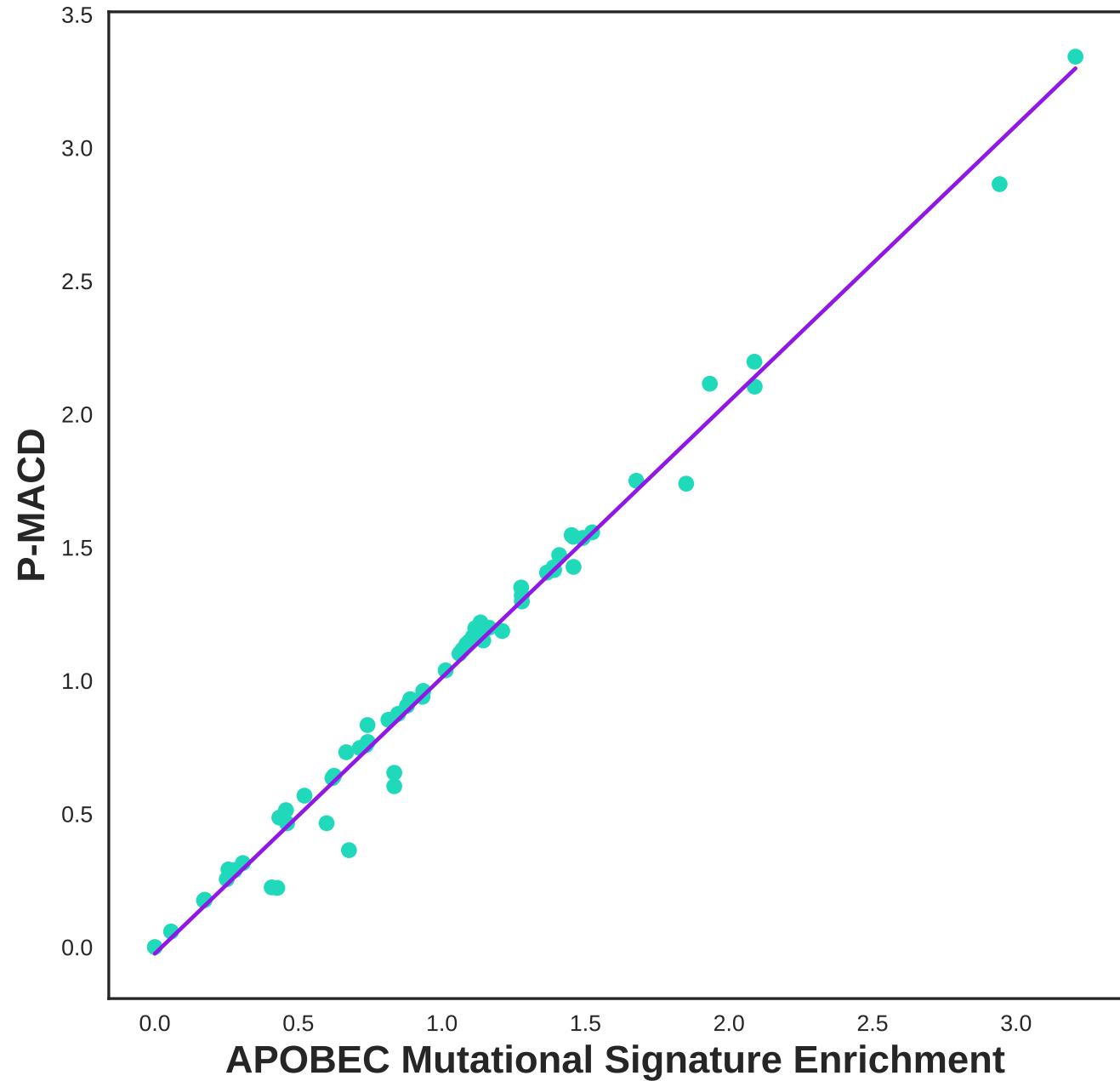


**TCGA ACC:  $R^2 = 0.98$**



**TCGA BLCA:  $R^2 = 1.00$**

**P-MACD**

4

3

2

1

0

0

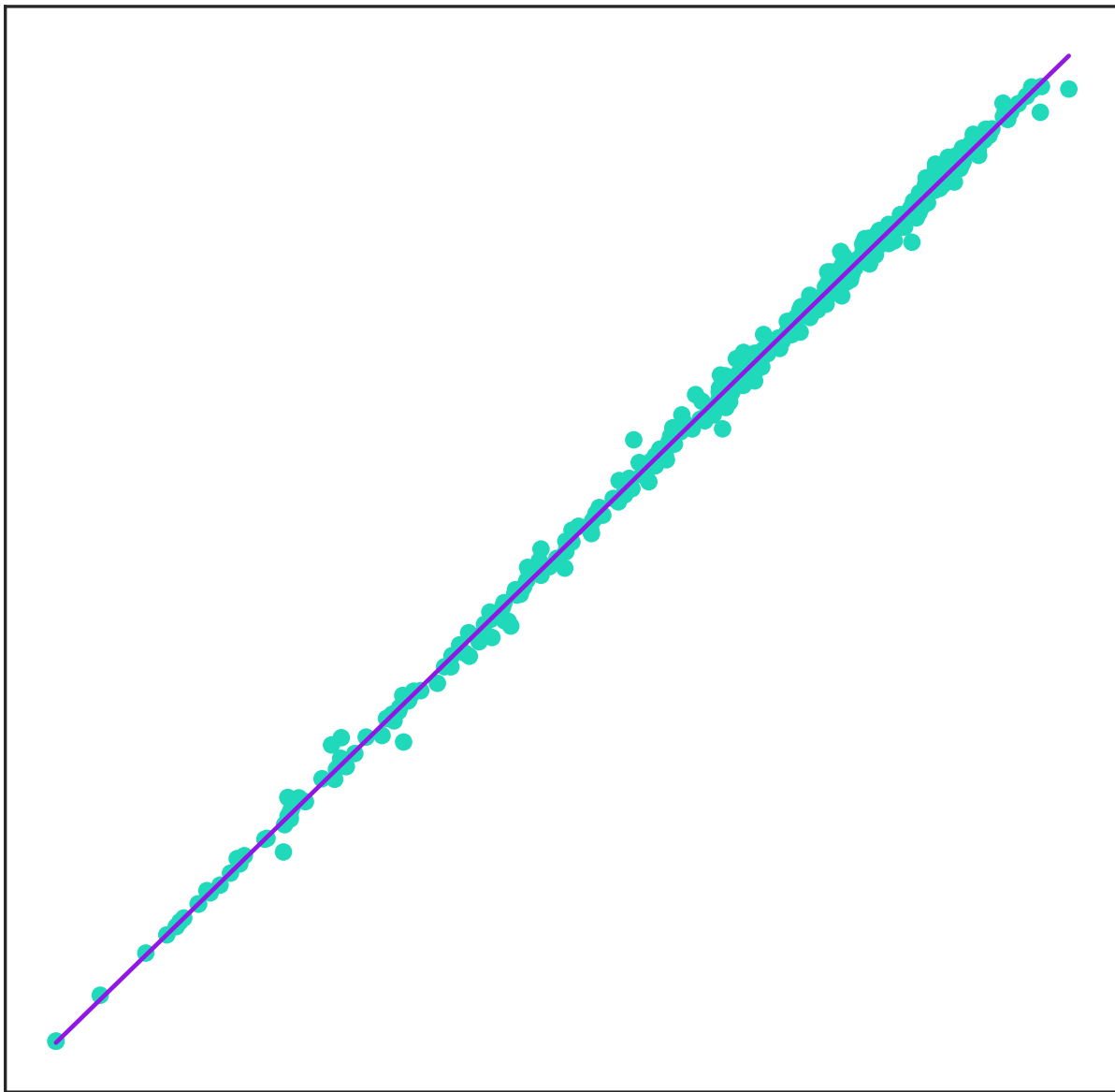
1

2

3

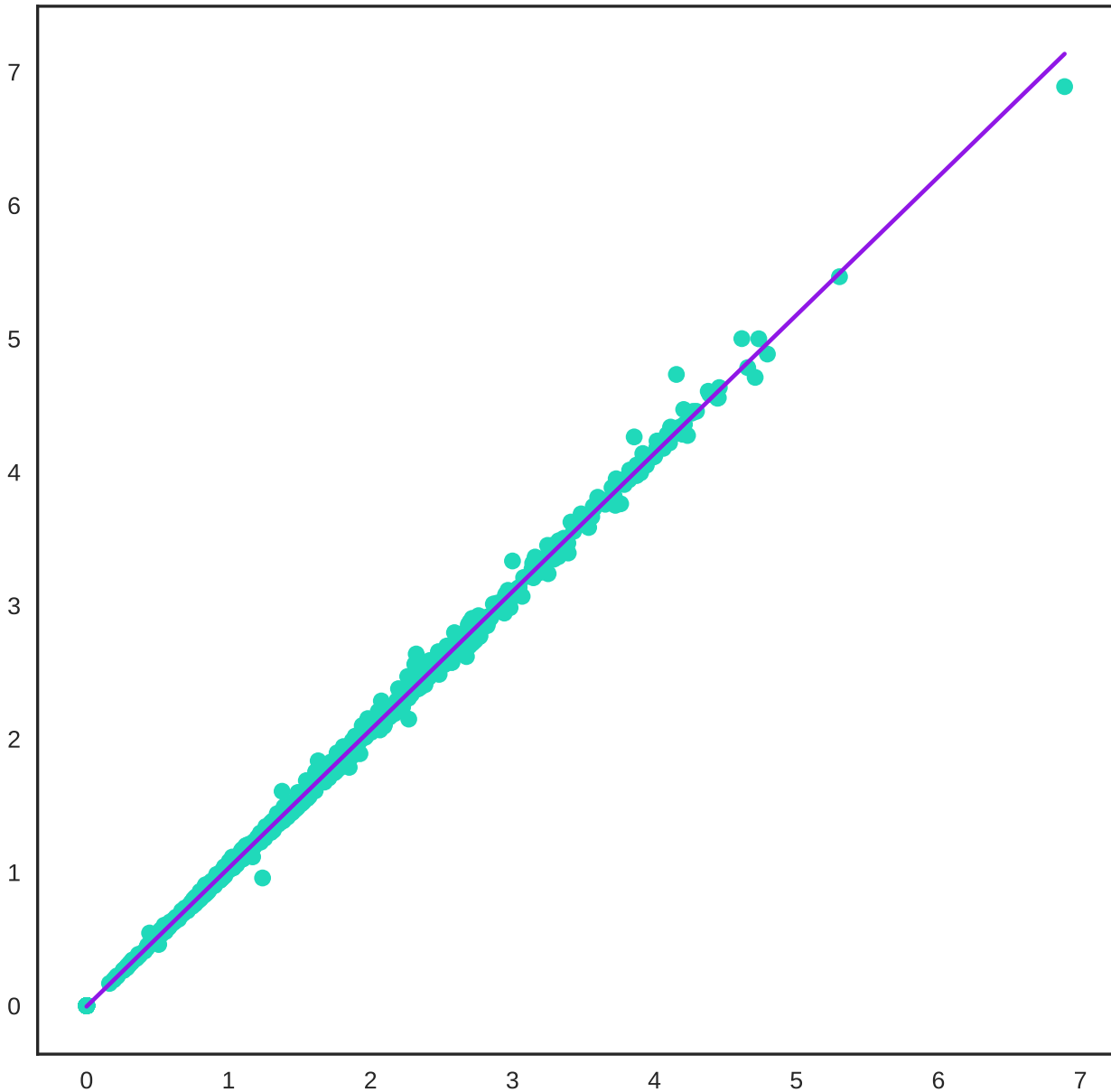
4

**APOBEC Mutational Signature Enrichment**



# TCGA BRCA: $R^2 = 1.00$

P-MACD



APOBEC Mutational Signature Enrichment

# TCGA CESC: $R^2 = 1.00$

P-MACD

14  
12  
10  
8  
6  
4  
2  
0

0

