

# Ordinations PCA

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## R Markdown

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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:

```
##                               TPLName                Region      Macroregion
## Brachyscome rigidula      : 288  Australian Alps:3078  America  :1040
## Xerochrysum subundulatum: 194  Qinghai-Tibet  :2225  Asia      :2225
## Aciphylla simplicifolia  : 140  Alps           :1853  Australia:3078
## Wahlenbergia gloriosa    : 136  Andes           :1040  Europe    :2940
## Poa hiemata               : 133  Cantabrian Mts : 792  NA's      : 510
## Wahlenbergia ceracea     : 132  Enscombe       : 510
## (Other)                   :8770  (Other)        : 295
## Longitude.x              Latitude.x              Treeline
## Min.      :-70.900      Min.      :-38.652  Min.      :1500
## 1st Qu.:   6.866      1st Qu.: -36.456  1st Qu.: 1750
## Median : 102.000      Median :  35.850  Median : 1880
## Mean      :  68.432      Mean      :  7.006  Mean      :2448
## 3rd Qu.: 148.264      3rd Qu.:  43.020  3rd Qu.: 2600
## Max.      :148.264      Max.      :  47.547  Max.      :4250
## NA's      :  510      NA's      :  510  NA's      :  510
##                               Taxon                               Source
## Brachyscome rigidula      : 288  Bu                               :1760
## Xerochrysum subundulatum: 194  Sommerville                     :1395
## Aciphylla simplicifolia  : 140  Rosbakh                         :1234
## Poa hiemata               : 133  Venn                            :1051
## Podolepis robusta         : 130  Cavieres                        : 804
## Veronica perfoliata       : 130  Fernández-Pascual Plant Biol: 792
## (Other)                   :8778  (Other)                         :2757
## Year                      Country
## Mode:logical  Australia:3078
## NA's:9793     China      :2225
##              Chile      :1040
##              Italy      :1000
##              Germany    : 972
##              Spain      : 803
##              (Other)    : 675
##                               Accession      Latitude.y
## Australia Kosciusko National Park NA NA      :1395  35      :2225
## China NA 35 102              : 465   -33.352035: 390
```

