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RStudio

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Source

R421 ~ /

[Workspace loaded from ~/RData]

```
> Chickweight1 <- table(Chickweight$weight, Chickweight$time)
> data1 <- Chickweight1
> head(Chickweight1)
  weight time chick plot
1    42    0     1    1
2    51    2     1    1
3    59    4     1    1
4    66    6     1    1
5    76    8     1    1
6    93   10     1    1
> chckweight1 <- table(chckweight$weight, chckweight$time)
> Chickweight1
      0  2  4  6  8 10 12 14 16 18 20 21
35  0  1  0  0  0  0  0  0  0  0  0  0
39  7  1  0  0  0  0  0  0  0  0  0  0
40  5  0  0  0  0  0  0  0  0  0  0  0
41 20  0  0  0  0  0  0  0  0  0  0  0
42 14  1  0  0  0  0  0  0  0  0  0  0
43  4  0  0  0  0  0  0  0  0  0  0  0
44  0  1  0  0  0  0  0  0  0  0  0  0
45  0  1  0  0  0  0  0  0  0  0  0  0
46  0  2  0  0  0  0  0  0  0  0  0  0
47  0  1  0  0  0  0  0  0  0  0  0  0
48  0  7  1  0  0  0  0  0  0  0  0  0
49  0 11  1  0  0  0  0  0  0  0  0  0
50  0  6  0  0  0  0  0  0  0  0  0  0
51  0  6  0  1  0  1  0  0  0  0  0  0
52  0  3  1  0  0  0  0  0  0  0  0  0
53  0  4  1  0  0  0  0  0  0  0  0  0
54  0  1  1  0  0  0  1  0  0  0  0  0
55  0  3  2  0  0  0  0  0  0  0  0  0
56  0  0  4  0  0  0  0  0  0  0  0  0
57  0  0  2  0  1  0  0  0  0  0  0  0
58  0  0  4  1  0  0  0  0  0  0  0  0
59  0  0  5  0  0  0  0  0  0  0  0  0
60  0  0  0  2  0  0  0  0  0  0  0  0
61  0  0  7  0  0  0  0  0  0  0  0  0
62  0  0  6  2  0  0  0  0  0  0  0  0
63  0  0  4  1  0  0  0  0  0  0  0  0
64  0  0  3  2  0  0  0  0  0  0  0  0
65  0  0  2  0  3  0  0  0  0  0  0  0
66  0  0  3  0  1  0  0  0  0  0  0  0
67  0  0  1  2  0  1  1  0  0  0  0  0
68  0  0  0  7  1  7  0  1  0  0  0  0
69  0  0  1  0  0  0  0  0  0  0  0  0
70  0  0  0  0  0  0  1  1  0  0  0  0
71  0  0  0  2  0  1  1  1  1  0  0  0
72  0  0  0  3  1  0  0  0  1  1  0  0
73  0  0  0  4  0  1  0  0  0  0  0  0
74  0  0  0  5  2  0  0  0  0  0  0  1
76  0  0  0  1  1  0  0  0  0  0  1  0
77  0  0  0  2  0  0  1  0  0  0  0  0
78  0  0  0  3  0  0  0  0  0  0  0  0
79  0  0  0  3  1  0  0  0  0  0  0  0
```

Environment History Connections Tutorial

Global Environment

DATA

- chickweight 578 obs. of 4 variables
- relatation list of 12
- toothurboth 60 obs. of 3 variables

values

- A num [1:178] 42 51 59 66 76 93 106 125 149 171 ...
- Airpassengers time-series [1:144] from 1949 to 1961: 112 118 132 129 121 135 148 148 136
- C int [1:5] 1 2 3 4 5
- chickweight1 'table' int [1:212, 1:12] 0 7 3 20 14 4 0 0 0 0 ...
- decimalscaling num [1:178] 0.42 0.51 0.59 0.64 0.76 0.93 1.06 1.25 1.49 1.71 ...
- F num [1:4] 1 2 3 4
- T num [1:4] 2 1 4 2
- Maximum 273
- mean 171.818359100546
- Minimum 35
- MinMax num [1:5/8] 0.020/ 0.047/3 0.0/1 0.0838 0.121/ ...
- n num [1:1] 5 6 9 89 -81