2

4

6

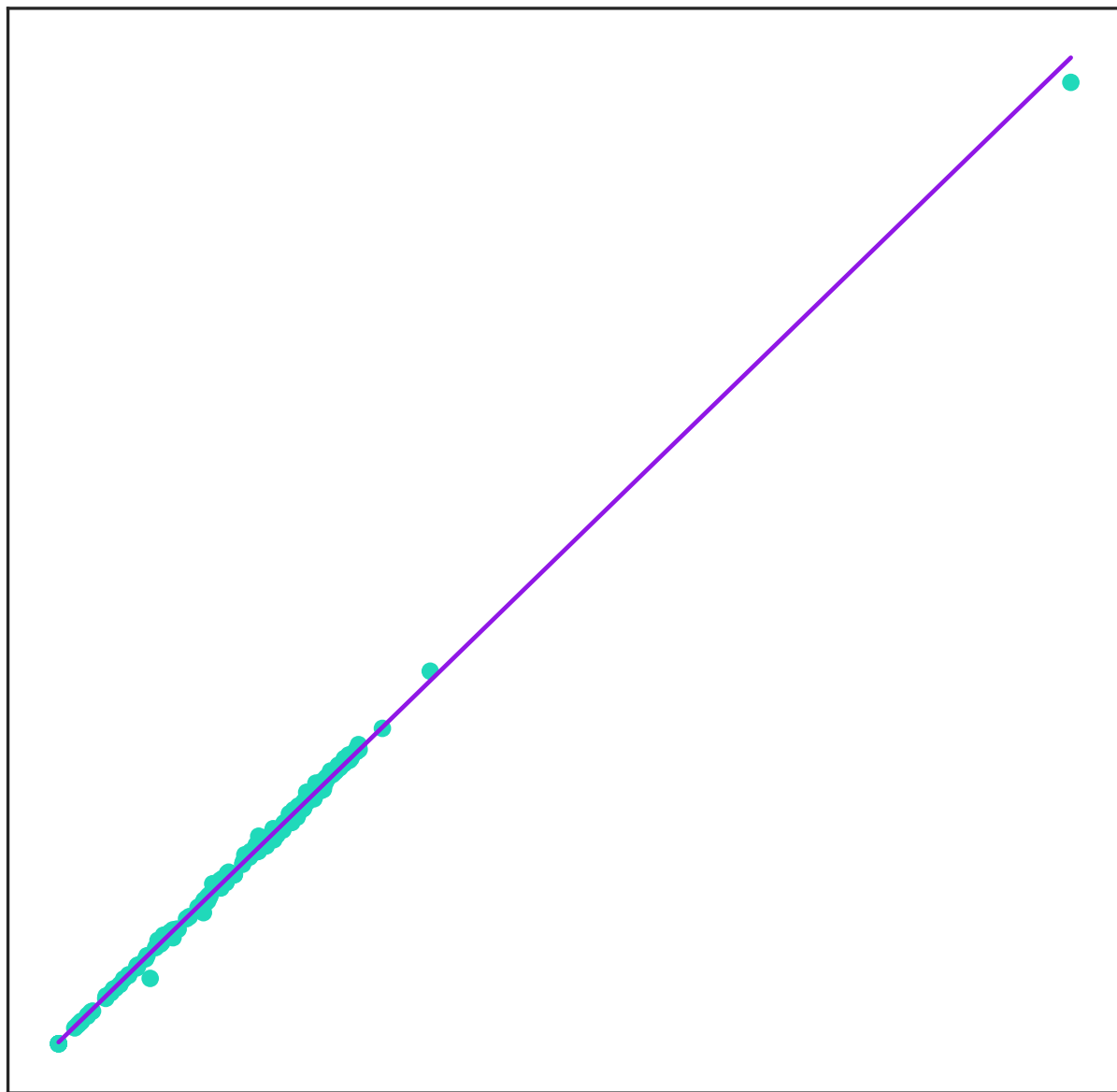
8

10

12

14

APOBEC Mutational Signature Enrichment



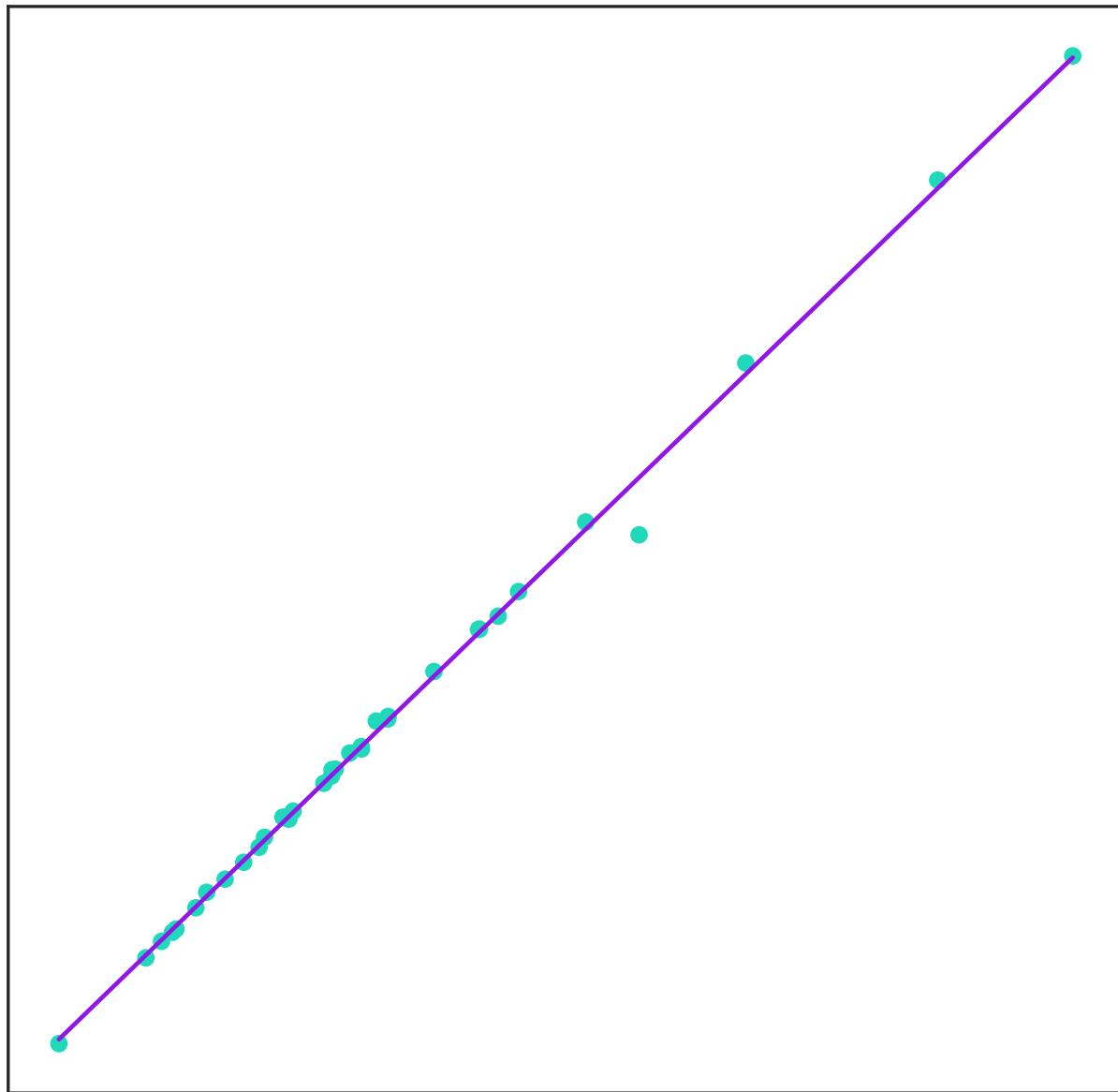
**TCGA CHOL: R<sup>2</sup> = 1.00**

**P-MACD**

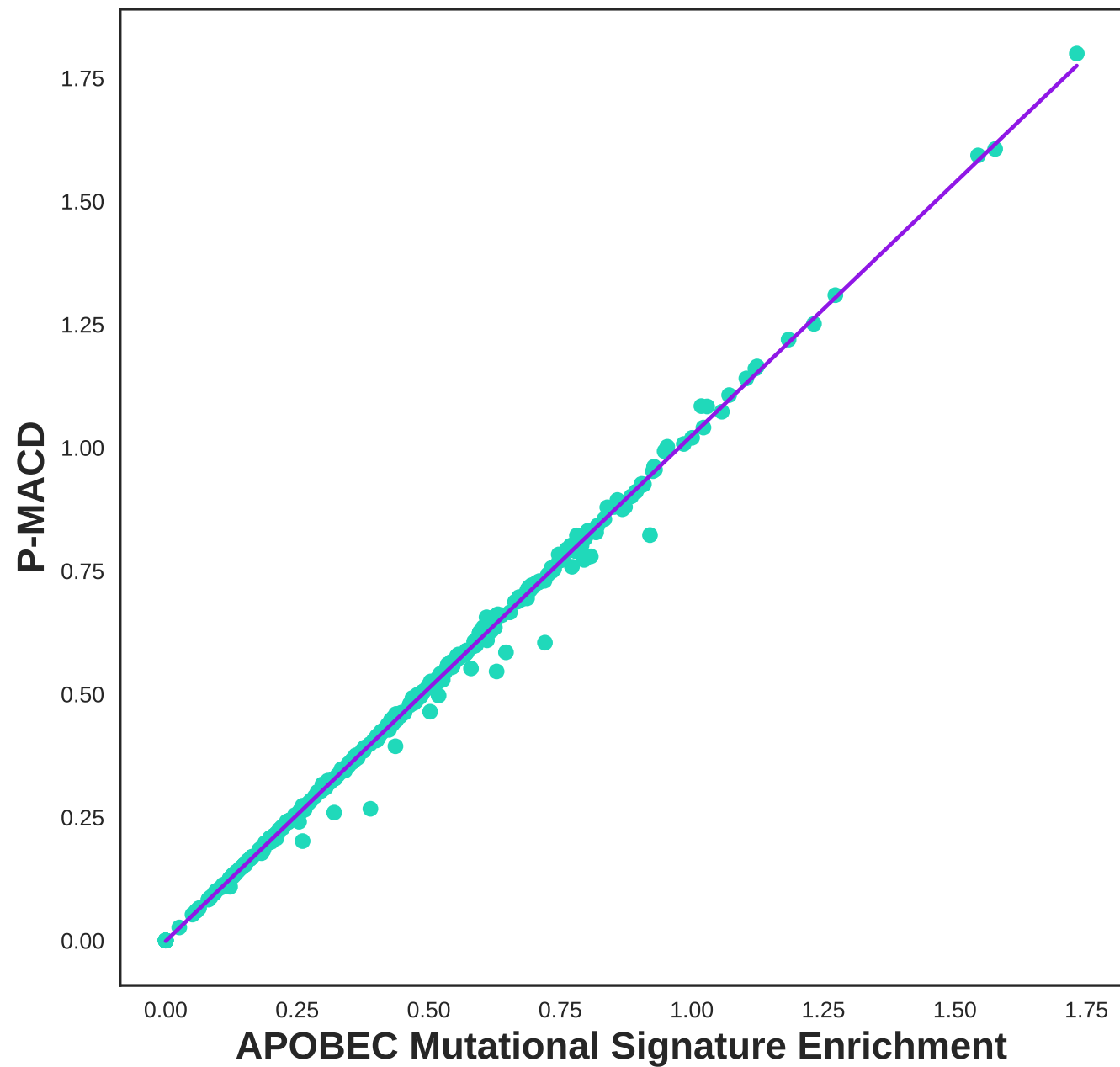
1.75  
1.50  
1.25  
1.00  
0.75  
0.50  
0.25  
0.00

0.00 0.25 0.50 0.75 1.00 1.25 1.50 1.75

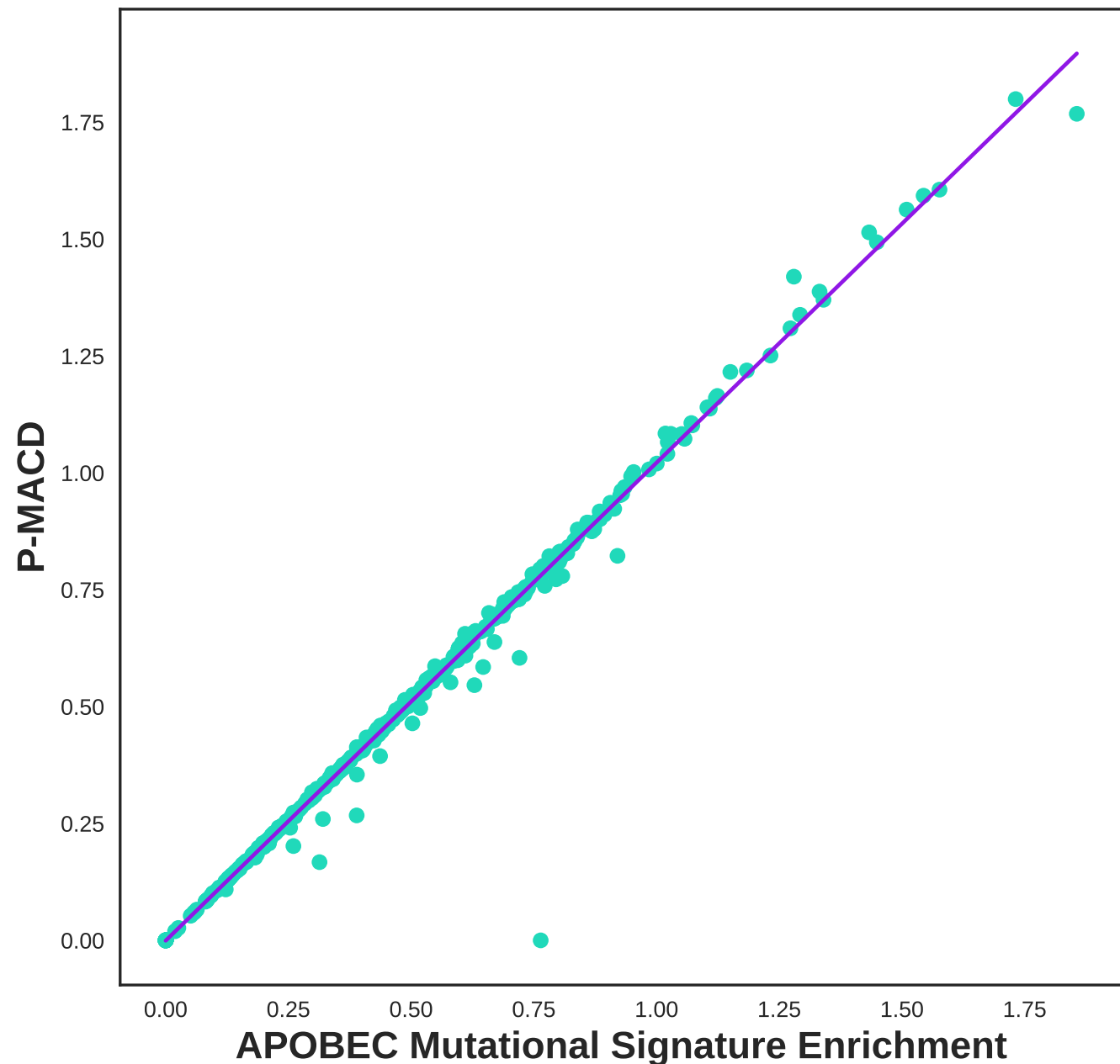
**APOBEC Mutational Signature Enrichment**



