Smed454 DGE Expression Levels [X1 vs X2 vs Xin]

**X1_norm**

Pearson's product–moment correlation
corr = 0.617194
p-val = 0 ***

Spearman's rank correlation rho (two sided)
Rho = 0.573385
p-val = 0 ***

Linear model estimates (lm)

| Coefficients | Estimate | Std.Error | t value | Pr(>|t|) |
|--------------|----------|-----------|---------|----------|
| Intercept    | 0.6976   | 0.009713  | 71.83   | 0 ***    |
| Slope        | 0.3887   | 0.01507   | 33.13   | 0 ***    |

Residual standard error: 0.688590 on 6163 degrees of freedom
Multiple R-squared: 0.23504 / Adjusted R-squared: 0.23488
F-statistic: 1459.79 on 1 and 6163 DF, p-value: 9.117e-279

**X2_norm**

Pearson's product–moment correlation
corr = 0.48481
p-val = 0 ***

Spearman's rank correlation rho (two sided)
Rho = 0.440947
p-val = 2.2985e-225 ***

Linear model estimates (lm)

| Coefficients | Estimate | Std.Error | t value | Pr(>|t|) |
|--------------|----------|-----------|---------|----------|
| Intercept    | 0.5366   | 0.01404   | 38.21   | 9.117e-279 *** |
| Slope        | 0.4563   | 0.02089   | 22.63   | 0.15100   |

Residual standard error: 0.570205 on 4751 degrees of freedom
Multiple R-squared: 0.23504 / Adjusted R-squared: 0.23488
F-statistic: 1459.79 on 1 and 4751 DF, p-value: 9.117e-279

**Xin_norm**

Pearson's product–moment correlation
corr = 0.38877
p-val = 0 ***

Spearman's rank correlation rho (two sided)
Rho = 0.35448
p-val = 5.63048e-182 ***

Linear model estimates (lm)

| Coefficients | Estimate | Std.Error | t value | Pr(>|t|) |
|--------------|----------|-----------|---------|----------|
| Intercept    | 0.4993   | 0.01507   | 33.13   | 0 ***    |
| Slope        | 0.5366   | 0.02089   | 27.63   | 0.15100   |

Residual standard error: 0.570205 on 4751 degrees of freedom
Multiple R-squared: 0.23504 / Adjusted R-squared: 0.23488
F-statistic: 1459.79 on 1 and 4751 DF, p-value: 9.117e-279