

BT2022 | QUIZ II | JAN-MAY 2022 (20 Marks)

Consider the given dataset on an experiment with 10 samples (10 controls vs. 10 treatments).

Perform Student t-test on control vs. treatment of the given sample number at the given alpha value and obtain the respective calculated t value (2 marks), F test status (0 = null hypothesis is true, 1 = alternate hypothesis is true) (2 marks), low side of the difference of the population mean values (2 marks), high side of the difference of the population mean values (2 marks), error degrees of freedom (2 marks), t test status (0 = null hypothesis is true, 1 = alternate hypothesis is true) (2 marks).

Find out the lowest of t test p-values of these samples (2 marks), sample no having this lowest p-value (2 marks), number of samples showing t test alternate hypothesis true status at the given FWER upon applying the Bonferroni inequality scheme (4 marks).

AE18B004

alpha = 0.0456044

FWER = 0.327336

SAMPLE FOR TTEST : SAMPLE no. 9

SAMPLE 1

NORMAL

\$[4.12131]&\$[-11.0696]&\$[-8.85199]&\$[0.183748]&\$[2.98995]&

TREATED

\$[18.2308]&\$[-3.74943]&\$[-10.131]&\$[-2.99051]&\$[3.68986]&

SAMPLE 2

NORMAL

\$[-6.67704]&\$[-5.48258]&\$[3.31528]&\$[-13.3604]&\$[1.95806]&

TREATED

\$[2.36778]&\$[-6.55099]&\$[1.08208]&\$[6.46526]&\$[4.41481]&

SAMPLE 3

NORMAL

\$[1.09485]&\$[-4.23506]&\$[2.75228]&\$[1.27202]&\$[10.0134]&

TREATED

\$[4.91656]&\$[2.68889]&\$[4.6537]&\$[1.23814]&\$[11.5029]&

SAMPLE 4

NORMAL

\$[-9.30481]&\$[-5.14973]&\$[-0.106789]&\$[5.60229]&\$[15.2948]&

TREATED

\$[13.974]&\$[24.2581]&\$[1.86055]&\$[12.2482]&\$[9.43593]&

SAMPLE 5

NORMAL

\$[3.9091]&\$[-2.69784]&\$[8.2943]&\$[-6.18239]&\$[8.49984]&

TREATED

\$[-11.779]&\$[3.34209]&\$[8.04629]&\$[-2.36256]&\$[6.09421]&

SAMPLE 6

NORMAL

\$[7.43047]&\$[-2.58826]&\$[4.92349]&\$[13.4474]&\$[-15.0034]&

TREATED

\$[9.7911]&\$[-12.3457]&\$[-2.09597]&\$[12.2183]&\$[4.52221]&

SAMPLE 7

NORMAL

\$[12.5399]&\$[9.98366]&\$[-9.96054]&\$[13.701]&\$[-1.23778]&

TREATED

\$[-4.73576]&\$[1.20732]&\$[4.12942]&\$[-8.73789]&\$[-0.720723]&

SAMPLE 8

NORMAL

\$[7.33119]&\$[1.23576]&\$[5.44566]&\$[3.61753]&\$[1.21621]&

