**Linear Regression**

| **Model Summary - lh\_all\_pos** |
| --- |

| **ANOVA** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | |  | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | |
| H₁ |  | Regression |  | 2.947×10-5 |  | 3 |  | 9.825×10-6 |  | 879.355 |  | < .001 |  |
|  |  | Residual |  | 4.246×10-7 |  | 38 |  | 1.117×10-8 |  |  |  |  |  |
|  |  | Total |  | 2.990×10-5 |  | 41 |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | |
| *Note.*  The intercept model is omitted, as no meaningful information can be shown. | | | | | | | | | | | | | |

| **Coefficients** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | |  | | **Unstandardized** | | **Standard Error** | | **Standardized** | | **t** | | **p** | |
| H₀ |  | (Intercept) |  | 0.011 |  | 1.318×10-4 |  |  |  | 85.631 |  | < .001 |  |
| H₁ |  | (Intercept) |  | 0.012 |  | 1.070×10-4 |  |  |  | 107.978 |  | < .001 |  |
|  |  | column |  | 1.281×10-4 |  | 8.518×10-6 |  | 0.919 |  | 15.041 |  | < .001 |  |
|  |  | group |  | -9.307×10-4 |  | 6.764×10-5 |  | -0.552 |  | -13.760 |  | < .001 |  |
|  |  | col\_x\_group |  | -1.686×10-5 |  | 5.387×10-6 |  | -0.221 |  | -3.129 |  | 0.003 |  |
|  | | | | | | | | | | | | | |

**Linear Regression**

| **Model Summary - lh\_all\_neg** |
| --- |

| **ANOVA** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | |  | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | |
| H₁ |  | Regression |  | 3.080×10-5 |  | 3 |  | 1.027×10-5 |  | 440.904 |  | < .001 |  |
|  |  | Residual |  | 8.849×10-7 |  | 38 |  | 2.329×10-8 |  |  |  |  |  |
|  |  | Total |  | 3.169×10-5 |  | 41 |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | |
| *Note.*  The intercept model is omitted, as no meaningful information can be shown. | | | | | | | | | | | | | |

| **Coefficients** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | |  | | **Unstandardized** | | **Standard Error** | | **Standardized** | | **t** | | **p** | |
| H₀ |  | (Intercept) |  | -0.011 |  | 1.356×10-4 |  |  |  | -78.579 |  | < .001 |  |
| H₁ |  | (Intercept) |  | -0.011 |  | 1.544×10-4 |  |  |  | -73.851 |  | < .001 |  |
|  |  | column |  | -1.037×10-4 |  | 1.230×10-5 |  | -0.723 |  | -8.437 |  | < .001 |  |
|  |  | group |  | 0.001 |  | 9.765×10-5 |  | 0.691 |  | 12.291 |  | < .001 |  |
|  |  | col\_x\_group |  | 5.125×10-6 |  | 7.777×10-6 |  | 0.065 |  | 0.659 |  | 0.514 |  |
|  | | | | | | | | | | | | | |

**Linear Regression**

| **Model Summary - rh\_all\_pos** |
| --- |

| **ANOVA** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | |  | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | |
| H₁ |  | Regression |  | 4.919×10-5 |  | 3 |  | 1.640×10-5 |  | 848.208 |  | < .001 |  |
|  |  | Residual |  | 7.346×10-7 |  | 38 |  | 1.933×10-8 |  |  |  |  |  |
|  |  | Total |  | 4.992×10-5 |  | 41 |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | |
| *Note.*  The intercept model is omitted, as no meaningful information can be shown. | | | | | | | | | | | | | |

| **Coefficients** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | |  | | **Unstandardized** | | **Standard Error** | | **Standardized** | | **t** | | **p** | |
| H₀ |  | (Intercept) |  | 0.013 |  | 1.703×10-4 |  |  |  | 74.611 |  | < .001 |  |
| H₁ |  | (Intercept) |  | 0.013 |  | 1.407×10-4 |  |  |  | 94.070 |  | < .001 |  |
|  |  | column |  | 1.189×10-4 |  | 1.120×10-5 |  | 0.660 |  | 10.609 |  | < .001 |  |
|  |  | group |  | -0.001 |  | 8.897×10-5 |  | -0.657 |  | -16.090 |  | < .001 |  |
|  |  | col\_x\_group |  | 1.880×10-5 |  | 7.086×10-6 |  | 0.190 |  | 2.653 |  | 0.012 |  |
|  | | | | | | | | | | | | | |

**Linear Regression**

| **Model Summary - rh\_all\_neg** |
| --- |

| **ANOVA** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | |  | | **Sum of Squares** | | **df** | | **Mean Square** | | **F** | | **p** | |
| H₁ |  | Regression |  | 3.211×10-5 |  | 3 |  | 1.070×10-5 |  | 491.432 |  | < .001 |  |
|  |  | Residual |  | 8.277×10-7 |  | 38 |  | 2.178×10-8 |  |  |  |  |  |
|  |  | Total |  | 3.294×10-5 |  | 41 |  |  |  |  |  |  |  |
|  | | | | | | | | | | | | | |
| *Note.*  The intercept model is omitted, as no meaningful information can be shown. | | | | | | | | | | | | | |

| **Coefficients** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | |  | | **Unstandardized** | | **Standard Error** | | **Standardized** | | **t** | | **p** | |
| H₀ |  | (Intercept) |  | -0.012 |  | 1.383×10-4 |  |  |  | -83.877 |  | < .001 |  |
| H₁ |  | (Intercept) |  | -0.012 |  | 1.493×10-4 |  |  |  | -78.146 |  | < .001 |  |
|  |  | column |  | -1.326×10-4 |  | 1.189×10-5 |  | -0.907 |  | -11.154 |  | < .001 |  |
|  |  | group |  | 9.058×10-4 |  | 9.444×10-5 |  | 0.511 |  | 9.591 |  | < .001 |  |
|  |  | col\_x\_group |  | 1.026×10-5 |  | 7.521×10-6 |  | 0.128 |  | 1.364 |  | 0.181 |  |
|  | | | | | | | | | | | | | |