> Data2

subject activity timeBodyAccelerometer-mean()-X timeBodyAccelerometer-mean()-Y

1 1 1 0.2773308 -0.017383819

31 1 2 0.2554617 -0.023953149

61 1 3 0.2891883 -0.009918505

91 1 4 0.2612376 -0.001308288

121 1 5 0.2789176 -0.016137590

151 1 6 0.2215982 -0.040513953

2 2 1 0.2764266 -0.018594920

32 2 2 0.2471648 -0.021412113

62 2 3 0.2776153 -0.022661416

92 2 4 0.2770874 -0.015687994

122 2 5 0.2779115 -0.018420827

152 2 6 0.2813734 -0.018158740

3 3 1 0.2755675 -0.017176784

33 3 2 0.2608199 -0.032410941

timeBodyAccelerometer-mean()-Z timeBodyAccelerometer-std()-X timeBodyAccelerometer-std()-Y

1 -0.11114810 -0.283740259 0.114461337

31 -0.09730200 -0.354708025 -0.002320265

61 -0.10756619 0.030035338 -0.031935943

91 -0.10454418 -0.977229008 -0.922618642

121 -0.11060182 -0.995759902 -0.973190056

151 -0.11320355 -0.928056469 -0.836827406

2 -0.10550036 -0.423642838 -0.078091253

32 -0.15251390 -0.304376406 0.108027280

62 -0.11681294 0.046366681 0.262881789

92 -0.10921827 -0.986822280 -0.950704499

122 -0.10590854 -0.987271889 -0.957304989

152 -0.10724561 -0.974059465 -0.980277399

3 -0.11267486 -0.360356726 -0.069914065

33 -0.11006486 -0.313123438 0.011628081

timeBodyAccelerometer-std()-Z timeGravityAccelerometer-mean()-X timeGravityAccelerometer-mean()-Y

1 -0.26002790 0.9352232 -0.282165021

31 -0.01947924 0.8933511 -0.362153364

61 -0.23043421 0.9318744 -0.266610339

91 -0.93958629 0.8315099 0.204411593

121 -0.97977588 0.9429520 -0.272983832

151 -0.82606140 -0.2488818 0.705549773

2 -0.42525752 0.9130173 -0.346607090

32 -0.11212102 0.7907174 -0.416214890

62 -0.10283791 0.8618313 -0.325780101

92 -0.95982817 0.9404773 -0.105630024

122 -0.94974185 0.8969286 -0.370062697

152 -0.98423330 -0.5097542 0.752536639

3 -0.38741199 0.9365067 -0.261986358

33 -0.36975460 0.8835334 -0.382851154

timeGravityAccelerometer-mean()-Z timeGravityAccelerometer-std()-X timeGravityAccelerometer-std()-Y

1 -0.068102864 -0.9766096 -0.9713060

31 -0.075402940 -0.9563670 -0.9528492

61 -0.062119959 -0.9505598 -0.9370187

91 0.332043703 -0.9684571 -0.9355171

121 0.013490582 -0.9937630 -0.9812260

151 0.445817720 -0.8968300 -0.9077200

2 0.084727087 -0.9726932 -0.9721169

32 -0.195888239 -0.9344077 -0.9237675

62 -0.043889016 -0.9403618 -0.9400685

92 0.198726769 -0.9799888 -0.9567503

122 0.129747161 -0.9866858 -0.9741944

152 0.646834880 -0.9590144 -0.9882119

3 -0.138107866 -0.9777716 -0.9623556

33 -0.162943955 -0.9440408 -0.9098260

timeGravityAccelerometer-std()-Z timeBodyAccelerometerJerk-mean()-X timeBodyAccelerometerJerk-mean()-Y

1 -0.9477172 0.07404163 2.827211e-02

31 -0.9123794 0.10137273 1.948631e-02

61 -0.8959397 0.05415532 2.965045e-02

91 -0.9490409 0.07748252 -6.191028e-04

121 -0.9763241 0.07537665 7.975731e-03

151 -0.8523663 0.08108653 3.838204e-03

2 -0.9720728 0.06180807 1.824927e-02

32 -0.8780041 0.07445078 -9.709855e-03

62 -0.9314383 0.11004062 -3.279591e-03

92 -0.9544159 0.07225644 1.169545e-02

122 -0.9459271 0.07475886 1.032918e-02

152 -0.9842304 0.08259725 1.225479e-02

3 -0.9520918 0.08147459 1.005915e-02

33 -0.9094697 0.04268810 3.972493e-02

timeBodyAccelerometerJerk-mean()-Z timeBodyAccelerometerJerk-std()-X timeBodyAccelerometerJerk-std()-Y

