

Reportes

Proyecto: Sangre total – FVL-2019/20

Statistics analysis: V.1.0 Date: 16-01-2020

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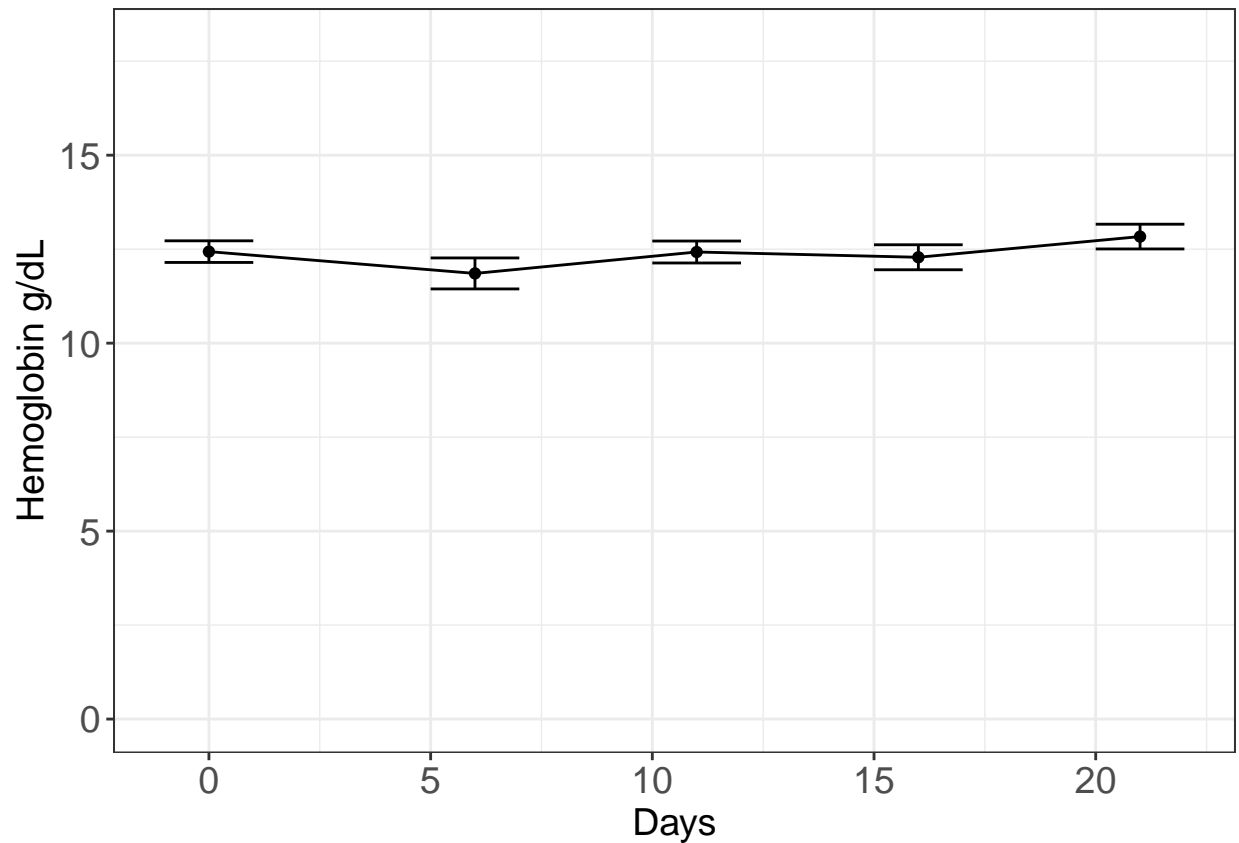
Hemoglobina

Description

```
## # A tibble: 5 x 10
##   time mean median   IQR    sd    es   var   min   max shapiro
##   <dbl> <dbl>  <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>
## 1     0  12.4   12.0    2    1.29 0.290   1.66  10.6   15    0.19
## 2     6  11.9    12    1.68  1.84 0.41    3.4    7.8  14.6    0.13
## 3    11  12.4    12    2.05  1.31 0.290   1.71  10.5   15    0.15
## 4    16  12.3   11.8    2.3   1.49 0.33    2.21   9.8  14.9    0.33
## 5    21  12.8   12.4    2.22  1.47 0.33    2.17  10.5  15.4    0.3
```

Prueba de ANOVA

```
## $anova
## Analysis of Variance Table
##
## Response: values
##           Df Sum Sq Mean Sq F value Pr(>F)
## factor(ind)  4   9.918   2.4794   1.1131  0.355
## Residuals   95 211.603   2.2274
##
## $tunkey
## [1] NA
##
## $Kruskal_bonfe
## [1] NA
```



Hematocrito

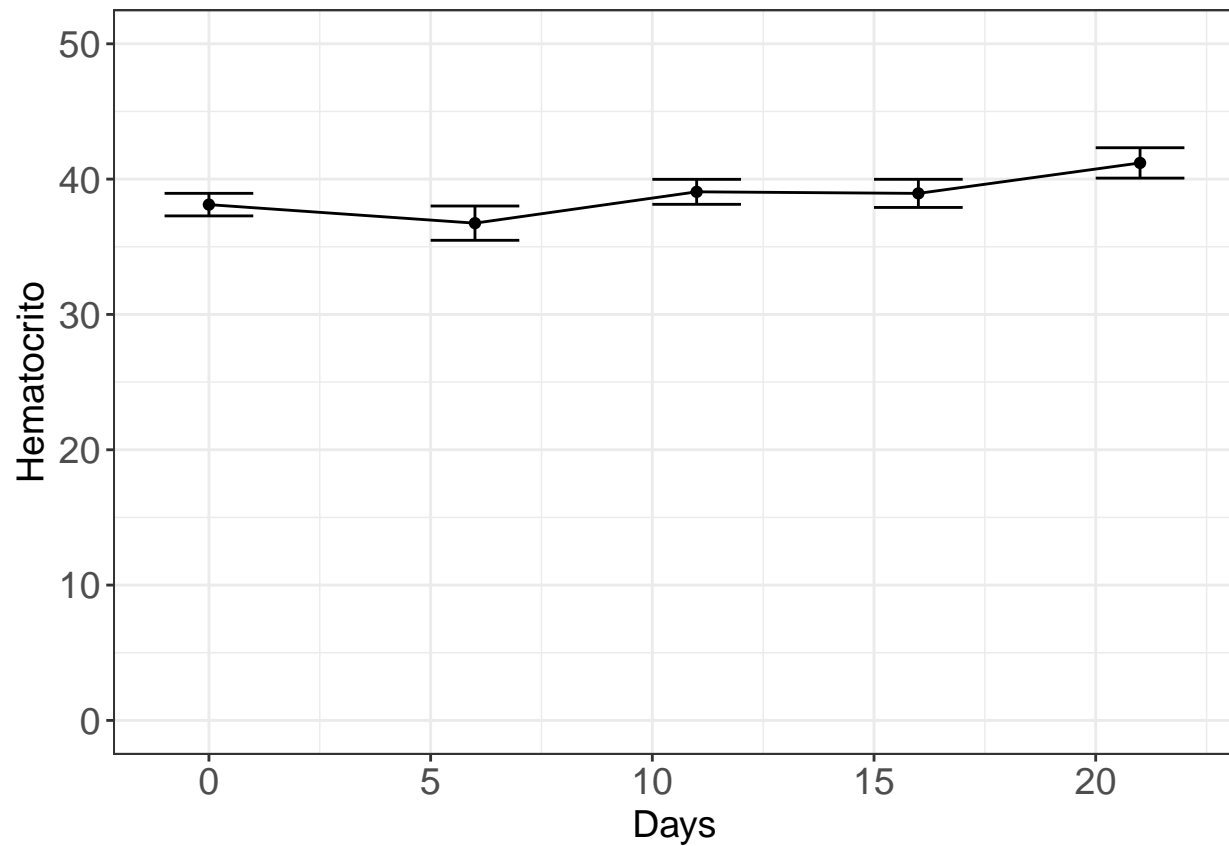
Description

```
## # A tibble: 5 x 10
##   time mean median   IQR   sd   es   var   min   max shapiro
##   <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>
## 1     0  38.1   37    5.73  3.73  0.83  13.9   32    45.2   0.15
## 2     6  36.7  36.4    6.1   5.67  1.27  32.1  24.8  44.9   0.16
## 3    11  39.1  37.8    6.23  4.13  0.92  17.1  31.4  46.8   0.13
## 4    16  39.0  38.1    7.38  4.65  1.04  21.6  32.3  46.6   0.19
## 5    21  41.2  39.6    7.3   5.02  1.12  25.2  33.1  51.6   0.45
```