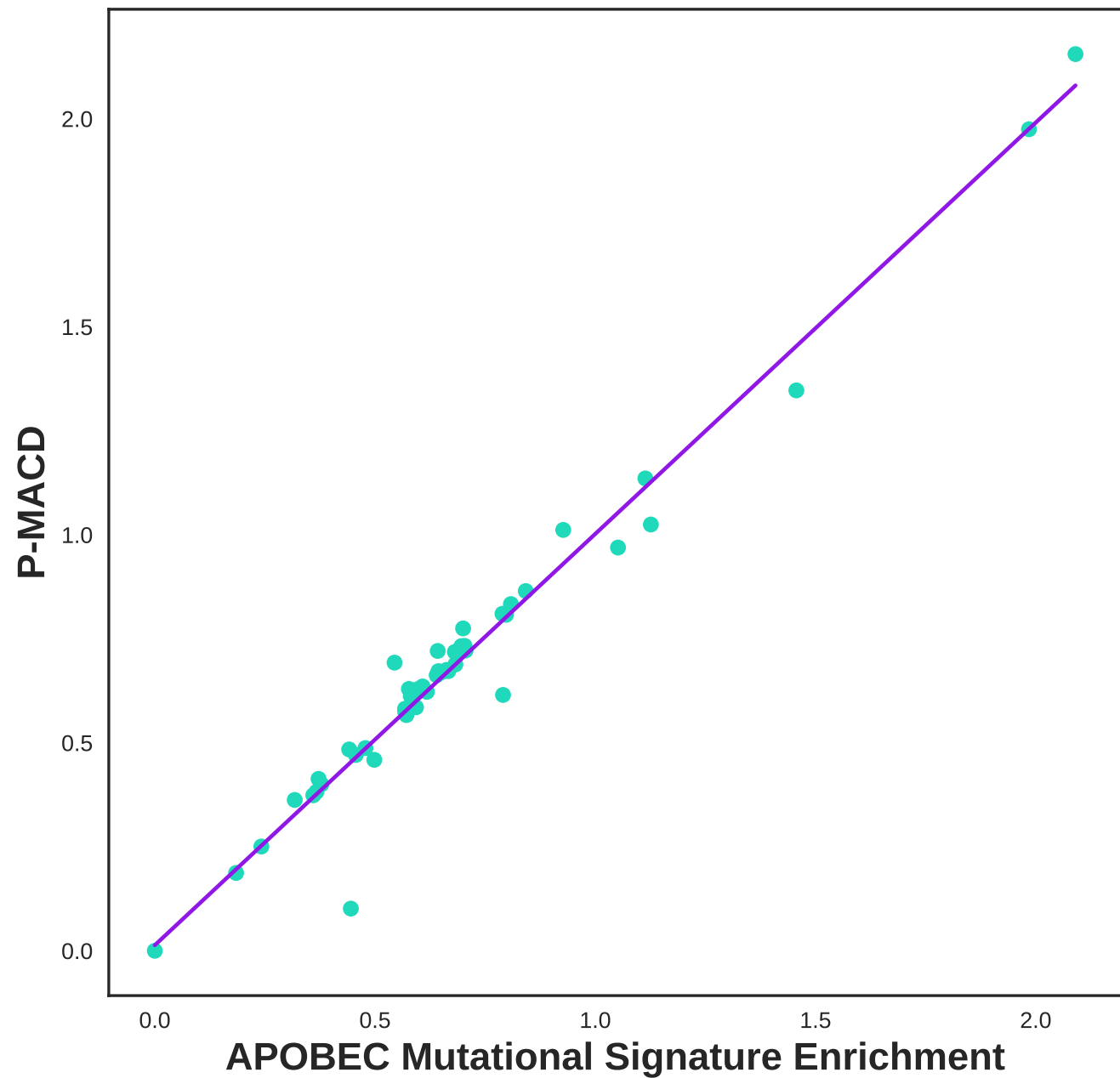
# TCGA COAD: $R^2 = 1.00$



# TCGA COADREAD: $R^2 = 0.98$



# TCGA DLBC: $R^2 = 0.96$





**TCGA ESCA:  $R^2 = 1.00$**

**P-MACD**

4

3

2

1

0

0

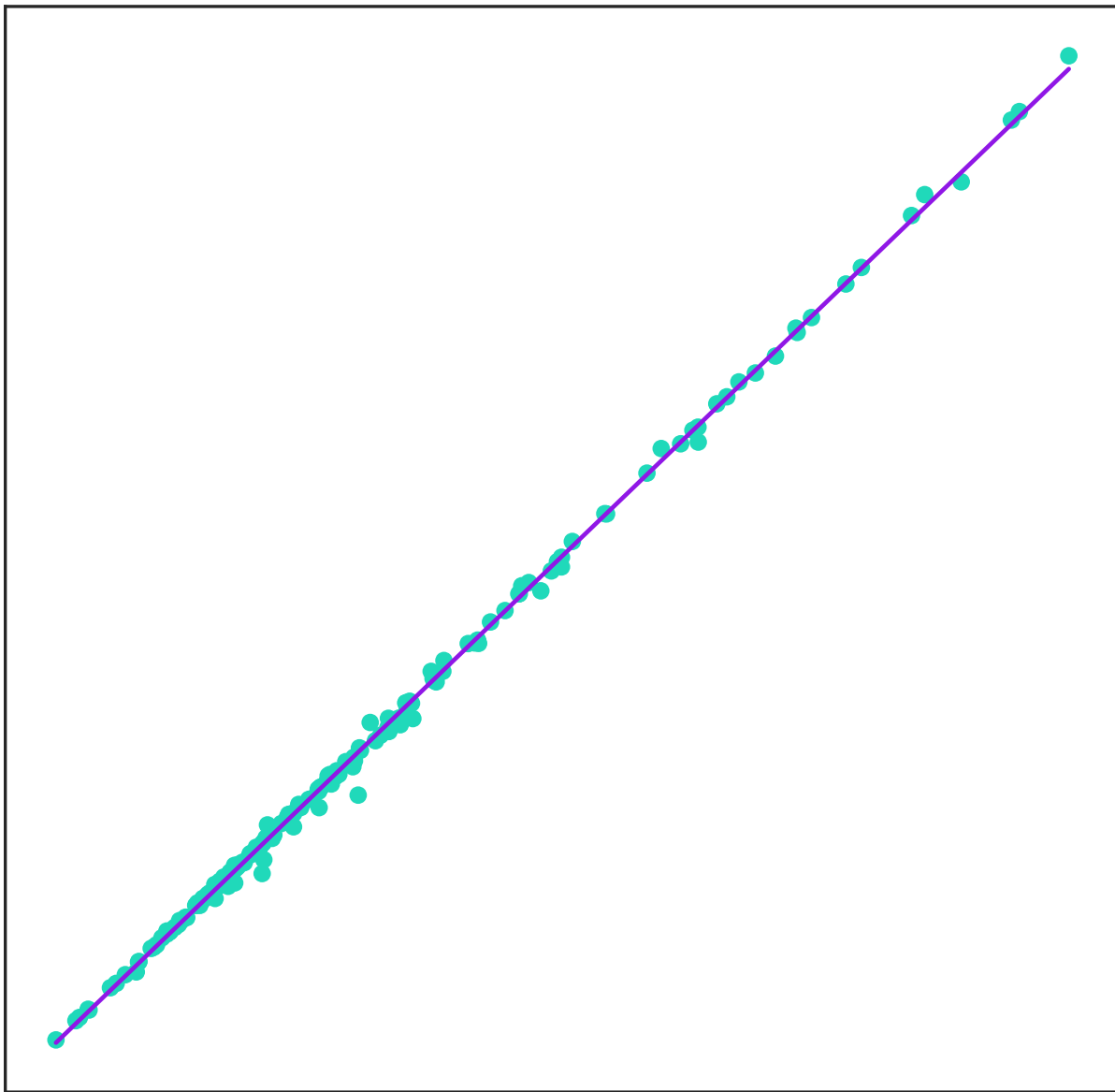
1

2

3

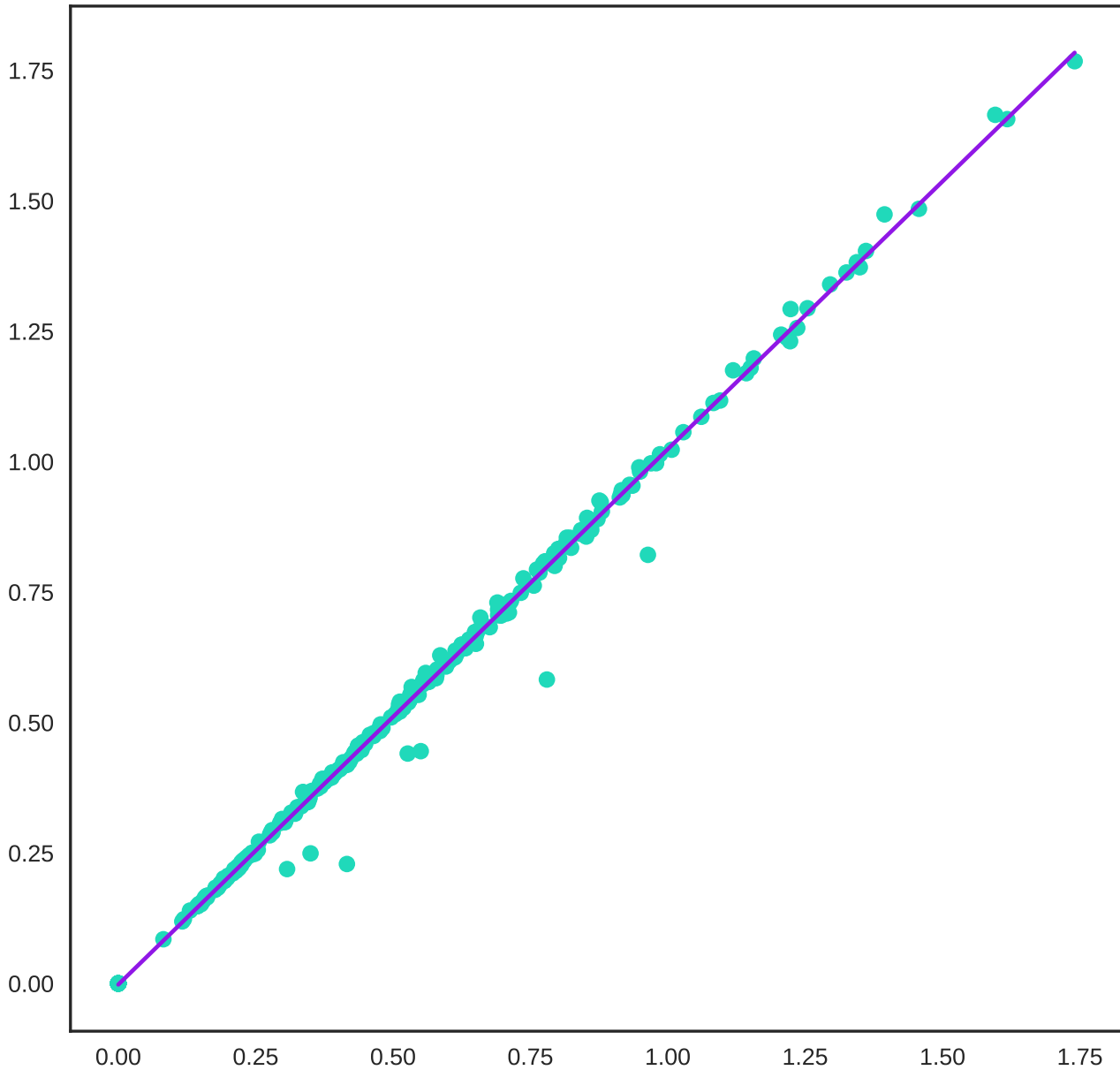
4

**APOBEC Mutational Signature Enrichment**



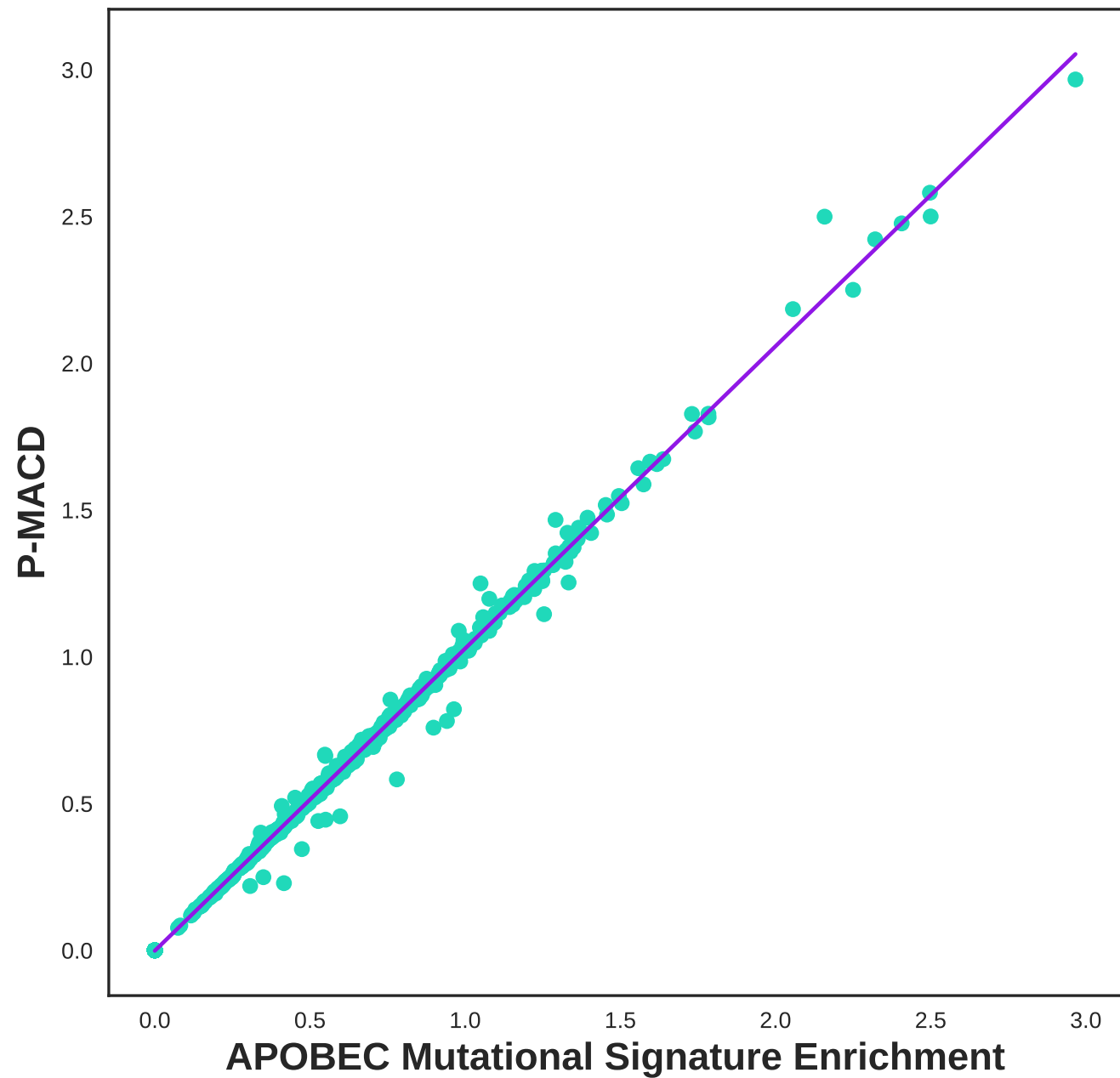
# TCGA GBM: $R^2 = 1.00$

P-MACD



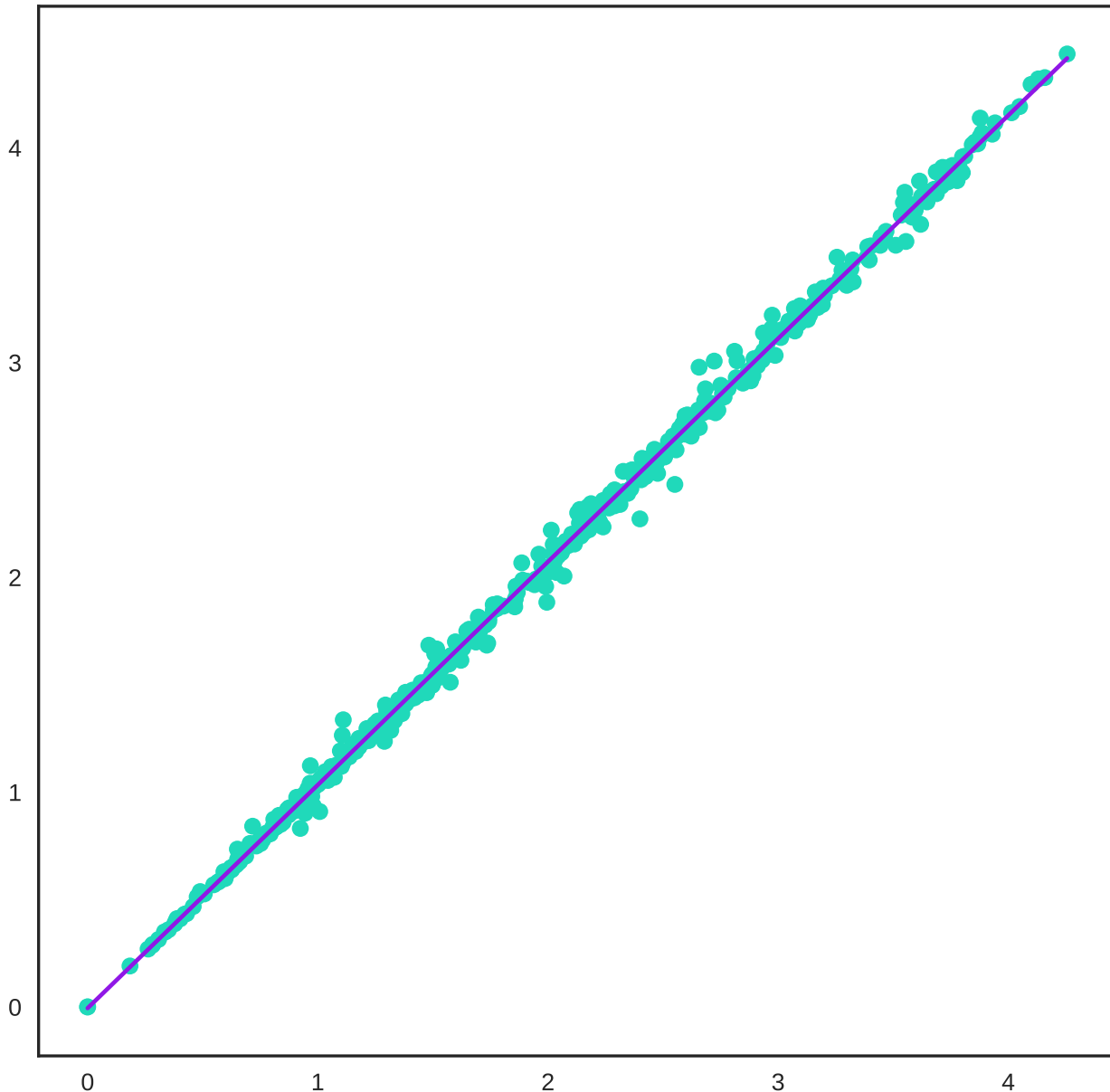
APOBEC Mutational Signature Enrichment

# TCGA GBMLGG: $R^2 = 1.00$



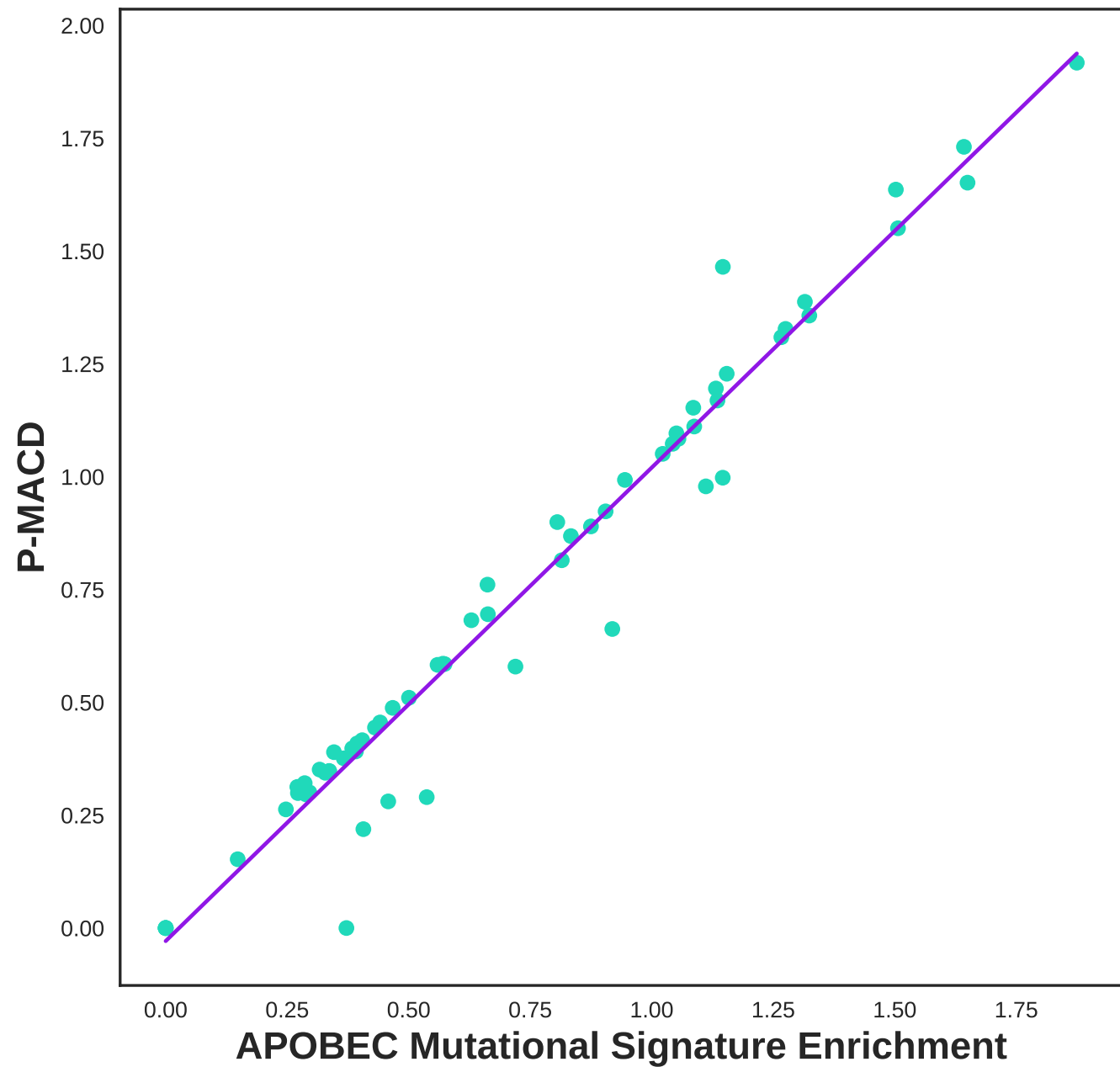
**TCGA HNSC:  $R^2 = 1.00$**

**P-MACD**



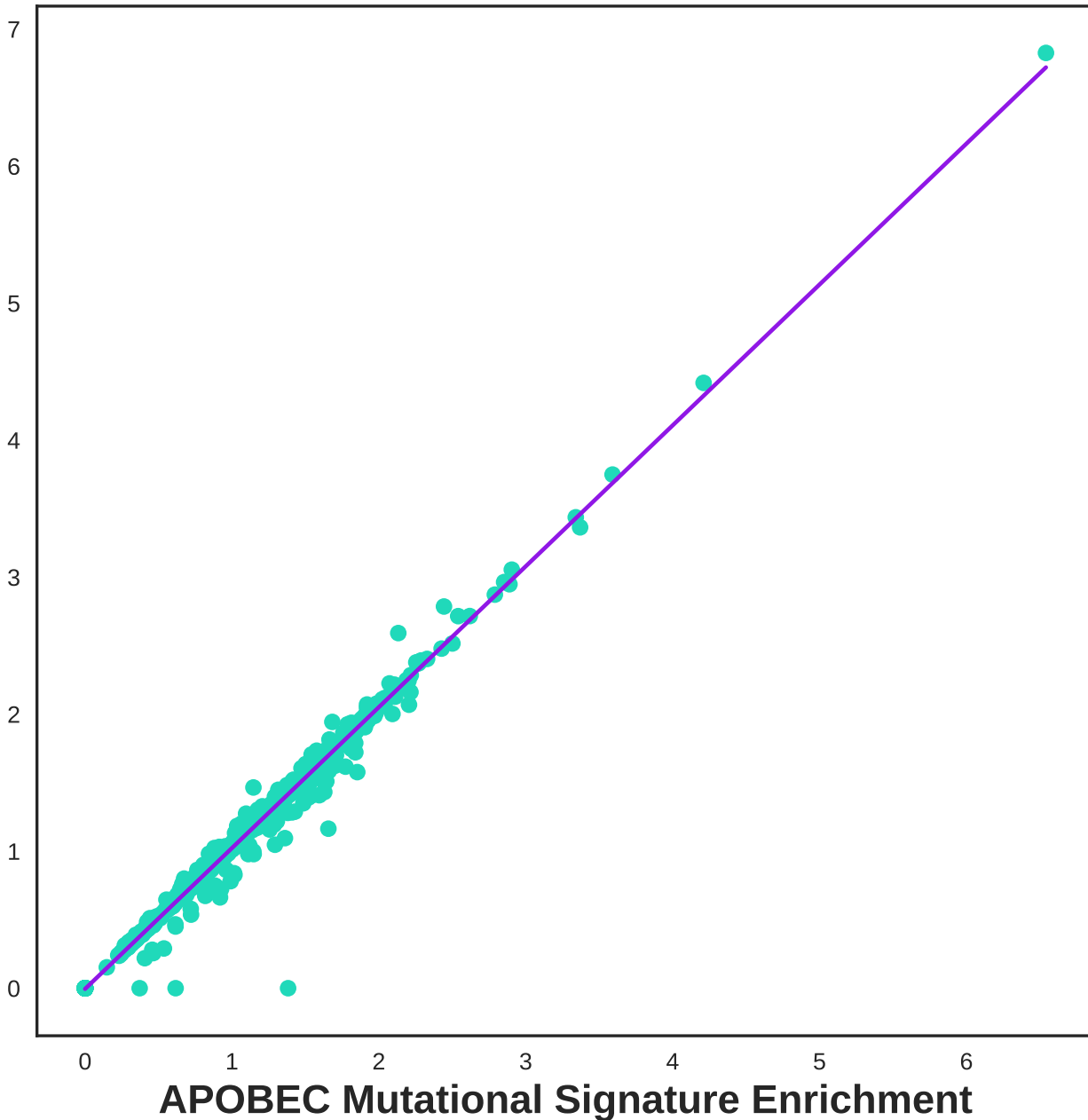
**APOBEC Mutational Signature Enrichment**

