

Étude des 25 sites du réseau des toponymes "Villeneuve" : Angle rectangle + ou - 0.9°, Alignement + ou - 2.05°, 1.5% précision rapport des distances

| CAS REEL: | 45 | 2 | 2 | 0 | 2 | 2 | 2 | 0 | 36 | 0 | 0 | 0 | 132 | 15 | 10 | 2 | 0 | 0 | 0 | 3 | |
|----------------------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|
| CAS ALEATOIRE: | MEDIANE | 55 | 2 | 3 | 1 | 2 | 2 | 2 | 28 | 1 | 1 | 0 | 126 | 18 | 9 | 3 | 0 | 0 | 0 | 5 | |
| | MOYENNE | 55.121326 | 1.940627 | 3.212775 | 0.78764 | 2.08511 | 1.85301 | 1.944406 | 1.894374 | 28.605467 | 0.953296 | 0.918134 | 0.381481 | 126.859919 | 18.207254 | 9.551994 | 3.62513 | 0.041407 | 0.000303 | 0.037788 | 4.950632 |
| | ECART TYPE | 8.037397999 | 1.404432205 | 1.814457244 | 0.894176733 | 1.459352054 | 1.39701893 | 1.422918596 | 1.389349156 | 6.175053266 | 1.235281451 | 1.20870237 | 0.623266905 | 15.70907703 | 4.992273701 | 3.658347442 | 1.980586884 | 0.20501342 | 0.017404267 | 0.197469253 | 2.937573732 |
| écart cas réel - cas aléatoire : | | -10.121326 | 0.059373 | -1.212775 | -0.78764 | -0.08511 | 0.14699 | 0.055594 | -1.894374 | 7.394533 | -0.953296 | -0.918134 | -0.381481 | 5.140081 | -3.207254 | 0.448006 | -1.62513 | -0.041407 | -0.000303 | -0.037788 | -1.950632 |
| écart n.sigma ou z-score : | | 1.2593 | 0.0423 | 0.6588 | 0.8809 | 0.0583 | 0.1052 | 0.0391 | 1.3635 | 1.1975 | 0.7717 | 0.7596 | 0.6121 | 0.3272 | 0.6424 | 0.1225 | 0.8205 | 0.2020 | 0.0174 | 0.1934 | 0.6640 |
| alpha | % tirages aléa en dehors bornes du cas réel : | 20.79 | 96.63 | 50.39 | 37.84 | 95.35 | 91.62 | 96.88 | 17.27 | 23.11176124 | 44.03 | 44.75 | 54.05 | 74.35 | 52.06 | 90.25 | 41.19 | 83.99 | 98.61 | 84.82 | 50.67 |
| Confiance | Pr(m-n.sigma <= aléa <= m+n.sigma) : | 0.792070 | 0.033721 | 0.496119 | 0.621604 | 0.046507 | 0.083796 | 0.031166 | 0.827274 | 0.768882 | 0.559722 | 0.552508 | 0.459506 | 0.256487 | 0.479415 | 0.097466 | 0.588086 | 0.160061 | 0.013890 | 0.151758 | 0.493328 |
| Signification statistique | Pr(réel à n.sigma de moyenne), p-value : | 0.207930 | 0.966279 | 0.503881 | 0.378396 | 0.953493 | 0.916204 | 0.968834 | 0.172726 | 0.231118 | 0.440278 | 0.447492 | 0.540494 | 0.743513 | 0.520585 | 0.902534 | 0.411914 | 0.839939 | 0.986110 | 0.848242 | 0.506672 |
| MI-TIRAGE: | MOYENNE | 55.126876 | 1.941656 | 3.21436 | 0.7871 | 2.084348 | 1.853468 | 1.94225 | 1.894836 | 28.609874 | 0.951592 | 0.917836 | 0.381756 | 126.843352 | 18.201284 | 9.55259 | 3.62358 | 0.041682 | 0.000276 | 0.037598 | 4.945558 |
| | ECART TYPE | 8.039257412 | 1.404508428 | 1.814087201 | 0.89475091 | 1.460408737 | 1.397668158 | 1.422054493 | 1.390036114 | 6.174142527 | 1.235902796 | 1.211648469 | 0.624002512 | 15.6912589 | 4.989848349 | 3.657387188 | 1.978739956 | 0.20596285 | 0.016610972 | 0.196795498 | 2.937212169 |
| | z-score | 1.2597 | 0.0415 | 0.6694 | 0.8797 | 0.0578 | 0.1048 | 0.0406 | 1.3632 | 1.1969 | 0.7700 | 0.7575 | 0.6118 | 0.3286 | 0.6416 | 0.1223 | 0.8205 | 0.2024 | 0.0166 | 0.1911 | 0.6624 |
| TIRAGE COMPLET-MI TIRAGE : | | -0.0004 | 0.0007 | -0.0010 | 0.0012 | 0.0006 | 0.0004 | -0.0015 | 0.0003 | 0.0005 | 0.0018 | 0.0021 | 0.0003 | -0.0014 | 0.0009 | 0.0001 | 0.0000 | -0.0004 | 0.0008 | 0.0003 | 0.0016 |