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Zoom Export

Source

```
R 4.2.1 - wj
data: chickweight1
x-squared = 3843.2, df = 2321, p-value < 2.2e-16

warning message:
In chisq.test(chickweight1) : chi-squared approximation may be incorrect
> Ac-c(chickweight$weight)
> mean<-mean(A)
> Minimum<-min(chickweight$weight)
> Maximum<-max(chickweight$weight)
> WMin<-(A-Minimum)/(Maximum-Minimum)
> WMax<-
[1] 0.02071006 0.04733728 0.07100592 0.08579882 0.12130178 0.17159763 0.21005917 0.26627219 0.33727811 0.40236686
[11] 0.48320710 0.50295858 0.01479290 0.04142012 0.06804734 0.10946746 0.14497041 0.20118343 0.25739645 0.30473373
[21] 0.37573964 0.44970414 0.51479290 0.53254438 0.02366864 0.01183432 0.05917160 0.09467456 0.14497041 0.18934911
[31] 0.23668639 0.30473373 0.37869822 0.44970414 0.48224852 0.49408284 0.02071006 0.04142012 0.06213018 0.09467456
[41] 0.11538462 0.15384615 0.19822485 0.21597633 0.29881657 0.35207101 0.36982249 0.36094675 0.01775148 0.02071006
[51] 0.03846154 0.07396450 0.13017751 0.21005917 0.31360947 0.38165680 0.47928994 0.48520710 0.54733728 0.55621302
[61] 0.01775148 0.04142012 0.07100592 0.11538462 0.18341393 0.26331361 0.31360947 0.33413953 0.35502959 0.36982249
[71] 0.36982249 0.36094675 0.01775148 0.04142012 0.06508876 0.10650888 0.15976331 0.22781065 0.32840237 0.41124260
[81] 0.54142012 0.63609467 0.74852071 0.79881657 0.02071006 0.04437870 0.07692308 0.10650888 0.14497041 0.17159763
[91] 0.22189349 0.23964497 0.26923077 0.29289941 0.26627219 0.02071006 0.04733728 0.07100592 0.09763314 0.14792899
[101] 0.18047337 0.16272189 0.16863905 0.17159763 0.19230769 0.19230769 0.18639053 0.01775148 0.02662722 0.05029586
[111] 0.06284024 0.11538462 0.12609467 0.15976331 0.18047337 0.19526627 0.22781065 0.25247929 0.26213961 0.02366864
[121] 0.04733728 0.08284024 0.14497041 0.22781065 0.30769231 0.39349112 0.42011834 0.43491124 0.44082840 0.43195266
[131] 0.41420118 0.01775148 0.04142012 0.06213018 0.07988166 0.10946746 0.15680473 0.24852071 0.29585799 0.37573964
[141] 0.44378698 0.47337278 0.50295858 0.01775148 0.03846154 0.05325444 0.07396450 0.08875740 0.09467456 0.10650888
[151] 0.10355030 0.10650888 0.13609467 0.16568047 0.18047337 0.01775148 0.04142012 0.07988166 0.13017751 0.19526627
[161] 0.27324793 0.38165680 0.40449704 0.56804734 0.63017751 0.66272189 0.68345195 0.01775148 0.04142012 0.06213018
[171] 0.08579882 0.09763314 0.09763314 0.09467456 0.09763314 0.01775148 0.02958580 0.04142012 0.04733728 0.06508876
[181] 0.04733728 0.05621302 0.02071006 0.04733728 0.07692308 0.10946746 0.14201183 0.15976331 0.18639053 0.20118343
[191] 0.23076923 0.26035503 0.28994083 0.31656805 0.01183432 0.00000000 0.02366864 0.03846154 0.05917160 0.07988166
[201] 0.08875740 0.10650888 0.13905325 0.15680473 0.21005917 0.25147929 0.32248521 0.36094675 0.01775148 0.03550296
[211] 0.05621302 0.06804734 0.08875740 0.11242604 0.12426036 0.15976331 0.18639053 0.21301775 0.23668639 0.24260355
[221] 0.01479290 0.04437870 0.07988166 0.15088757 0.26627219 0.37869822 0.53846154 0.60650888 0.71005917 0.80473373
[231] 0.83727811 0.87573964 0.01775148 0.05917160 0.08579882 0.12426036 0.16272189 0.17751479 0.21597633 0.22485207
