# DIRECT CORRELATION RESULTS OF CASES VS 5 FACTORS IN ALL 6 REGIONS

## S.B.S. NAGAR

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cases | BI | T.max | T.Min | RH | Rainfall |
| Cases | 1 | 0.14 | 0.01 | -0.1 | 0.01 | -0.28 |
| BI | 0.14 | 1 | 0.37 | 0.62 | 0.49 | 0.51 |
| T.max | 0.01 | 0.37 | 1 | 0.92 | -0.37 | 0.18 |
| T.Min | -0.1 | 0.62 | 0.92 | 1 | -0.07 | 0.42 |
| RH | 0.01 | 0.49 | -0.37 | -0.07 | 1 | 0.6 |
| Rainfall | -0.28 | 0.51 | 0.18 | 0.42 | 0.6 | 1 |

## AMRITSAR

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cases | BI | T.max | T.Min | RH | Rainfall |
| Cases | 1 | 0.2 | -0.05 | -0.07 | 0.12 | -0.13 |
| BI | 0.2 | 1 | 0.5 | 0.69 | 0.18 | 0.63 |
| T.max | -0.05 | 0.5 | 1 | 0.94 | -0.54 | 0.29 |
| T.Min | -0.07 | 0.69 | 0.94 | 1 | -0.28 | 0.51 |
| RH | 0.12 | 0.18 | -0.54 | -0.28 | 1 | 0.26 |
| Rainfall | -0.13 | 0.63 | 0.29 | 0.51 | 0.26 | 1 |

## GURDASPUR

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cases | BI | T.max | T.Min | RH | Rainfall |
| Cases | 1 | 0.12 | 0.01 | 0 | 0.15 | -0.24 |
| BI | 0.12 | 1 | 0.31 | 0.5 | 0.16 | 0.27 |
| T.max | 0.01 | 0.31 | 1 | 0.93 | -0.79 | 0.07 |
| T.Min | 0 | 0.5 | 0.93 | 1 | -0.55 | 0.32 |
| RH | 0.15 | 0.16 | -0.79 | -0.55 | 1 | 0.24 |
| Rainfall | -0.24 | 0.27 | 0.07 | 0.32 | 0.24 | 1 |

## JALANDHAR

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cases | BI | T.max | T.Min | RH | Rainfall |
| Cases | 1 | 0.06 | -0.05 | -0.12 | 0.16 | -0.16 |
| BI | 0.06 | 1 | 0.54 | 0.67 | 0.11 | -0.06 |
| T.max | -0.05 | 0.54 | 1 | 0.92 | -0.16 | -0.09 |
| T.Min | -0.12 | 0.67 | 0.92 | 1 | -0.05 | -0.02 |
| RH | 0.16 | 0.11 | -0.16 | -0.05 | 1 | -0.87 |
| Rainfall | -0.16 | -0.06 | -0.09 | -0.02 | -0.87 | 1 |

## S.A.S. NAGAR

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cases | BI | T.max | T.Min | RH | Rainfall |
| Cases | 1 | 0.09 | 0.02 | -0.08 | -0.11 | 0.17 |
| BI | 0.09 | 1 | 0.37 | 0.59 | 0.31 | 0.41 |
| T.max | 0.02 | 0.37 | 1 | 0.91 | -0.54 | 0.14 |
| T.Min | -0.08 | 0.59 | 0.91 | 1 | -0.3 | 0.29 |
| RH | -0.11 | 0.31 | -0.54 | -0.3 | 1 | -0.18 |
| Rainfall | 0.17 | 0.41 | 0.14 | 0.29 | -0.18 | 1 |

## SHIR MUKTSAR

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cases | BI | T.max | T.Min | RH | Rainfall |
| Cases | 1 | 0.13 | -0.09 | -0.19 | 0.04 | -0.24 |
| BI | 0.13 | 1 | 0.18 | 0.32 | 0.25 | 0.26 |
| T.max | -0.09 | 0.18 | 1 | 0.89 | -0.59 | 0.35 |
| T.Min | -0.19 | 0.32 | 0.89 | 1 | -0.2 | 0.65 |
| RH | 0.04 | 0.25 | -0.59 | -0.2 | 1 | 0.35 |
| Rainfall | -0.24 | 0.26 | 0.35 | 0.65 | 0.35 | 1 |

