

Untitled

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R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
##           speed           dist
##  Min.      : 4.0      Min.    :  2.00
##  1st Qu.:12.0      1st Qu.: 26.00
##  Median :15.0      Median : 36.00
##  Mean   :15.4      Mean    : 42.98
##  3rd Qu.:19.0      3rd Qu.: 56.00
##  Max.    :25.0      Max.     :120.00
```

Figure 1

```
## 'geom_smooth()' using formula = 'y ~ x'
```

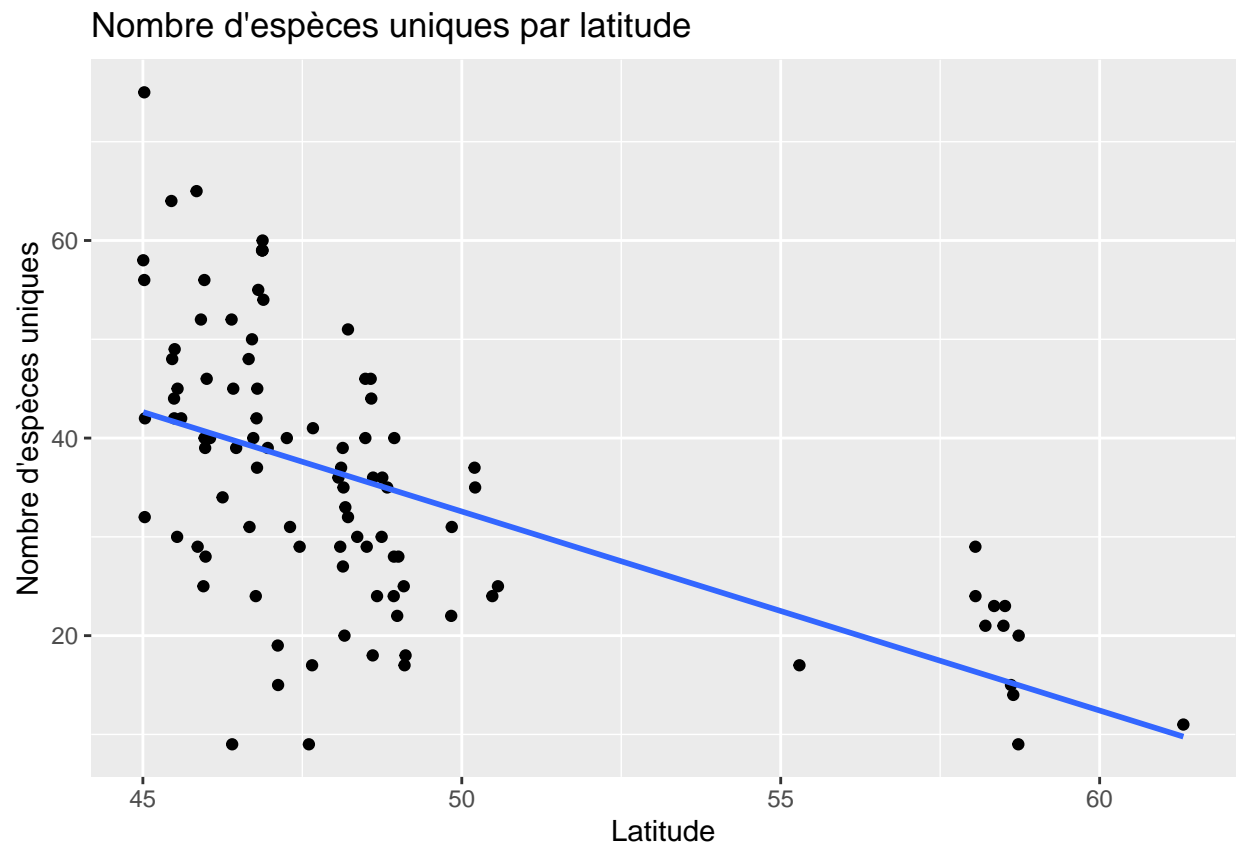


Figure 3

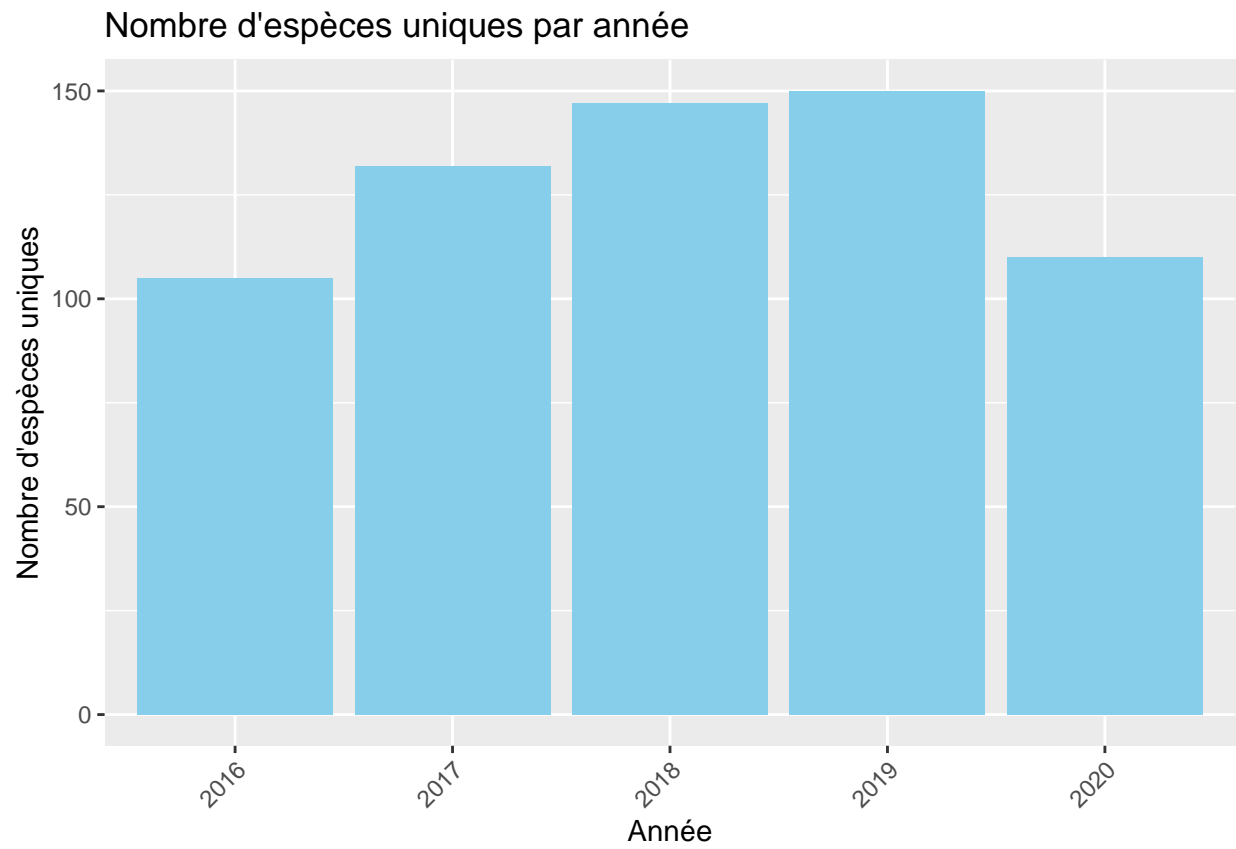
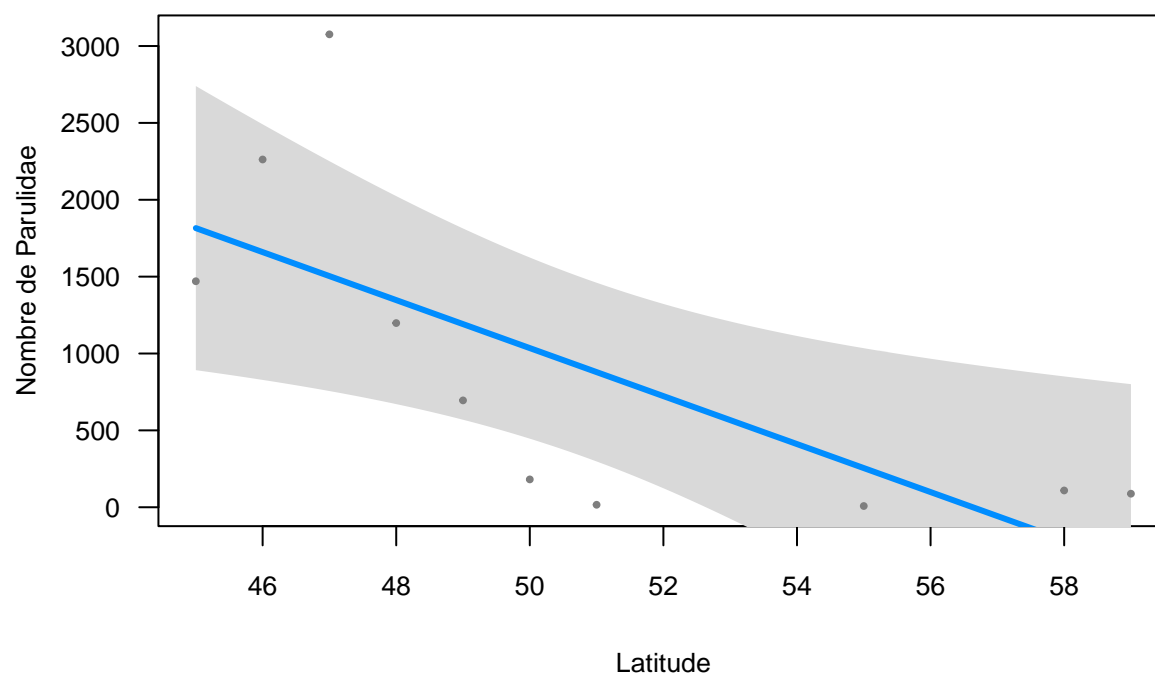


Figure 2

Abondance de parulines en fonction de la latitude



