# A tibble: 10,299 x 88

# Groups: subject, activity [180]

subject activity TimeBodyAccelerometer.mean...X TimeBodyAccelerometer.mean...Y TimeBodyAccelerometer.mean...Z

1 1 STANDING 0.2885845 -0.020294171 -0.1329051

2 1 STANDING 0.2784188 -0.016410568 -0.1235202

3 1 STANDING 0.2796531 -0.019467156 -0.1134617

4 1 STANDING 0.2791739 -0.026200646 -0.1232826

5 1 STANDING 0.2766288 -0.016569655 -0.1153619

6 1 STANDING 0.2771988 -0.010097850 -0.1051373

7 1 STANDING 0.2794539 -0.019640776 -0.1100221

8 1 STANDING 0.2774325 -0.030488303 -0.1253604

9 1 STANDING 0.2772934 -0.021750698 -0.1207508

10 1 STANDING 0.2805857 -0.009960298 -0.1060652

11 1 STANDING 0.2768803 -0.012721805 -0.1034383

TimeGravityAccelerometer.mean...X TimeGravityAccelerometer.mean...Y TimeGravityAccelerometer.mean...Z

1 0.9633961 -0.1408397 0.11537494

2 0.9665611 -0.1415513 0.10937881

3 0.9668781 -0.1420098 0.10188392

4 0.9676152 -0.1439765 0.09985014

5 0.9682244 -0.1487502 0.09448590

6 0.9679482 -0.1482100 0.09190972

7 0.9679295 -0.1442821 0.09314463

8 0.9684915 -0.1467054 0.09170816

9 0.9684812 -0.1543740 0.08511826

10 0.9684180 -0.1563020 0.08087447

11 0.9692027 -0.1523614 0.08125808

TimeBodyAccelerometerJerk.mean...X TimeBodyAccelerometerJerk.mean...Y TimeBodyAccelerometerJerk.mean...Z

1 0.07799634 0.005000803 -0.067830808

2 0.07400671 0.005771104 0.029376633

3 0.07363596 0.003104037 -0.009045631

4 0.07732061 0.020057642 -0.009864772

5 0.07344436 0.019121574 0.016779979

6 0.07793244 0.018684046 0.009344434

7 0.08217077 -0.017014670 -0.015798166

8 0.07236423 0.008747856 -0.004468135

9 0.07528437 0.030762704 0.011211950

10 0.07636932 0.012518906 0.003084375

11 0.07139686 0.016842441 0.001030382

TimeBodyGyroscope.mean...X TimeBodyGyroscope.mean...Y TimeBodyGyroscope.mean...Z TimeBodyGyroscopeJerk.mean...X

1 -0.006100849 -0.03136479 0.10772540 -0.09916740

2 -0.016111620 -0.08389378 0.10058429 -0.11050283

3 -0.031698294 -0.10233542 0.09612688 -0.10848567

4 -0.043409983 -0.09138618 0.08553770 -0.09116989

5 -0.033960416 -0.07470803 0.07739203 -0.09077010

6 -0.028775508 -0.07039311 0.07901214 -0.09424758

7 -0.028600251 -0.08304673 0.09546456 -0.09708861

8 -0.024200262 -0.07789261 0.09409561 -0.10316236

9 -0.024831025 -0.06640164 0.07786298 -0.10069440

10 -0.023415400 -0.07092568 0.07897584 -0.09842938

11 -0.024708255 -0.06888458 0.08548177 -0.09944295

TimeBodyGyroscopeJerk.mean...Y TimeBodyGyroscopeJerk.mean...Z TimeBodyAccelerometerMagnitude.mean..

1 -0.05551737 -0.06198580 -0.9594339

2 -0.04481873 -0.05924282 -0.9792892

3 -0.04241031 -0.05582883 -0.9837031

4 -0.03633262 -0.06046466 -0.9865418

5 -0.03763253 -0.05828932 -0.9928271

6 -0.04335526 -0.04193600 -0.9942950

7 -0.04158928 -0.04470456 -0.9874657

8 -0.03554607 -0.06320893 -0.9774577

9 -0.04771525 -0.06772005 -0.9836309

10 -0.04354022 -0.04856291 -0.9867720

11 -0.03251515 -0.04551265 -0.9880403

TimeGravityAccelerometerMagnitude.mean.. TimeBodyAccelerometerJerkMagnitude.mean..