# CROSS CORRELATION VALUES WITH LAG PERIODS BETWEEN CASES AND CLIMATE FACTORS

## S.B.S. NAGAR:

## CASES VS BI

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 |  |
| 0.528 | 0.513 | 0.157 | -0.142 | -0.191 |  |
| -5 | -4 | -3 | -2 | -1 |  |
| -0.257 | -0.308 | -0.302 | -0.298 | -0.108 |  |
| 0 | 1 | 2 | 3 | 4 | 5 |
| 0.14 | 0.377 | 0.683 | 0.572 | 0.066 | -0.175 |
| 6 | 7 | 8 | 9 | 10 |  |
| -0.22 | -0.277 | -0.349 | -0.345 | -0.222 |  |

## CASES VS MAX TEMPERATURE

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 |  |
| 0.181 | 0.21 | 0.319 | 0.402 | 0.272 |  |
| -5 | -4 | -3 | -2 | -1 |  |
| -0.002 | -0.29 | -0.497 | -0.603 | -0.362 |  |
| 0 | 1 | 2 | 3 | 4 |  |
| 0.011 | 0.196 | 0.216 | 0.269 | 0.423 |  |
| 5 | 6 | 7 | 8 | 9 | 10 |
| 0.529 | 0.412 | 0.022 | -0.335 | -0.575 | -0.528 |

## CASES VS MIN TEMPERATURE

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 |  |
| 0.35 | 0.391 | 0.371 | 0.278 | 0.113 |  |
| -5 | -4 | -3 | -2 | -1 |  |
| -0.103 | -0.324 | -0.478 | -0.599 | -0.435 |  |
| 0 | 1 | 2 | 3 | 4 |  |
| -0.095 | 0.23 | 0.437 | 0.502 | 0.478 |  |
| 5 | 6 | 7 | 8 | 9 | 10 |
| 0.393 | 0.199 | -0.118 | -0.377 | -0.545 | -0.468 |

## BI VS MAX TEMPERATURE

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.562 | 0.506 | 0.286 | -0.028 | -0.367 | -0.688 | -0.772 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.551 | -0.19 | 0.107 | 0.365 | 0.551 | 0.688 | 0.653 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.384 | -0.038 | -0.47 | -0.756 | -0.709 | -0.432 | -0.101 |

## CASES VS RELATIVE HUMIDITY

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.349 | 0.284 | -0.162 | -0.509 | -0.458 | -0.204 | 0.069 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| 0.18 | 0.112 | 0.016 | 0.015 | 0.337 | 0.564 | 0.439 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| -0.106 | -0.608 | -0.539 | -0.209 | 0.027 | 0.162 | 0.097 |

## CASES VS RAINFALL

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| -0.228 | -0.13 | -0.05 | -0.198 | -0.247 | -0.099 | 0.289 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| 0.59 | 0.53 | 0.082 | -0.276 | -0.316 | -0.248 | 0.073 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.068 | -0.123 | -0.142 | -0.1 | 0.127 | 0.426 | 0.305 |

## AMRITSAR

## CASES VS BI

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.232 | 0.265 | 0.274 | -0.013 | -0.103 | -0.082 | -0.172 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.255 | -0.309 | -0.141 | 0.201 | 0.455 | 0.523 | 0.539 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.184 | -0.128 | -0.173 | -0.168 | -0.252 | -0.308 | -0.25 |

## CASES VS T MAX

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.167 | 0.176 | 0.212 | 0.264 | 0.218 | 0.043 | -0.192 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.35 | -0.54 | -0.376 | -0.047 | 0.141 | 0.233 | 0.289 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.375 | 0.457 | 0.297 | 0.007 | -0.305 | -0.498 | -0.499 |