# TCGA KICH: $R^2 = 0.96$

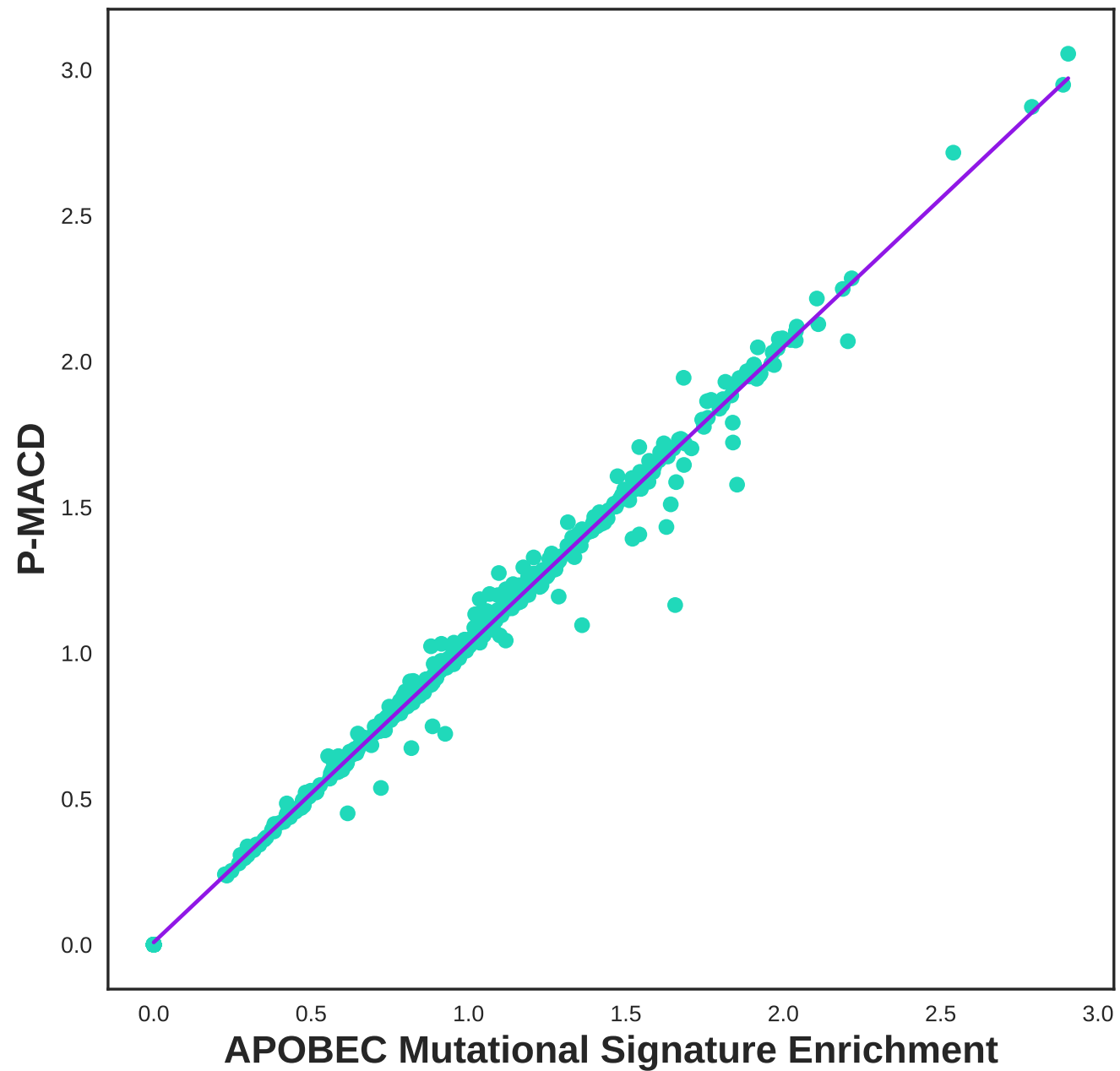


# TCGA KIPAN: $R^2 = 0.98$

P-MACD

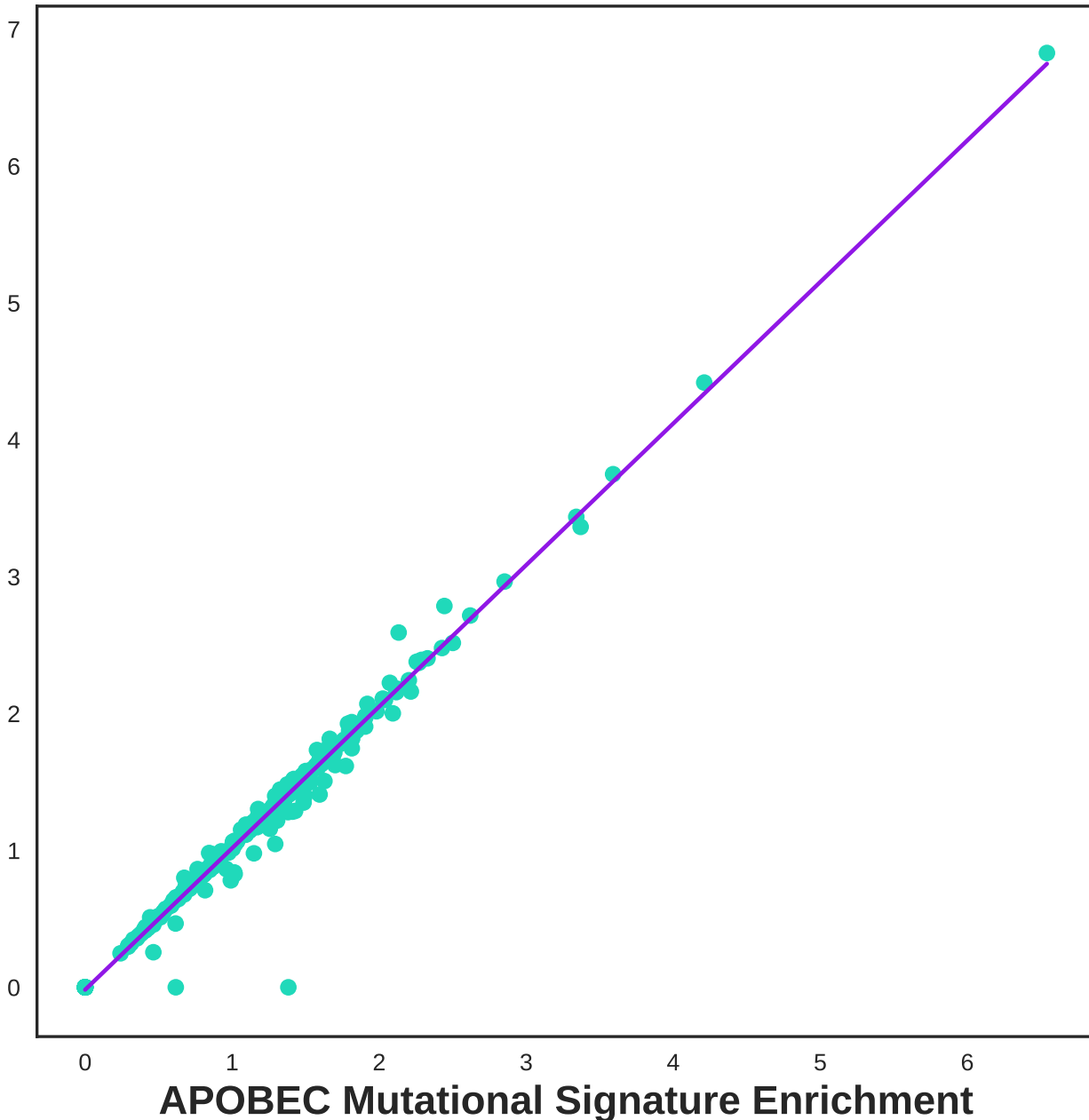


# TCGA KIRC: $R^2 = 0.99$



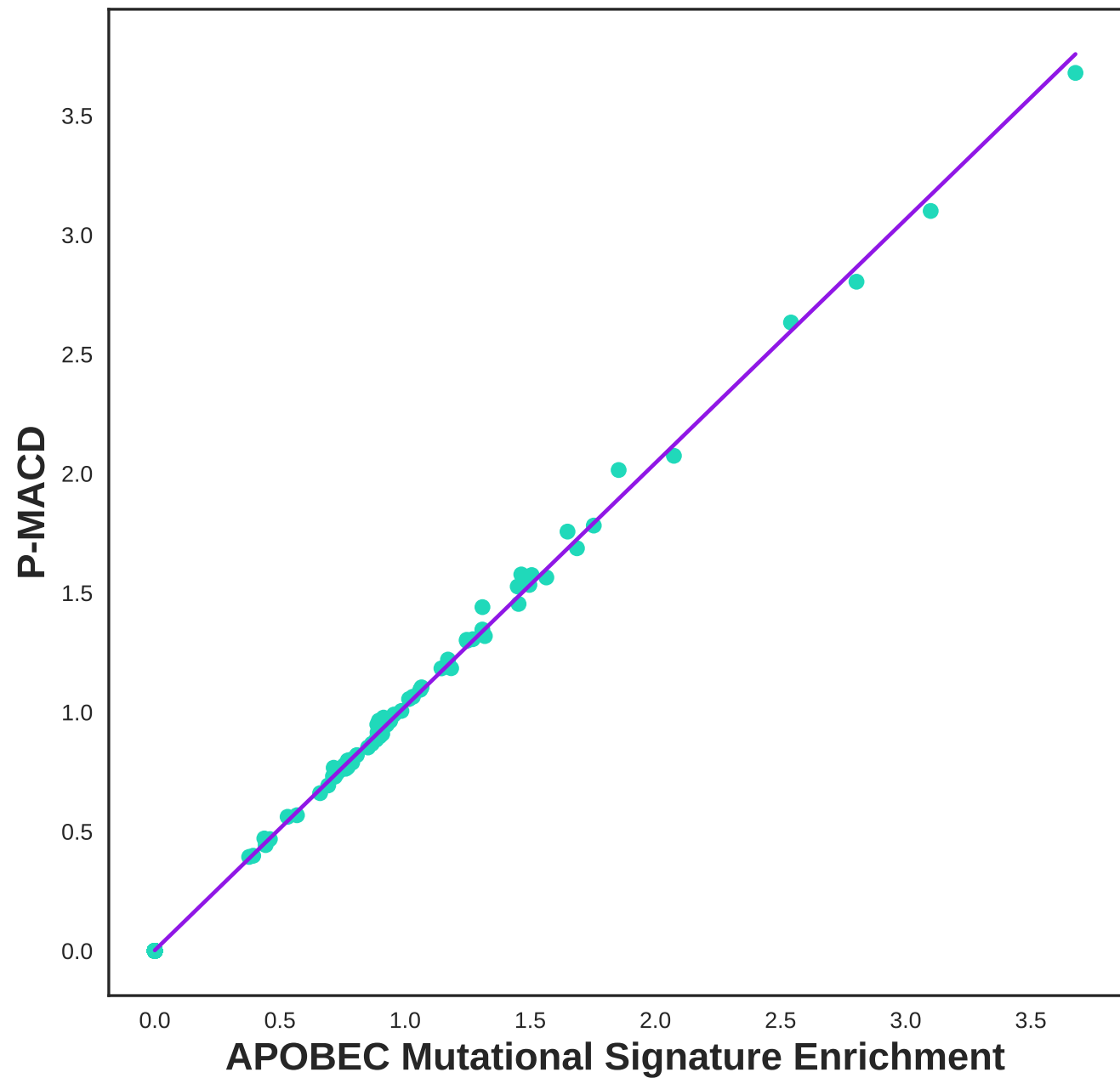
# TCGA KIRP: $R^2 = 0.98$

P-MACD

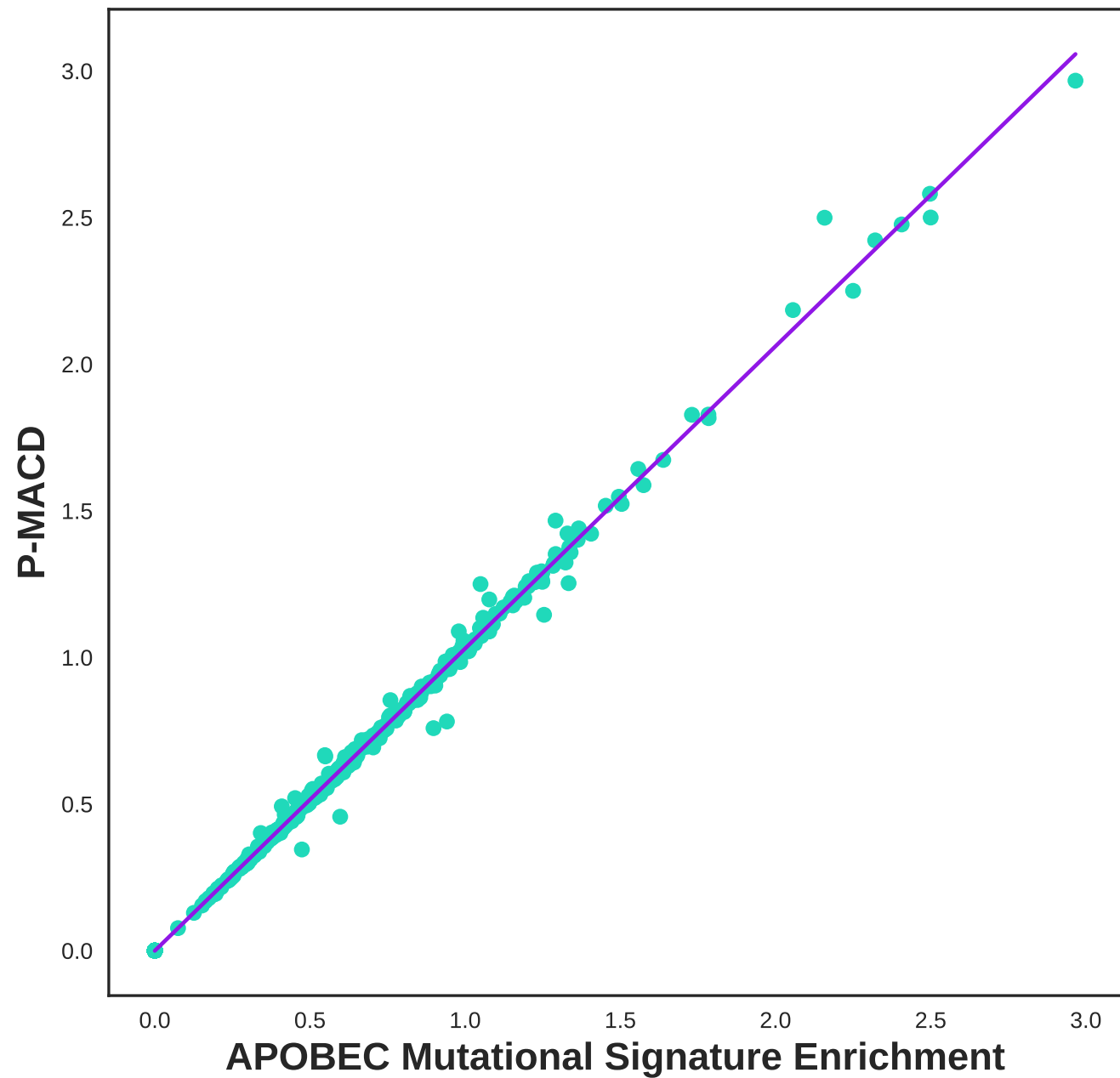




