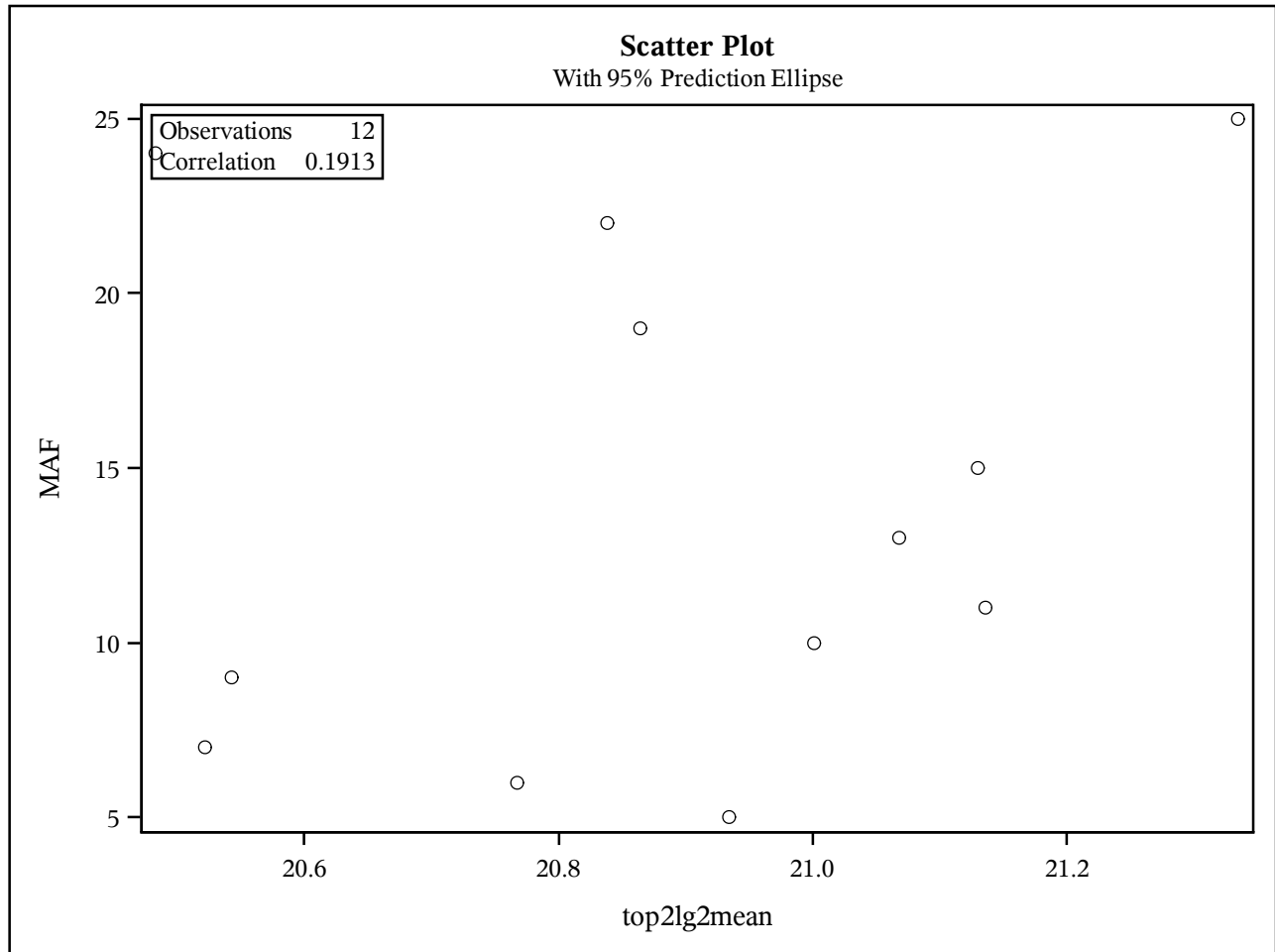
Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.88501	0.26995	250.62014	20.48278	21.33450
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.19128 0.5515
MAF	0.19128 0.5515	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.19128	0.19367	0.00869	0.18289	-0.436865	0.684904	0.5612

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SCG3



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SERPINA3

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	22.62516	0.32380	271.50187	22.10855	23.09064
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

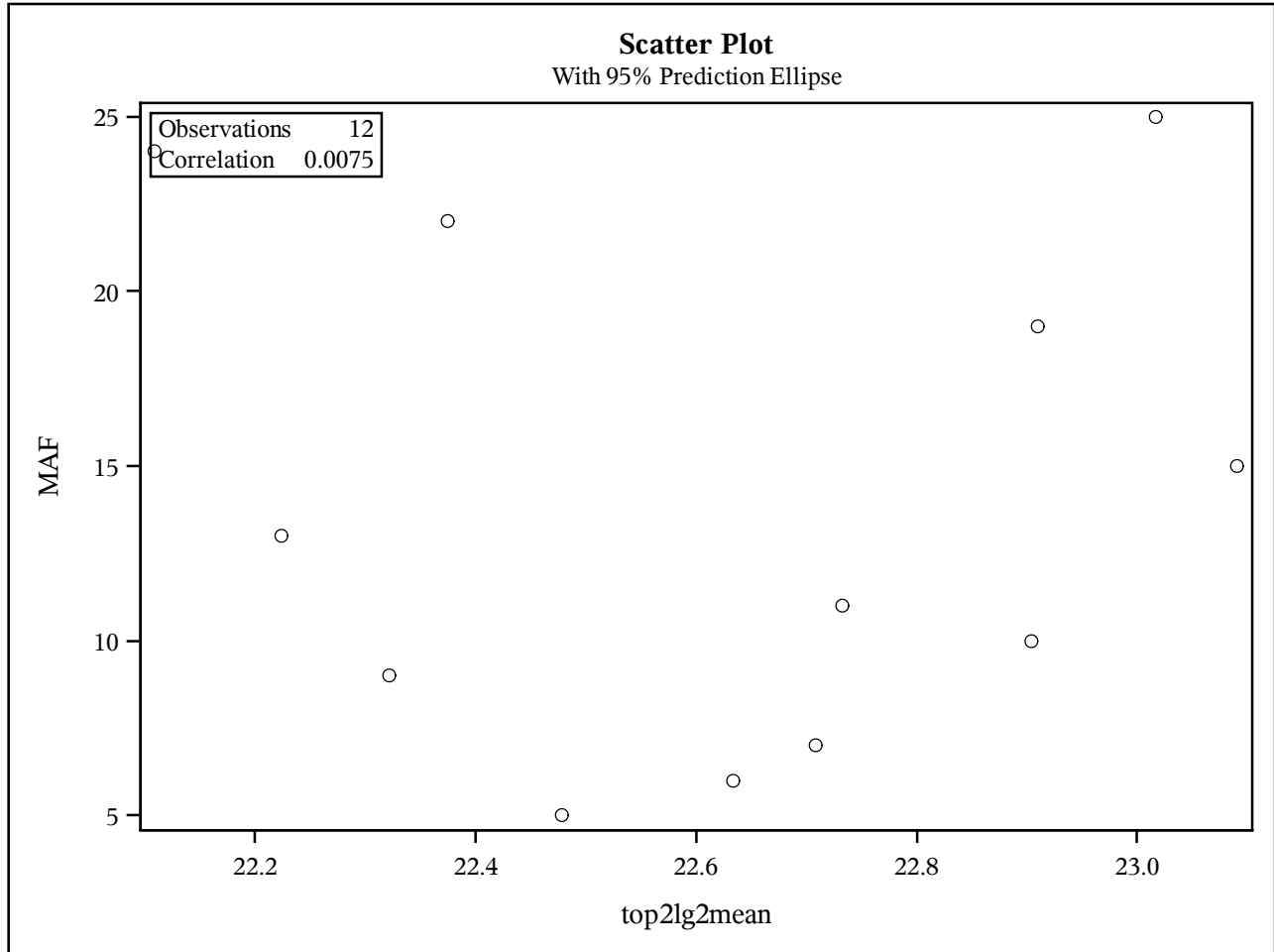
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.00748 0.9816
MAF	0.00748 0.9816	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.00748	0.00748	0.0003398	0.00714	-0.569096	0.578668	0.9821

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=SERPINA3



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SERPINC1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	21.46794	0.16544	257.61532	21.17691	21.68697
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