1 -0.9594339 -0.9933059

2 -0.9792892 -0.9912535

3 -0.9837031 -0.9885313

4 -0.9865418 -0.9930780

5 -0.9928271 -0.9934800

6 -0.9942950 -0.9930177

7 -0.9874657 -0.9913143

8 -0.9774577 -0.9908508

9 -0.9836309 -0.9933254

10 -0.9867720 -0.9853882

11 -0.9880403 -0.9844114

TimeBodyGyroscopeMagnitude.mean.. TimeBodyGyroscopeJerkMagnitude.mean.. FrequencyBodyAccelerometer.mean...X

1 -0.9689591 -0.9942478 -0.9947832

2 -0.9806831 -0.9951232 -0.9974507

3 -0.9763171 -0.9934032 -0.9935941

4 -0.9820599 -0.9955022 -0.9954906

5 -0.9852037 -0.9958076 -0.9972859

6 -0.9858944 -0.9952748 -0.9966567

7 -0.9855007 -0.9937188 -0.9958491

8 -0.9845056 -0.9942907 -0.9951928

9 -0.9893698 -0.9958495 -0.9970999

10 -0.9845244 -0.9897993 -0.9935193

11 -0.9852507 -0.9912612 -0.9928863

FrequencyBodyAccelerometer.mean...Y FrequencyBodyAccelerometer.mean...Z FrequencyBodyAccelerometer.meanFreq...X

1 -0.9829841 -0.9392687 0.252482900

2 -0.9768517 -0.9735227 0.271308550

3 -0.9725115 -0.9833040 0.124531240

4 -0.9835697 -0.9910798 0.029044377

5 -0.9823010 -0.9883694 0.181089770

6 -0.9869395 -0.9927386 0.157383770

7 -0.9676116 -0.9841233 0.432263310

8 -0.9742913 -0.9886519 0.000771701

9 -0.9682053 -0.9906322 -0.027979677

10 -0.9703186 -0.9860957 0.037599200

11 -0.9706080 -0.9836724 0.254522430

FrequencyBodyAccelerometer.meanFreq...Y FrequencyBodyAccelerometer.meanFreq...Z

1 0.13183575 -0.05205025

2 0.04286364 -0.01430976

3 -0.06461056 0.08267692

4 0.08030227 0.18569468

5 0.05798789 0.55978632

6 0.31883523 0.60559943

7 0.11041077 0.37958626

8 -0.12296974 0.15723362

9 0.15413523 0.16483929

10 0.16076246 0.25978658

11 0.14580566 0.35600115

FrequencyBodyAccelerometerJerk.mean...X FrequencyBodyAccelerometerJerk.mean...Y

1 -0.9923325 -0.9871699

2 -0.9950322 -0.9813115

3 -0.9909937 -0.9816423

4 -0.9944466 -0.9887272

5 -0.9962920 -0.9887900

6 -0.9948507 -0.9882443

7 -0.9947551 -0.9832403

8 -0.9949470 -0.9807555

9 -0.9966927 -0.9801905

10 -0.9915342 -0.9708485

11 -0.9909857 -0.9734558

FrequencyBodyAccelerometerJerk.mean...Z FrequencyBodyAccelerometerJerk.meanFreq...X

1 -0.9896961 0.87038451

2 -0.9897398 0.60851352

3 -0.9875663 0.11543400

4 -0.9913542 0.03579805

5 -0.9906244 0.27335020

6 -0.9901575 0.32883589

7 -0.9873372 0.35640411

8 -0.9908381 0.29494348

9 -0.9963072 0.28644948

10 -0.9867755 0.21177858

11 -0.9817322 0.29814706

FrequencyBodyAccelerometerJerk.meanFreq...Y FrequencyBodyAccelerometerJerk.meanFreq...Z

1 0.21069700 0.26370789

2 -0.05367561 0.06314827

3 -0.19343634 0.03825433

4 -0.09303585 0.16809523

5 0.07913538 0.29238418

6 0.05477140 0.32094497

7 0.05078586 0.20893077

8 0.02293017 0.02694164

9 0.15220008 0.25011504

10 -0.04189474 0.02995693

11 -0.11664159 0.07587141

FrequencyBodyGyroscope.mean...X FrequencyBodyGyroscope.mean...Y FrequencyBodyGyroscope.mean...Z

1 -0.9865744 -0.9817615 -0.9895148

2 -0.9773867 -0.9925300 -0.9896058

3 -0.9754332 -0.9937147 -0.9867557

4 -0.9871096 -0.9936015 -0.9871913

5 -0.9824465 -0.9929838 -0.9886664

6 -0.9848902 -0.9927862 -0.9807784

7 -0.9860273 -0.9904991 -0.9784560

8 -0.9873302 -0.9900142 -0.9803608

9 -0.9890979 -0.9919669 -0.9840280

10 -0.9817777 -0.9880011 -0.9774530

11 -0.9819125 -0.9878227 -0.9772719

FrequencyBodyGyroscope.meanFreq...X FrequencyBodyGyroscope.meanFreq...Y FrequencyBodyGyroscope.meanFreq...Z