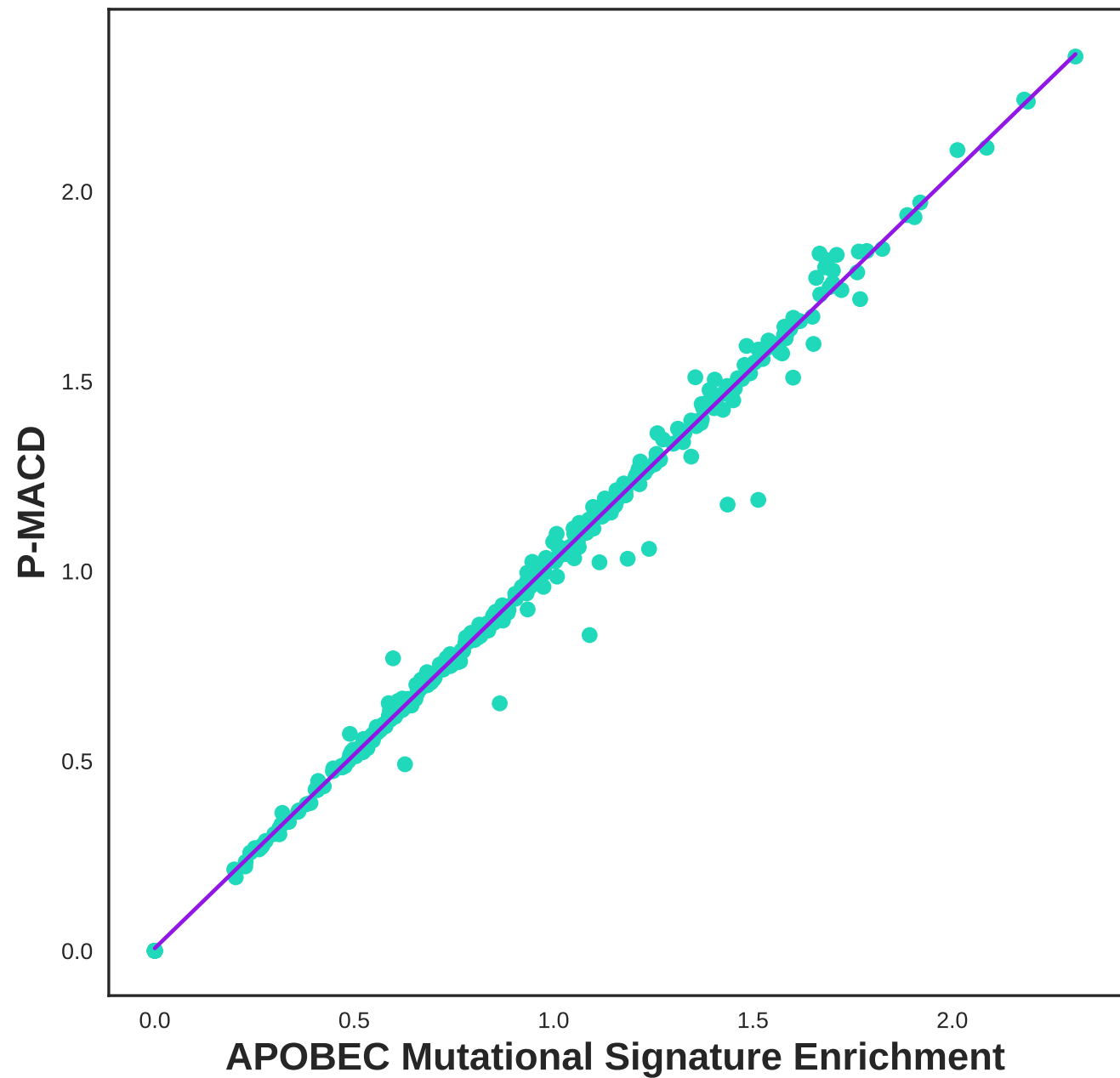
# TCGA LAML: $R^2 = 1.00$



# TCGA LGG: $R^2 = 1.00$

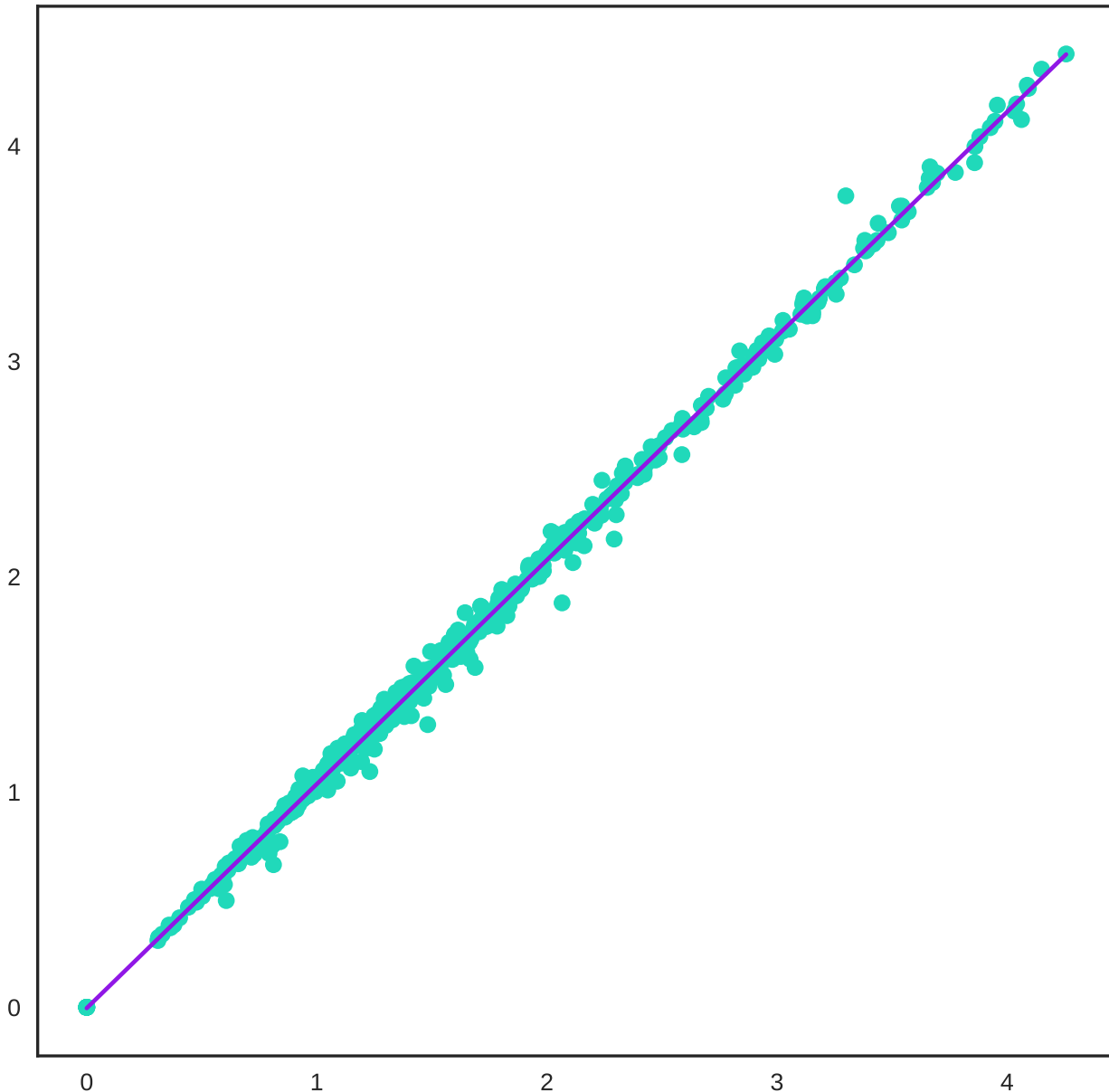


# TCGA LIHC: $R^2 = 0.99$



**TCGA LUAD:  $R^2 = 1.00$**

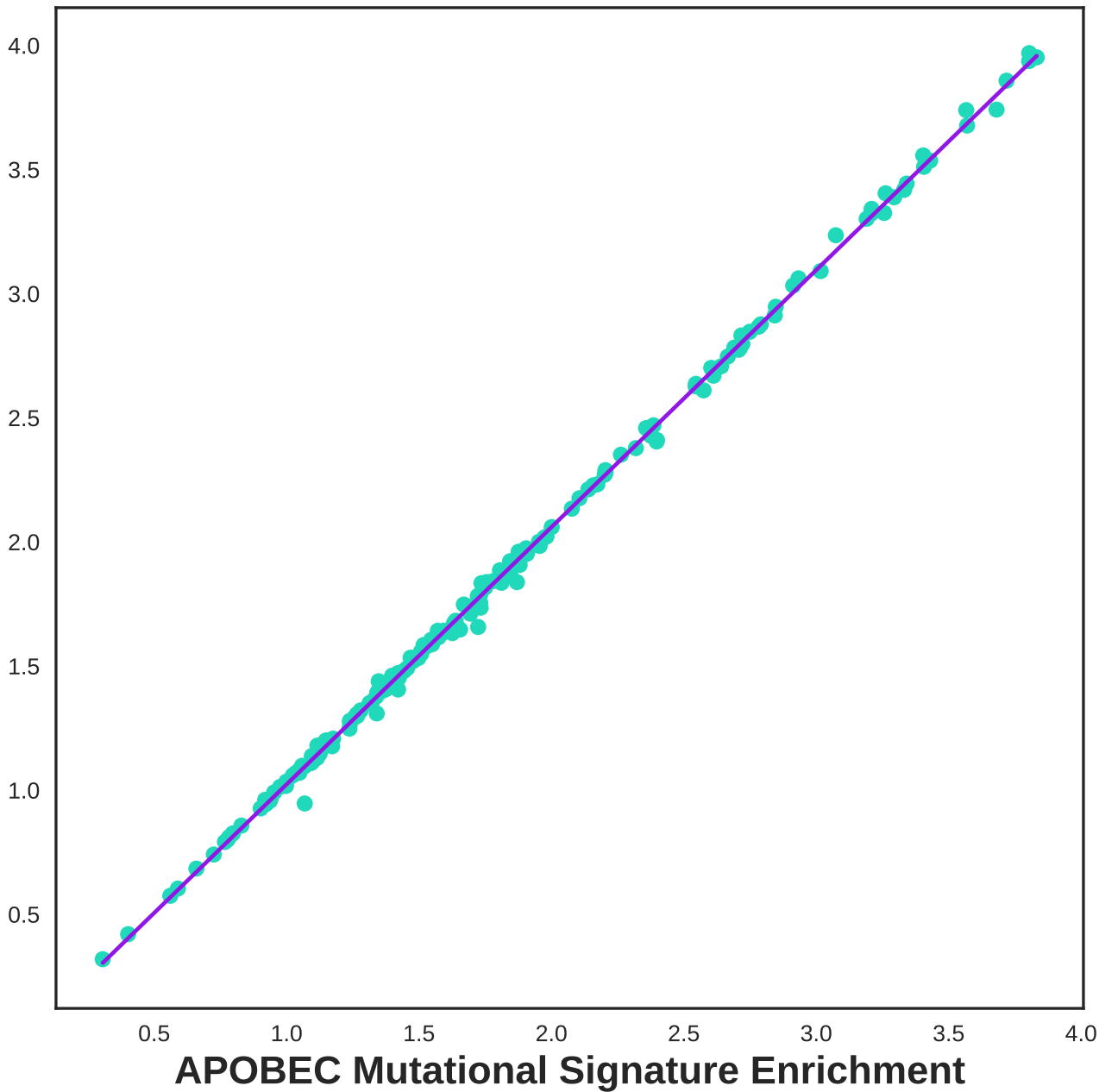
**P-MACD**



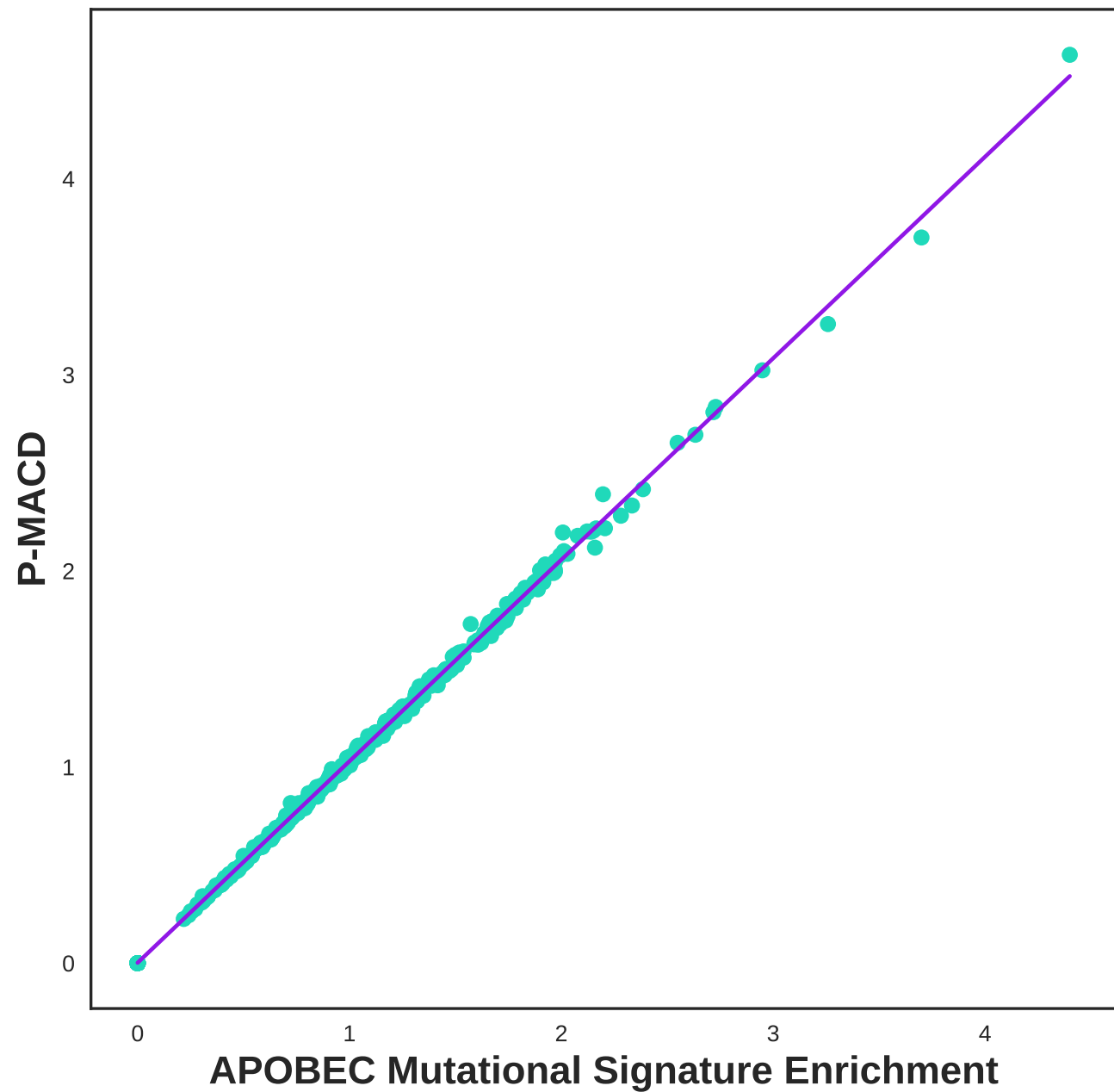
**APOBEC Mutational Signature Enrichment**