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## Chile Chile -33.352035 -70.315812      : 390  46      : 376
## Italy Val Viola Dosde and Passo dello Stelvi 46 10: 376  43.27      : 263
## Russia NA 43.27 41.41      : 263  -33.334693: 234
## Chile Chile -33.334693 -70.28544      : 213  (Other) :2132
## (Other)      :6691  NA's      :4173
## Longitude.y      Elevation      Dish      Scarification GA3
## Min.      :-70.32  2200-2500: 390  1      :1220  N:9674      N:9142
## 1st Qu.: 12.82  2750      : 379  3      : 937  Y: 119      Y: 651
## Median : 71.70  2800      : 309  2      : 832
## Mean      : 46.73  1310      : 260  d2      : 412
## 3rd Qu.:102.00  2600-3100: 234  d3      : 412
## Max.      :150.06  (Other) :6140  (Other):5005
## NA's      :4965  NA's      :2081  NA's      : 975
## Stratification Stratification_temperature Stratification_days Light
## Cold:2436      4      : 982      0      :6583      N: 866
## None:7291      2.5      : 810      90      : 604      Y:8927
## Warm: 66      0      : 298      42      : 318
##      3      : 264      4      : 300
##      5      : 76      8      : 300
##      (Other): 72      (Other): 980
##      NA's      :7291      NA's      : 708
## Photoperiod      Alternating      Tdif      Tmax      Tmin
## Min.      : 0.00  N:2278      Min.      : 0.000  Min.      : 0.00  Min.      : 0.00
## 1st Qu.:12.00  Y:7515      1st Qu.: 2.000  1st Qu.:15.00  1st Qu.: 5.00
## Median :12.00      Median :10.000  Median :20.00  Median :10.00
## Mean      :10.75      Mean      : 8.183  Mean      :18.94  Mean      :10.76
## 3rd Qu.:12.00      3rd Qu.:11.000  3rd Qu.:25.00  3rd Qu.:15.00
## Max.      :14.00      Max.      :20.000  Max.      :36.00  Max.      :36.00
## NA's      :510      NA's      :510  NA's      :510  NA's      :510
## Tmean      Temperature      Length.experiment      Sown
## Min.      : 0.00  15C      :2943  Mode:logical  Min.      : 3.0
## 1st Qu.:12.50  10C      :2748  NA's:9793      1st Qu.: 20.0
## Median :15.00  20C      :1934      Median : 25.0
## Mean      :15.17  5C      :1066      Mean      : 39.2
## 3rd Qu.:20.00  25C      : 937      3rd Qu.: 50.0
## Max.      :36.00  0C      : 97      Max.      :2611.0
##      (Other): 68
## Germinated      Germinable      GRS      GRP
## Min.      : 0.0  Min.      : 1.00  Min.      : 0.00  Min.      : 0.00
## 1st Qu.: 2.0  1st Qu.: 20.00  1st Qu.: 1.00  1st Qu.: 5.00
## Median : 12.0  Median : 25.00  Median :11.00  Median : 44.00
## Mean      : 17.8  Mean      : 37.32  Mean      :14.63  Mean      : 47.01
## 3rd Qu.: 20.0  3rd Qu.: 50.00  3rd Qu.:22.00  3rd Qu.: 86.67
## Max.      :1055.0  Max.      :1335.00  Max.      :58.00  Max.      :116.00
##      NA's      :4773  NA's      :4785
## MGT      MGR      GSP      UNC
## Min.      : 0.000  Min.      :0.000  Min.      : 0.000  Min.      :0.000
## 1st Qu.: 8.294  1st Qu.:0.052  1st Qu.: 5.172  1st Qu.:0.000
## Median :12.714  Median :0.077  Median : 7.692  Median :1.000
## Mean      :14.323  Mean      :0.095  Mean      : 9.265  Mean      :1.155
## 3rd Qu.:18.667  3rd Qu.:0.117  3rd Qu.:11.636  3rd Qu.:1.918
## Max.      :63.000  Max.      :3.000  Max.      :52.778  Max.      :4.156
## NA's      :5684  NA's      :5684  NA's      :5684  NA's      :4441
## SYN      VGT      SDG      CVG

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## Min. :0.000 Min. : 0.000 Min. : 0.000 Min. : 0.00
## 1st Qu.:0.133 1st Qu.: 0.137 1st Qu.: 0.371 1st Qu.:38.93
## Median :0.301 Median : 32.221 Median : 5.883 Median :76.72
## Mean :0.359 Mean : Inf Mean : Inf Mean : Inf
## 3rd Qu.:0.506 3rd Qu.:145.134 3rd Qu.:12.155 3rd Qu.:88.01
## Max. :4.000 Max. : Inf Max. : Inf Max. : Inf
## NA's :5974 NA's :4546 NA's :4546 NA's :5827
## Alpine Plant.category ...4 Life.form
## Generalist:6031 Grass :1986 Cyperoid : 537 H :6185
## Strict :3762 Herb :6986 Graminoid:1189 CH :1647
## Herb, Woody : 4 Juncoide : 260 G : 548
## Woody : 778 Liana : 9 NP : 490
## Woody, Subshrub?: 39 NA's :7798 T : 434
## T, H : 245
## (Other): 244
## Lifespan Reproduction.frequency
## annual : 434 monocarp : 674
## annual, biennial : 171 monocarp, ?polycarp: 6
## annual, perennial : 200 monocarp, polycarp : 256
## biennial : 37 polycarp :8857
## biennial, perennial: 13
## perennial :8938
## ...8 Seed.mass Dormancy Embryo
## Bis hier : 5 Min. : 0.0184 MD : 15 Min. :0.0010
## Oreomyrhhis eriopoda: 6 1st Qu.: 0.2630 MPD : 474 1st Qu.:0.1200
## Oreomyrhhis ciliata : 117 Median : 0.5585 ND : 197 Median :0.3400
## Scleranthus biflorus: 6 Mean : 1.4658 PD :2559 Mean :0.4958
## NA's :9659 3rd Qu.: 1.3700 PY : 202 3rd Qu.:1.0000
## Max. :58.0196 NA's:6346 Max. :1.0000
##

```