Prueba de ANOVA

```
## $anova
## Analysis of Variance Table
##
## Response: values
##           Df Sum Sq Mean Sq F value Pr(>F)
## factor(ind)  4  210.32  52.581   2.3926 0.05598 .
## Residuals    95 2087.74   21.976
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
##
## $tunkey
## [1] NA
##
## $Kruskal_bonfe
## [1] NA
```



Plaquetas

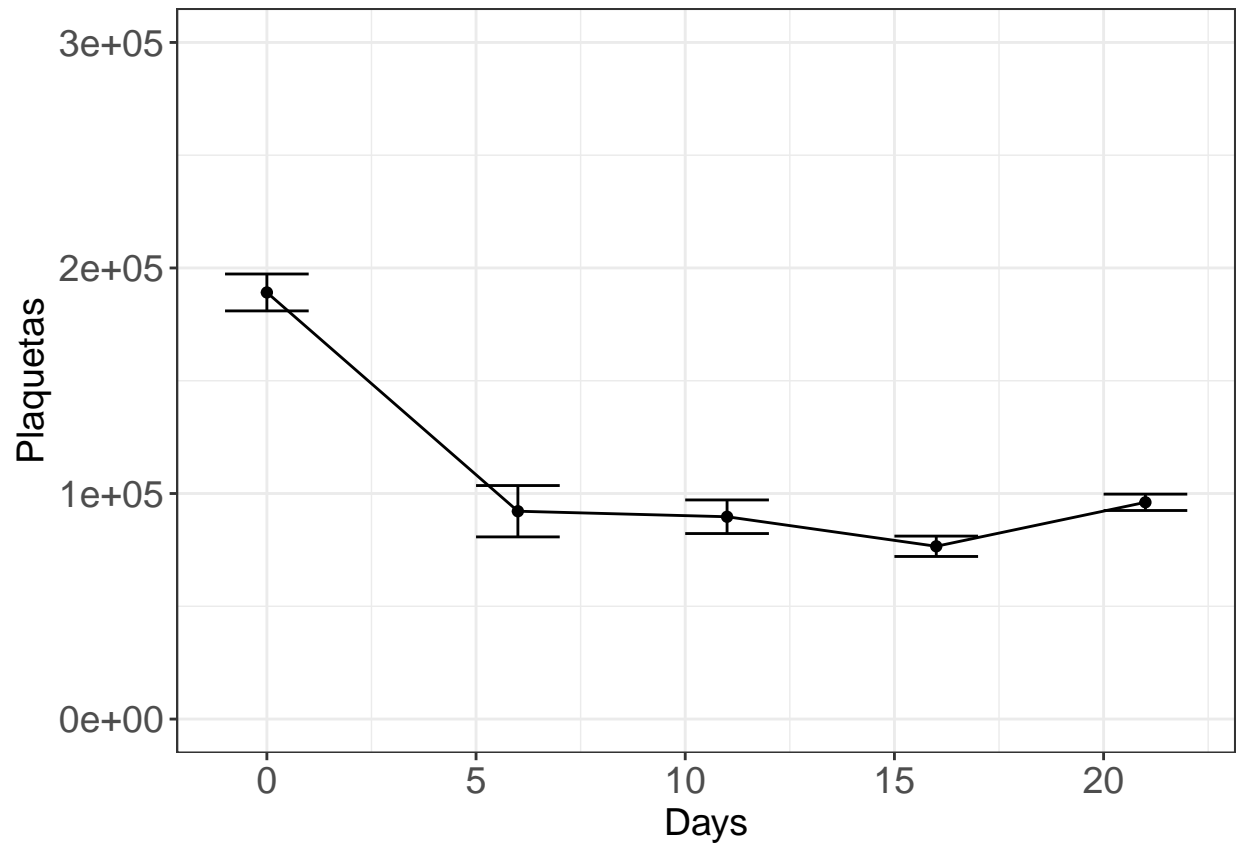
Description

```
## # A tibble: 5 x 10
##   time  mean median   IQR    sd    es      var   min   max shapiro
##   <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>
## 1     0 189150 187000 48250 36582. 8180. 1338239474. 130000 264000 0.82
## 2     6  92150  82000 79000 50913. 11384. 2592134211.  21000 204000 0.37
## 3    11  89700  79000 38500 33309.  7448. 1109484211.  40000 181000 0.08
## 4    16  76600  71000 16750 20197.  4516.  407936842.  52000 134000 0.02
## 5    21  96100  95000 15250 16251.  3634.  264094737.  64000 143000 0.05
```

Prueba de ANOVA

```
## $anova
```

```
## Analysis of Variance Table
##
## Response: values
##          Df      Sum Sq   Mean Sq F value    Pr(>F)
## factor(ind)  4 1.6593e+11 4.1481e+10  36.311 < 2.2e-16 ***
## Residuals   95 1.0853e+11 1.1424e+09
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## $tunkey
##   Tukey multiple comparisons of means
##     95% family-wise confidence level
##
## Fit: aov(formula = model)
##
## $`factor(ind)`
##          diff      lwr      upr    p adj
## Plt 6-Plt 0   -97000 -126722.46 -67277.54 0.0000000
## Plt 11-Plt 0  -99450 -129172.46 -69727.54 0.0000000
## Plt 16-Plt 0 -112550 -142272.46 -82827.54 0.0000000
## Plt 21-Plt 0  -93050 -122772.46 -63327.54 0.0000000
## Plt 11-Plt 6   -2450  -32172.46  27272.46 0.9993774
## Plt 16-Plt 6  -15550  -45272.46  14172.46 0.5940630
## Plt 21-Plt 6    3950  -25772.46  33672.46 0.9959605
## Plt 16-Plt 11 -13100  -42822.46  16622.46 0.7364939
## Plt 21-Plt 11   6400  -23322.46  36122.46 0.9749510
## Plt 21-Plt 16   19500 -10222.46  49222.46 0.3657755
##
##
## $Kruskal_bonfe
## # A tibble: 10 x 9
##   .y.   group1 group2    n1    n2 statistic      p      p.adj p.adj.signif
##   * <chr> <chr> <chr> <int> <int>    <dbl>    <dbl>    <dbl> <chr>
## 1 values Plt 0 Plt 6      20     20     -5.07  4.05e- 7    4.05e-6 ****
## 2 values Plt 0 Plt 11     20     20     -5.19  2.14e- 7    2.14e-6 ****
## 3 values Plt 0 Plt 16     20     20     -6.34  2.31e-10    2.31e-9 ****
## 4 values Plt 0 Plt 21     20     20     -4.04  5.36e- 5    5.36e-4 ***
## 5 values Plt 6 Plt 11     20     20     -0.120 9.05e- 1    1.00e+0 ns
## 6 values Plt 6 Plt 16     20     20     -1.27  2.03e- 1    1.00e+0 ns
## 7 values Plt 6 Plt 21     20     20      1.03  3.04e- 1    1.00e+0 ns
## 8 values Plt 11 Plt 16     20     20     -1.15  2.49e- 1    1.00e+0 ns
## 9 values Plt 11 Plt 21     20     20      1.15  2.51e- 1    1.00e+0 ns
## 10 values Plt 16 Plt 21     20     20      2.30  2.14e- 2    2.14e-1 ns
```