# TCGA LUSC: $R^2 = 1.00$

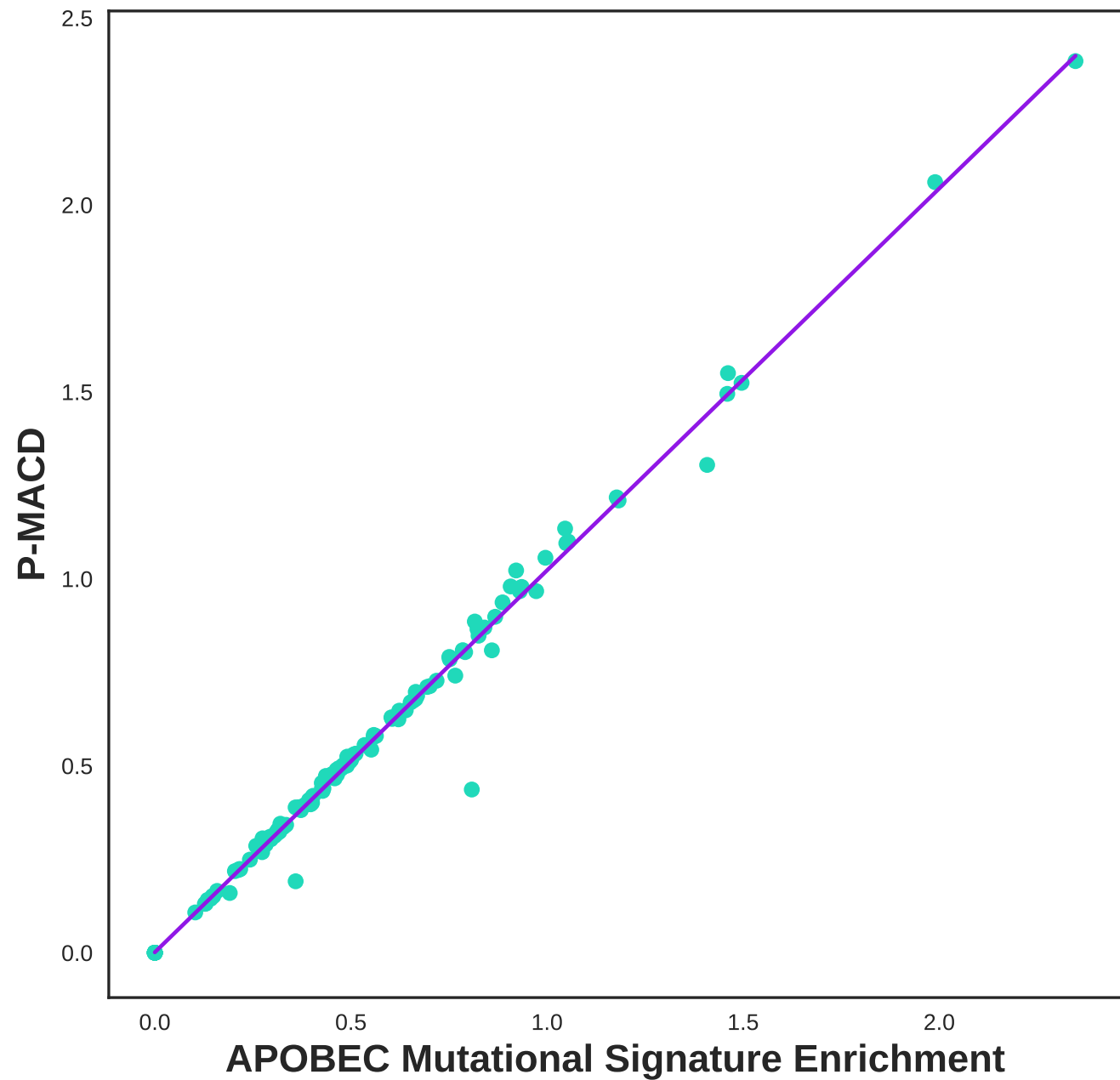
P-MACD



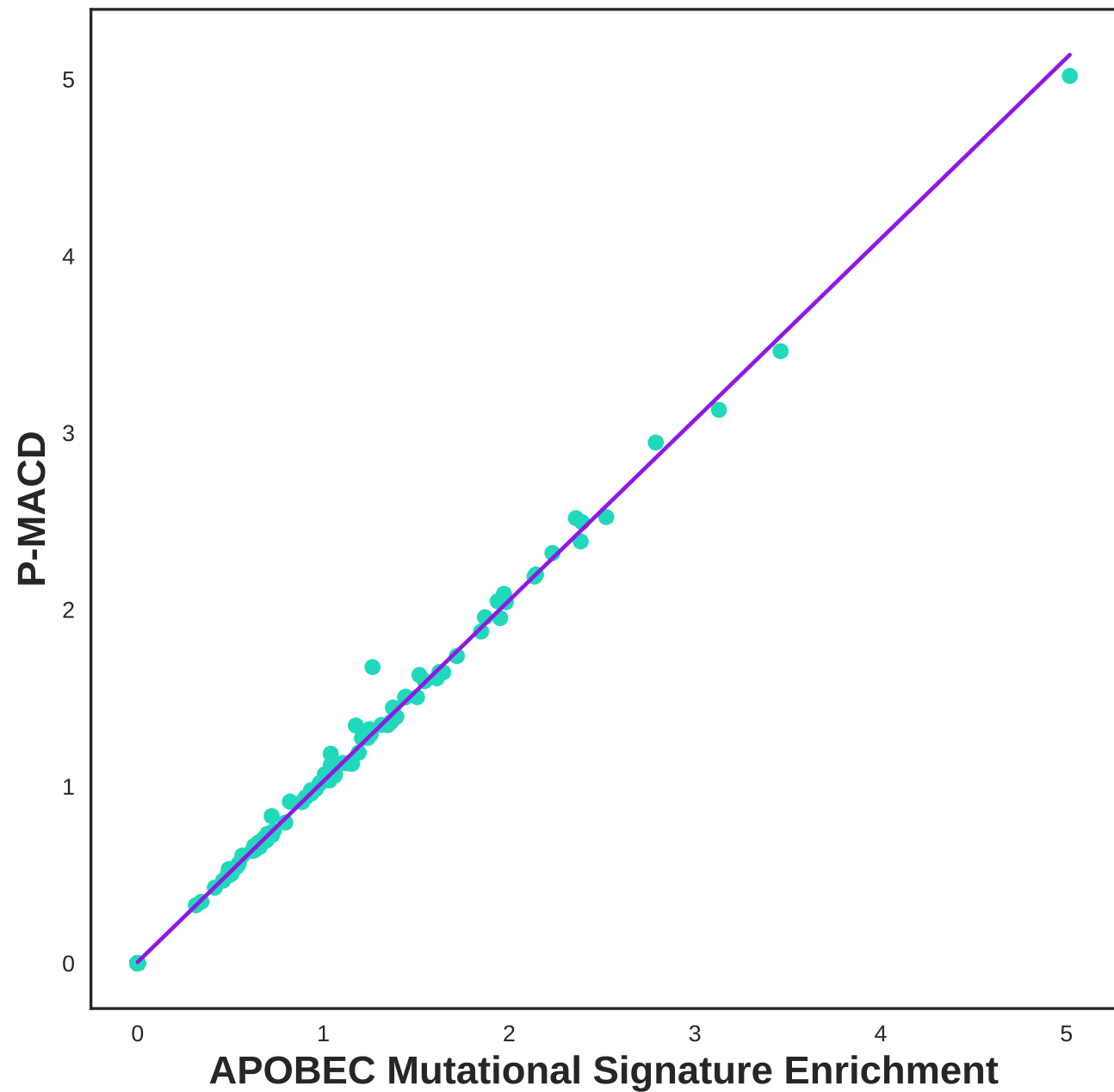
TCGA OV:  $R^2 = 1.00$



# TCGA PAAD: $R^2 = 0.99$

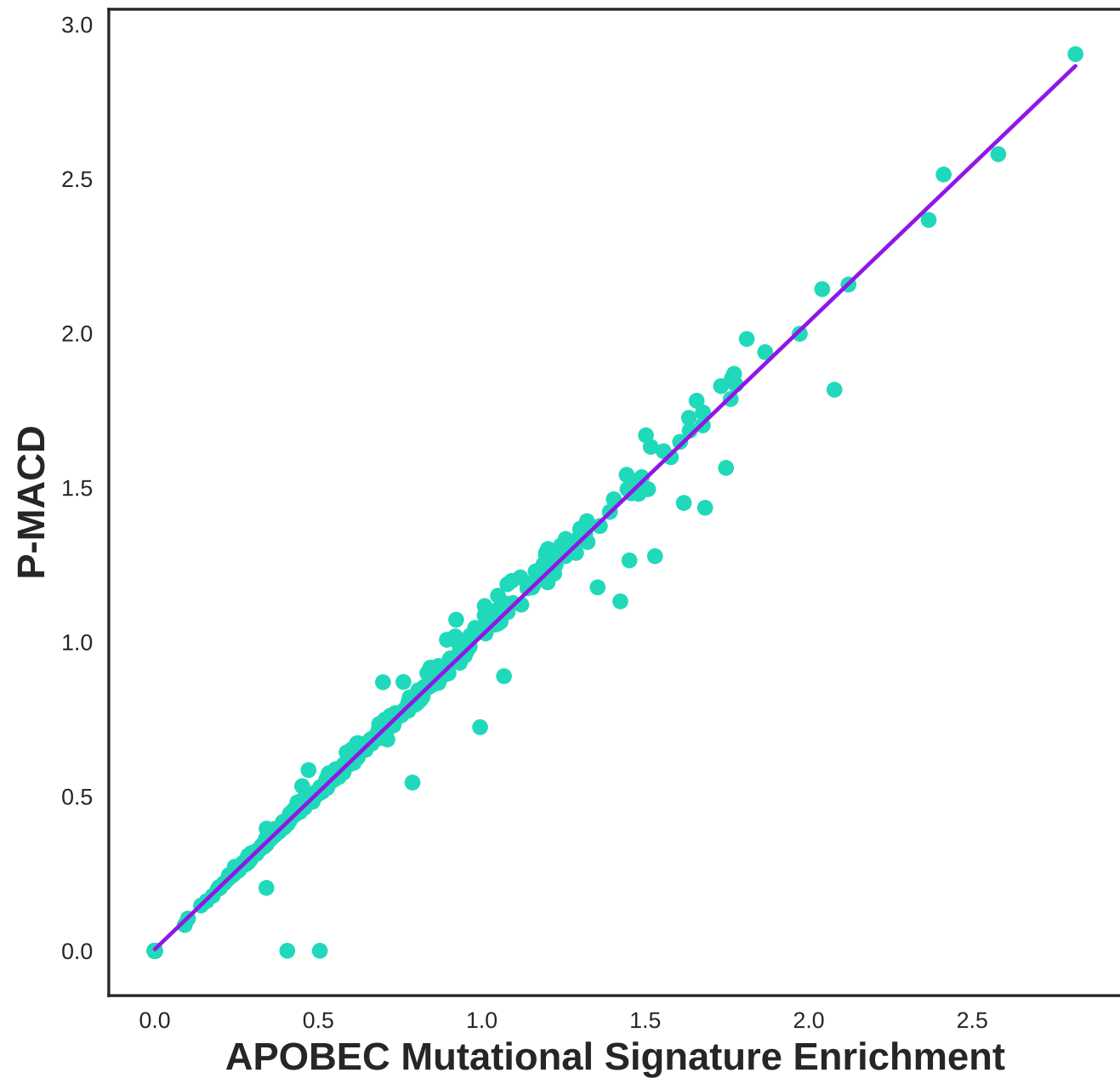


**TCGA PCPG:  $R^2 = 1.00$**



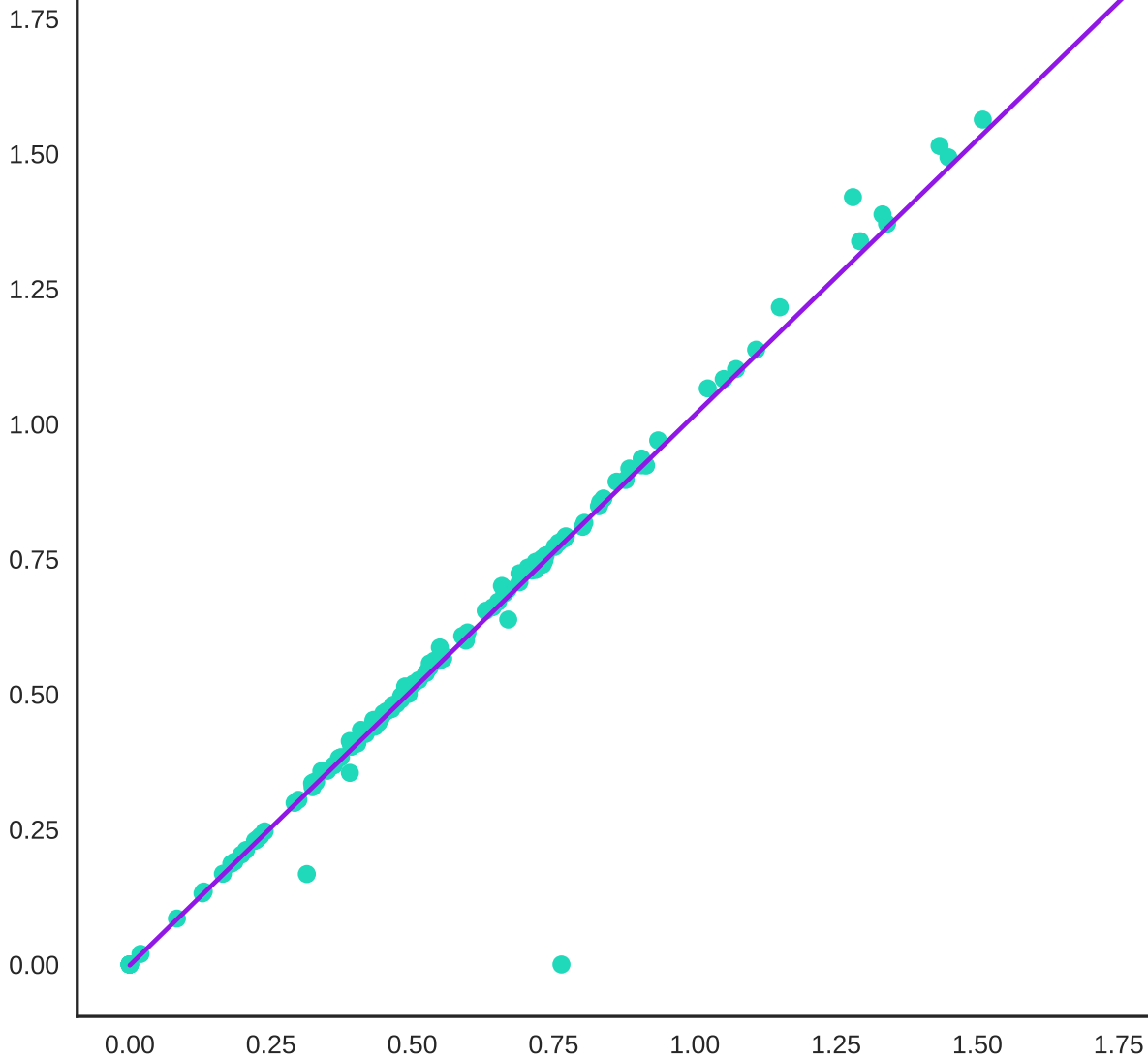


# TCGA PRAD: $R^2 = 0.99$



**TCGA READ:  $R^2 = 0.96$**

**P-MACD**



**APOBEC Mutational Signature Enrichment**

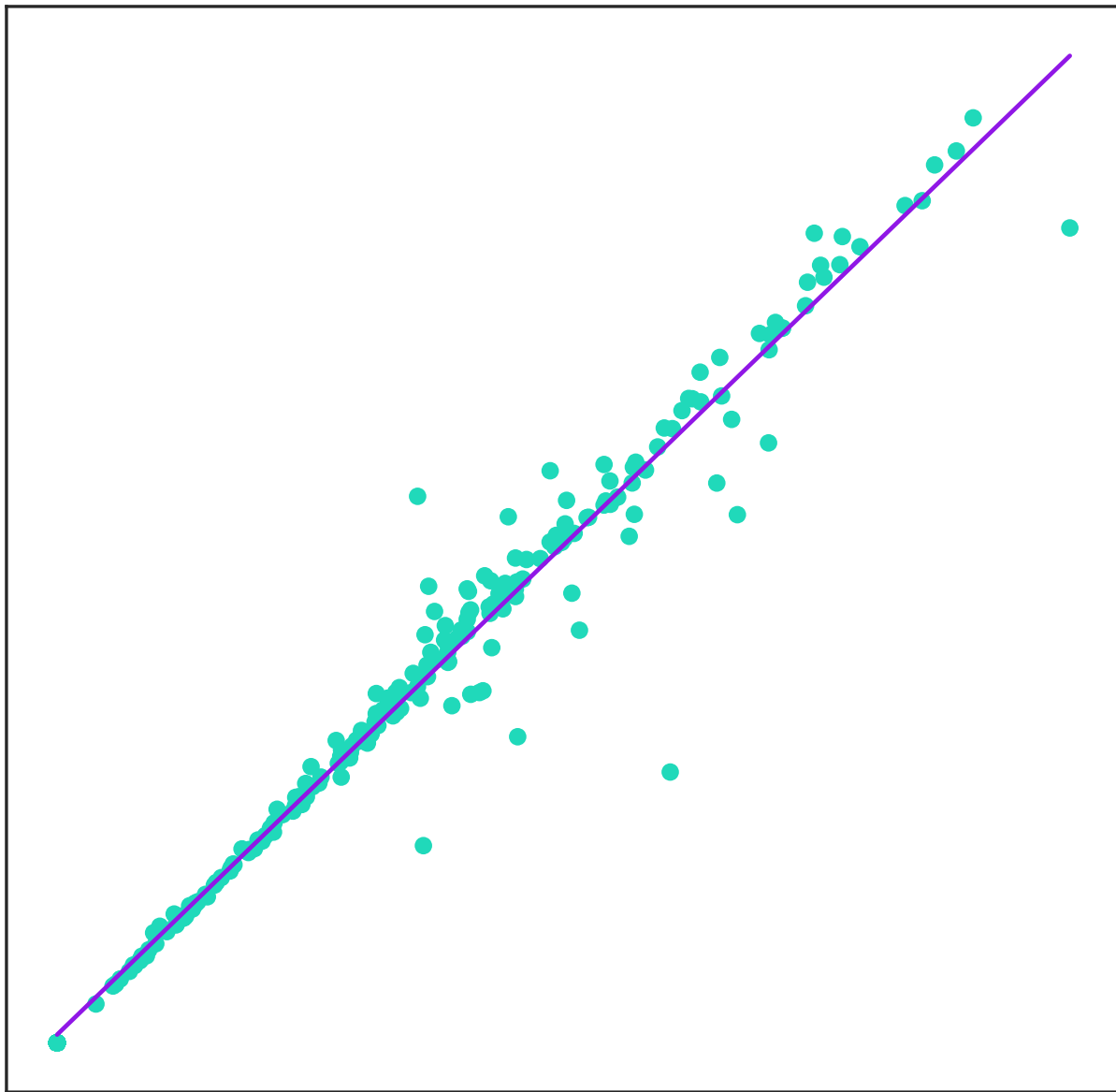
**TCGA SARC:  $R^2 = 0.97$**

**P-MACD**

3.0  
2.5  
2.0  
1.5  
1.0  
0.5  
0.0