[241] 0.28402367 0.33431953 0.38165680 0.39053254 0.02366864 0.05029586 0.07692308 0.11242604 0.16272189 0.20118343
[251] 0.27218935 0.29585799 0.32544739 0.37869822 0.39940828 0.41420118 0.02071006 0.05029586 0.06804734 0.11538462
[261] 0.09171598 0.09763314 0.10355030 0.10650888 0.10946746 0.12130178 0.11538462 0.01479290 0.04142012
[271] 0.07988166 0.12721893 0.19822485 0.26331361 0.32840237 0.38165680 0.47928994 0.57988166 0.66272189 0.68047337
[281] 0.02071006 0.03846154 0.06508876 0.11538462 0.17159763 0.23372781 0.29881657 0.33136095 0.39644970 0.50295858
[291] 0.59467456 0.63905325 0.01183432 0.05254438 0.06804734 0.11242604 0.15384615 0.19230769 0.23668639 0.26035503
[301] 0.32248521 0.37869822 0.44378698 0.46449704 0.01183432 0.03254438 0.06804734 0.11242604 0.16863905 0.23372781
[311] 0.32544379 0.35798817 0.44082840 0.50887574 0.52366864 0.58579882 0.01183432 0.03846154 0.07100592 0.11538462
[321] 0.15384615 0.21005917 0.29289941 0.34023669 0.44970414 0.57692308 0.72189349 0.81065089 0.02071006 0.03846154
[331] 0.07100592 0.10946746 0.14792899 0.18639053 0.23668639 0.25739645 0.21952663 0.24219527 0.36094675 0.34023669
[341] 0.02071006 0.05325444 0.07988166 0.11242604 0.14792899 0.19822485 0.26035503 0.30473373 0.39940828 0.50000000
[351] 0.59171598 0.63384615 0.01775148 0.04142012 0.08875740 0.13905325 0.21301775 0.27810651 0.36686391 0.42603550
[361] 0.55029586 0.67455621 0.73739645 0.79881657 0.01183432 0.04437870 0.08284024 0.12426036 0.18047337 0.22485207
[371] 0.30177515 0.32248521 0.34319527 0.32840237 0.35798817 0.33136095 0.01775148 0.04142012 0.08284024 0.14792899
[381] 0.21301775 0.29289941 0.38165680 0.44674556 0.59371598 0.76627219 0.86390533 0.90532544 0.01775148 0.05325444
[391] 0.08579882 0.15384615 0.26035503 0.36390533 0.49112426 0.60059172 0.74556213 0.87869822 0.96449704 1.00000000
[401] 0.01183432 0.03846154 0.07692308 0.12130178 0.18639053 0.23964497 0.32544379 0.38757396 0.48224852 0.56804734
[411] 0.56213018 0.54733728 0.01775148 0.03846154 0.06213018 0.09763314 0.13313609 0.14201183 0.20118343 0.22781065
[421] 0.29585799 0.36094675 0.39644970 0.42307692 0.01775148 0.04142012 0.07692308 0.11538462 0.18639053 0.21893491
[431] 0.27547923 0.35207101 0.46449704 0.58284024 0.72485207 0.75443787 0.02071006 0.04437870 0.07692308 0.12721893
[441] 0.15976331 0.21893491 0.28106509 0.32840237 0.39940828 0.52958580 0.63609467 0.70118343 0.01775148 0.05917160
[451] 0.09171598 0.13017751 0.19526627 0.25147929 0.35207101 0.43491124 0.53254438 0.67159763 0.76923077 0.84615385
```

Environment

History

Connections

Tutorial

R 4.2.1 - wj

Global Environment

Data

chickweight

578 obs. of 4 variables

Relation

List of 12

ToothGrowth

60 obs. of 3 variables

values

A

num [1:578] 42 51 59 64 76 93 106 125 149 171 ...

AirPassengers

Time-Series [1:144] from 1949 to 1961: 112 118 132 129 121 135 148 148 136...

c

int [1:5] 1 2 3 4 5

chickweight1

"table" int [1:212, 1:12] 0 7 5 20 14 4 0 0 0 0 ...

decimalScaling

num [1:578] 0.42 0.51 0.59 0.64 0.76 0.93 1.06 1.25 1.49 1.71 ...

f

num [1:4] 1 2 3 4

l

num [1:4] 2 1 4 3

Maximum

373

Mean

121.818339100346

Minimum

35

WMin

num [1:578] 0.0207 0.0473 0.071 0.0858 0.1213 ...

n

num [1:5] 5 6 9 89 -85

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