

```

GET DATA /TYPE=XLSX
  /FILE='F:\PAH - Banjo and SPSS\PAH MB genes.xlsx'
  /SHEET=name 'Sheet1'
  /CELLRANGE=full
  /READNAMES=on
  /ASSUMEDSTRWIDTH=32767.
EXECUTE.
DATASET NAME DataSet1 WINDOW=FRONT.
REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT PAH
  /METHOD=ENTER ABCE1 ADRA2A ATF2 BCLAF1 TMF1 CYCS DDX18 FGA LDHA MAP7 MAPK6 NRAS NRIP1 PEX5 PP

```

Regression

Notes

| | | |
|------------------------|--------------------------------|---|
| Output Created | | 14-AUG-2014 15:37:42 |
| Comments | | |
| Input | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 146 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on cases with no missing values for any variable used. |

Notes

| | | | |
|-----------|--|-------------|--|
| Syntax | REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT PAH /METHOD=ENTER ABCE1 ADRA2A ATF2 BCLAF1 TMF1 CYCS DDX18 FGA LDHA MAP7 MAPK6 NRAS NRIP1 PEX5 PPP1CC PTGS1 CD40 GP1BA HAAO. | | |
| Resources | Processor Time | 00:00:00.00 | |
| | Elapsed Time | 00:00:00.02 | |
| | Memory Required | 21120 bytes | |
| | Additional Memory Required for Residual Plots | 0 bytes | |

[DataSet1]

Variables Entered/Removed^a

| Model | Variables Entered | Variables Removed | Method |
|-------|--|----------------------|--------|
| 1 | HAAO, ATF2, PTGS1, LDHA, ADRA2A, GP1BA, BCLAF1, CD40, DDX18, FGA, CYCS, MAP7, TMF1, PEX5, PPP1CC, MAPK6, NRIP1, ABCE1, NRAS ^b | . | Enter |

a. Dependent Variable: PAH

b. All requested variables entered.

Model Summary

| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
|-------|-------------------|----------|-------------------|----------------------------|
| 1 | .692 ^a | .478 | .400 | .389 |

a. Predictors: (Constant), HAAO, ATF2, PTGS1, LDHA, ADRA2A, GP1BA, BCLAF1, CD40, DDX18, FGA, CYCS, MAP7, TMF1, PEX5, PPP1CC, MAPK6, NRIP1, ABCE1, NRAS

ANOVA^a

| Model | | Sum of Squares | df | Mean Square | F | Sig. |
|-------|------------|----------------|-----|-------------|-------|-------------------|
| 1 | Regression | 17.453 | 19 | .919 | 6.079 | .000 ^b |
| | Residual | 19.040 | 126 | .151 | | |
| | Total | 36.493 | 145 | | | |

a. Dependent Variable: PAH

b. Predictors: (Constant), HAAO, ATF2, PTGS1, LDHA, ADRA2A, GP1BA, BCLAF1, CD40, DDX18, FGA, CYCS, MAP7, TMF1, PEX5, PPP1CC, MAPK6, NRIP1, ABCE1, NRAS

Coefficients^a

| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
|-------|------------|-----------------------------|------------|---------------------------|--------|------|
| | | B | Std. Error | Beta | | |
| 1 | (Constant) | .668 | .051 | | 13.098 | .000 |
| | ABCE1 | -.086 | .103 | -.142 | -.837 | .404 |
| | ADRA2A | -.007 | .061 | -.011 | -.115 | .909 |
| | ATF2 | -.277 | .060 | -.487 | -4.610 | .000 |
| | BCLAF1 | -.030 | .059 | -.054 | -.513 | .609 |
| | TMF1 | .072 | .077 | .126 | .937 | .350 |
| | CYCS | .022 | .101 | .036 | .222 | .825 |
| | DDX18 | -.081 | .089 | -.124 | -.918 | .360 |
| | FGA | -.093 | .071 | -.145 | -1.296 | .197 |
| | LDHA | -.110 | .075 | -.181 | -1.457 | .148 |
| | MAP7 | .191 | .087 | .300 | 2.181 | .031 |
| | MAPK6 | -.036 | .100 | -.061 | -.363 | .717 |
| | NRAS | -.112 | .112 | -.178 | -.995 | .321 |
| | NRIP1 | .095 | .113 | .147 | .841 | .402 |
| | PEX5 | .099 | .097 | .151 | 1.018 | .311 |
| | PPP1CC | -.111 | .088 | -.182 | -1.261 | .210 |
| | PTGS1 | .108 | .063 | .170 | 1.724 | .087 |
| | CD40 | .071 | .062 | .114 | 1.148 | .253 |

Coefficients^a

| Model | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
|-------|-----------------------------|------------|---------------------------|-------|------|
| | B | Std. Error | Beta | | |
| GP1BA | .085 | .071 | .126 | 1.203 | .231 |
| HAAO | .025 | .062 | .042 | .409 | .683 |

a. Dependent Variable: PAH