Fibrinogeno

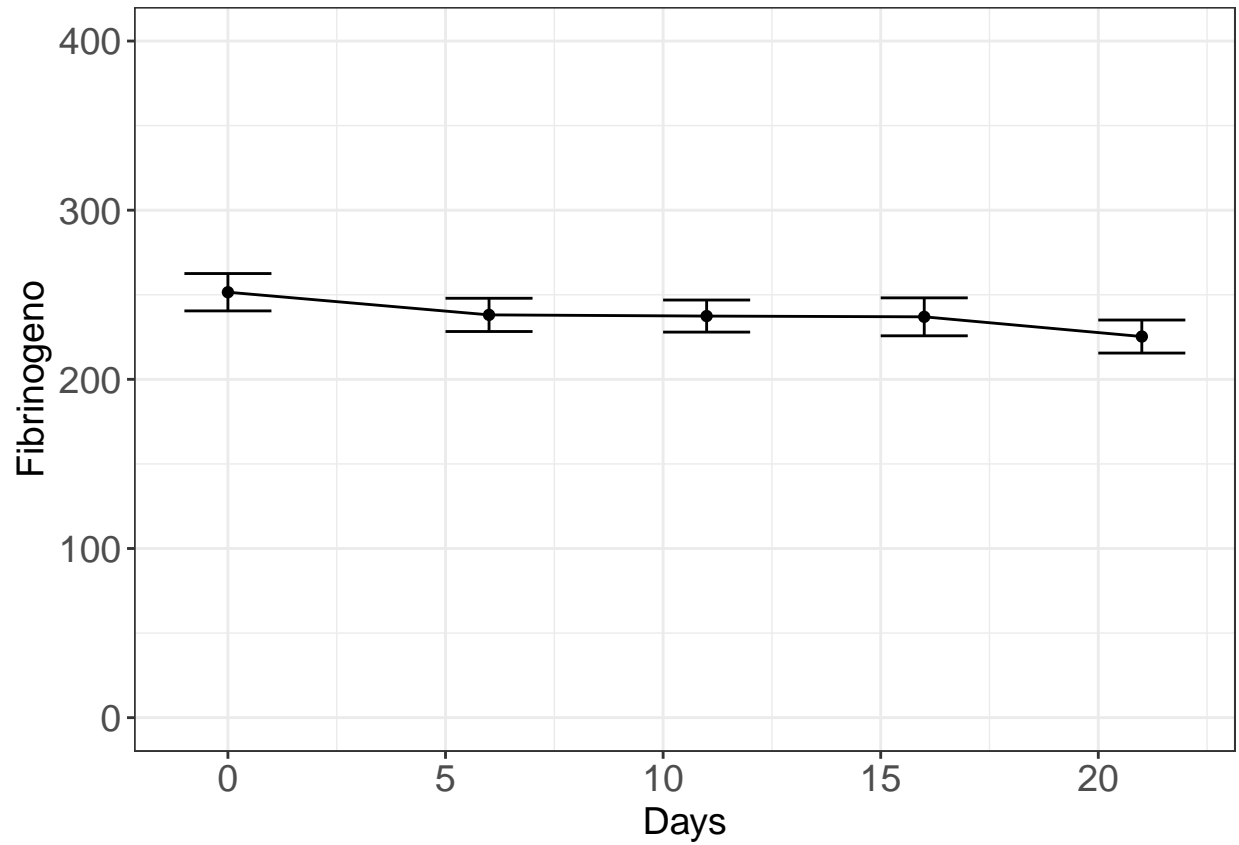
Description

```
## # A tibble: 5 x 10
##   time mean median   IQR    sd    es   var   min   max shapiro
##   <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>
## 1     0  252.   249   50.8  49.4  11.0 2440.   161   368    0.63
## 2     6  238.   232.   43.5  44.0   9.83 1934.   194   378     0
## 3    11  237.   230   42.8  42.4   9.48 1799.   194   339    0.01
## 4    16  237.   229   51.8  50.2  11.2 2516.   184   381    0.01
## 5    21  225.   217   37.2  43.7   9.77 1909.   178   360     0
```

Prueba de ANOVA

```
## $anova
## Analysis of Variance Table
##
## Response: values
##              Df Sum Sq Mean Sq F value Pr(>F)
## factor(ind)   4   6898  1724.5    0.8136 0.5196
## Residuals    95 201365   2119.6
##
## $tunkey
```

```
## [1] NA
##
## $Kruskal_bonfe
## [1] NA
```



Factor II

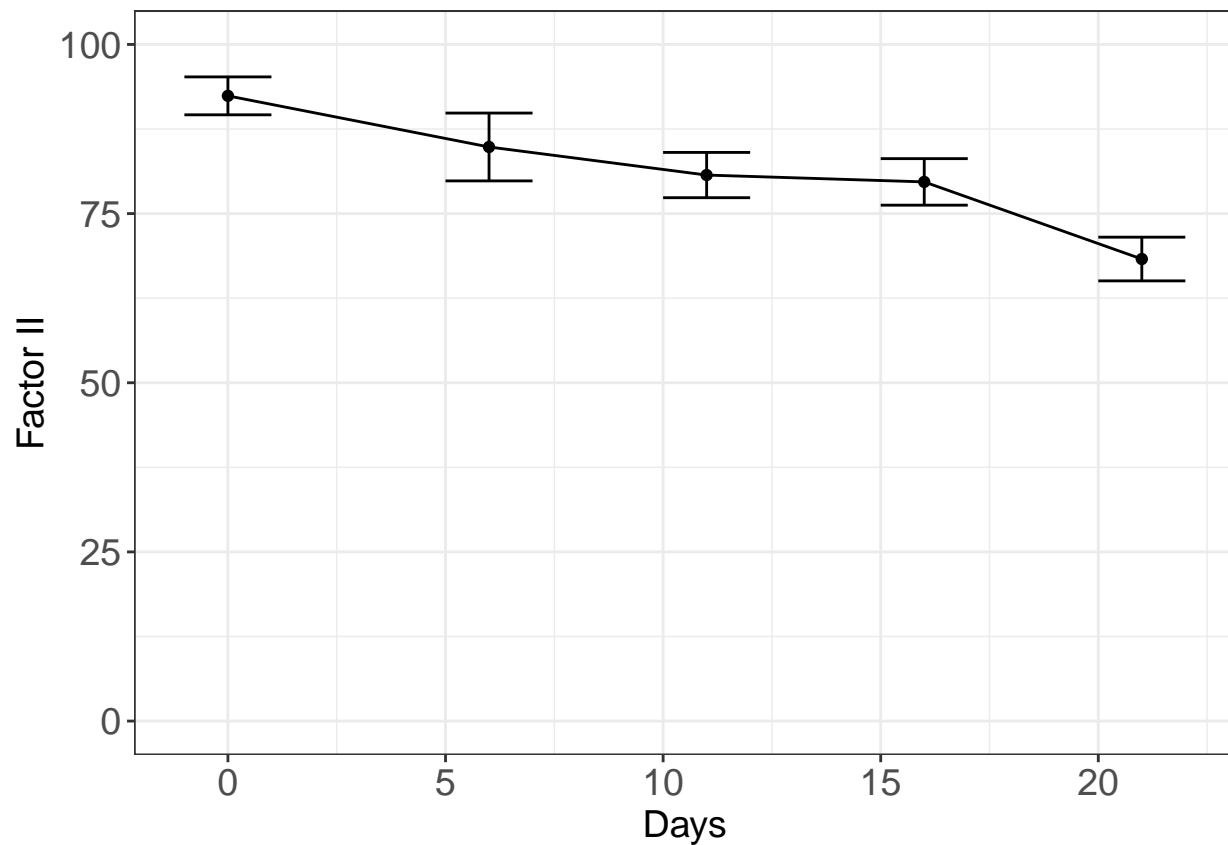
Description

```
## # A tibble: 5 x 10
##   time mean median IQR  sd  es  var  min  max shapiro
##   <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>
## 1     0  92.4  90.5  15.6  12.5  2.8  157.  71.8  120  0.73
## 2     6  84.8  79.3  13.4  22.4  5.01  502.  64.6  170.  0
## 3    11  80.7  76.4  23.2  15.0  3.35  224.  62.3  120  0.05
## 4    16  79.7  75.2  18.0  15.4  3.44  237.  60.5  123.  0.02
## 5    21  68.3  61.1  19.8  14.4  3.23  209.  53.1  106.  0
```