TREATED

\$[-2.82422]&\$[8.77027]&\$[-11.0136]&\$[6.15284]&\$[1.32907]&

SAMPLE 9

NORMAL

\$[-1.55316]&\$[-2.19867]&\$[-5.12176]&\$[-1.52771]&\$[-5.86918]&

TREATED

\$[4.30826]&\$[6.8094]&\$[3.58518]&\$[4.77486]&\$[3.10861]&

SAMPLE 10

NORMAL

\$[9.98824]&\$[9.11016]&\$[20.5806]&\$[2.65101]&\$[1.75646]&

TREATED

[\$[3.0694]&,\$[5.87276]&,\$[0.590729]&,\$[2.18325]&,\$[1.85067]&

AE18B005

alpha = 0.0162706

FWER = 0.237711

SAMPLE FOR TTEST : SAMPLE no. 4

SAMPLE 1

NORMAL

\$[1.89187]&,\$[-5.17761]&,\$[2.28057]&,\$[-3.88129]&,\$[-5.03894]&

TREATED

\$[12.3735]&,\$[-14.4162]&,\$[9.61214]&,\$[-7.37917]&,\$[2.59868]&

SAMPLE 2

NORMAL

\$[5.66331]&,\$[-2.57127]&,\$[-8.00352]&,\$[-0.671454]&,\$[-0.918612]&

TREATED

\$[13.9583]&,\$[15.9475]&,\$[0.778809]&,\$[6.21741]&,\$[9.02078]&

SAMPLE 3

NORMAL

\$[0.806752]&,\$[0.948547]&,\$[3.31508]&,\$[-0.172488]&,\$[3.96547]&

TREATED

\$[1.45224]&,\$[4.38507]&,\$[6.21744]&,\$[9.502]&,\$[-2.77571]&

SAMPLE 4

NORMAL

\$[-0.171007]&,\$[5.53745]&,\$[1.78663]&,\$[-0.0374702]&,\$[4.18197]&

TREATED

\$[18.4527]&,\$[3.10418]&,\$[-8.85827]&,\$[2.2652]&,\$[-11.9729]&

SAMPLE 5

NORMAL

\$[-1.58583]&,\$[10.5603]&,\$[-1.15115]&,\$[4.85875]&,\$[-2.2712]&

TREATED

\$[5.64048]&,\$[-0.0738622]&,\$[11.5763]&,\$[14.7516]&,\$[3.96999]&

SAMPLE 6

NORMAL

\$[-2.65642]&,\$[1.89849]&,\$[-0.352541]&,\$[1.79143]&,\$[-1.24885]&

TREATED

\$[5.87323]&,\$[2.90183]&,\$[4.9909]&,\$[1.47478]&,\$[7.93372]&

SAMPLE 7

NORMAL

\$[15.7463]&,\$[14.3522]&,\$[0.256071]&,\$[-12.0569]&,\$[-1.83565]&

TREATED

\$[18.7817]&,\$[0.929834]&,\$[8.09404]&,\$[7.94675]&,\$[-6.85998]&

SAMPLE 8

NORMAL

\$[11.4148]&,\$[1.51414]&,\$[-20.583]&,\$[3.68482]&,\$[-11.9217]&

TREATED

\$[3.78044]&,\$[2.63213]&,\$[7.2239]&,\$[-2.69058]&,\$[4.75801]&

SAMPLE 9

NORMAL

\$[-11.6395]&,\$[17.2476]&,\$[7.07195]&,\$[6.58356]&,\$[2.23299]&

TREATED

\$[3.69035]&,\$[14.5447]&,\$[-4.65505]&,\$[4.46395]&,\$[0.329041]&

SAMPLE 10

NORMAL

\$[-9.7413]&\$[-3.95834]&\$[3.82465]&\$[-5.74913]&\$[14.1542]&
TREATED
\$[10.5343]&\$[12.7958]&\$[10.9385]&\$[-7.51252]&\$[-7.96614]&