```
## $fit
##      Latitude    x visregFit visregLwr visregUpr
## 1      45.00 438 1815.67577   891.70042 2739.6511
## 2      45.14 438 1793.82188   883.27527 2704.3685
## 3      45.28 438 1771.96798   874.71568 2669.2203
## 4      45.42 438 1750.11408   866.01558 2634.2126
## 5      45.56 438 1728.26018   857.16860 2599.3518
## 6      45.70 438 1706.40628   848.16806 2564.6445
## 7      45.84 438 1684.55239   839.00697 2530.0978
## 8      45.98 438 1662.69849   829.67798 2495.7190
## 9      46.12 438 1640.84459   820.17340 2461.5158
## 10     46.26 438 1618.99069   810.48519 2427.4962
## 11     46.40 438 1597.13679   800.60494 2393.6687
## 12     46.54 438 1575.28290   790.52385 2360.0419
## 13     46.68 438 1553.42900   780.23275 2326.6252
## 14     46.82 438 1531.57510   769.72208 2293.4281
## 15     46.96 438 1509.72120   758.98189 2260.4605
## 16     47.10 438 1487.86730   748.00183 2227.7328
## 17     47.24 438 1466.01341   736.77117 2195.2556
## 18     47.38 438 1444.15951   725.27881 2163.0402
## 19     47.52 438 1422.30561   713.51326 2131.0980
## 20     47.66 438 1400.45171   701.46270 2099.4407
## 21     47.80 438 1378.59781   689.11496 2068.0807
## 22     47.94 438 1356.74392   676.45760 2037.0302
## 23     48.08 438 1334.89002   663.47789 2006.3022
## 24     48.22 438 1313.03612   650.16287 1975.9094
```

## 25	48.36	438	1291.18222	636.49944	1945.8650
## 26	48.50	438	1269.32832	622.47436	1916.1823
## 27	48.64	438	1247.47443	608.07433	1886.8745
## 28	48.78	438	1225.62053	593.28611	1857.9549
## 29	48.92	438	1203.76663	578.09654	1829.4367
## 30	49.06	438	1181.91273	562.49267	1801.3328
## 31	49.20	438	1160.05883	546.46184	1773.6558
## 32	49.34	438	1138.20494	529.99177	1746.4181
## 33	49.48	438	1116.35104	513.07072	1719.6314
## 34	49.62	438	1094.49714	495.68754	1693.3067
## 35	49.76	438	1072.64324	477.83181	1667.4547
## 36	49.90	438	1050.78934	459.49393	1642.0848
## 37	50.04	438	1028.93545	440.66528	1617.2056
## 38	50.18	438	1007.08155	421.33823	1592.8249
## 39	50.32	438	985.22765	401.50633	1568.9490
## 40	50.46	438	963.37375	381.16430	1545.5832
## 41	50.60	438	941.51985	360.30817	1522.7315
## 42	50.74	438	919.66596	338.93530	1500.3966
## 43	50.88	438	897.81206	317.04438	1478.5797
## 44	51.02	438	875.95816	294.63553	1457.2808
## 45	51.16	438	854.10426	271.71023	1436.4983
## 46	51.30	438	832.25036	248.27131	1416.2294
## 47	51.44	438	810.39647	224.32294	1396.4700
## 48	51.58	438	788.54257	199.87057	1377.2146
## 49	51.72	438	766.68867	174.92083	1358.4565
## 50	51.86	438	744.83477	149.48148	1340.1881
## 51	52.00	438	722.98087	123.56130	1322.4004
## 52	52.14	438	701.12698	97.17001	1305.0839
## 53	52.28	438	679.27308	70.31814	1288.2280
## 54	52.42	438	657.41918	43.01693	1271.8214
## 55	52.56	438	635.56528	15.27821	1255.8524
## 56	52.70	438	613.71138	-12.88568	1240.3085
## 57	52.84	438	591.85749	-41.46204	1225.1770
## 58	52.98	438	570.00359	-70.43788	1210.4451
## 59	53.12	438	548.14969	-99.80003	1196.0994
## 60	53.26	438	526.29579	-129.53522	1182.1268
## 61	53.40	438	504.44189	-159.63017	1168.5140
## 62	53.54	438	482.58800	-190.07165	1155.2476
## 63	53.68	438	460.73410	-220.84657	1142.3148
## 64	53.82	438	438.88020	-251.94201	1129.7024
## 65	53.96	438	417.02630	-283.34528	1117.3979
## 66	54.10	438	395.17240	-315.04397	1105.3888
## 67	54.24	438	373.31851	-347.02596	1093.6630
## 68	54.38	438	351.46461	-379.27947	1082.2087
## 69	54.52	438	329.61071	-411.79308	1071.0145
## 70	54.66	438	307.75681	-444.55573	1060.0694
## 71	54.80	438	285.90291	-477.55675	1049.3626
## 72	54.94	438	264.04902	-510.78584	1038.8839
## 73	55.08	438	242.19512	-544.23312	1028.6234
## 74	55.22	438	220.34122	-577.88907	1018.5715
## 75	55.36	438	198.48732	-611.74458	1008.7192
## 76	55.50	438	176.63342	-645.79091	999.0578
## 77	55.64	438	154.77953	-680.01969	989.5787
## 78	55.78	438	132.92563	-714.42294	980.2742