Prueba de ANOVA

```
## $anova
## Analysis of Variance Table
##
```

```
## Response: values
##           Df Sum Sq Mean Sq F value    Pr(>F)
## factor(ind)  4  6161.4  1540.36   5.7983 0.0003217 ***
## Residuals    95 25237.4   265.66
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## $tunkey
##   Tukey multiple comparisons of means
##     95% family-wise confidence level
##
## Fit: aov(formula = model)
##
## $`factor(ind)`
##           diff      lwr      upr      p adj
## FII 6-FII 0   -7.555 -21.8881  6.778098 0.5870438
## FII 11-FII 0  -11.705 -26.0381  2.628098 0.1634958
## FII 16-FII 0  -12.715 -27.0481  1.618098 0.1070188
## FII 21-FII 0  -24.115 -38.4481 -9.781902 0.0000921
## FII 11-FII 6   -4.150 -18.4831 10.183098 0.9284329
## FII 16-FII 6   -5.160 -19.4931  9.173098 0.8542330
## FII 21-FII 6  -16.560 -30.8931 -2.226902 0.0150937
## FII 16-FII 11  -1.010 -15.3431 13.323098 0.9996652
## FII 21-FII 11 -12.410 -26.7431  1.923098 0.1221534
## FII 21-FII 16 -11.400 -25.7331  2.933098 0.1843059
##
##
## $Kruskal_bonfe
## # A tibble: 10 x 9
##   .y. group1 group2  n1  n2 statistic      p      p.adj p.adj.signif
##   * <chr> <chr> <chr> <int> <int>      <dbl>    <dbl>    <dbl> <chr>
## 1 values FII 0 FII 6     20   20    -2.01  0.0439    4.39e-1 ns
## 2 values FII 0 FII 11    20   20    -2.51  0.0122    1.22e-1 ns
## 3 values FII 0 FII 16    20   20    -2.76  0.00570    5.70e-2 ns
## 4 values FII 0 FII 21    20   20    -5.12  0.000000306 3.06e-6 ****
## 5 values FII 6 FII 11    20   20    -0.491 0.624    1.00e+0 ns
## 6 values FII 6 FII 16    20   20    -0.750 0.453    1.00e+0 ns
## 7 values FII 6 FII 21    20   20    -3.11  0.00190    1.90e-2 *
## 8 values FII 11 FII 16    20   20    -0.259 0.796    1.00e+0 ns
## 9 values FII 11 FII 21    20   20    -2.61  0.00894    8.94e-2 ns
## 10 values FII 16 FII 21    20   20    -2.36  0.0185    1.85e-1 ns
```



Factor V

Description

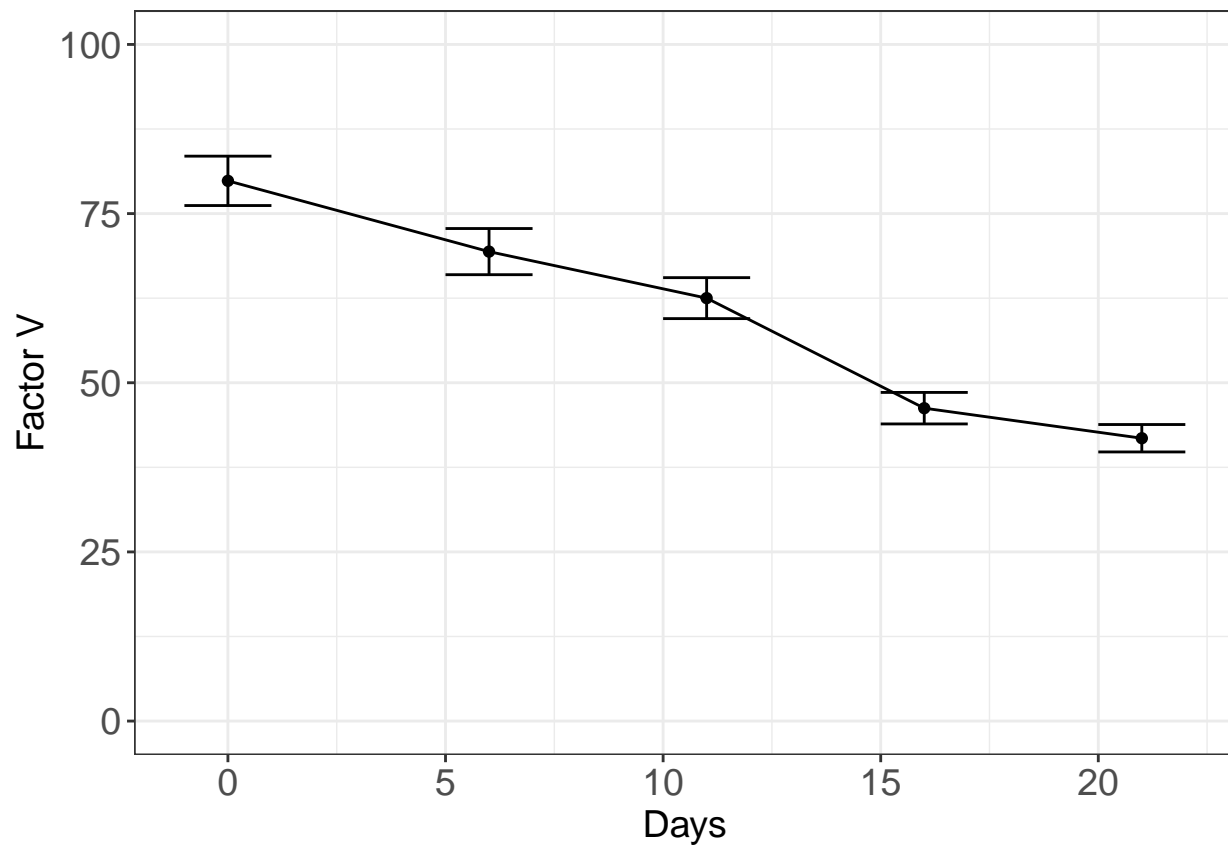
```
## # A tibble: 5 x 10
##   time mean median   IQR   sd   es   var   min   max shapiro
##   <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>
## 1     0  79.8  83.7  23.7 16.3  3.65 267.  49.1 110    0.69
## 2     6  69.4  70.6  22.0 15.2  3.41 233.  45.3 99.8    0.84
## 3    11  62.5  65.4  19.8 13.5  3.03 183.  35.8 82.7    0.56
## 4    16  46.2  42.7  15.7 10.4  2.33 108.  26.1 63.3    0.43
## 5    21  41.8  41.0  12.6  9.06  2.03  82.1  23.3 58.2    0.91
```