AE18B007

alpha = 0.0368053

FWER = 0.355462

SAMPLE FOR TTEST : SAMPLE no. 9

SAMPLE 1

NORMAL

\$[7.49501]&\$[5.71078]&\$[-3.69218]&\$[6.72992]&\$[-7.47752]&
TREATED

\$[-0.266779]&\$[12.1218]&\$[-0.748466]&\$[3.04879]&\$[9.49598]&
SAMPLE 2

NORMAL

\$[4.43942]&\$[0.8239]&\$[2.45409]&\$[3.96142]&\$[4.78337]&
TREATED

\$[10.0834]&\$[-6.68846]&\$[-11.3507]&\$[-0.799381]&\$[-8.3196]&
SAMPLE 3

NORMAL

\$[9.32683]&\$[5.81252]&\$[-4.10026]&\$[7.87452]&\$[10.0451]&
TREATED

\$[6.8904]&\$[-7.51801]&\$[7.05036]&\$[14.2708]&\$[0.684122]&
SAMPLE 4

NORMAL

\$[-12.7562]&\$[10.2055]&\$[-0.637548]&\$[-1.64805]&\$[-7.46046]&
TREATED

\$[10.337]&\$[11.2301]&\$[5.95206]&\$[-4.27539]&\$[-1.28643]&
SAMPLE 5

NORMAL

\$[2.3169]&\$[4.58697]&\$[3.77105]&\$[2.75333]&\$[-0.606079]&
TREATED

\$[7.08247]&\$[-12.9558]&\$[-7.86921]&\$[6.64875]&\$[-0.171747]&
SAMPLE 6

NORMAL

\$[-6.3544]&\$[-1.56676]&\$[2.76166]&\$[3.6782]&\$[-3.46812]&
TREATED

\$[6.18004]&\$[20.2667]&\$[9.09421]&\$[-1.36013]&\$[15.8381]&
SAMPLE 7

NORMAL

\$[1.21618]&\$[10.7737]&\$[-7.31962]&\$[-17.5521]&\$[-9.00064]&
TREATED

\$[0.0723622]&\$[-3.56091]&\$[9.05049]&\$[4.31674]&\$[8.82085]&
SAMPLE 8

NORMAL

\$[-19.0555]&\$[14.8249]&\$[-10.9984]&\$[-7.1571]&\$[-16.1121]&
TREATED

\$[-1.81368]&\$[13.336]&\$[1.22156]&\$[-6.38602]&\$[-2.13411]&
SAMPLE 9

NORMAL

\$[9.56345]&\$[5.86132]&\$[-11.6502]&\$[1.16552]&\$[1.18452]&
TREATED

\$[-6.45932]&\$[1.44169]&\$[15.7333]&\$[20.6234]&\$[-1.99467]&

SAMPLE 10

NORMAL

\$[-6.10767]&\$[-0.883701]&\$[-4.03601]&\$[9.06654]&\$[-13.5888]&

TREATED

\$[6.44496]&\$[7.34336]&\$[-10.8548]&\$[0.969628]&\$[-1.09556]&

AE18B008

alpha = 0.0461815

FWER = 0.374014

SAMPLE FOR TTEST : SAMPLE no. 3

SAMPLE 1

NORMAL

\$[2.32469]&\$[-2.24631]&\$[-2.91401]&\$[2.97673]&\$[-3.20226]&

TREATED

\$[2.77049]&\$[-4.54956]&\$[1.02797]&\$[14.4136]&\$[5.69076]&

SAMPLE 2

NORMAL

\$[6.15949]&\$[14.2496]&\$[-11.7734]&\$[5.05183]&\$[3.4216]&

TREATED

\$[-0.571128]&\$[10.8983]&\$[7.24512]&\$[-6.48761]&\$[-5.02569]&

SAMPLE 3

NORMAL

\$[1.11753]&\$[-0.227503]&\$[7.36195]&\$[-4.35913]&\$[-0.427467]&

TREATED

\$[-8.90559]&\$[-4.75265]&\$[-4.16972]&\$[16.8484]&\$[5.10513]&

SAMPLE 4

NORMAL

\$[-6.41419]&\$[-1.06281]&\$[7.71364]&\$[-3.34071]&\$[18.83]&