```

## 79      55.92 438  111.07173  -748.99302  971.1365
## 80      56.06 438   89.21783  -783.72264  962.1583
## 81      56.20 438   67.36393  -818.60484  953.3327
## 82      56.34 438   45.51004  -853.63299  944.6531
## 83      56.48 438   23.65614  -888.80077  936.1130
## 84      56.62 438    1.80224  -924.10215  927.7066
## 85      56.76 438  -20.05166  -959.53139  919.4281
## 86      56.90 438  -41.90556  -995.08305  911.2719
## 87      57.04 438  -63.75945 -1030.75190  903.2330
## 88      57.18 438  -85.61335 -1066.53301  895.3063
## 89      57.32 438 -107.46725 -1102.42165  887.4871
## 90      57.46 438 -129.32115 -1138.41334  879.7710
## 91      57.60 438 -151.17505 -1174.50381  872.1537
## 92      57.74 438 -173.02894 -1210.68899  864.6311
## 93      57.88 438 -194.88284 -1246.96501  857.1993
## 94      58.02 438 -216.73674 -1283.32820  849.8547
## 95      58.16 438 -238.59064 -1319.77503  842.5938
## 96      58.30 438 -260.44454 -1356.30217  835.4131
## 97      58.44 438 -282.29843 -1392.90643  828.3096
## 98      58.58 438 -304.15233 -1429.58478  821.2801
## 99      58.72 438 -326.00623 -1466.33434  814.3219
## 100     58.86 438 -347.86013 -1503.15234  807.4321
## 101     59.00 438 -369.71403 -1540.03616  800.6081
##
## $res
##      Latitude      x visregRes visregPos
## 1          45 438      1470      FALSE
## 2          46 438      2262       TRUE
## 3          47 438      3076       TRUE
## 4          48 438      1198      FALSE
## 5          49 438       695      FALSE
## 6          50 438       181      FALSE
## 7          51 438        16      FALSE
## 8          55 438         8      FALSE
## 9          58 438       109       TRUE
## 10         59 438        88       TRUE
##
## $meta
## $meta$x
## [1] "Latitude"
##
## $meta$y
## [1] "x"
##
## $meta$hasInteraction
## [1] FALSE
##
## $meta$yName
## [1] "x"
##
## $meta$trans
## function (x)
## {
##     class(x) <- unique.default(c("AsIs", oldClass(x)))

```

```
##      x
## }
## <bytecode: 0x00000235b3119208>
## <environment: namespace:base>
##
## $meta$class
## [1] "lm"
##
##
## attr("class")
## [1] "visreg"
```