## CASES VS T MIN

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.233 | 0.28 | 0.267 | 0.216 | 0.11 | -0.029 | -0.194 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.345 | -0.502 | -0.364 | -0.068 | 0.194 | 0.392 | 0.442 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.416 | 0.325 | 0.129 | -0.095 | -0.336 | -0.466 | -0.467 |

## CASES VS RH

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.066 | 0.14 | 0.009 | -0.269 | -0.414 | -0.216 | 0.041 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| 0.16 | 0.297 | 0.154 | 0.118 | 0.159 | 0.244 | 0.207 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| -0.042 | -0.445 | -0.581 | -0.192 | 0.103 | 0.274 | 0.301 |

## CASES VS RAINFALL

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.039 | 0.305 | 0.336 | -0.025 | -0.129 | -0.109 | -0.069 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.096 | -0.171 | -0.189 | -0.126 | 0.1 | 0.31 | 0.42 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.368 | -0.1 | -0.15 | -0.152 | -0.166 | -0.088 | -0.191 |

## GURDASPUR

## CASES VS BI

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.384 | 0.457 | 0.277 | -0.132 | -0.207 | -0.212 | -0.211 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.193 | -0.166 | -0.056 | 0.119 | 0.247 | 0.288 | 0.145 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| -0.102 | -0.223 | -0.261 | -0.277 | -0.278 | -0.243 | -0.001 |

## CASES VS T MAX

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.184 | 0.223 | 0.254 | 0.263 | 0.161 | -0.057 | -0.268 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.407 | -0.544 | -0.354 | 0.015 | 0.202 | 0.281 | 0.347 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.47 | 0.381 | 0.138 | -0.214 | -0.432 | -0.52 | -0.377 |

## CASES VS T MIN

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.215 | 0.32 | 0.292 | 0.192 | 0.042 | -0.116 | -0.278 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.374 | -0.489 | -0.312 | -0.004 | 0.29 | 0.46 | 0.457 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.383 | 0.211 | -0.004 | -0.253 | -0.433 | -0.494 | -0.371 |

## CASES VS RH

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.005 | 0.006 | -0.136 | -0.367 | -0.311 | -0.062 | 0.154 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| 0.281 | 0.411 | 0.318 | 0.147 | 0.153 | 0.13 | -0.182 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| -0.559 | -0.587 | -0.307 | 0.087 | 0.29 | 0.404 | 0.312 |

## CASES VS RAINFALL

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| -0.032 | 0.127 | 0.201 | 0.033 | -0.107 | -0.058 | 0.093 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| 0.107 | -0.129 | -0.212 | -0.238 | 0.018 | 0.367 | 0.348 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.039 | -0.196 | -0.191 | -0.028 | 0.155 | -0.081 | -0.256 |

## JALANDHAR

## CASES VS BI

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.406 | 0.475 | 0.36 | 0.137 | -0.103 | -0.3 | -0.322 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.293 | -0.23 | -0.121 | 0.061 | 0.192 | 0.373 | 0.367 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.307 | 0.184 | -0.128 | -0.346 | -0.385 | -0.351 | -0.239 |

## CASES VS T MAX

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.215 | 0.261 | 0.351 | 0.365 | 0.214 | -0.069 | -0.336 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.474 | -0.533 | -0.415 | -0.045 | 0.171 | 0.249 | 0.309 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.442 | 0.553 | 0.409 | 0.064 | -0.348 | -0.535 | -0.495 |

## CASES VS T MIN

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.356 | 0.388 | 0.35 | 0.242 | 0.061 | -0.15 | -0.332 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.453 | -0.513 | -0.449 | -0.12 | 0.221 | 0.47 | 0.531 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.518 | 0.411 | 0.181 | -0.101 | -0.388 | -0.498 | -0.444 |

## CASES VS RH

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.121 | 0.063 | -0.066 | -0.149 | -0.106 | -0.011 | 0.053 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| 0.066 | 0.108 | 0.179 | 0.159 | 0.224 | 0.277 | 0.231 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.058 | -0.144 | -0.128 | 0.032 | 0.182 | 0.19 | 0.079 |

