Performing meta-analysis...

Ignoring invalid line:

For gene NFKB1, correlation: 0.1950242918999033, p-value: 0.37252626157463276

For gene NFKB1, regression:

OLS Regression Results

==============================================================================

Dep. Variable: y R-squared: 0.038

Model: OLS Adj. R-squared: -0.008

Method: Least Squares F-statistic: 0.8303

Date: Thu, 03 Aug 2023 Prob (F-statistic): 0.373

Time: 17:18:35 Log-Likelihood: -21.854

No. Observations: 23 AIC: 47.71

Df Residuals: 21 BIC: 49.98

Df Model: 1

Covariance Type: nonrobust

==============================================================================

coef std err t P>|t| [0.025 0.975]

------------------------------------------------------------------------------

const 0.1005 0.137 0.736 0.470 -0.184 0.385

x1 0.1627 0.179 0.911 0.373 -0.209 0.534

==============================================================================

Omnibus: 12.817 Durbin-Watson: 2.042

Prob(Omnibus): 0.002 Jarque-Bera (JB): 13.076

Skew: 1.191 Prob(JB): 0.00145

Kurtosis: 5.824 Cond. No. 1.31

==============================================================================

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

For gene SRR, correlation: 0.2347012039200705, p-value: 0.28104962242901793

For gene SRR, regression:

OLS Regression Results

==============================================================================

Dep. Variable: y R-squared: 0.055

Model: OLS Adj. R-squared: 0.010

Method: Least Squares F-statistic: 1.224

Date: Thu, 03 Aug 2023 Prob (F-statistic): 0.281

Time: 17:18:35 Log-Likelihood: -25.081

No. Observations: 23 AIC: 54.16

Df Residuals: 21 BIC: 56.43

Df Model: 1

Covariance Type: nonrobust

==============================================================================

coef std err t P>|t| [0.025 0.975]

------------------------------------------------------------------------------

const -0.0769 0.157 -0.489 0.630 -0.404 0.250

x1 0.2273 0.205 1.106 0.281 -0.200 0.655

==============================================================================

Omnibus: 2.872 Durbin-Watson: 2.487

Prob(Omnibus): 0.238 Jarque-Bera (JB): 1.311

Skew: 0.268 Prob(JB): 0.519

Kurtosis: 4.040 Cond. No. 1.31

==============================================================================

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

For gene PDE4B, correlation: 0.2408523724070923, p-value: 0.26826399169903614

For gene PDE4B, regression:

OLS Regression Results

==============================================================================

Dep. Variable: y R-squared: 0.058

Model: OLS Adj. R-squared: 0.013

Method: Least Squares F-statistic: 1.293

Date: Thu, 03 Aug 2023 Prob (F-statistic): 0.268

Time: 17:18:35 Log-Likelihood: -30.038

No. Observations: 23 AIC: 64.08

Df Residuals: 21 BIC: 66.35

Df Model: 1

Covariance Type: nonrobust

==============================================================================

coef std err t P>|t| [0.025 0.975]

------------------------------------------------------------------------------

const 0.0825 0.195 0.423 0.677 -0.323 0.488

x1 0.2898 0.255 1.137 0.268 -0.240 0.820

==============================================================================

Omnibus: 1.000 Durbin-Watson: 1.922

Prob(Omnibus): 0.607 Jarque-Bera (JB): 0.631

Skew: 0.399 Prob(JB): 0.729

Kurtosis: 2.848 Cond. No. 1.31

==============================================================================

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

For gene TMED9, correlation: 0.43459316150191163, p-value: 0.038239663249509996

For gene TMED9, regression:

OLS Regression Results

==============================================================================

Dep. Variable: y R-squared: 0.189

Model: OLS Adj. R-squared: 0.150

Method: Least Squares F-statistic: 4.890

Date: Thu, 24 Aug 2023 Prob (F-statistic): 0.0382

Time: 14:44:51 Log-Likelihood: -26.408

No. Observations: 23 AIC: 56.82

Df Residuals: 21 BIC: 59.09

Df Model: 1

Covariance Type: nonrobust

==============================================================================

coef std err t P>|t| [0.025 0.975]

------------------------------------------------------------------------------

const 0.0185 0.167 0.111 0.913 -0.328 0.365

x1 0.4813 0.218 2.211 0.038 0.029 0.934

==============================================================================

Omnibus: 0.236 Durbin-Watson: 2.253

Prob(Omnibus): 0.889 Jarque-Bera (JB): 0.431

Skew: 0.052 Prob(JB): 0.806

Kurtosis: 2.338 Cond. No. 1.31

==============================================================================