Prueba de ANOVA

```
## $anova
## Analysis of Variance Table
##
## Response: values
##              Df Sum Sq Mean Sq F value    Pr(>F)
## factor(ind)   4  20169  5042.3   28.875 1.046e-15 ***
## Residuals    95  16589   174.6
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```



```
##
## $tunkey
## Tukey multiple comparisons of means
## 95% family-wise confidence level
##
## Fit: aov(formula = model)
##
## $`factor(ind)`
##      diff      lwr      upr      p adj
## FV 6-FV 0  -10.460 -22.08065   1.160651 0.0985256
## FV 11-FV 0  -17.335 -28.95565  -5.714349 0.0006833
## FV 16-FV 0  -33.600 -45.22065 -21.979349 0.0000000
## FV 21-FV 0  -38.040 -49.66065 -26.419349 0.0000000
## FV 11-FV 6   -6.875 -18.49565   4.745651 0.4726885
## FV 16-FV 6  -23.140 -34.76065 -11.519349 0.0000027
## FV 21-FV 6  -27.580 -39.20065 -15.959349 0.0000000
## FV 16-FV 11 -16.265 -27.88565  -4.644349 0.0016936
## FV 21-FV 11 -20.705 -32.32565  -9.084349 0.0000306
## FV 21-FV 16  -4.440 -16.06065   7.180651 0.8251321
##
##
## $Kruskal_bonfe
## # A tibble: 10 x 9
##   .y. group1 group2  n1  n2 statistic      p      p.adj p.adj.signif
## * <chr> <chr> <chr> <int> <int>      <dbl>    <dbl>    <dbl> <chr>
## 1 values FV 0   FV 6     20   20    -1.40  1.63e- 1    1.00e+0 ns
## 2 values FV 0   FV 11    20   20    -2.48  1.30e- 2    1.30e-1 ns
## 3 values FV 0   FV 16    20   20    -5.36  8.26e- 8    8.26e-7 ****
## 4 values FV 0   FV 21    20   20    -6.19  6.12e-10    6.12e-9 ****
## 5 values FV 6   FV 11    20   20    -1.09  2.77e- 1    1.00e+0 ns
## 6 values FV 6   FV 16    20   20    -3.97  7.31e- 5    7.31e-4 ***
## 7 values FV 6   FV 21    20   20    -4.79  1.65e- 6    1.65e-5 ****
## 8 values FV 11  FV 16    20   20    -2.88  4.00e- 3    4.00e-2 *
## 9 values FV 11  FV 21    20   20    -3.70  2.12e- 4    2.12e-3 **
## 10 values FV 16 FV 21    20   20    -0.826 4.09e- 1    1.00e+0 ns
```



Factor VII

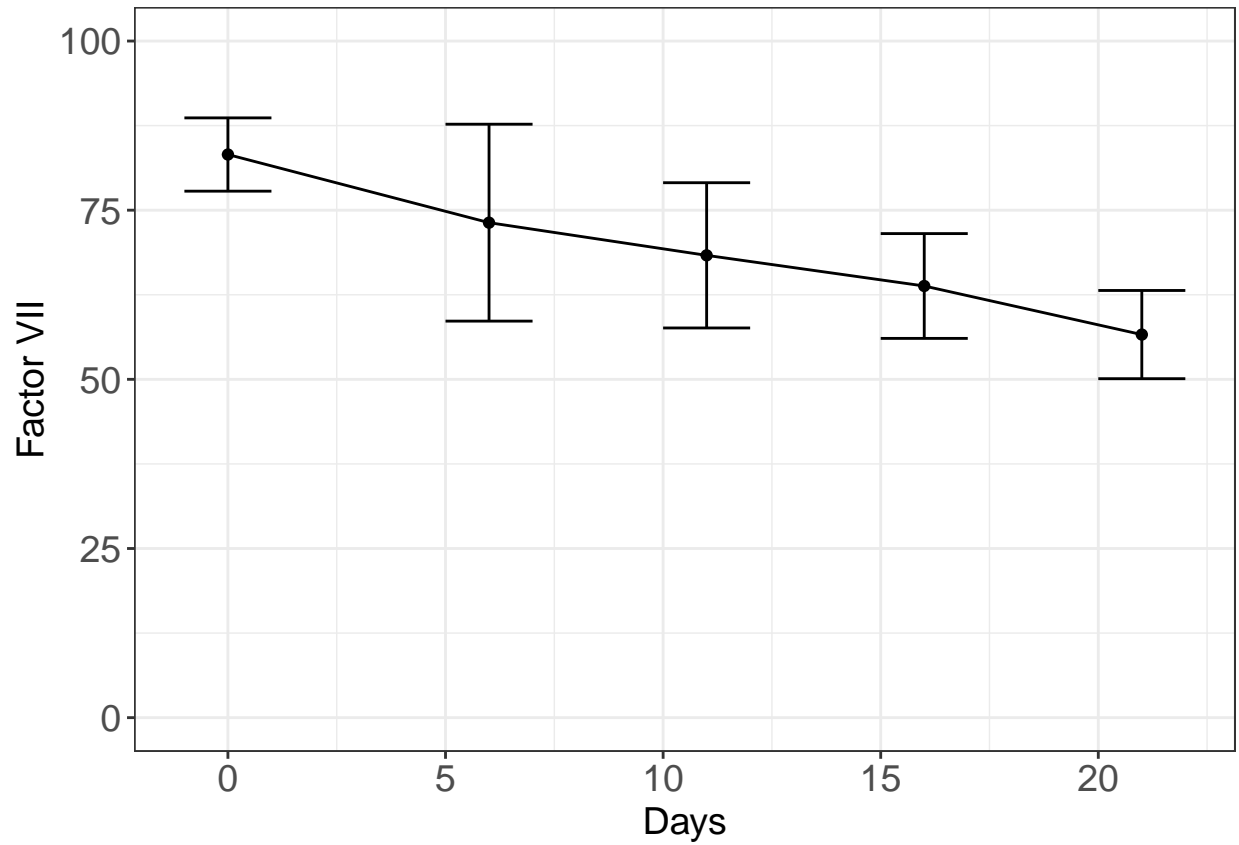
Description

```
## # A tibble: 5 x 10
##   time mean median   IQR   sd   es   var   min   max shapiro
##   <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>
## 1     0  83.2  80.4  22.5  24.2  5.41  586.  25.5  145   0.41
## 2     6  73.2  58.0  20.4  65.1 14.6 4235.  40.1  344.    0
## 3    11  68.3  58.7  15.1  48   10.7 2304.  37.8  266.    0
## 4    16  63.8  54.6  14.7  34.6  7.74 1200.  39.4  201.    0
## 5    21  56.6  51.6   18   29.2  6.52  850.  34.1  171.    0
```

Prueba de ANOVA

```
## $anova
## Analysis of Variance Table
##
## Response: values
##           Df Sum Sq Mean Sq F value Pr(>F)
## factor(ind)  4   8011  2002.7   1.0915 0.3653
## Residuals    95 174304   1834.8
##
## $tunkey
```