1 -0.25754888 0.09794711 0.54715105

2 -0.04816744 -0.40160791 -0.06817833

3 -0.21668507 -0.01726417 -0.11072029

4 0.21686246 -0.13524536 -0.04972798

5 -0.15334258 -0.08840273 -0.16223039

6 -0.36303968 -0.13323831 0.19483324

7 -0.30712543 -0.34567235 -0.07924550

8 -0.08813590 -0.20811515 -0.07598939

9 -0.18405460 0.17672726 0.21279994

10 -0.17276785 -0.24908480 -0.06097840

11 -0.27981371 -0.05103577 0.09882920

FrequencyBodyAccelerometerMagnitude.mean.. FrequencyBodyAccelerometerMagnitude.meanFreq..

1 -0.9521547 -0.08843612

2 -0.9808566 -0.04414989

3 -0.9877948 0.25789914

4 -0.9875187 0.07358150

5 -0.9935909 0.39431033

6 -0.9948360 0.43796212

7 -0.9821347 0.21996177

8 -0.9821841 -0.10976272

9 -0.9831308 0.08376704

10 -0.9849940 0.42582119

11 -0.9856966 0.38084257

FrequencyBodyAccelerometerJerkMagnitude.mean.. FrequencyBodyAccelerometerJerkMagnitude.meanFreq..

1 -0.9937257 0.3469885

2 -0.9903355 0.5320605

3 -0.9892801 0.6607950

4 -0.9927689 0.6789213

5 -0.9955228 0.5590577

6 -0.9947329 0.2469096

7 -0.9878858 0.2901766

8 -0.9898514 0.2497989

9 -0.9920726 0.2723424

10 -0.9823168 0.2508836

11 -0.9847630 0.5018756

FrequencyBodyGyroscopeMagnitude.mean.. FrequencyBodyGyroscopeMagnitude.meanFreq..

1 -0.9801349 -0.12898890

2 -0.9882956 -0.27195846

3 -0.9892548 -0.21272790

4 -0.9894128 -0.03568420

5 -0.9914330 -0.27358201

6 -0.9905000 -0.29732906

7 -0.9882692 -0.25703213

8 -0.9894306 -0.19727152

9 -0.9916293 0.07341721

10 -0.9847879 -0.13996636

11 -0.9834584 -0.04715901

FrequencyBodyGyroscopeJerkMagnitude.mean.. FrequencyBodyGyroscopeJerkMagnitude.meanFreq..

1 -0.9919904 -0.07432303

2 -0.9958539 0.15807454

3 -0.9950305 0.41450281

4 -0.9952207 0.40457253

5 -0.9950928 0.08775301

6 -0.9951433 0.01995331

7 -0.9956415 0.14584351

8 -0.9956291 0.13638192

9 -0.9952604 0.31403783

10 -0.9909812 0.26738250

11 -0.9913143 0.12050339

Angle.TimeBodyAccelerometerMean.Gravity. Angle.TimeBodyAccelerometerJerkMean..GravityMean.

1 -0.11275434 0.030400372

2 0.05347695 -0.007434566

3 -0.11855926 0.177899480

4 -0.03678797 -0.012892494

5 0.12332005 0.122541960

6 0.08263215 -0.143439010

7 -0.21275406 -0.230621930

8 -0.02088801 0.593995810

9 0.01295402 0.080936389

10 -0.02058965 -0.127730180

11 0.08069947 0.595790550

Angle.TimeBodyGyroscopeMean.GravityMean. Angle.TimeBodyGyroscopeJerkMean.GravityMean. Angle.X.GravityMean.

1 -0.46476139 -0.01844588 -0.8412468

2 -0.73262621 0.70351059 -0.8447876

3 0.10069921 0.80852908 -0.8489335

4 0.64001104 -0.48536645 -0.8486494

5 0.69357829 -0.61597061 -0.8478653

6 0.27504075 -0.36822404 -0.8496316

7 0.01463669 -0.18951153 -0.8521502

8 -0.56187067 0.46738333 -0.8510167

9 -0.23431263 0.11779701 -0.8479715

10 -0.48287054 -0.07067013 -0.8482944

11 -0.47580245 0.11593062 -0.8515618

Angle.Y.GravityMean. Angle.Z.GravityMean. TimeBodyAccelerometer.std...X TimeBodyAccelerometer.std...Y