1 -4.168406e-03 -0.113615602 0.067002501

31 -4.556254e-02 -0.446843888 -0.378274426

61 -1.097197e-02 -0.012283861 -0.101601391

91 -3.367792e-03 -0.986430711 -0.981371965

121 -3.685250e-03 -0.994604542 -0.985648732

151 1.083424e-02 -0.958482112 -0.924149274

2 7.895337e-03 -0.277530463 -0.016602236

32 1.948144e-02 -0.276121886 -0.185648954

62 -2.093517e-02 0.147249143 0.126828015

92 7.605469e-03 -0.988055854 -0.977983955

122 -8.371588e-03 -0.981085716 -0.971059440

152 -1.802649e-03 -0.985872169 -0.983172541

3 -5.622646e-03 -0.268679644 -0.044961959

33 2.082055e-02 -0.458364617 -0.251680365

timeBodyAccelerometerJerk-std()-Z timeBodyGyroscope-mean()-X timeBodyGyroscope-mean()-Y

1 -0.50269979 -0.0418309635 -0.069530046

31 -0.70659353 0.0505493798 -0.166170015

61 -0.34573503 -0.0350781903 -0.090937129

91 -0.98791080 -0.0453500565 -0.091924155

121 -0.99225118 -0.0239877348 -0.059397221

151 -0.95485511 -0.0165530940 -0.064486124

2 -0.58609042 -0.0530258157 -0.048238232

32 -0.57374635 -0.0576912635 -0.032088310

62 -0.34012202 -0.1159473529 -0.004823292

92 -0.98751821 -0.0454706620 -0.059928680

122 -0.98284145 -0.0238623876 -0.082039658

152 -0.98844201 -0.0184766067 -0.111800825

3 -0.52948612 -0.0256405193 -0.077915094

33 -0.70855171 0.0721980309 -0.139275406

timeBodyGyroscope-mean()-Z timeBodyGyroscope-std()-X timeBodyGyroscope-std()-Y timeBodyGyroscope-std()-Z

1 0.0849448173 -0.4735355 -0.054607769 -0.34426663

31 0.0583595464 -0.5448711 0.004105184 -0.50716867

61 0.0900850142 -0.4580305 -0.126349195 -0.12470245

91 0.0629313812 -0.9772113 -0.966473895 -0.94142592

121 0.0748007510 -0.9871919 -0.987734440 -0.98064563

151 0.1486894363 -0.8735439 -0.951090440 -0.90828466

2 0.0828336633 -0.5615503 -0.538453668 -0.48108554

32 0.0688374022 -0.4392531 -0.466298337 -0.16399579

62 0.0971738089 -0.3207892 -0.415739145 -0.27941839

92 0.0412277462 -0.9857420 -0.978919527 -0.95980371

122 0.0878351695 -0.9729986 -0.971441996 -0.96485670

152 0.1448828461 -0.9882752 -0.982291609 -0.96030656

3 0.0813485943 -0.5718696 -0.563793260 -0.47669641

33 0.0215603697 -0.4560393 -0.582742846 -0.49232731

timeBodyGyroscopeJerk-mean()-X timeBodyGyroscopeJerk-mean()-Y timeBodyGyroscopeJerk-mean()-Z

1 -0.08999754 -0.03984287 -0.046130930

31 -0.12223277 -0.04214859 -0.040712553

61 -0.07395920 -0.04399028 -0.027046106

91 -0.09367938 -0.04021181 -0.046702627

121 -0.09960921 -0.04406279 -0.048950547

151 -0.10727095 -0.04151729 -0.074050121

2 -0.08188334 -0.05382994 -0.051493916

32 -0.08288580 -0.04240537 -0.044515748

62 -0.05810385 -0.04214703 -0.071022982

92 -0.09363284 -0.04156020 -0.043585097

122 -0.10556216 -0.04224195 -0.054653948

152 -0.10197413 -0.03585902 -0.070178302

3 -0.09523982 -0.03878747 -0.050361610

33 -0.11551057 -0.04003725 -0.049818087

timeBodyGyroscopeJerk-std()-X timeBodyGyroscopeJerk-std()-Y timeBodyGyroscopeJerk-std()-Z