```
## [1] NA
##
## $Kruskal_bonfe
## [1] NA
```



Factor VIII

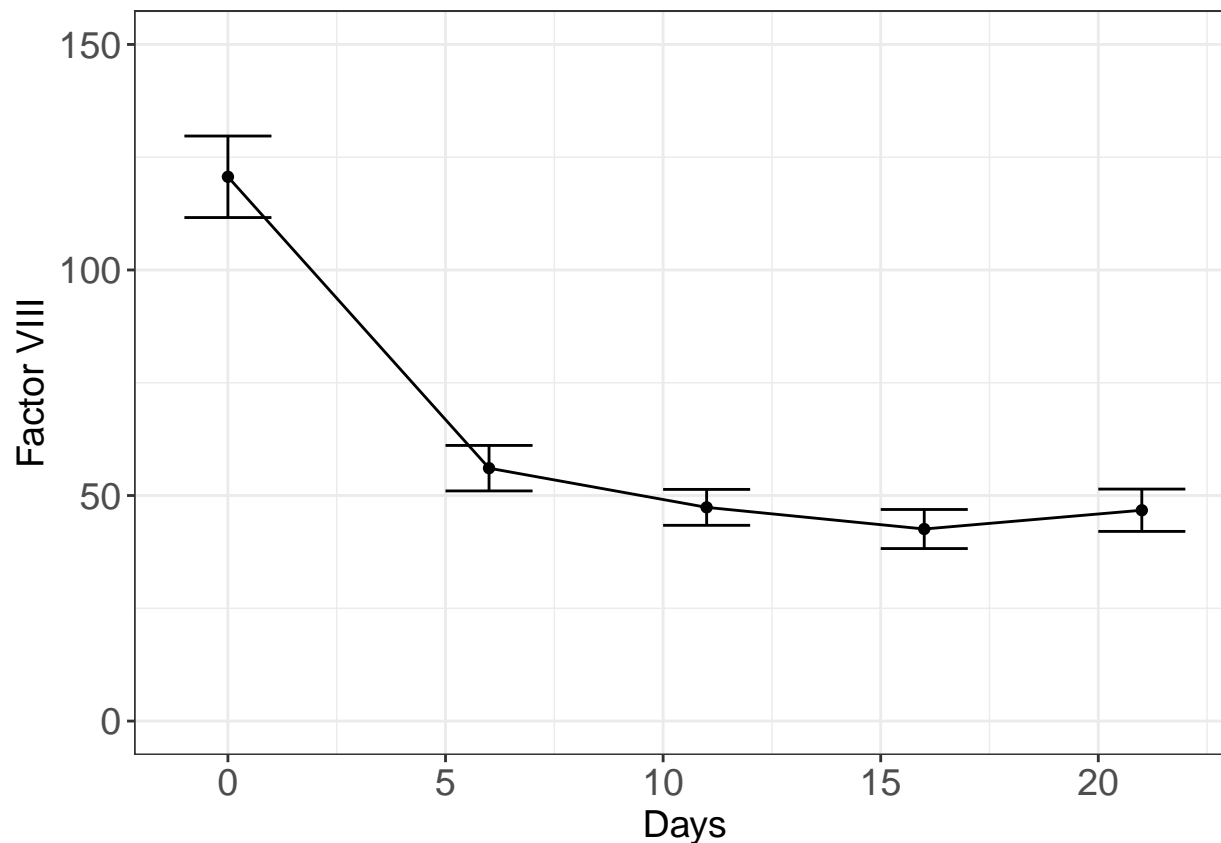
Description

```
## # A tibble: 5 x 10
##   time mean median IQR  sd  es  var  min  max shapiro
##   <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>
## 1     0  83.2  80.4  22.5  24.2  5.41  586.  25.5  145  0.41
## 2     6  73.2  58.0  20.4  65.1  14.6  4235.  40.1  344.  0
## 3    11  68.3  58.7  15.1  48  10.7  2304.  37.8  266.  0
## 4    16  63.8  54.6  14.7  34.6  7.74  1200.  39.4  201.  0
## 5    21  56.6  51.6  18  29.2  6.52  850.  34.1  171.  0
```

Prueba de ANOVA

```
## $anova
## Analysis of Variance Table
##
```

```
## Response: values
##           Df Sum Sq Mean Sq F value    Pr(>F)
## factor(ind)  4 85964 21491.0  32.831 < 2.2e-16 ***
## Residuals   95  62187   654.6
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## $tunkey
##   Tukey multiple comparisons of means
##     95% family-wise confidence level
##
## Fit: aov(formula = model)
##
## $`factor(ind)`
##           diff          lwr          upr          p adj
## FVIII 6-FVIII 0   -64.600   -87.0992 -42.100797 0.0000000
## FVIII 11-FVIII 0  -73.285   -95.7842 -50.785797 0.0000000
## FVIII 16-FVIII 0  -78.085  -100.5842 -55.585797 0.0000000
## FVIII 21-FVIII 0  -73.925   -96.4242 -51.425797 0.0000000
## FVIII 11-FVIII 6   -8.685   -31.1842  13.814203 0.8196760
## FVIII 16-FVIII 6  -13.485   -35.9842   9.014203 0.4593242
## FVIII 21-FVIII 6   -9.325   -31.8242  13.174203 0.7780290
## FVIII 16-FVIII 11  -4.800   -27.2992  17.699203 0.9757868
## FVIII 21-FVIII 11  -0.640   -23.1392  21.859203 0.9999910
## FVIII 21-FVIII 16   4.160   -18.3392  26.659203 0.9857614
##
##
## $Kruskal_bonfe
## # A tibble: 10 x 9
##   .y. group1 group2    n1    n2 statistic      p      p.adj p.adj.signif
##   * <chr> <chr> <chr> <int> <int>    <dbl>    <dbl>    <dbl> <chr>
## 1 values FVIII 0 FVIII 6     20     20    -4.09    4.36e-5    4.36e-4 ***
## 2 values FVIII 0 FVIII ~     20     20    -5.11    3.23e-7    3.23e-6 ****
## 3 values FVIII 0 FVIII ~     20     20    -5.87    4.36e-9    4.36e-8 ****
## 4 values FVIII 0 FVIII ~     20     20    -5.19    2.06e-7    2.06e-6 ****
## 5 values FVIII 6 FVIII ~     20     20    -1.02    3.07e-1    1.00e+0 ns
## 6 values FVIII 6 FVIII ~     20     20    -1.78    7.47e-2    7.47e-1 ns
## 7 values FVIII 6 FVIII ~     20     20    -1.11    2.69e-1    1.00e+0 ns
## 8 values FVIII ~ FVIII ~     20     20    -0.760    4.47e-1    1.00e+0 ns
## 9 values FVIII ~ FVIII ~     20     20    -0.0845   9.33e-1    1.00e+0 ns
## 10 values FVIII ~ FVIII ~     20     20     0.676    4.99e-1    1.00e+0 ns
```



Factor IX

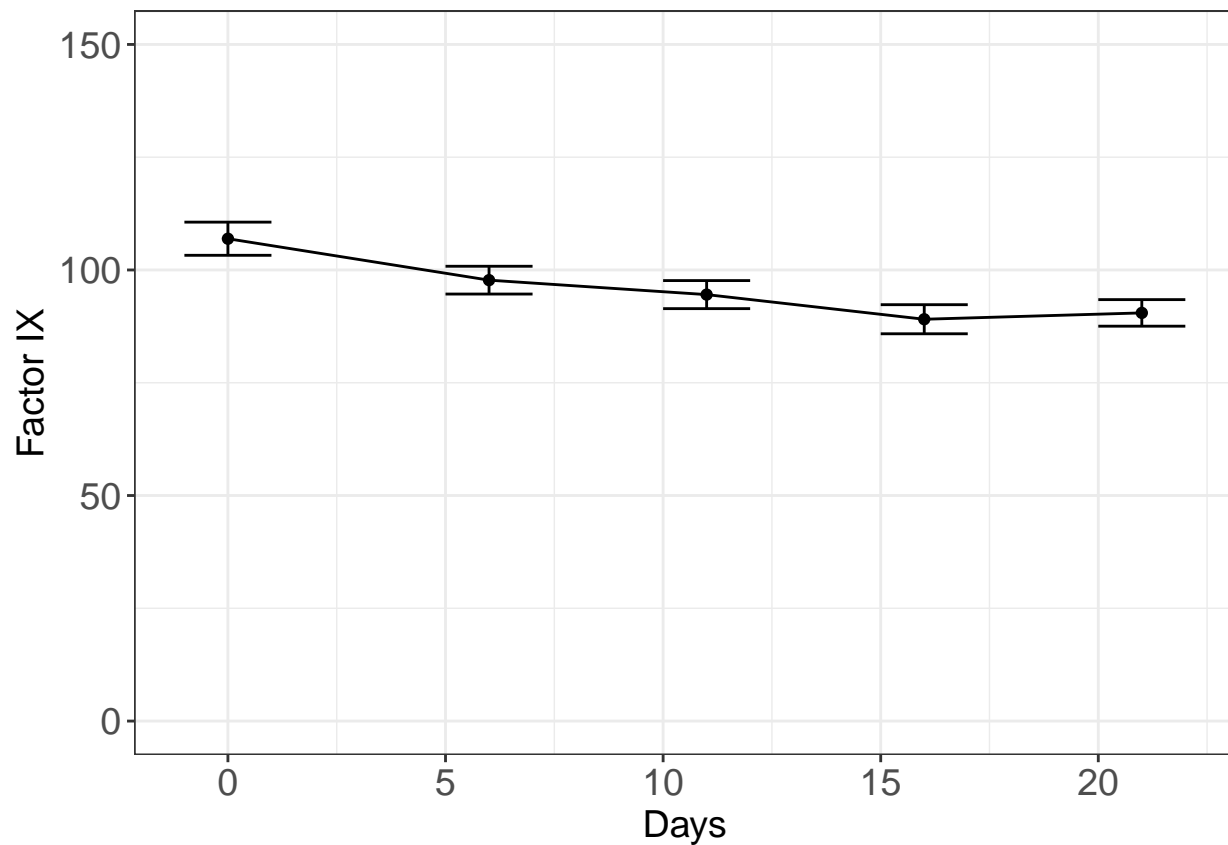
Description