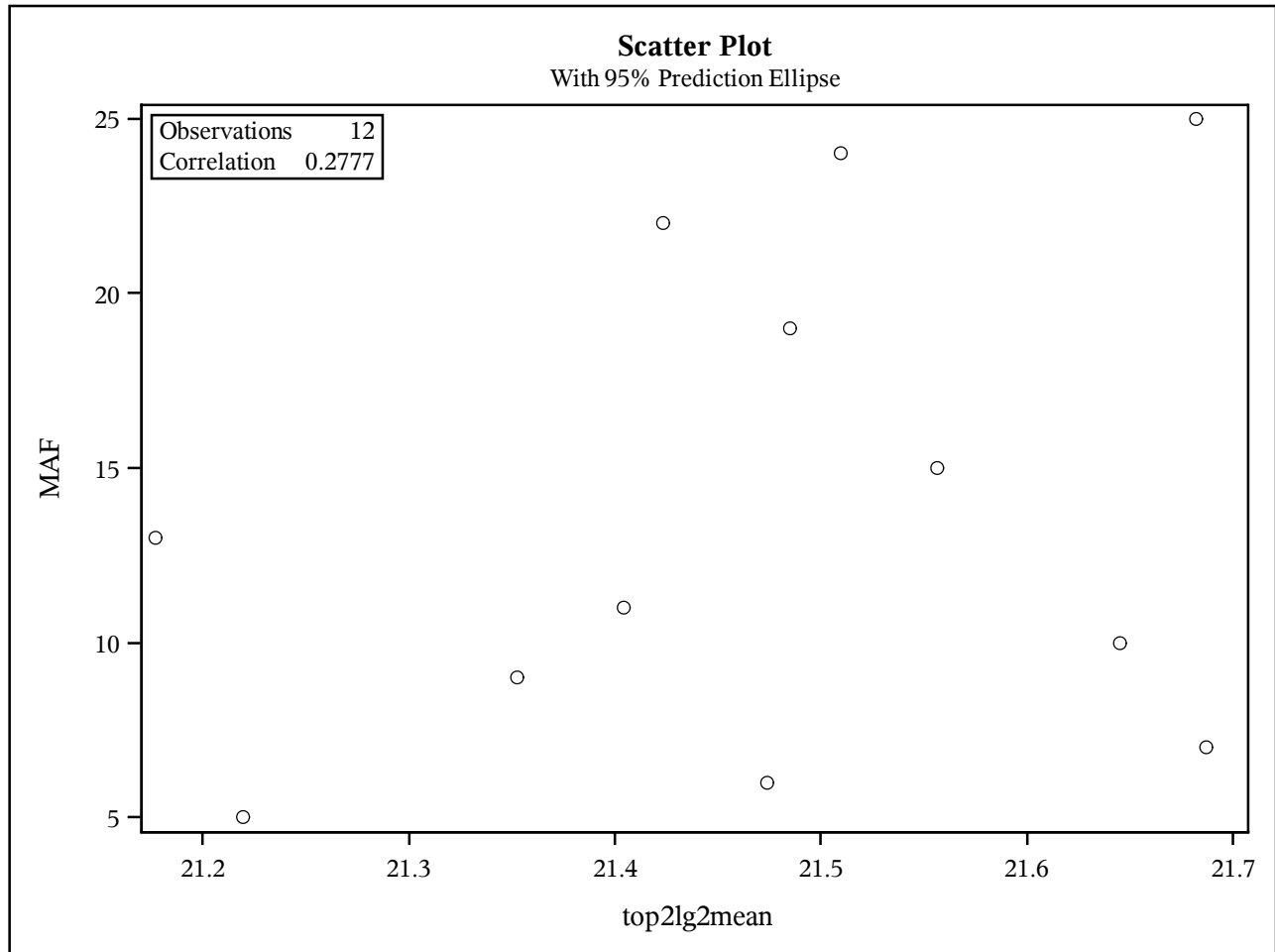
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.27772 0.3821
MAF	0.27772 0.3821	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.27772	0.28521	0.01262	0.26603	-0.363349	0.728678	0.3922

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SERPINC1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SERPIND1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	17.67289	0.55318	212.07465	16.75935	18.49608
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

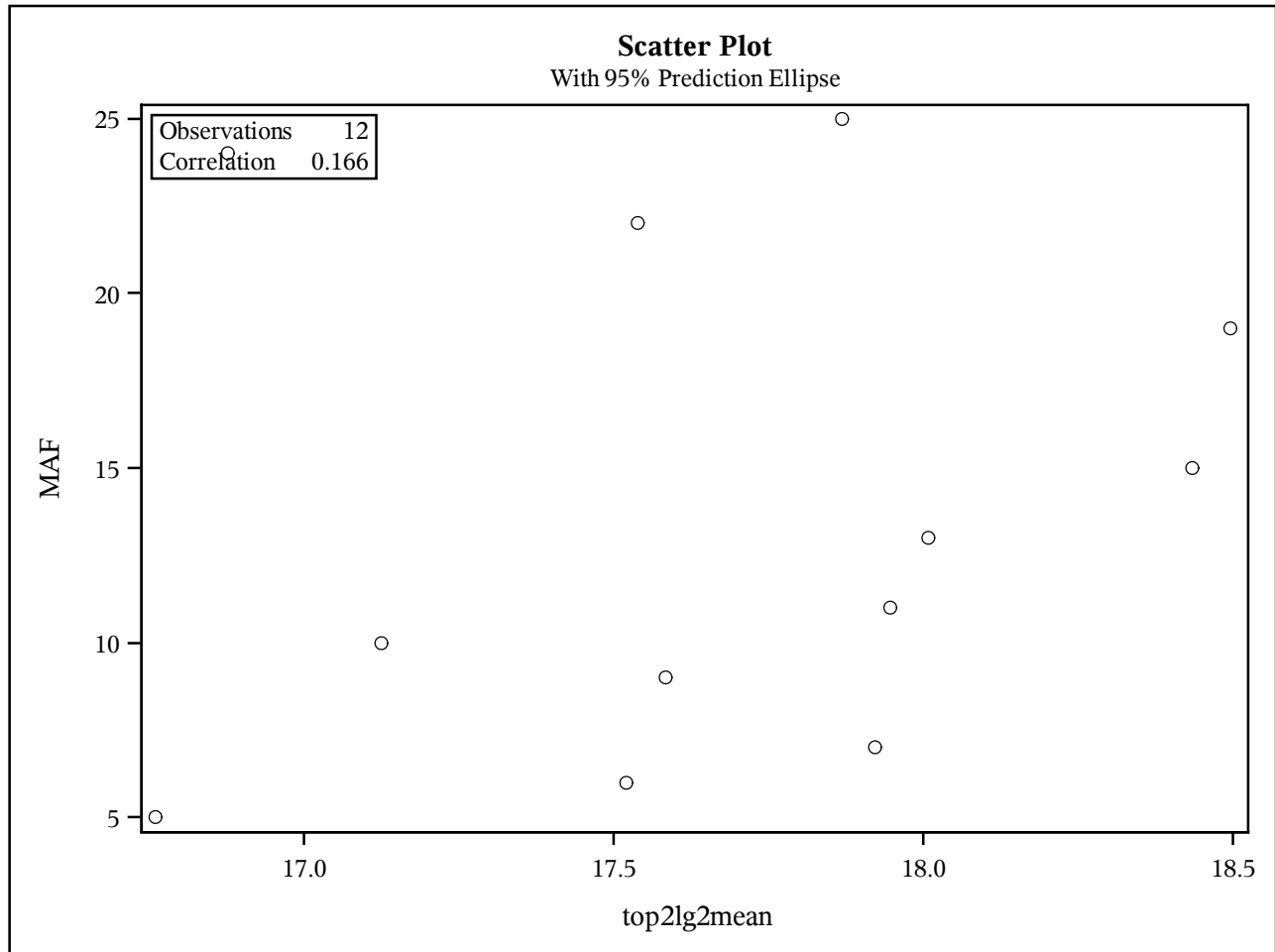
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.16599 0.6061
MAF	0.16599 0.6061	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.16599	0.16754	0.00755	0.15865	-0.456849	0.671418	0.6152