1 -0.20742185 -0.30446851 -0.404255453

31 -0.61478651 -0.60169666 -0.606332002

61 -0.48702734 -0.23882483 -0.268761480

91 -0.99173159 -0.98951807 -0.987935806

121 -0.99294511 -0.99513792 -0.992108467

151 -0.91860852 -0.96790724 -0.957790160

2 -0.38954983 -0.63414044 -0.435492677

32 -0.46485436 -0.64549134 -0.467595961

62 -0.24394059 -0.46939670 -0.218266319

92 -0.98970902 -0.99088961 -0.985542326

122 -0.97932400 -0.98344726 -0.973610118

152 -0.99323585 -0.98956754 -0.988035821

3 -0.38592299 -0.63908798 -0.536664080

33 -0.50727076 -0.77577414 -0.573433948

timeBodyAccelerometerMagnitude-mean() timeBodyAccelerometerMagnitude-std()

1 -0.1369711766 -0.21968865

31 -0.1299276307 -0.32497093

61 0.0271882914 0.01988435

91 -0.9485367862 -0.92707842

121 -0.9842782074 -0.98194293

151 -0.8419291525 -0.79514486

2 -0.2904075937 -0.42254417

32 -0.1073226795 -0.20597705

62 0.0899511205 0.21558633

92 -0.9678936239 -0.95308144

122 -0.9658751813 -0.95787497

152 -0.9774354852 -0.97287391

3 -0.2546903333 -0.32842894

33 -0.1840148950 -0.33359743

timeGravityAccelerometerMagnitude-mean() timeGravityAccelerometerMagnitude-std()

1 -0.1369711766 -0.21968865

31 -0.1299276307 -0.32497093

61 0.0271882914 0.01988435

91 -0.9485367862 -0.92707842

121 -0.9842782074 -0.98194293

151 -0.8419291525 -0.79514486

2 -0.2904075937 -0.42254417

32 -0.1073226795 -0.20597705

62 0.0899511205 0.21558633

92 -0.9678936239 -0.95308144

122 -0.9658751813 -0.95787497

152 -0.9774354852 -0.97287391

3 -0.2546903333 -0.32842894

33 -0.1840148950 -0.33359743

timeBodyAccelerometerJerkMagnitude-mean() timeBodyAccelerometerJerkMagnitude-std()

1 -0.141428809 -0.07447175

31 -0.466503446 -0.47899162

61 -0.089447481 -0.02578772

91 -0.987364196 -0.98412002

121 -0.992367791 -0.99309621

151 -0.954396265 -0.92824563

2 -0.281424154 -0.16415099

32 -0.321268911 -0.21738939

62 0.005655163 0.22961719

92 -0.986774713 -0.98447587

122 -0.980489077 -0.97667528

152 -0.987741696 -0.98551808

3 -0.280009317 -0.13991636

33 -0.436901159 -0.43902059

timeBodyGyroscopeMagnitude-mean() timeBodyGyroscopeMagnitude-std() timeBodyGyroscopeJerkMagnitude-mean()