1 0.1799406 -0.05862692 -0.9952786 -0.9831106

2 0.1802889 -0.05431672 -0.9982453 -0.9753002

3 0.1806373 -0.04911782 -0.9953796 -0.9671870

4 0.1819348 -0.04766318 -0.9960915 -0.9834027

5 0.1851512 -0.04389225 -0.9981386 -0.9808173

6 0.1848225 -0.04212638 -0.9973350 -0.9904868

7 0.1821700 -0.04300999 -0.9969210 -0.9671859

8 0.1837785 -0.04197583 -0.9965593 -0.9667284

9 0.1889825 -0.03736393 -0.9973285 -0.9612453

10 0.1903103 -0.03441729 -0.9948034 -0.9727584

11 0.1876093 -0.03468117 -0.9948151 -0.9730769

TimeBodyAccelerometer.std...Z TimeGravityAccelerometer.std...X TimeGravityAccelerometer.std...Y

1 -0.9135264 -0.9852497 -0.9817084

2 -0.9603220 -0.9974113 -0.9894474

3 -0.9789440 -0.9995740 -0.9928658

4 -0.9906751 -0.9966456 -0.9813928

5 -0.9904816 -0.9984293 -0.9880982

6 -0.9954200 -0.9989793 -0.9867539

7 -0.9831178 -0.9993325 -0.9885747

8 -0.9815853 -0.9981183 -0.9729600

9 -0.9836716 -0.9977894 -0.9756451

10 -0.9862439 -0.9973622 -0.9905016

11 -0.9853570 -0.9972646 -0.9864879

TimeGravityAccelerometer.std...Z TimeBodyAccelerometerJerk.std...X TimeBodyAccelerometerJerk.std...Y

1 -0.8776250 -0.9935191 -0.9883600

2 -0.9316387 -0.9955481 -0.9810636

3 -0.9929172 -0.9907428 -0.9809556

4 -0.9784764 -0.9926974 -0.9875527

5 -0.9787449 -0.9964202 -0.9883587

6 -0.9973064 -0.9948136 -0.9887145

7 -0.9920159 -0.9952056 -0.9848308

8 -0.9765688 -0.9952728 -0.9812912

9 -0.9689613 -0.9964789 -0.9800513

10 -0.9967423 -0.9911556 -0.9692003

11 -0.9946927 -0.9912336 -0.9732643

TimeBodyAccelerometerJerk.std...Z TimeBodyGyroscope.std...X TimeBodyGyroscope.std...Y TimeBodyGyroscope.std...Z

1 -0.9935750 -0.9853103 -0.9766234 -0.9922053

2 -0.9918457 -0.9831200 -0.9890458 -0.9891212

3 -0.9896866 -0.9762921 -0.9935518 -0.9863787

4 -0.9934976 -0.9913848 -0.9924073 -0.9875542

5 -0.9924549 -0.9851836 -0.9923781 -0.9874019

6 -0.9922663 -0.9851808 -0.9921175 -0.9830768

7 -0.9884251 -0.9881772 -0.9892057 -0.9791538

8 -0.9903396 -0.9891072 -0.9874032 -0.9785196

9 -0.9966661 -0.9908820 -0.9928913 -0.9872415

10 -0.9886150 -0.9849378 -0.9873038 -0.9808440

11 -0.9850175 -0.9846639 -0.9882156 -0.9809040

TimeBodyGyroscopeJerk.std...X TimeBodyGyroscopeJerk.std...Y TimeBodyGyroscopeJerk.std...Z

1 -0.9921107 -0.9925193 -0.9920553

2 -0.9898726 -0.9972926 -0.9938510

3 -0.9884618 -0.9956321 -0.9915318

4 -0.9911194 -0.9966410 -0.9933289

5 -0.9913545 -0.9964730 -0.9945110

6 -0.9916216 -0.9960147 -0.9930906

7 -0.9904185 -0.9954146 -0.9904868

8 -0.9911036 -0.9957943 -0.9907386

9 -0.9924195 -0.9963118 -0.9939563

10 -0.9839125 -0.9930785 -0.9843996

11 -0.9859109 -0.9937178 -0.9847622

TimeBodyAccelerometerMagnitude.std.. TimeGravityAccelerometerMagnitude.std..