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SERPIND1





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SERPINF1

2 Variables: top2lg2mean MAF

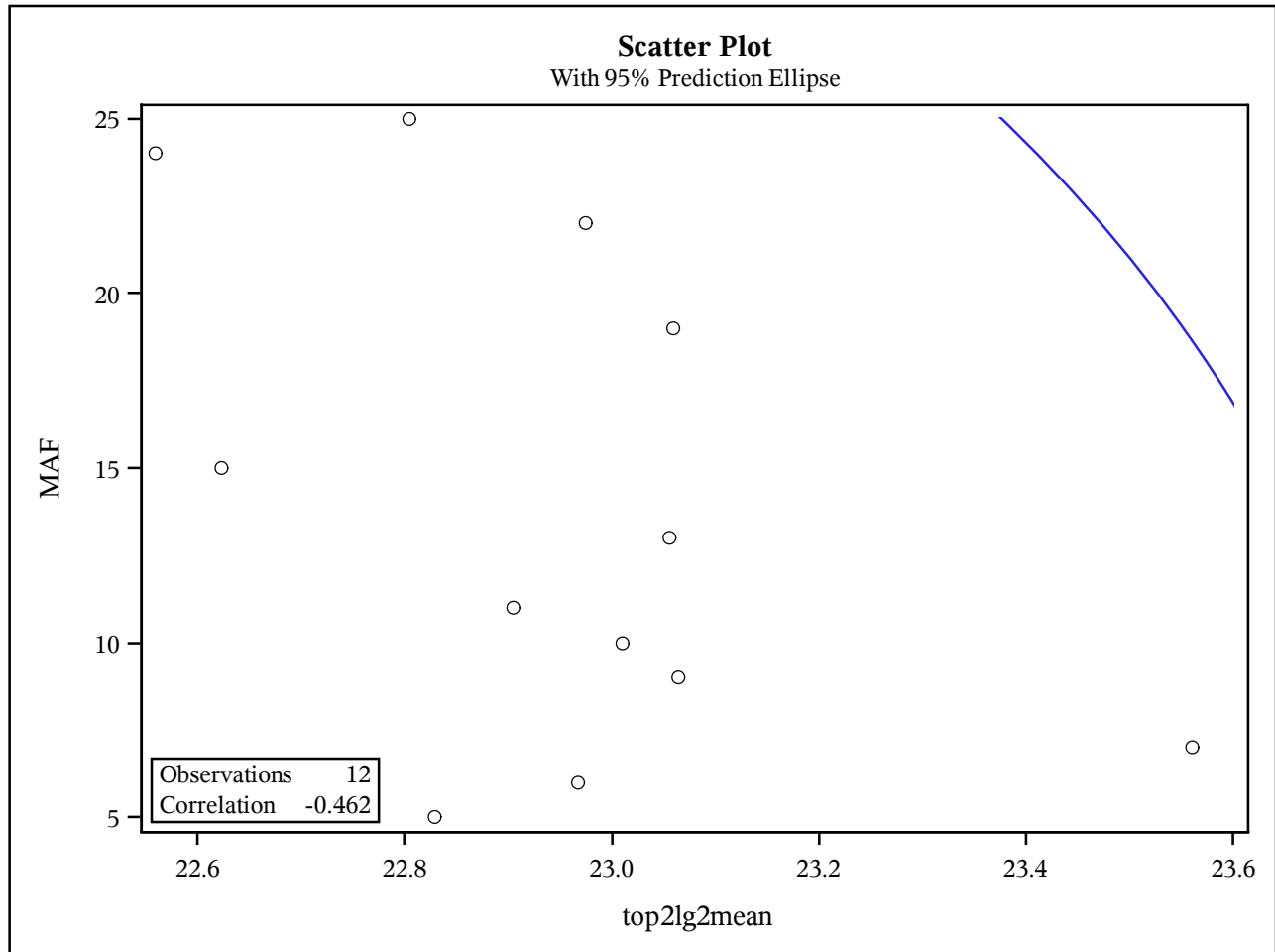
Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	22.95120	0.25443	275.41434	22.55917	23.56111
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.46203 0.1305
MAF	-0.46203 0.1305	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.46203	-0.49988	-0.02100	-0.44535	-0.811772	0.172691	0.1337

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=SERPINF1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SERPING1

2 Variables: top2lg2mean MAF

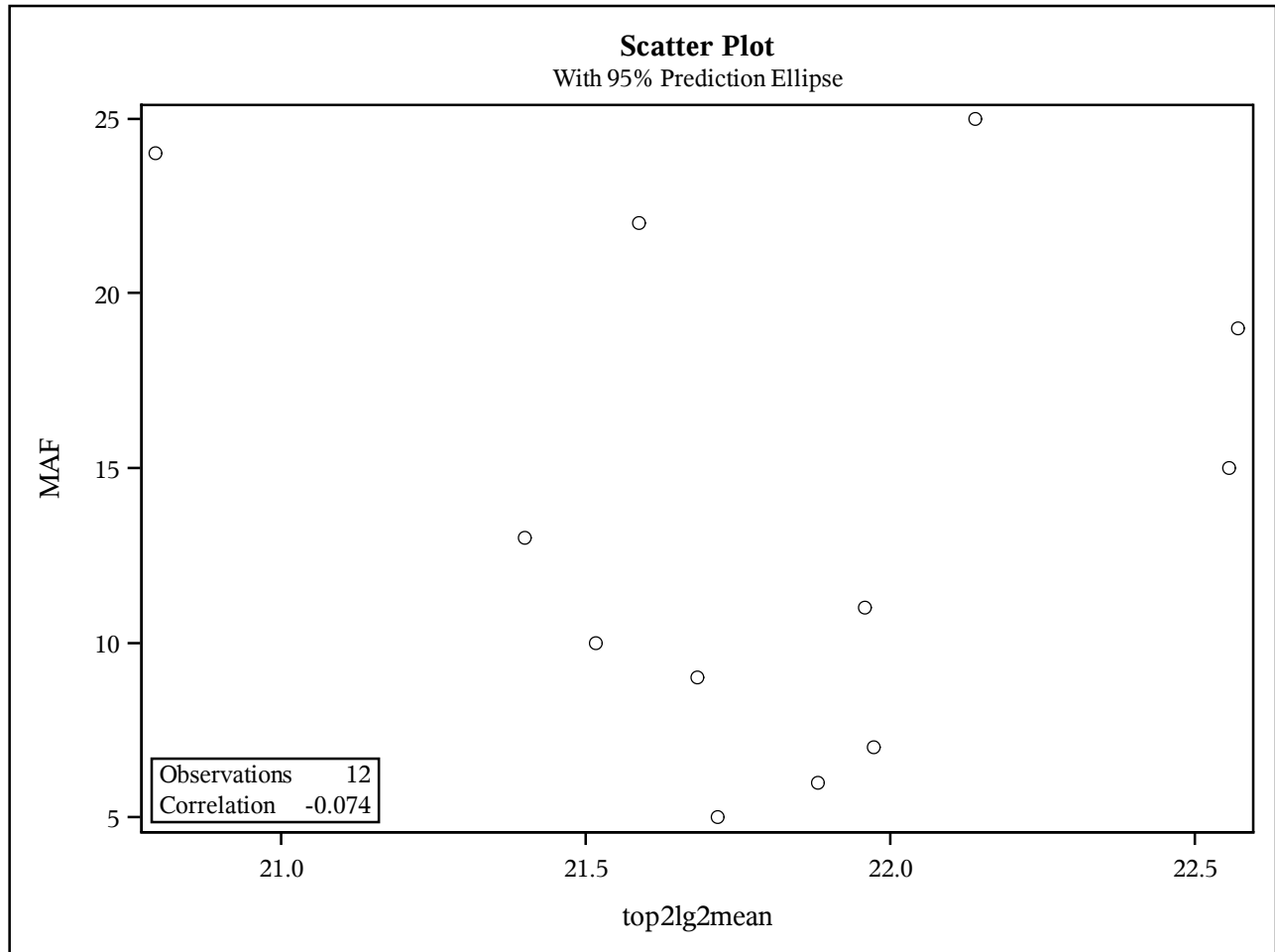
Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	21.81399	0.49183	261.76791	20.79293	22.57029
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.07424 0.8186
MAF	-0.07424 0.8186	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.07424	-0.07438	-0.00337	-0.07088	-0.619581	0.524348	0.8234

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=SERPING1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SIRPA

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	18.70502	0.32043	224.46021	18.32002	19.31147
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.38309 0.2190
MAF	0.38309 0.2190	1.00000