```
## # A tibble: 5 x 10
##   time mean median   IQR    sd    es   var   min   max shapiro
##   <dbl> <dbl>   <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>   <dbl>
## 1     0 107.   101.    18   16.4  3.68  270.   81.3  145.    0.03
## 2     6  97.8   94.2   17.8  13.8  3.08  190.   79.8  133.    0.14
## 3    11  94.5   92.6   10.8  13.9  3.11  193.   72.6  132.    0.16
## 4    16  89.1   86.6   22.3  14.4  3.23  208.   69.9  124.    0.17
## 5    21  90.5   89.2   12.4  13.2  2.95  173.   62.7  118.    0.63
```

Prueba de ANOVA

```
## $anova
## Analysis of Variance Table
##
## Response: values
##           Df Sum Sq Mean Sq F value    Pr(>F)
## factor(ind)  4 4052.9  1013.2   4.8925 0.001246 **
## Residuals    95 19674.1    207.1
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
##
## $tunkey
##   Tukey multiple comparisons of means
##     95% family-wise confidence level
##
## Fit: aov(formula = model)
##
## $`factor(ind)`
##           diff      lwr      upr      p adj
## FIX 6-FIX 0   -9.185 -21.8401  3.4701024 0.2652811
## FIX 11-FIX 0  -12.390 -25.0451  0.2651024 0.0580052
## FIX 16-FIX 0  -17.850 -30.5051 -5.1948976 0.0015254
## FIX 21-FIX 0  -16.445 -29.1001 -3.7898976 0.0043276
## FIX 11-FIX 6   -3.205 -15.8601  9.4501024 0.9550525
## FIX 16-FIX 6   -8.665 -21.3201  3.9901024 0.3223128
## FIX 21-FIX 6   -7.260 -19.9151  5.3951024 0.5040742
## FIX 16-FIX 11  -5.460 -18.1151  7.1951024 0.7514842
## FIX 21-FIX 11  -4.055 -16.7101  8.6001024 0.8995559
## FIX 21-FIX 16   1.405 -11.2501 14.0601024 0.9979930
##
##
## $Kruskal_bonfe
## # A tibble: 10 x 9
##   .y.   group1 group2    n1    n2 statistic      p    p.adj p.adj.signif
## * <chr> <chr> <chr> <int> <int>    <dbl>    <dbl>    <dbl> <chr>
## 1 values FIX 0  FIX 6     20    20    -1.88  0.0600    0.600    ns
## 2 values FIX 0  FIX 11    20    20    -2.56  0.0105    0.105    ns
## 3 values FIX 0  FIX 16    20    20    -3.77  0.000162  0.00162  **
## 4 values FIX 0  FIX 21    20    20    -3.40  0.000677  0.00677  **
## 5 values FIX 6  FIX 11    20    20    -0.679 0.497      1        ns
## 6 values FIX 6  FIX 16    20    20    -1.89  0.0585    0.585    ns
## 7 values FIX 6  FIX 21    20    20    -1.52  0.129      1        ns
## 8 values FIX 11 FIX 16    20    20    -1.21  0.225      1        ns
## 9 values FIX 11 FIX 21    20    20    -0.839 0.401      1        ns
## 10 values FIX 16 FIX 21    20    20     0.373 0.709      1        ns
```



Factor X

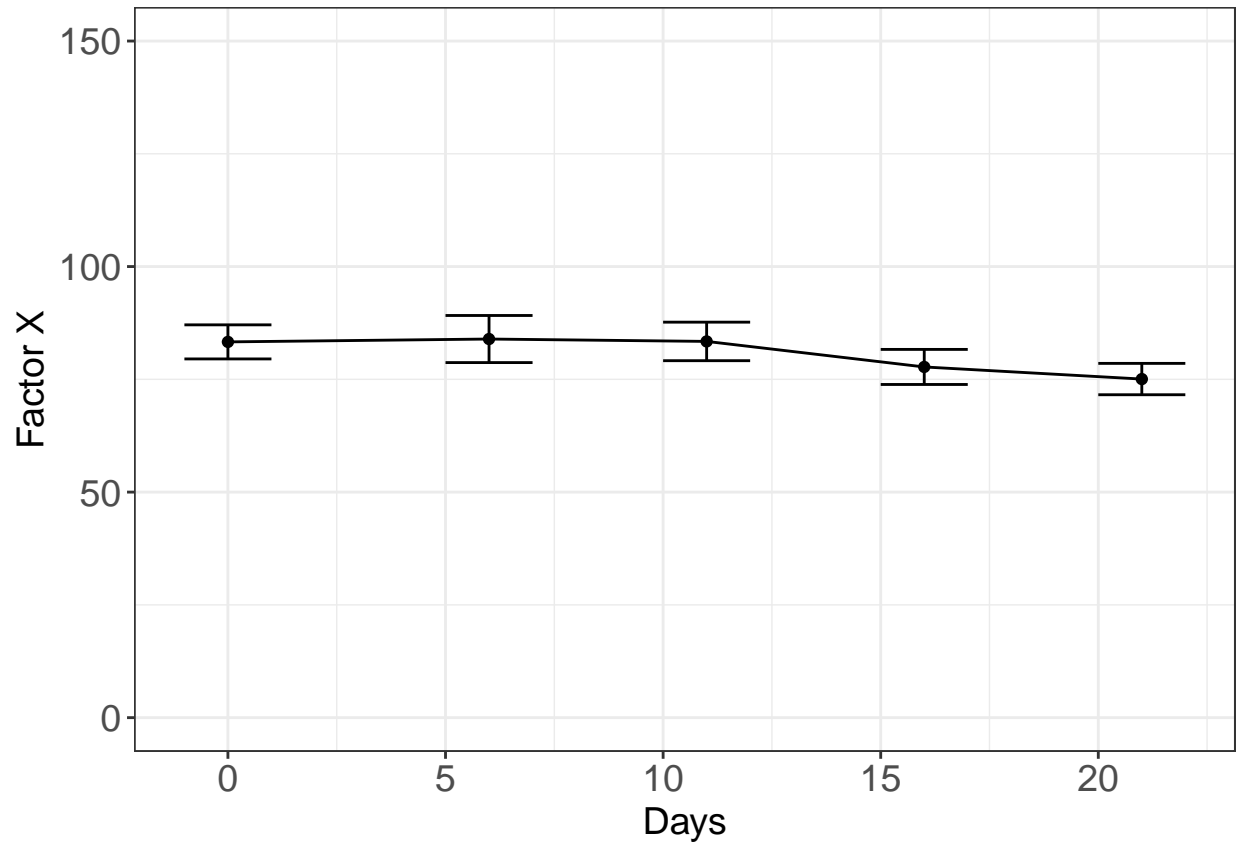
Description