1 -0.9505515 -0.9505515

2 -0.9760571 -0.9760571

3 -0.9880196 -0.9880196

4 -0.9864213 -0.9864213

5 -0.9912754 -0.9912754

6 -0.9952490 -0.9952490

7 -0.9827460 -0.9827460

8 -0.9759967 -0.9759967

9 -0.9775137 -0.9775137

10 -0.9867024 -0.9867024

11 -0.9859017 -0.9859017

TimeBodyAccelerometerJerkMagnitude.std.. TimeBodyGyroscopeMagnitude.std.. TimeBodyGyroscopeJerkMagnitude.std..

1 -0.9943364 -0.9643352 -0.9913676

2 -0.9916944 -0.9837542 -0.9961016

3 -0.9903969 -0.9860515 -0.9950910

4 -0.9933808 -0.9873511 -0.9952666

5 -0.9958537 -0.9890626 -0.9952580

6 -0.9954243 -0.9864403 -0.9952050

7 -0.9894478 -0.9846253 -0.9952695

8 -0.9903883 -0.9868383 -0.9952107

9 -0.9928875 -0.9909145 -0.9955883

10 -0.9836431 -0.9802638 -0.9907352

11 -0.9860252 -0.9802478 -0.9903406

FrequencyBodyAccelerometer.std...X FrequencyBodyAccelerometer.std...Y FrequencyBodyAccelerometer.std...Z

1 -0.9954217 -0.9831330 -0.9061650

2 -0.9986803 -0.9749298 -0.9554381

3 -0.9963128 -0.9655059 -0.9770493

4 -0.9963121 -0.9832444 -0.9902291

5 -0.9986065 -0.9801295 -0.9919150

6 -0.9976438 -0.9922637 -0.9970459

7 -0.9974612 -0.9679258 -0.9828873

8 -0.9972793 -0.9641019 -0.9780759

9 -0.9973676 -0.9591815 -0.9800599

10 -0.9953884 -0.9747938 -0.9865356

11 -0.9958107 -0.9751099 -0.9868304

FrequencyBodyAccelerometerJerk.std...X FrequencyBodyAccelerometerJerk.std...Y

1 -0.9958207 -0.9909363

2 -0.9966523 -0.9820839

3 -0.9912488 -0.9814148

4 -0.9913783 -0.9869269

5 -0.9969025 -0.9886067

6 -0.9952180 -0.9901788

7 -0.9962421 -0.9882634

8 -0.9961277 -0.9833693

9 -0.9965066 -0.9812898

10 -0.9914681 -0.9693183

11 -0.9923312 -0.9749290

FrequencyBodyAccelerometerJerk.std...Z FrequencyBodyGyroscope.std...X FrequencyBodyGyroscope.std...Y

1 -0.9970517 -0.9850326 -0.9738861

2 -0.9926268 -0.9849043 -0.9871681

3 -0.9904159 -0.9766422 -0.9933990

4 -0.9943908 -0.9928104 -0.9916460

5 -0.9929065 -0.9859818 -0.9919558

6 -0.9930667 -0.9852871 -0.9916595

7 -0.9879085 -0.9887881 -0.9884058

8 -0.9881628 -0.9896004 -0.9859172

9 -0.9954414 -0.9913759 -0.9935160

10 -0.9889748 -0.9858691 -0.9868624

11 -0.9870654 -0.9854689 -0.9884639

FrequencyBodyGyroscope.std...Z FrequencyBodyAccelerometerMagnitude.std..

1 -0.9940349 -0.9561340

2 -0.9897847 -0.9758658

3 -0.9873282 -0.9890155

4 -0.9886776 -0.9867420

5 -0.9879443 -0.9900635

6 -0.9853661 -0.9952833

7 -0.9811471 -0.9847729

8 -0.9796810 -0.9751195

9 -0.9896288 -0.9766829

10 -0.9837876 -0.9890231

11 -0.9839489 -0.9871887

FrequencyBodyAccelerometerJerkMagnitude.std.. FrequencyBodyGyroscopeMagnitude.std..

1 -0.9937550 -0.9613094

2 -0.9919603 -0.9833219

3 -0.9908667 -0.9860277

4 -0.9916998 -0.9878358

5 -0.9943890 -0.9890594

6 -0.9951562 -0.9858609

7 -0.9905461 -0.9845685

8 -0.9897903 -0.9870648

9 -0.9928901 -0.9917587

10 -0.9840570 -0.9803878

11 -0.9866171 -0.9811784

FrequencyBodyGyroscopeJerkMagnitude.std..

1 -0.9906975

2 -0.9963995

3 -0.9951274

4 -0.9952369

5 -0.9954648

6 -0.9952387

7 -0.9946391

8 -0.9945068

9 -0.9960072

10 -0.9905994

11 -0.9892975

[ reached 'max' / getOption("max.print") -- omitted 10288 rows ]