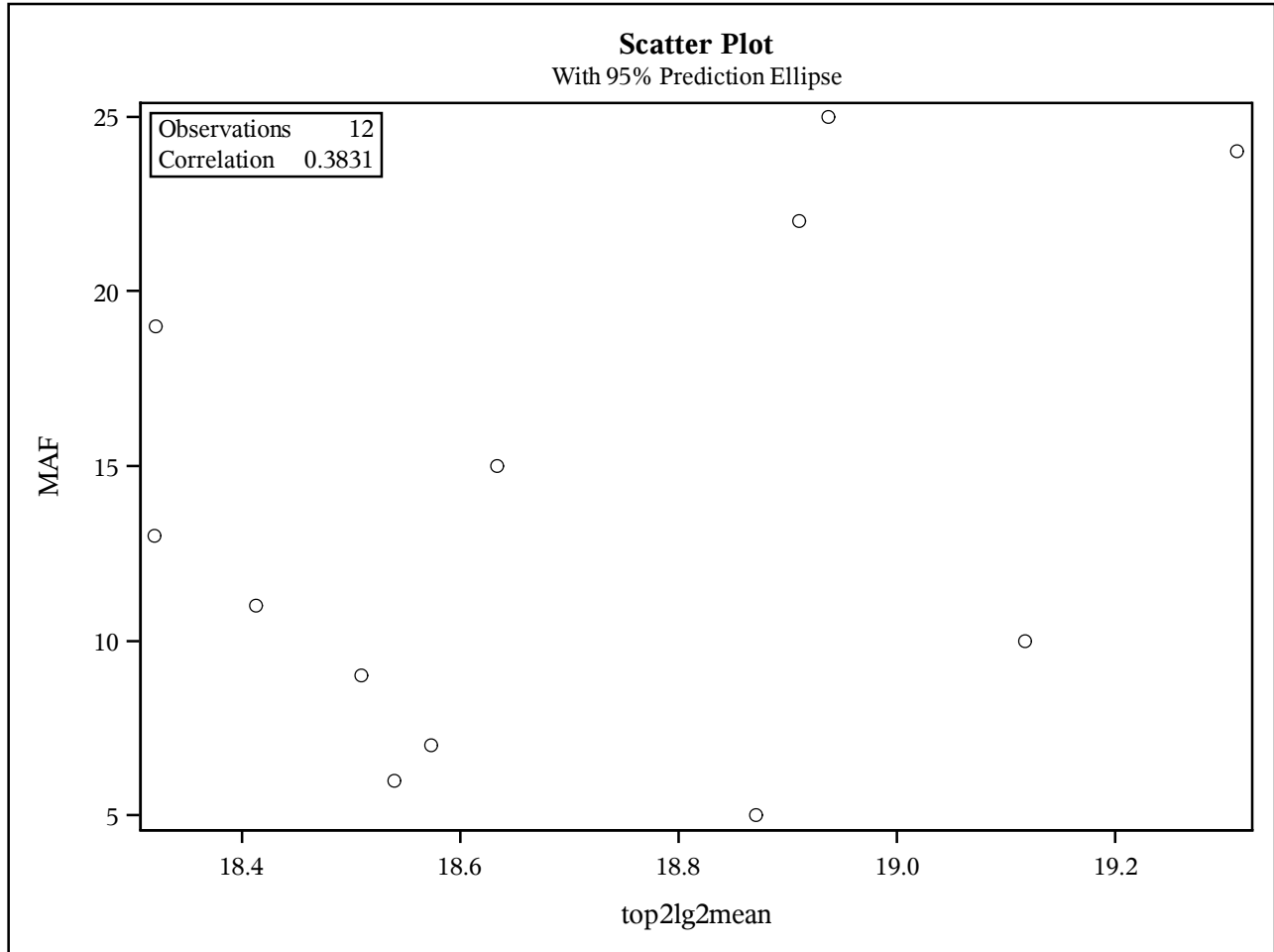
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.38309	0.40367	0.01741	0.36813	-0.260887	0.777723	0.2259

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF**

**The CORR Procedure**

Gene\_Symbol=SIRPA



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SOD1

2 Variables: top2lg2mean MAF

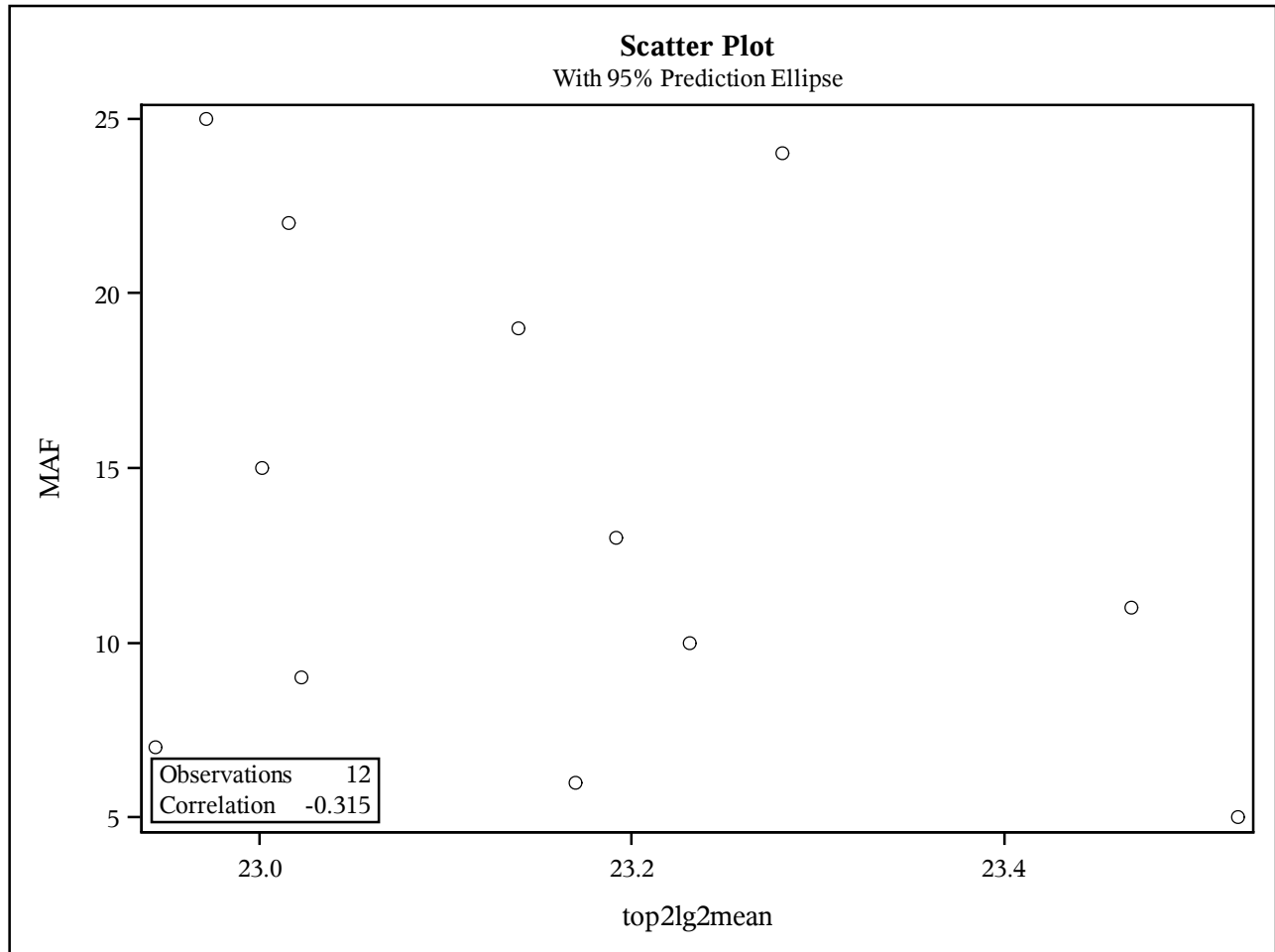
Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	23.16349	0.19007	277.96185	22.94400	23.52580
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.31532 0.3181
MAF	-0.31532 0.3181	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.31532	-0.32644	-0.01433	-0.30236	-0.746690	0.328558	0.3274