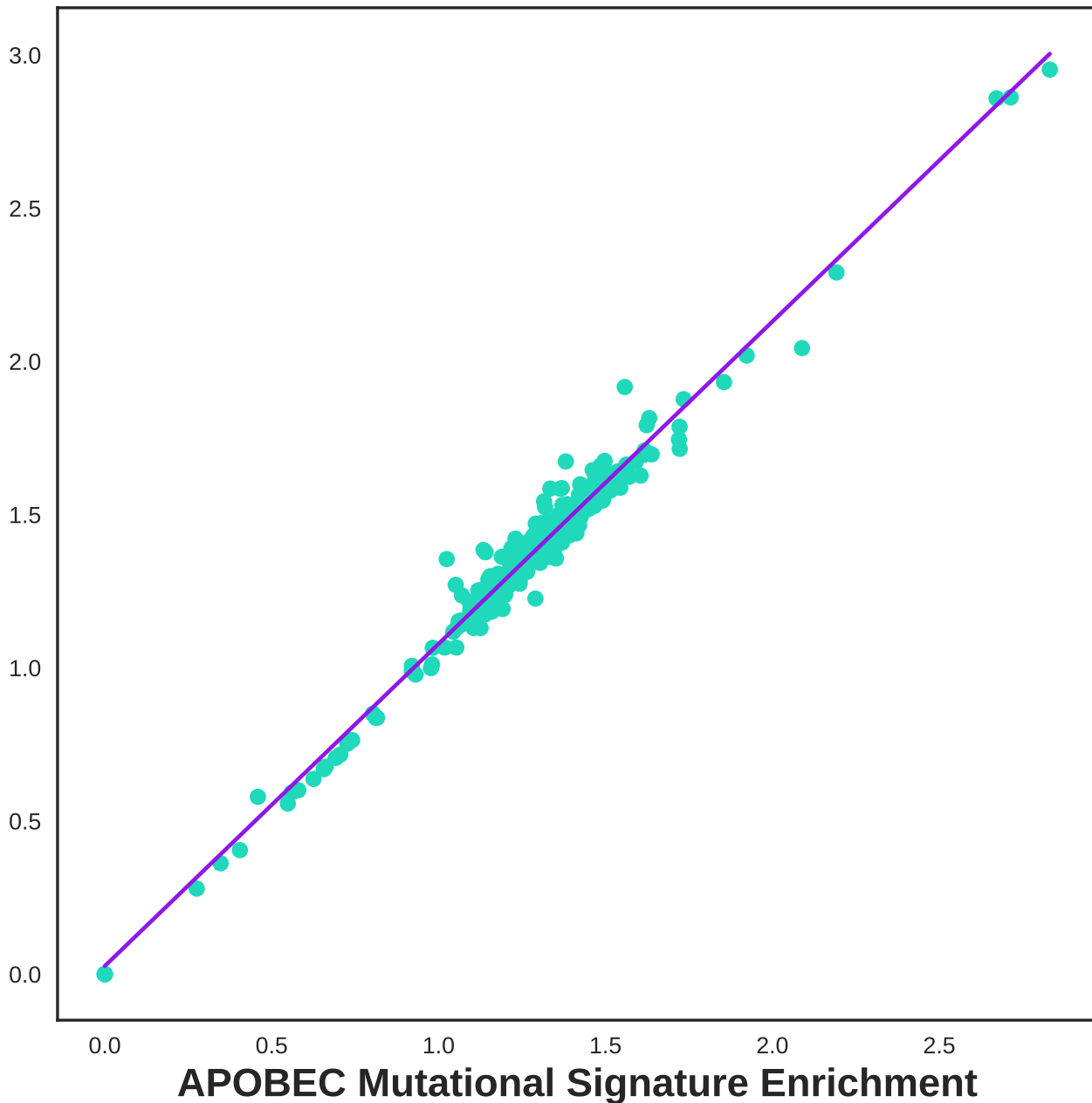
0.0 0.5 1.0 1.5 2.0 2.5 3.0

**APOBEC Mutational Signature Enrichment**

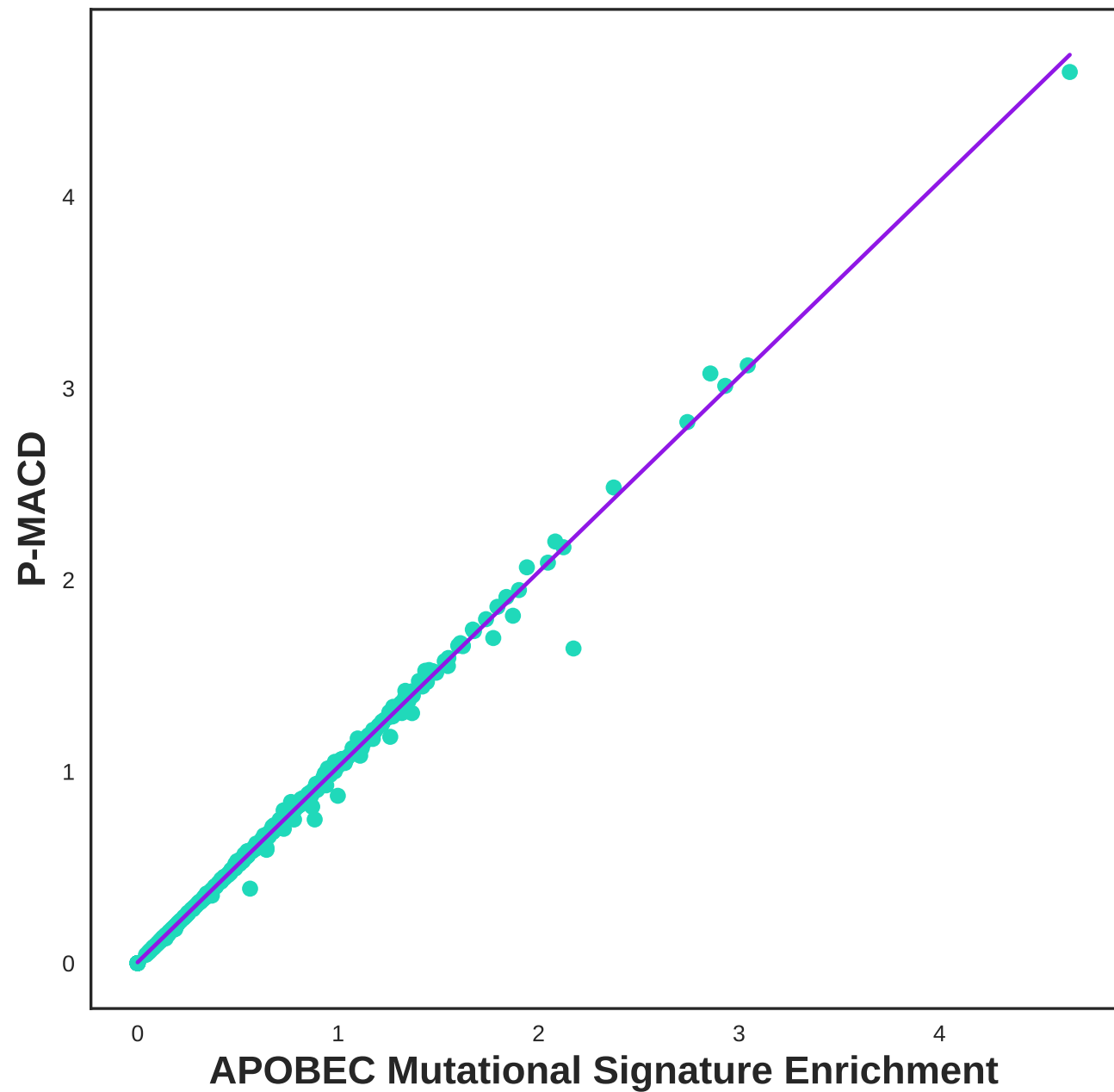


**TCGA SKCM:  $R^2 = 0.98$**

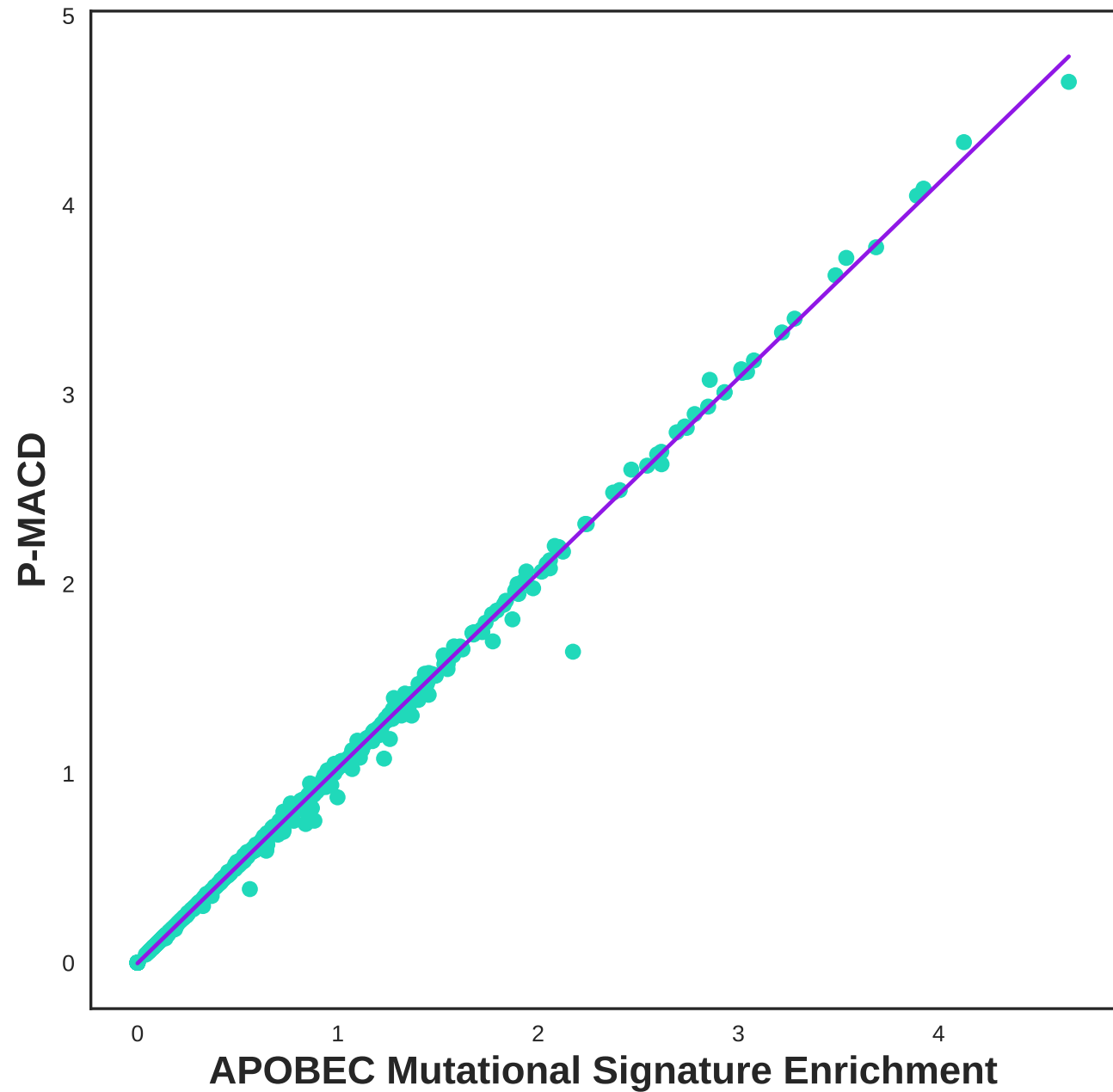
**P-MACD**



**TCGA STAD:  $R^2 = 1.00$**

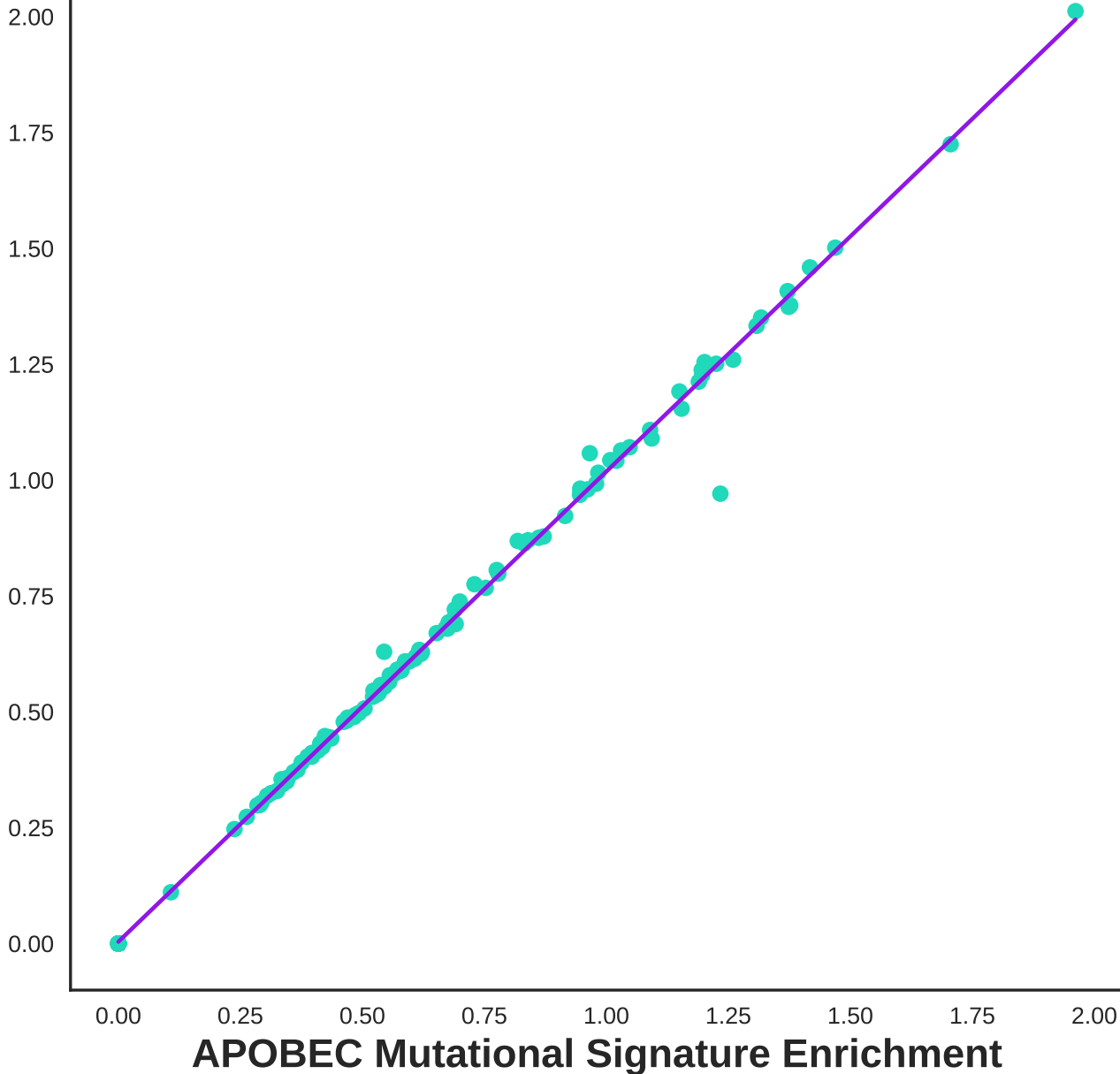


**TCGA STES:  $R^2 = 1.00$**



# TCGA TGCT: $R^2 = 1.00$

P-MACD



**TCGA THCA:  $R^2 = 1.00$**

**P-MACD**

6  
5  
4  
3  
2  
1  
0

0

1

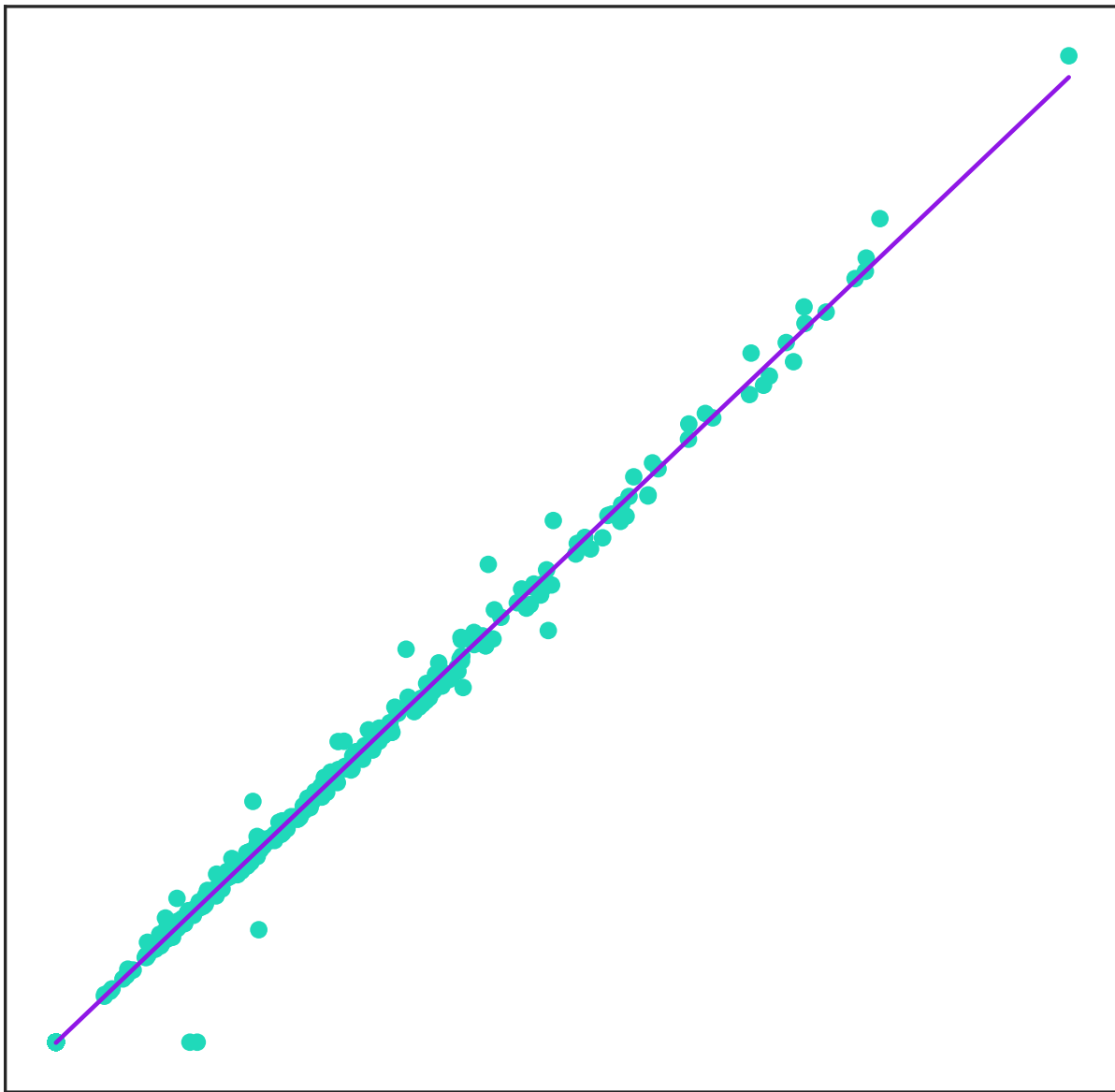
2

3

4

5