1 -0.160979553 -0.18697836 -0.29870368

31 -0.126735590 -0.14861932 -0.59488287

61 -0.075741254 -0.22572437 -0.29546384

91 -0.930892490 -0.93453184 -0.99197634

121 -0.976493793 -0.97869003 -0.99496679

151 -0.874759548 -0.81901017 -0.96346103

2 -0.446549093 -0.55301992 -0.54791195

32 -0.219713473 -0.37753217 -0.57281644

62 -0.162188587 -0.27484411 -0.41087267

92 -0.946035087 -0.96131362 -0.99108149

122 -0.963466342 -0.95394338 -0.98395190

152 -0.950011570 -0.96116405 -0.99176707

3 -0.466411754 -0.56151068 -0.56613522

33 -0.347321812 -0.40888665 -0.65886140

timeBodyGyroscopeJerkMagnitude-std() frequencyBodyAccelerometer-mean()-X

1 -0.32532488 -0.20279431

31 -0.64855304 -0.40432178

61 -0.30651065 0.03822918

91 -0.98830873 -0.97964124

121 -0.99473324 -0.99524993

151 -0.93584098 -0.93909905

2 -0.55779815 -0.34604816

32 -0.59729172 -0.26672093

62 -0.34318788 0.11284116

92 -0.98959492 -0.98580384

122 -0.97720443 -0.98394674

152 -0.98971810 -0.97672506

3 -0.56737156 -0.31661401

33 -0.71802804 -0.39200421

frequencyBodyAccelerometer-mean()-Y frequencyBodyAccelerometer-mean()-Z

1 0.089712726 -0.33156012

31 -0.190976721 -0.43334970

61 0.001549908 -0.22557447

91 -0.944084550 -0.95918489

121 -0.977070848 -0.98529710

151 -0.867065205 -0.88266688

2 -0.021904810 -0.45380637

32 0.009924459 -0.28100199

62 0.278345042 -0.13129077

92 -0.957343498 -0.97016217

122 -0.959871697 -0.96247120

152 -0.979800878 -0.98438098

3 -0.081302435 -0.41237407

33 -0.078809416 -0.50449453

frequencyBodyAccelerometer-std()-X frequencyBodyAccelerometer-std()-Y frequencyBodyAccelerometer-std()-Z

1 -0.319134720 0.056040007 -0.27968675

31 -0.337428189 0.021769511 0.08595655

61 0.024330839 -0.112963740 -0.29792789

91 -0.976412313 -0.917275006 -0.93446956

121 -0.996028345 -0.972293102 -0.97793726

151 -0.924437435 -0.833625556 -0.81289156

2 -0.457651384 -0.169219686 -0.45522215

32 -0.320582414 0.084880279 -0.09454498

62 0.016104620 0.171973973 -0.16203289

92 -0.987362090 -0.950073754 -0.95686286

122 -0.989056470 -0.957908842 -0.94643358

152 -0.973246482 -0.981025106 -0.98479218

3 -0.379276781 -0.124030832 -0.42299847

33 -0.285333024 -0.008039875 -0.35079723

frequencyBodyAccelerometerJerk-mean()-X frequencyBodyAccelerometerJerk-mean()-Y

1 -0.170546965 -0.035225524

31 -0.479875246 -0.413444588

61 -0.027663868 -0.128667158

91 -0.986597023 -0.981579467

121 -0.994630797 -0.985418705

151 -0.957073884 -0.922462610

2 -0.304615323 -0.078764084

32 -0.258639440 -0.187842132

62 0.138120681 0.096209161

92 -0.987848794 -0.977139703

122 -0.980973242 -0.970851338

152 -0.985813631 -0.982768250

3 -0.304694443 -0.140508590

33 -0.478434306 -0.283772547

frequencyBodyAccelerometerJerk-mean()-Z frequencyBodyAccelerometerJerk-std()-X

1 -0.46899922 -0.133586606

31 -0.68547435 -0.461907026

61 -0.28833474 -0.086327897

91 -0.98605309 -0.987492994

121 -0.99075217 -0.995073759

151 -0.94806090 -0.964160709

2 -0.55495671 -0.314313063

32 -0.52272806 -0.365415441

62 -0.27149872 0.049959062

92 -0.98512905 -0.989459107

122 -0.97977515 -0.983007924

152 -0.98619713 -0.987250256

3 -0.51413726 -0.296596633

33 -0.67731453 -0.486446510

frequencyBodyAccelerometerJerk-std()-Y frequencyBodyAccelerometerJerk-std()-Z

1 0.106739857 -0.534713440

31 -0.381777065 -0.726040201

61 -0.134580009 -0.401721464

91 -0.982513910 -0.988339185

121 -0.987018227 -0.992349818

151 -0.932217870 -0.960586987

2 -0.015332952 -0.615898188

32 -0.243554147 -0.625090981

62 0.080833349 -0.408227423

92 -0.980804228 -0.988570804

122 -0.973520241 -0.984599905

152 -0.984987393 -0.989345369

3 -0.005614988 -0.543529108

33 -0.268191524 -0.738705864

frequencyBodyGyroscope-mean()-X frequencyBodyGyroscope-mean()-Y frequencyBodyGyroscope-mean()-Z