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SOD1





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SOD3

2 Variables: top2lg2mean MAF

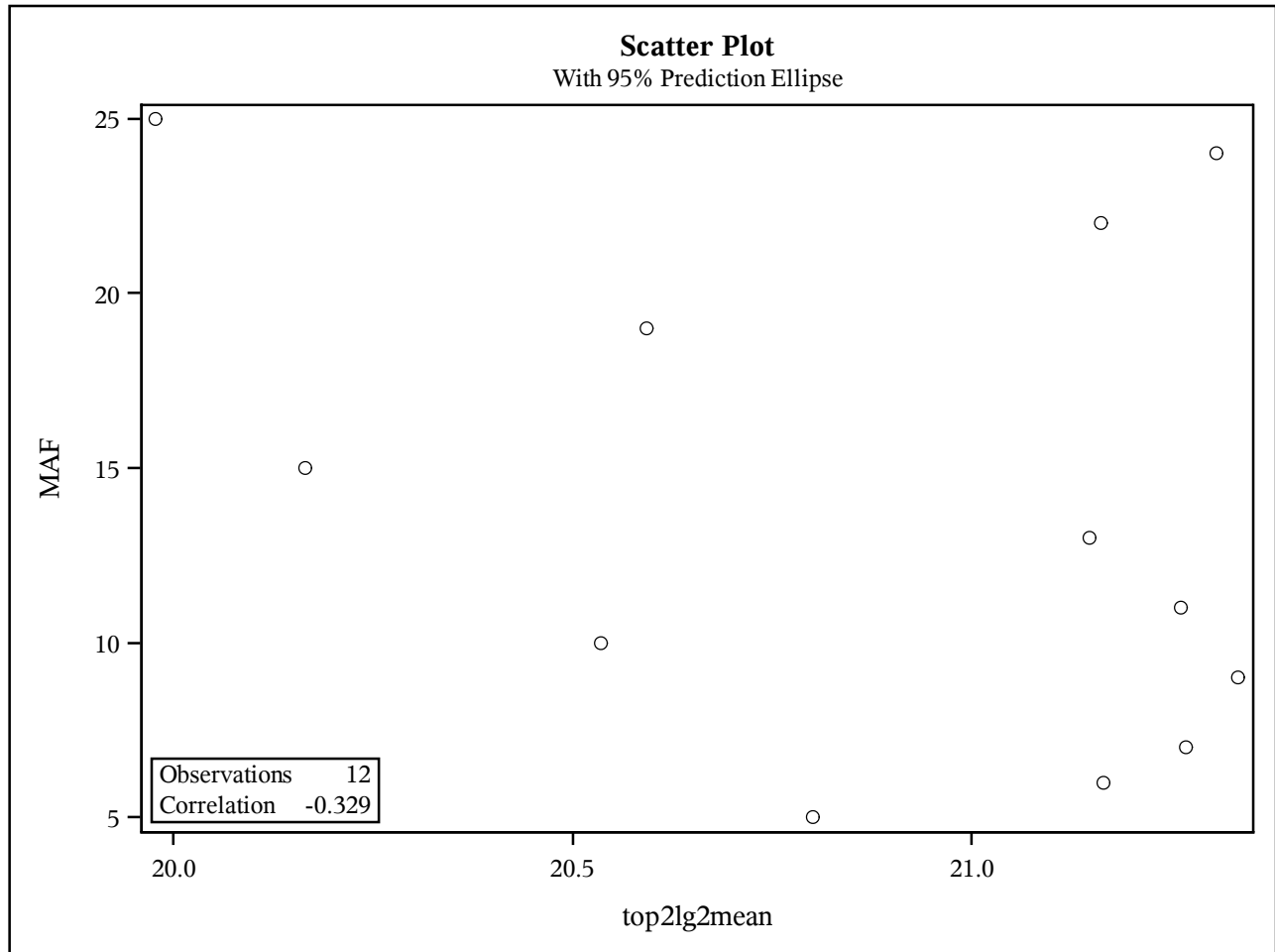
Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.89297	0.47158	250.71558	19.97754	21.33323
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.32876 0.2968
MAF	-0.32876 0.2968	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.32876	-0.34144	-0.01494	-0.31537	-0.752987	0.315665	0.3057

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SOD3



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SPARCL1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	21.56743	0.29155	258.80916	20.82870	22.02751
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

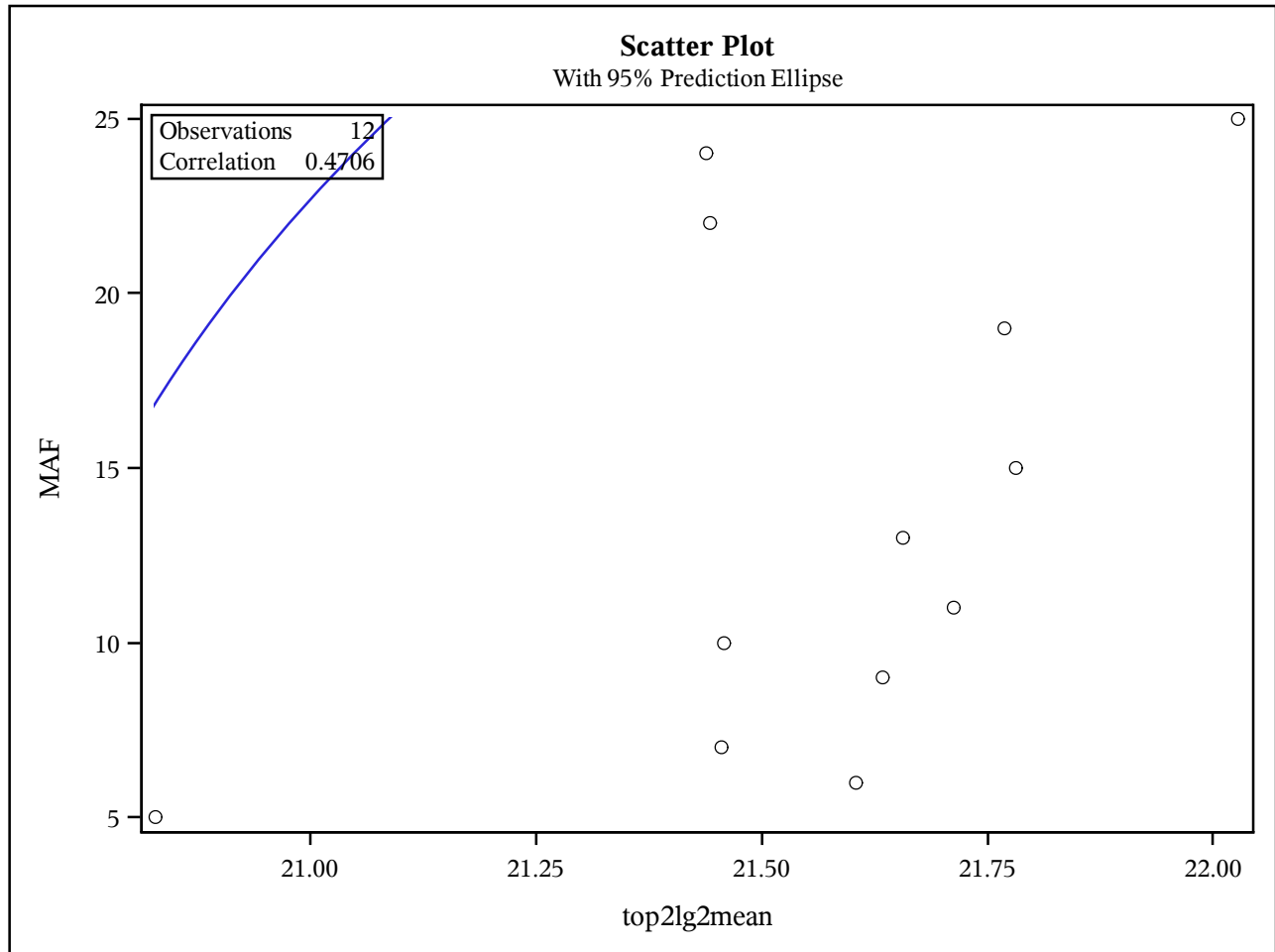
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.47057 0.1226
MAF	0.47057 0.1226	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.47057	0.51080	0.02139	0.45375	-0.162458	0.815332	0.1254

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SPARCL1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=SPP1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	21.53026	0.31804	258.36306	20.94234	21.95977
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

