Regression analysis results\_Urban Features---Sentiment Ranking

**Jan- April**

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| **Urban Metrics** | **Urban Features** | ***b*** | ***SEb*** | ***t*** | **Cor. & Sig.** | **Lower Bound** a | **Upper Bound** a | ***β*** |
| Results | Intercept | 0.97 | 0.05 | 19.13 | ***p* <.05** | 0.87 | 1.07 | 0.00 |
| Enclosure | Sky | -1.18 | 0.05 | -23.17 | -0.57\*\*\* | -1.28 | -1.08 | -0.49 |
| Wall | -0.35 | 0.08 | -4.34 | -0.41\*\*\* | -0.51 | -0.19 | -0.09 |
| Building | -0.11 | 0.04 | -2.54 | 0.22\* | -0.20 | -0.03 | -0.05 |
| Fence | -0.07 | 0.08 | -0.88 | -0.04 | -0.24 | 0.09 | -0.02 |
| Tree | 0.19 | 0.05 | 3.77 | 0.26\*\*\* | 0.09 | 0.28 | 0.07 |
| Human Scale | Road | -0.17 | 0.05 | -3.37 | -0.48\*\*\* | -0.26 | -0.07 | -0.07 |
| Sidewalk | 0.37 | 0.04 | 9.37 | 0.39\*\*\* | 0.29 | 0.45 | 0.18 |
| Complexity | Streetlight | -0.47 | 0.05 | -9.05 | -0.12\*\*\* | -0.57 | -0.37 | -0.15 |
| Signboard | 0.76 | 0.37 | 2.07 | -0.03\* | 0.04 | 1.49 | 0.03 |
| Person | 0.27 | 0.04 | 6.43 | 0.32\*\*\* | 0.19 | 0.35 | 0.12 |
| Bicycle | 0.24 | 0.03 | 7.08 | 0.26\*\*\* | 0.17 | 0.30 | 0.13 |
| Motor Vehicle | -0.07 | 0.07 | -1.08 | -0.11 | -0.20 | 0.06 | -0.02 |

\*\*\**p* < .001, \*\**p* <.01, \**p* <.05

*F(*12, 2120) *=* 191.1, *p<* .001 *and represented a large effect (R2adj* = 0.52*)*

*AIC =* 1344.05, *BIC =* 1423.16

a 95% confidence interval

**May- August**

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| **Urban Metrics** | **Urban Features** | ***b*** | ***SEb*** | ***t*** | **Cor. & Sig.** | **Lower Bound** a | **Upper Bound** a | ***β*** |
| Results | Intercept | 0.89 | 0.04 | 23.11 | ***p* <.05** | 0.81 | 0.96 | 0.00 |
| Enclosure | Sky | -1.45 | 0.04 | -34.59 | -0.66\*\*\* | -1.53 | -1.36 | -0.66 |
| Wall | 0.10 | 0.06 | 1.81 | -0.41 | -0.01 | 0.21 | 0.03 |
| Building | -0.18 | 0.04 | -5.06 | 0.33 | -0.25 | -0.11 | -0.08 |
| Fence | -0.57 | 0.08 | -7.28 | -0.05\*\*\* | -0.73 | -0.42 | -0.11 |
| Tree | 0.22 | 0.04 | 6.09 | 0.32\*\*\* | 0.15 | 0.29 | 0.10 |
| Human Scale | Road | 0.03 | 0.04 | 0.88 | -0.53 | -0.04 | 0.11 | 0.02 |
| Sidewalk | 0.56 | 0.03 | 18.87 | 0.37\*\*\* | 0.50 | 0.62 | 0.29 |
| Complexity | Streetlight | -0.24 | 0.04 | -6.05 | -0.20\*\*\* | -0.31 | -0.16 | -0.08 |
| Signboard | 0.15 | 0.31 | 0.49 | 0.03\*\* | -0.46 | 0.76 | 0.01 |
| Person | 0.21 | 0.03 | 6.35 | 0.27\*\*\* | 0.14 | 0.27 | 0.09 |
| Bicycle | 0.35 | 0.03 | 10.59 | 0.18\*\*\* | 0.28 | 0.41 | 0.17 |
| Motor Vehicle | 0.14 | 0.06 | 2.57 | -0.10 | 0.03 | 0.25 | 0.04 |

\*\*\**p* < .001, \*\**p* <.01, \**p* <.05

*F(*12, 2067) *=* 329.7, *p<* .001 *and represented a large effect (R2adj* = 0.60*)*

*AIC =* 1042.07, *BIC =* 1124.32

a 95% confidence interval

**Sep- Dec**

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| **Urban Metrics** | **Urban Features** | ***b*** | ***SEb*** | ***t*** | **Cor. & Sig.** | **Lower Bound** a | **Upper Bound** a | ***β*** |
| Results | Intercept | 0.92 | 0.05 | 20.29 | ***p* <.05** | 0.83 | 1.01 | 0.00 |
| Enclosure | Sky | -1.42 | 0.05 | -29.46 | -0.64 | -1.51 | -1.32 | -0.60 |
| Wall | -0.07 | 0.07 | -1.07 | -0.39 | -0.20 | 0.06 | -0.02 |
| Building | -0.06 | 0.04 | -1.35 | 0.31 | -0.14 | 0.03 | -0.03 |
| Fence | -0.57 | 0.08 | -6.85 | -0.12 | -0.73 | -0.40 | -0.12 |
| Tree | 0.20 | 0.05 | 4.05 | 0.31 | 0.10 | 0.30 | 0.07 |
| Human Scale | Road | 0.03 | 0.04 | 0.75 | -0.49 | -0.05 | 0.12 | 0.02 |
| Sidewalk | 0.44 | 0.04 | 12.04 | 0.39 | 0.37 | 0.52 | 0.22 |
| Complexity | Streetlight | -0.42 | 0.05 | -9.04 | -0.12 | -0.51 | -0.33 | -0.14 |
| Signboard | 0.94 | 0.35 | 2.71 | 0.02 | 0.26 | 1.62 | 0.05 |
| Person | 0.21 | 0.04 | 5.16 | 0.32 | 0.13 | 0.29 | 0.09 |
| Bicycle | 0.32 | 0.03 | 9.63 | 0.23 | 0.26 | 0.39 | 0.17 |
| Motor Vehicle | -0.04 | 0.07 | -0.61 | -0.10 | -0.17 | 0.09 | -0.01 |

\*\*\**p* < .001, \*\**p* <.01, \**p* <.05

*F(*12, 2648) *=* 329.7, *p<* .001 *and represented a large effect (R2adj* = 0.58*)*

*AIC =* 1066.33, *BIC =* 1145.09

a 95% confidence interval

Correlation plots

Graphical user interface, chart

Description automatically generated

Percentage of the features for positive and negative rankings (different times)

A picture containing text, screenshot, electronics, display

Description automatically generated