## CASES VS RAINFALL

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.022 | 0.018 | -0.039 | -0.099 | -0.103 | -0.048 | 0.007 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| 0.019 | -0.022 | -0.142 | -0.158 | -0.12 | -0.052 | -0.041 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| -0.105 | -0.203 | -0.218 | -0.18 | -0.145 | -0.092 | 0.015 |

## SAS NAGAR

## CASES VS BI

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.131 | 0.109 | 0.029 | -0.039 | -0.086 | -0.1 | -0.096 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.098 | -0.152 | -0.083 | 0.087 | 0.353 | 0.606 | 0.459 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.137 | -0.107 | -0.205 | -0.217 | -0.21 | -0.212 | -0.148 |

## CASES VS T MAX

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.08 | 0.095 | 0.125 | 0.127 | 0.07 | -0.032 | -0.12 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.183 | -0.33 | -0.238 | 0.016 | 0.133 | 0.161 | 0.208 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.321 | 0.38 | 0.267 | -0.01 | -0.254 | -0.425 | -0.363 |

## CASES VS T MIN

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.126 | 0.135 | 0.122 | 0.08 | 0.015 | -0.065 | -0.134 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.181 | -0.315 | -0.288 | -0.077 | 0.173 | 0.318 | 0.356 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.355 | 0.279 | 0.125 | -0.095 | -0.286 | -0.392 | -0.304 |

## CASES VS RH

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.072 | 0.034 | -0.059 | -0.132 | -0.109 | -0.023 | 0.068 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| 0.103 | 0.079 | -0.011 | -0.107 | -0.009 | 0.077 | -0.001 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| -0.247 | -0.501 | -0.508 | -0.309 | -0.076 | 0.024 | 0.018 |

## CASES VS RAINFALL

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.035 | 0.056 | -0.001 | -0.054 | -0.068 | -0.059 | -0.05 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.026 | 0.175 | 0.184 | 0.17 | 0.321 | 0.554 | 0.577 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.373 | 0.173 | 0.125 | 0.237 | 0.272 | 0.296 | 0.035 |

## SHIR MUKTSAR

## CASES VS BI

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.066 | 0.045 | -0.004 | -0.054 | -0.073 | -0.076 | -0.076 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.083 | -0.086 | -0.027 | 0.13 | 0.318 | 0.49 | 0.404 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.114 | -0.079 | -0.13 | -0.147 | -0.159 | -0.161 | -0.136 |

## CASES VS T MAX

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.089 | 0.102 | 0.128 | 0.177 | 0.138 | 0.033 | -0.139 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.242 | -0.305 | -0.387 | -0.085 | 0.11 | 0.165 | 0.226 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.318 | 0.401 | 0.298 | 0.015 | -0.253 | -0.295 | -0.251 |

## CASES VS T MIN

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.141 | 0.172 | 0.167 | 0.128 | 0.052 | -0.035 | -0.142 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.213 | -0.306 | -0.452 | -0.193 | 0.106 | 0.336 | 0.404 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.388 | 0.296 | 0.112 | -0.106 | -0.273 | -0.277 | -0.254 |

## CASES VS RH

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.057 | 0.072 | -0.025 | -0.205 | -0.244 | -0.148 | 0.03 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| 0.132 | 0.142 | 0.135 | 0.041 | 0.122 | 0.275 | 0.224 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| -0.025 | -0.387 | -0.483 | -0.207 | 0.117 | 0.2 | 0.148 |

## CASES VS RAINFALL

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| -10 | -9 | -8 | -7 | -6 | -5 | -4 |
| 0.045 | 0.115 | 0.142 | 0 | -0.041 | -0.091 | -0.089 |
| -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| -0.068 | -0.106 | -0.286 | -0.245 | -0.034 | 0.3 | 0.36 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 0.313 | 0.02 | -0.187 | -0.21 | -0.165 | -0.091 | -0.049 |