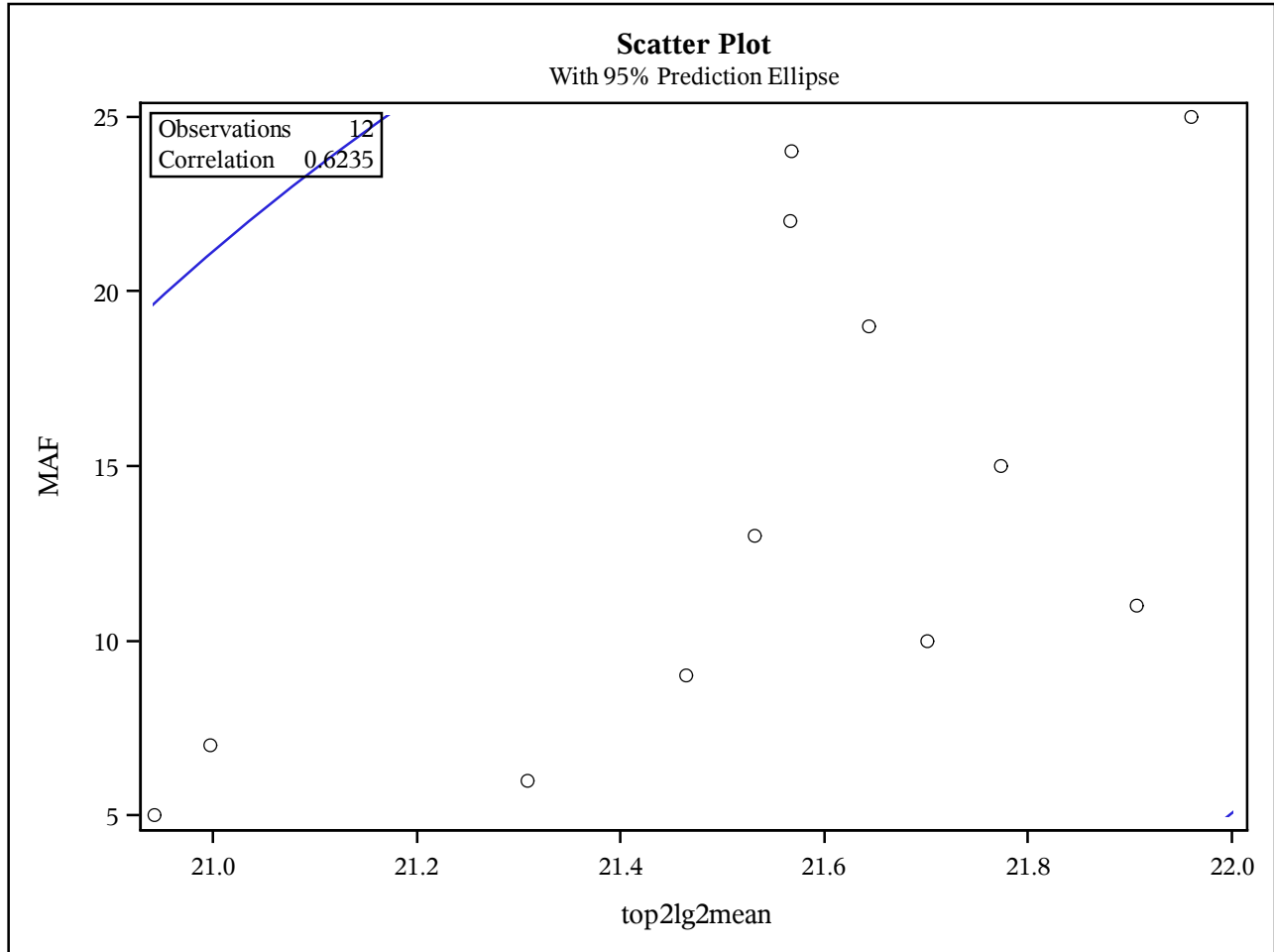
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.62353 0.0303
MAF	0.62353 0.0303	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.62353	0.73076	0.02834	0.60590	0.049061	0.875402	0.0284

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=SPP1



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=THY1

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	21.42731	0.30687	257.12772	20.79614	21.87430
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.37242 0.2332
MAF	0.37242 0.2332	1.00000

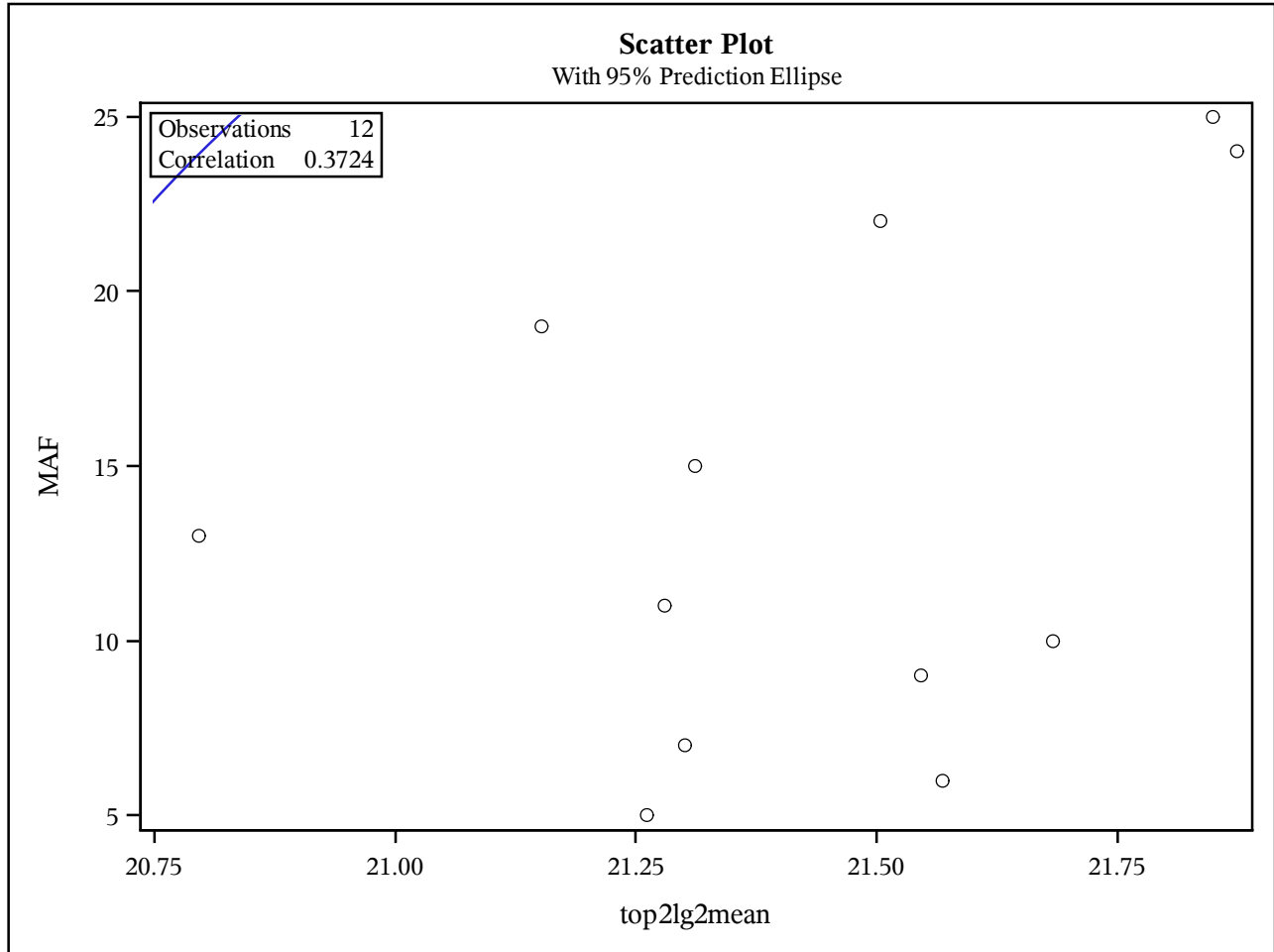
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.37242	0.39122	0.01693	0.35774	-0.272002	0.772951	0.2405

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=THY1





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=TTR

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	27.71611	0.13881	332.59337	27.42233	27.91455
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