```
## # A tibble: 5 x 10
##   time mean median   IQR    sd    es   var   min   max shapiro
##   <dbl> <dbl>  <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>
## 1     0  83.3   80.0  12.4  16.9  3.78  285.  57.8  123.  0.21
## 2     6  83.9   80.2  17.2  23.3  5.22  545.  58.2  159.  0
## 3    11  83.4   79.0  21.8  19.1  4.27  365.  56.6  137.  0.11
## 4    16  77.8   73.7  16.4  17.4  3.89  302.  52.5  118.  0.15
## 5    21  75.1   72.2  21.6  15.6  3.48  242.  53.1  106.  0.290
```

Prueba de ANOVA

```
## $anova
## Analysis of Variance Table
##
## Response: values
##              Df Sum Sq Mean Sq F value Pr(>F)
## factor(ind)   4   1302   325.42  0.9355 0.4469
## Residuals    95  33046   347.85
##
## $tunkey
```

```
## [1] NA
##
## $Kruskal_bonfe
## [1] NA
```



Factor XI

Description

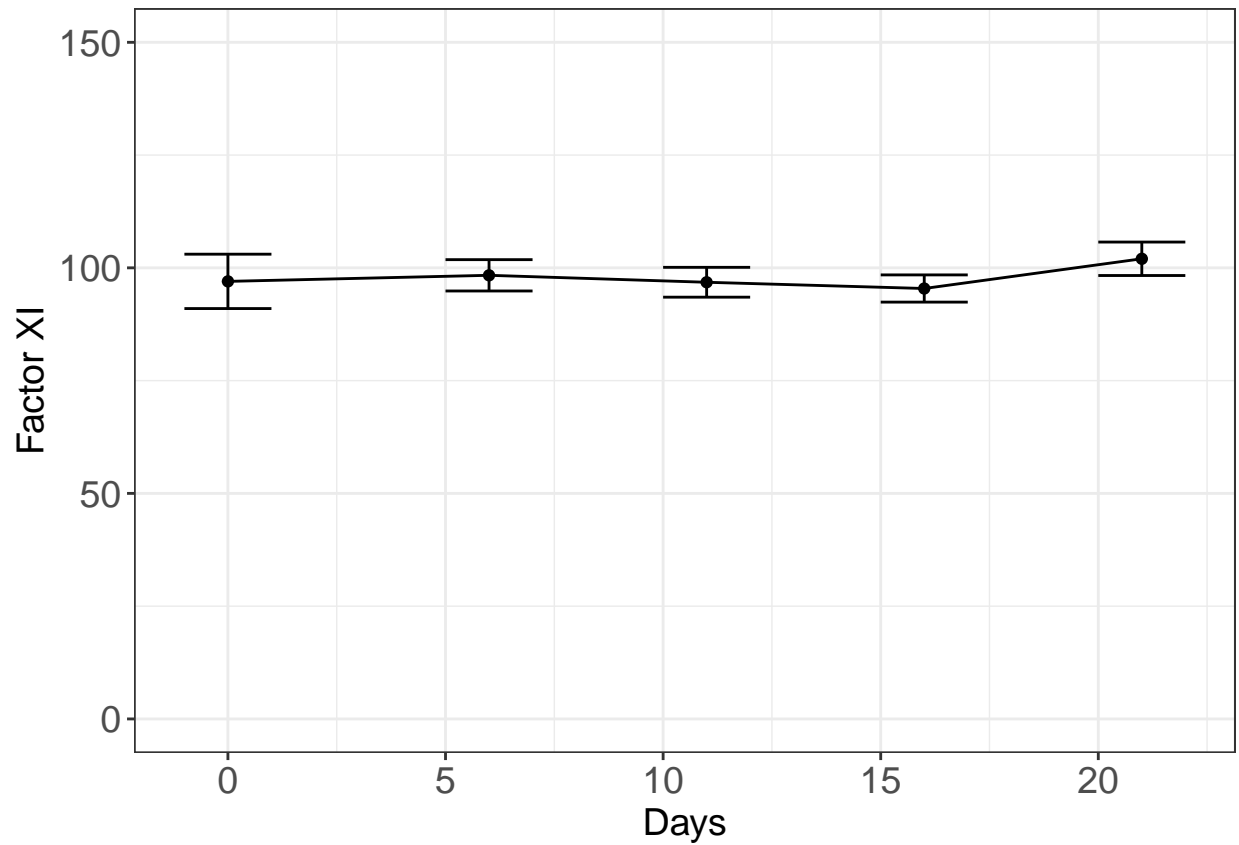
```
## # A tibble: 5 x 10
##   time mean median IQR  sd  es  var  min  max shapiro
##   <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>
## 1     0  97   100.   27.2  27.0  6.03  727.   5.5  126.    0
## 2     6  98.3  102.   18.0  15.5  3.47  241.   64   121.   0.27
## 3    11  96.8   97.8   16.7  14.8  3.31  219.  62.8  125.   0.82
## 4    16  95.4  100.   14.7  13.5  3.01  182.  64.2  119.   0.31
## 5    21 102.   101.   22.6  16.6  3.71  275.  75.6  141.   0.9
```

Prueba de ANOVA

```
## $anova
## Analysis of Variance Table
##
```



```
## Response: values
##           Df Sum Sq Mean Sq F value Pr(>F)
## factor(ind)  4    505  126.24  0.3841 0.8195
## Residuals    95   31224   328.67
##
## $tunkey
## [1] NA
##
## $Kruskal_bonfe
## [1] NA
```



PCC

Description

```
## # A tibble: 5 x 10
##   time mean median IQR  sd  es  var  min  max shapiro
##   <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl> <dbl>
## 1     0  89.4   89.5   16    14   3.13  196.   70  126   0.18
## 2     6  91.3   83.5   15.5  21.8  4.87  475.   72  168    0
## 3    11  80.4    76    12.5  18.6  4.16  346.   62  147    0
## 4    16  81.4    76.5  14.2  18.8  4.22  355.   65  148    0
## 5    21  77.4    74.5  18.5  18.4  4.12  340.   56  142    0
```

Prueba de ANOVA

```
## $anova
## Analysis of Variance Table
##
## Response: values
##           Df Sum Sq Mean Sq F value Pr(>F)
## factor(ind)  4   2900   724.99   2.1175 0.08459 .
## Residuals    95  32526   342.38
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## $tunkey
## [1] NA
##
## $Kruskal_bonfe
## [1] NA
```