**APOBEC Mutational Signature Enrichment**

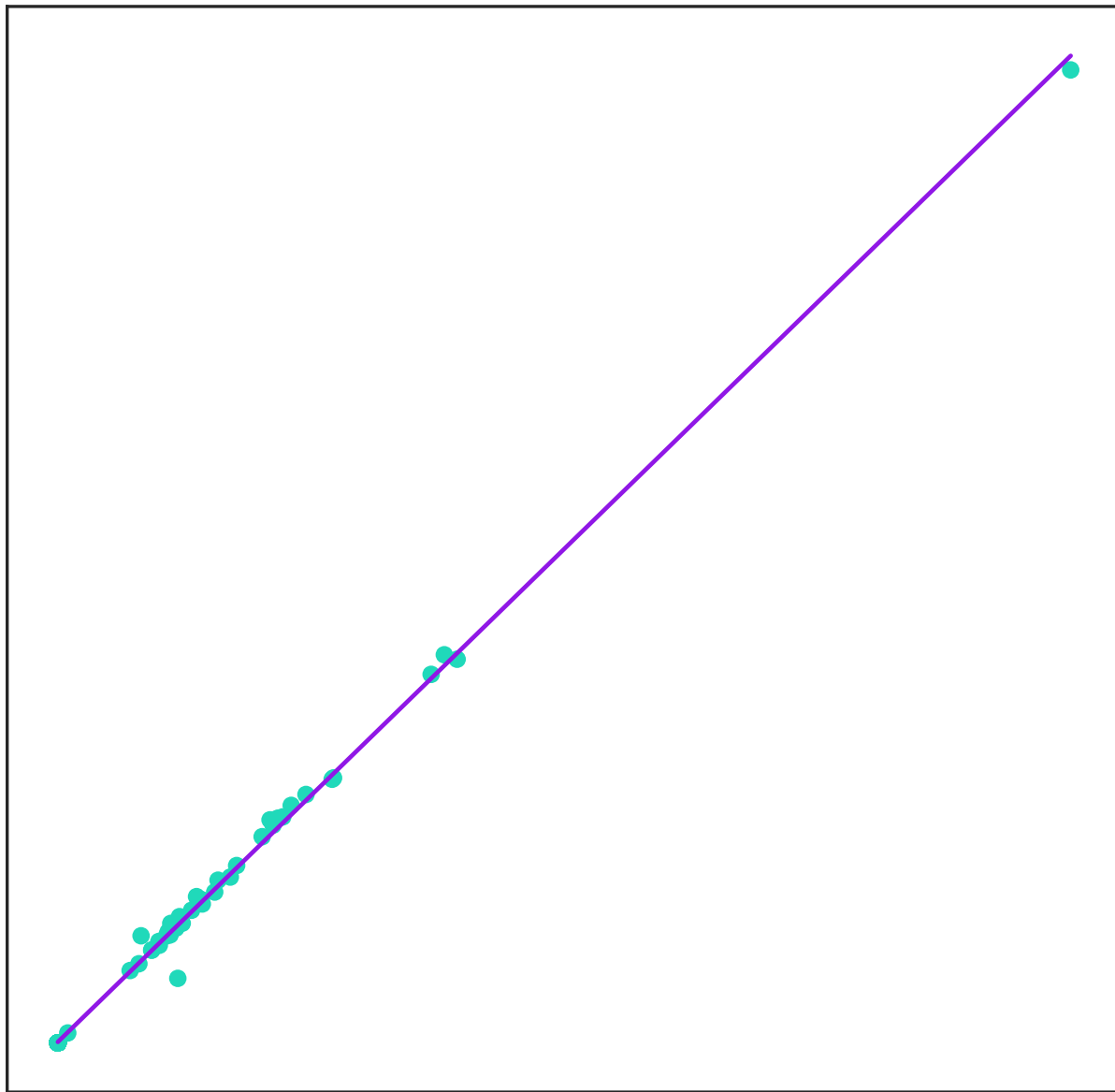




**TCGA THYM:  $R^2 = 1.00$**

**P-MACD**

8  
7  
6  
5  
4  
3  
2  
1  
0



**APOBEC Mutational Signature Enrichment**

**TCGA UCEC:  $R^2 = 1.00$**

**P-MACD**

4

3

2

1

0

0.0

0.5

1.0

1.5

2.0

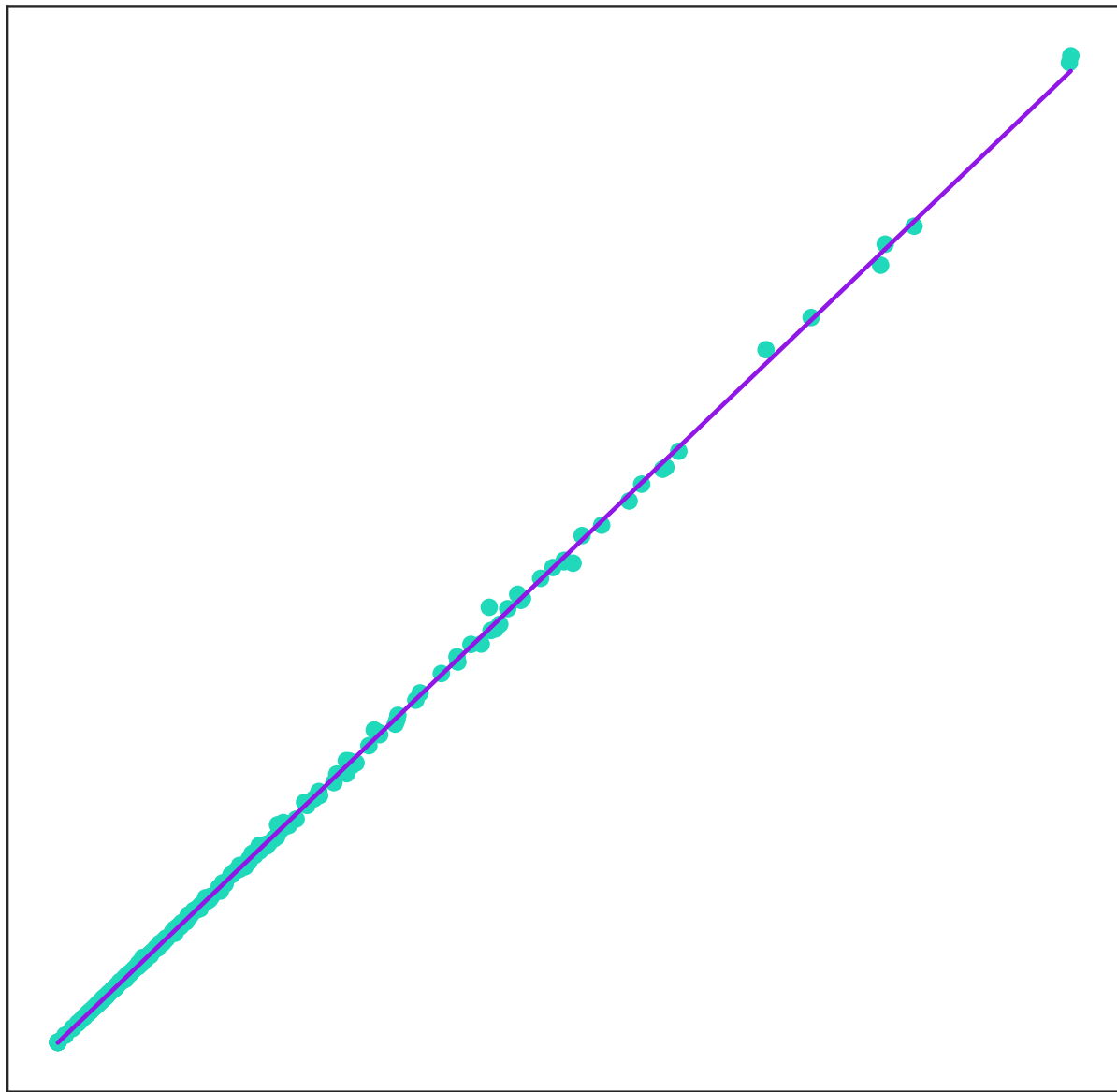
2.5

3.0

3.5

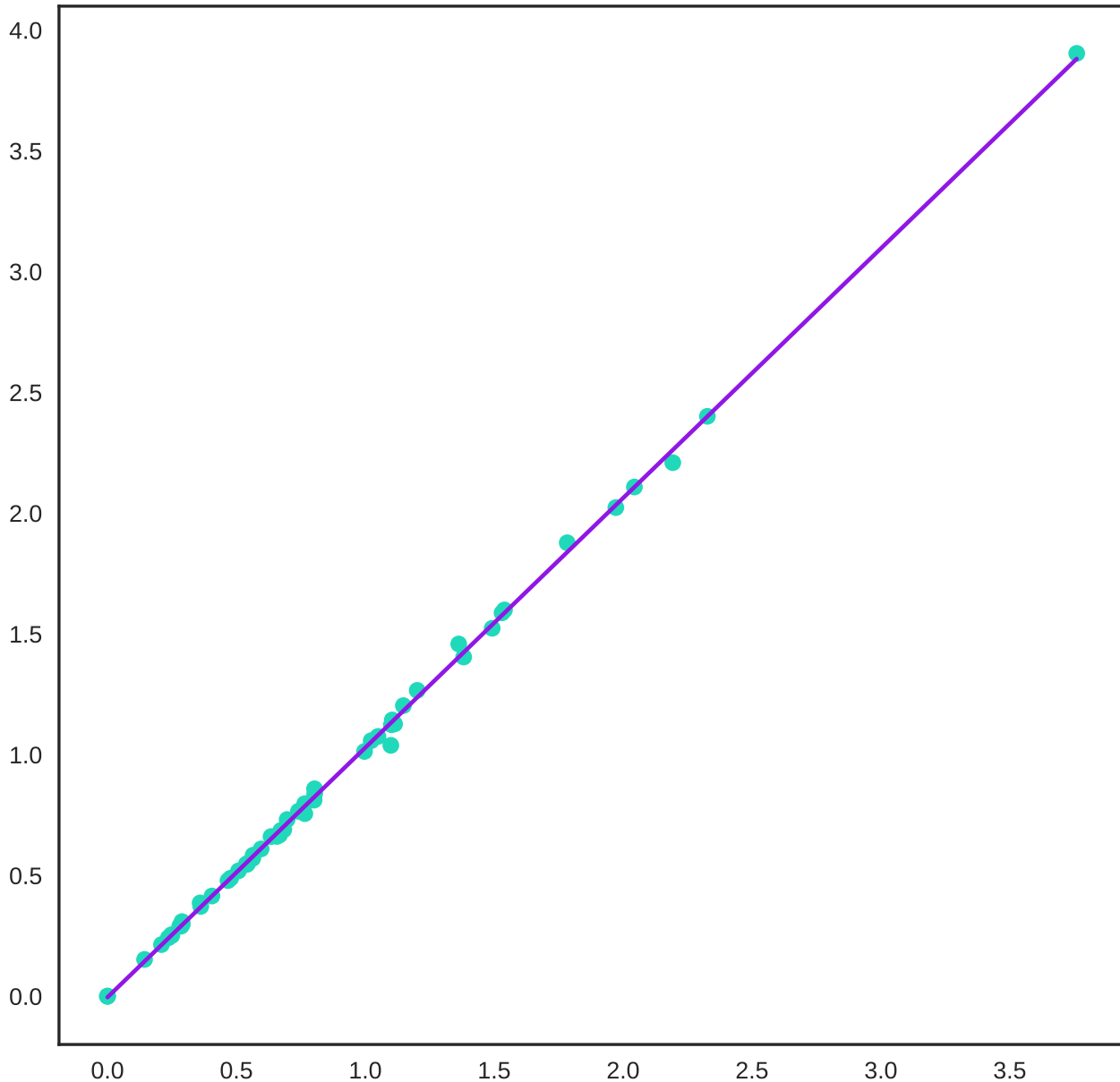
4.0

**APOBEC Mutational Signature Enrichment**



**TCGA UCS:  $R^2 = 1.00$**

**P-MACD**



**APOBEC Mutational Signature Enrichment**

# TCGA UVM: $R^2 = 0.97$