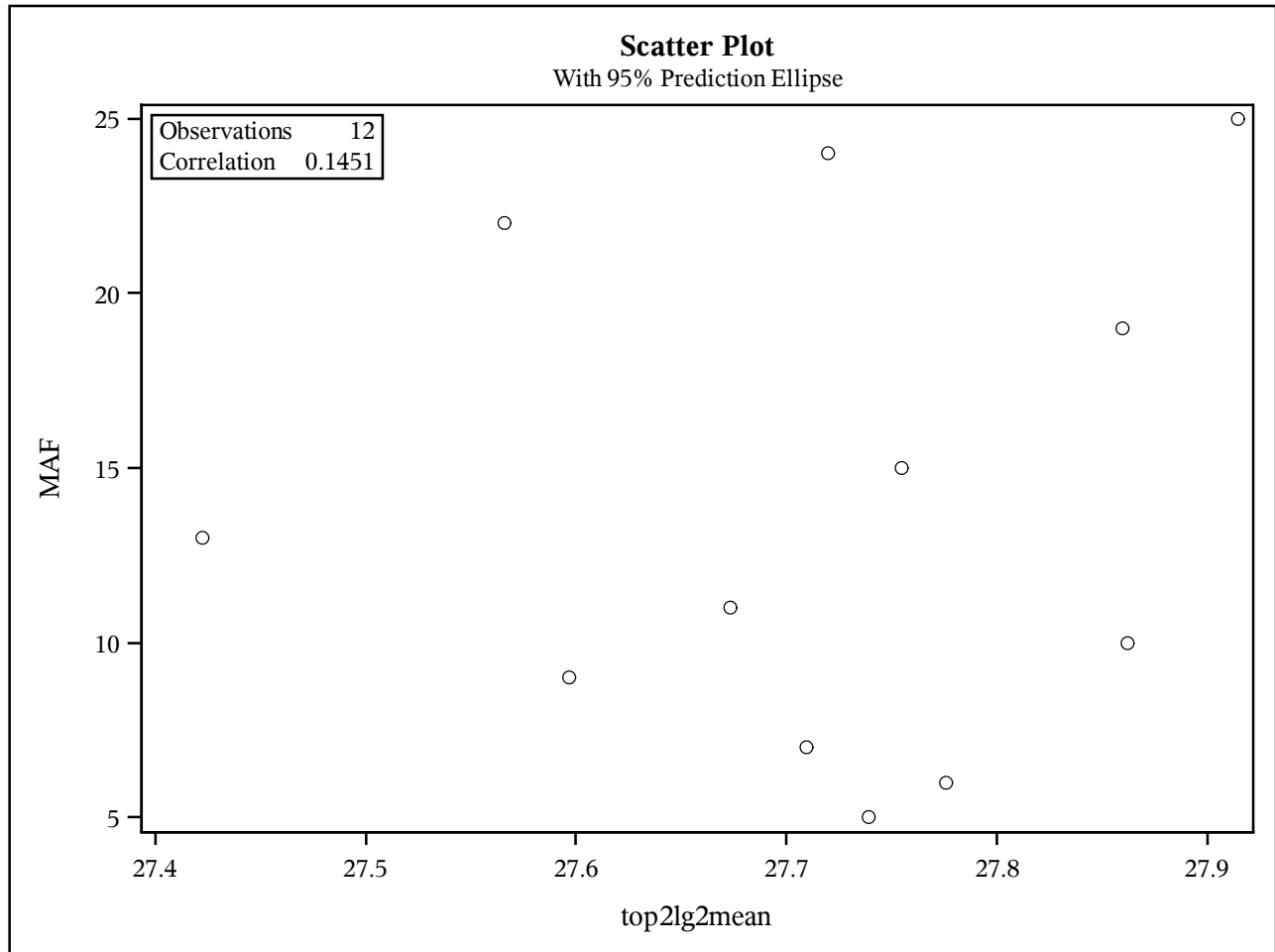
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.14512 0.6527
MAF	0.14512 0.6527	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.14512	0.14615	0.00660	0.13866	-0.472874	0.660036	0.6611

**Correlation  $C_{pooltop2lg2mean\_tp2}$  symbol MAF****The CORR Procedure**

Gene\_Symbol=TTR



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=UBA52

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	20.04327	0.66303	240.51925	18.84271	21.12546
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

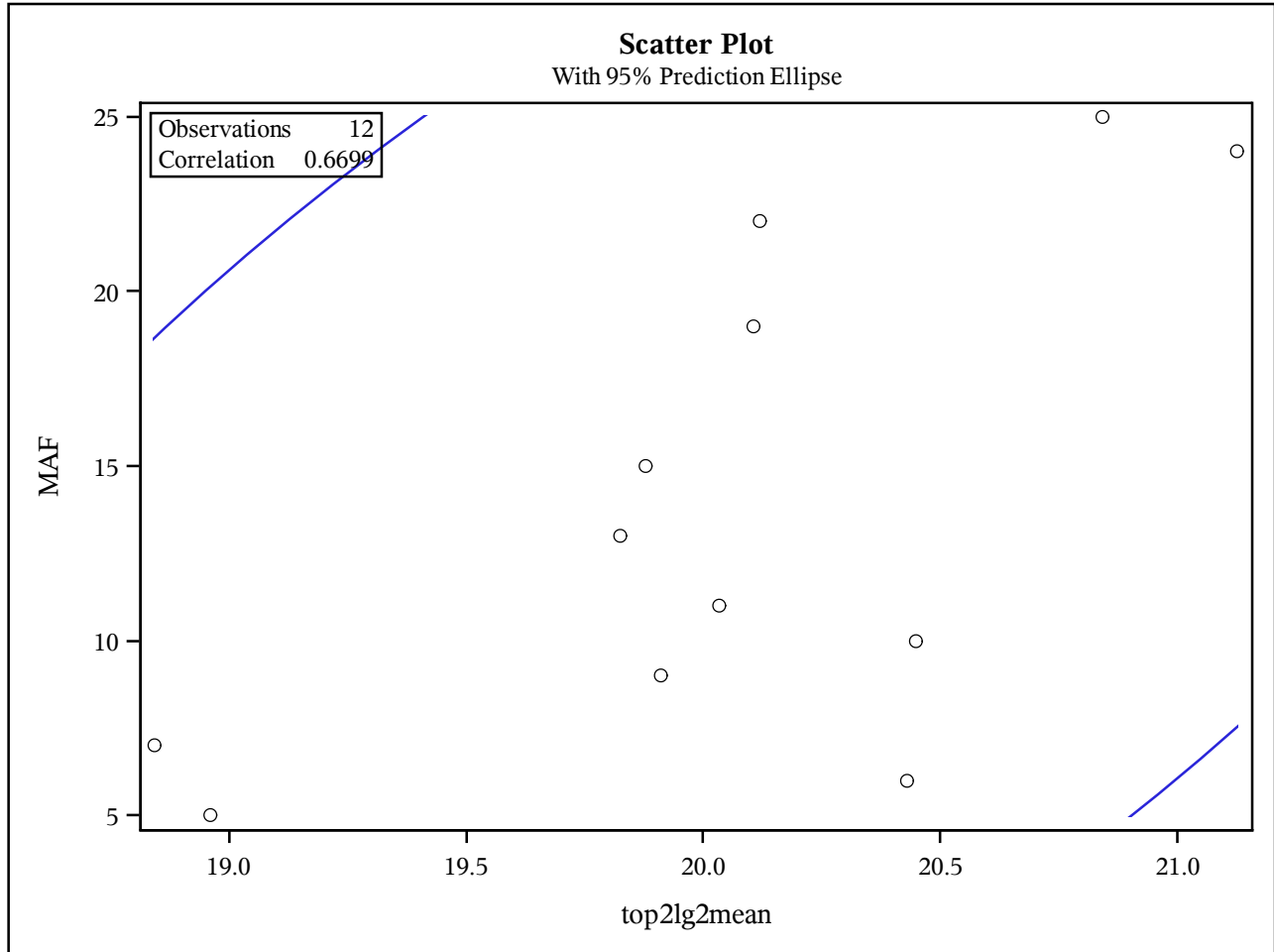
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.66990 0.0172
MAF	0.66990 0.0172	1.00000

Pearson Correlation Statistics (Fisher's z Transformation)									
Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.66990	0.81056	0.03045	0.65277	0.126116	0.892368	0.0150

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=UBA52



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=VGF

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	17.78075	0.64762	213.36900	16.63359	18.78800
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