1 -0.33903220 -0.10305942 -0.25594094

31 -0.49261167 -0.31947461 -0.45359721

61 -0.35244963 -0.05570225 -0.03186943

91 -0.97616146 -0.97583859 -0.95131554

121 -0.98638679 -0.98898446 -0.98077312

151 -0.85024917 -0.95219149 -0.90930272

2 -0.42971354 -0.55477211 -0.39665991

32 -0.33164358 -0.48808612 -0.24860112

62 -0.14577597 -0.36191382 -0.08749447

92 -0.98262139 -0.98210092 -0.95981482

122 -0.96703711 -0.97257615 -0.96062770

152 -0.98643114 -0.98332164 -0.96267189

3 -0.43784576 -0.56152627 -0.41812622

33 -0.37821668 -0.63729351 -0.43150336

frequencyBodyGyroscope-std()-X frequencyBodyGyroscope-std()-Y frequencyBodyGyroscope-std()-Z

1 -0.5166919 -0.03350816 -0.43656223

31 -0.5658925 0.15153891 -0.57170784

61 -0.4954225 -0.18141473 -0.23844357

91 -0.9779042 -0.96234504 -0.94391784

121 -0.9874971 -0.98710773 -0.98234533

151 -0.8822965 -0.95123205 -0.91658251

2 -0.6040530 -0.53304695 -0.55985664

32 -0.4763588 -0.45975849 -0.21807247

62 -0.3794367 -0.45873275 -0.42298767

92 -0.9868085 -0.97735619 -0.96352266

122 -0.9749881 -0.97103605 -0.96975430

152 -0.9888607 -0.98191062 -0.96317422

3 -0.6151214 -0.56888867 -0.54589639

33 -0.4848210 -0.55604595 -0.56109765

frequencyBodyAccelerometerMagnitude-mean() frequencyBodyAccelerometerMagnitude-std()

1 -0.128623451 -0.3980325868

31 -0.352395945 -0.4162601015

61 0.096584534 -0.1865303011

91 -0.947782923 -0.9284448017

121 -0.985356361 -0.9823138047

151 -0.861767648 -0.7983009404

2 -0.324289428 -0.5771052117

32 -0.145318539 -0.3667282438

62 0.293424827 -0.0214787882

92 -0.961273748 -0.9555756022

122 -0.964052166 -0.9605193815

152 -0.975110196 -0.9751213879

3 -0.290031535 -0.4563730809

33 -0.315866079 -0.4479943692

frequencyBodyAccelerometerJerkMagnitude-mean() frequencyBodyAccelerometerJerkMagnitude-std()

1 -0.0571194000 -0.10349240

31 -0.4426521625 -0.53305985

61 0.0262184949 -0.10405226

91 -0.9852621268 -0.98160618

121 -0.9925424775 -0.99253600

151 -0.9333003608 -0.92180398

2 -0.1690643528 -0.16409197

32 -0.1895111369 -0.26042384

62 0.2222474096 0.22748073

92 -0.9838746989 -0.98412419

122 -0.9770652956 -0.97516046

152 -0.9853741148 -0.98456849

3 -0.1867645170 -0.08985199

33 -0.4129208985 -0.48060920

frequencyBodyGyroscopeMagnitude-mean() frequencyBodyGyroscopeMagnitude-std()

1 -0.1992525690 -0.32101795

31 -0.3259614574 -0.18298552

61 -0.1857202857 -0.39835039

91 -0.9584355894 -0.93219837

121 -0.9846176234 -0.97846607

151 -0.8621901854 -0.82431944

2 -0.5307048147 -0.65179284

32 -0.4506121848 -0.43862040

62 -0.3208385436 -0.37257676

92 -0.9718405961 -0.96138575

122 -0.9617759048 -0.95678873

152 -0.9721129727 -0.96109838

3 -0.5697557722 -0.63264329

33 -0.5142115837 -0.44518180

frequencyBodyGyroscopeJerkMagnitude-mean() frequencyBodyGyroscopeJerkMagnitude-std()

1 -0.31930859 -0.38160191

31 -0.63466508 -0.69393052

61 -0.28196336 -0.39191988

91 -0.98979755 -0.98704962

121 -0.99481538 -0.99467112

151 -0.94236695 -0.93266067

2 -0.58324929 -0.55810455

32 -0.60079850 -0.62182020

62 -0.38017531 -0.34369899

92 -0.98986195 -0.98963291

122 -0.97784983 -0.97775430

152 -0.99024870 -0.98949266

3 -0.60775165 -0.54908701

33 -0.71687778 -0.74003344

[ reached getOption("max.print") -- omitted 166 rows ]