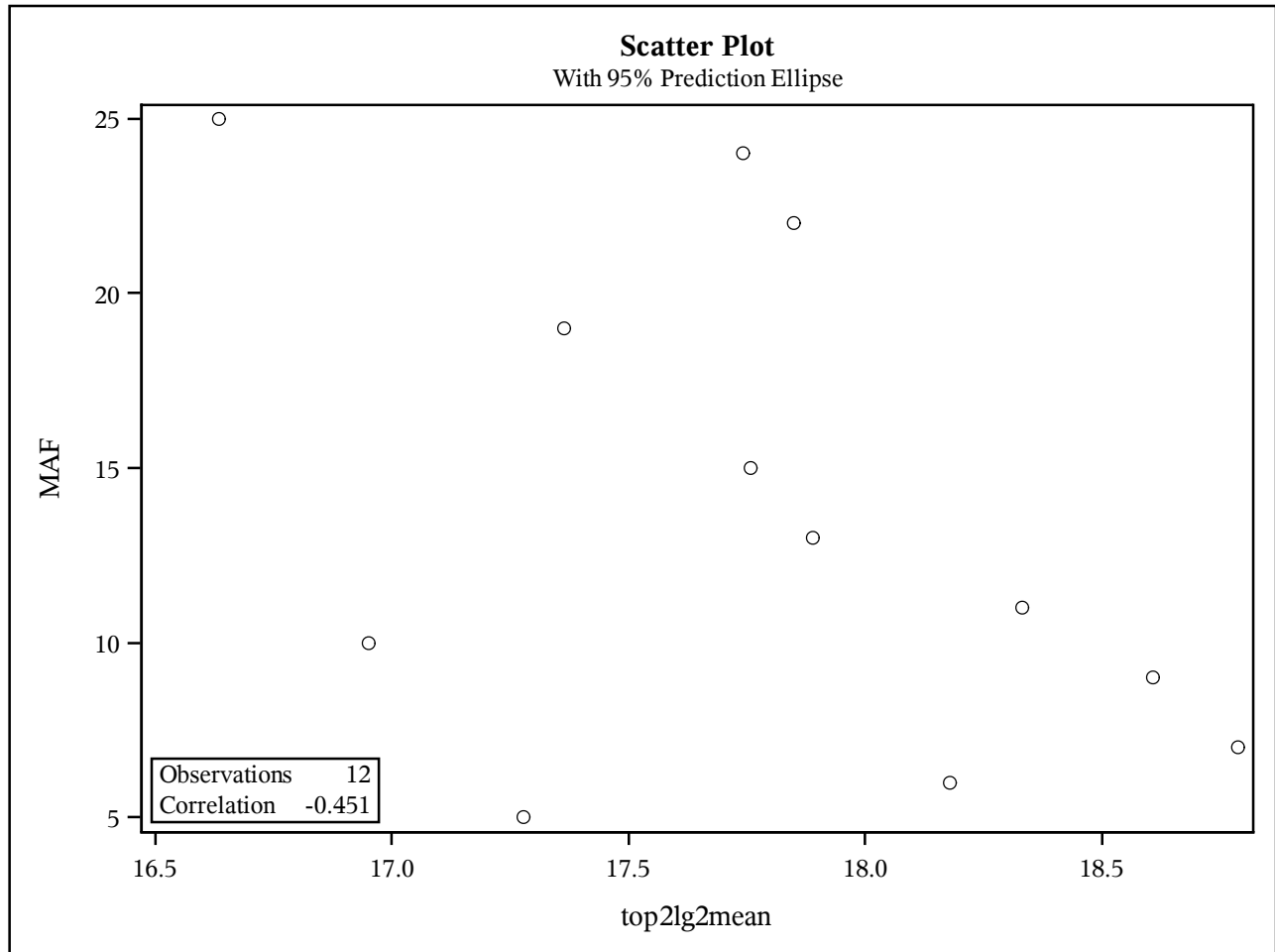
Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.45136 0.1408
MAF	-0.45136 0.1408	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.45136	-0.48641	-0.02052	-0.43488	-0.807297	0.185261	0.1445

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=VGF



**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=VSTM2A

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	18.95094	0.20903	227.41134	18.48949	19.22659
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	0.50398 0.0948
MAF	0.50398 0.0948	1.00000

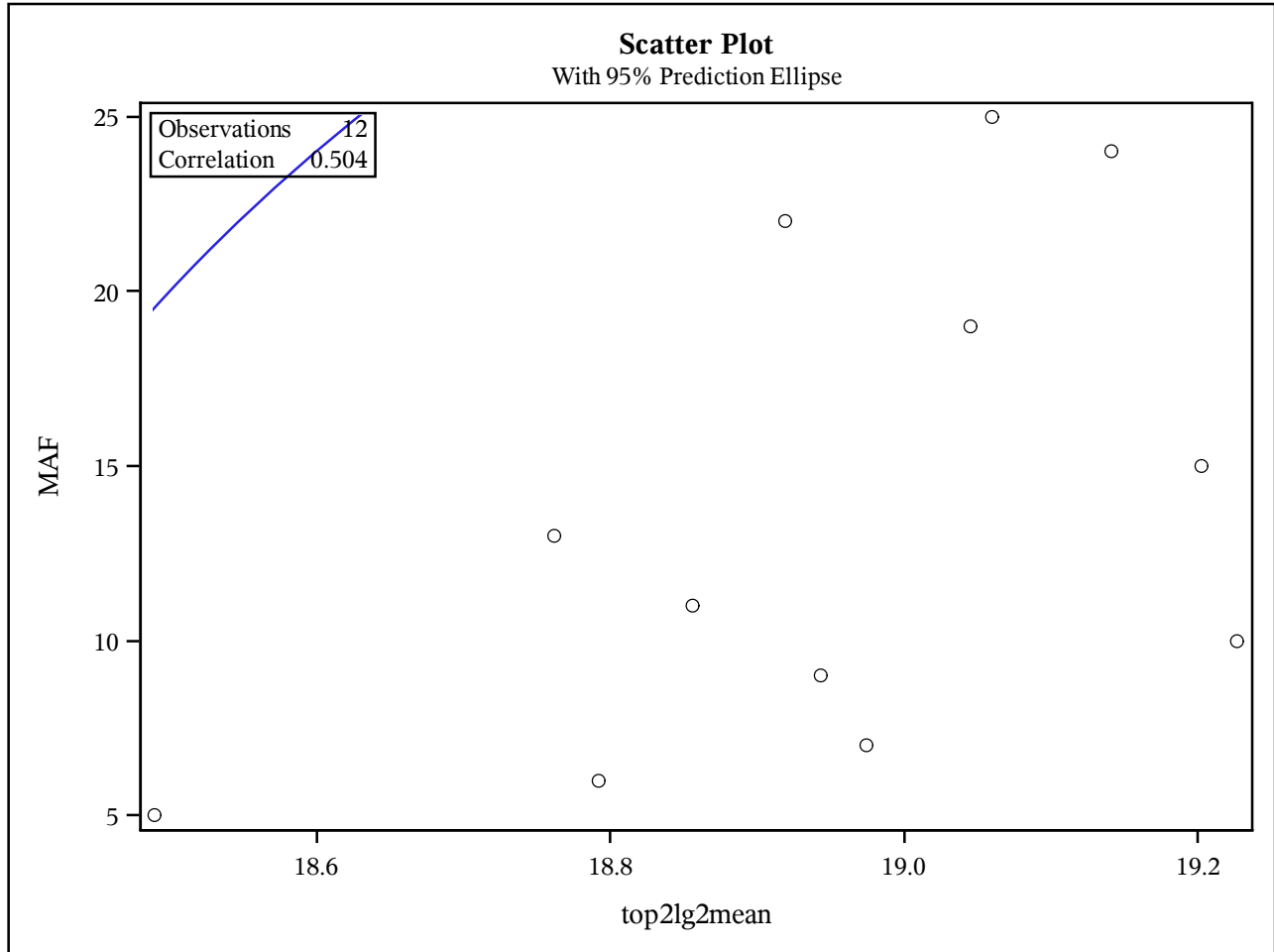
**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	0.50398	0.55463	0.02291	0.48670	-0.121003	0.829036	0.0961

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=VSTM2A





**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF****The CORR Procedure**

Gene\_Symbol=VTN

2 Variables: top2lg2mean MAF

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
top2lg2mean	12	16.88153	0.66936	202.57832	16.23902	18.58806
MAF	12	13.83333	7.10740	166.00000	5.00000	25.00000

Pearson Correlation Coefficients, N = 12 Prob >  r  under H0: Rho=0		
	top2lg2mean	MAF
top2lg2mean	1.00000	-0.41375 0.1812
MAF	-0.41375 0.1812	1.00000

**Pearson Correlation Statistics (Fisher's z Transformation)**

Variable	With Variable	N	Sample Correlation	Fisher's z	Bias Adjustment	Correlation Estimate	95% Confidence Limits		p Value for H0:Rho=0
top2lg2mean	MAF	12	-0.41375	-0.44013	-0.01881	-0.39804	-0.791204	0.227924	0.1867

**Correlation C\_pooltop2lg2mean\_tp2 symbol MAF**

**The CORR Procedure**

Gene\_Symbol=VTN