TREATED

\$[9.90576]&\$[0.966262]&\$[-7.71464]&\$[3.14064]&\$[-2.73659]&

SAMPLE 5

NORMAL

\$[7.30611]&\$[-2.7613]&\$[7.7591]&\$[4.39261]&\$[0.904793]&

TREATED

\$[-2.45264]&\$[-6.954]&\$[-9.53806]&\$[-3.50145]&\$[0.819868]&

SAMPLE 6

NORMAL

\$[13.5323]&\$[8.05001]&\$[-3.85626]&\$[-0.911339]&\$[3.22141]&

TREATED

\$[5.73559]&\$[6.71865]&\$[2.60747]&\$[3.46725]&\$[-2.41638]&

SAMPLE 7

NORMAL

\$[-6.62731]&\$[-0.0849821]&\$[11.6219]&\$[3.67543]&\$[13.7425]&

TREATED

\$[2.3164]&\$[1.73417]&\$[-2.40724]&\$[18.7277]&\$[9.8604]&

SAMPLE 8

NORMAL

\$[-6.31888]&\$[21.7244]&\$[6.71082]&\$[5.71968]&\$[8.48871]&

TREATED

\$[3.28475]&\$[3.98518]&\$[-6.18783]&\$[4.66799]&\$[-1.49057]&

SAMPLE 9

NORMAL

\$[1.93337]&\$[35.7422]&\$[-2.40514]&\$[8.71814]&\$[1.94217]&

TREATED
\$[-0.516175]&\$[10.1887]&\$[1.12013]&\$[1.64206]&\$[0.430403]&
SAMPLE 10
NORMAL
\$[8.13346]&\$[5.28389]&\$[-13.4066]&\$[-7.566]&\$[6.23523]&
TREATED
\$[2.80296]&\$[0.0964073]&\$[6.63979]&\$[8.31093]&\$[0.913599]&

AE18B018
alpha = 0.0454985
FWER = 0.259139
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[2.34641]&\$[5.55684]&\$[6.90007]&\$[14.8908]&\$[-3.07554]&
TREATED
\$[1.39681]&\$[5.90778]&\$[3.11776]&\$[5.45171]&\$[4.23158]&
SAMPLE 2
NORMAL
\$[6.14887]&\$[3.3586]&\$[4.00357]&\$[5.01511]&\$[4.70942]&
TREATED
\$[-1.5022]&\$[1.67141]&\$[4.51253]&\$[-2.70915]&\$[12.8117]&
SAMPLE 3
NORMAL
\$[2.90554]&\$[1.32357]&\$[0.865919]&\$[0.215067]&\$[1.16592]&
TREATED
\$[21.2426]&\$[7.64726]&\$[10.7623]&\$[13.2311]&\$[-2.28164]&
SAMPLE 4
NORMAL
\$[12.2401]&\$[6.13803]&\$[-8.22587]&\$[-12.2523]&\$[21.3198]&
TREATED
\$[4.41059]&\$[4.13766]&\$[2.81652]&\$[6.69019]&\$[6.68349]&
SAMPLE 5
NORMAL
\$[3.8681]&\$[2.213]&\$[21.3076]&\$[30.2538]&\$[-9.64352]&
TREATED
\$[5.49466]&\$[2.80416]&\$[6.16164]&\$[4.152]&\$[1.44576]&
SAMPLE 6
NORMAL
\$[-3.04202]&\$[1.75987]&\$[6.51979]&\$[-4.57282]&\$[3.54541]&
TREATED
\$[10.5251]&\$[3.63545]&\$[0.361803]&\$[6.90166]&\$[-5.56959]&
SAMPLE 7
NORMAL
\$[-1.12346]&\$[-2.29983]&\$[0.783073]&\$[3.3711]&\$[-5.14586]&
TREATED
\$[5.81367]&\$[4.77106]&\$[7.98059]&\$[5.2666]&\$[12.1343]&
SAMPLE 8
NORMAL
\$[3.94245]&\$[2.15139]&\$[4.23328]&\$[2.97222]&\$[5.00266]&
TREATED
\$[9.10326]&\$[0.990012]&\$[-0.280592]&\$[-1.97154]&\$[1.82435]&
SAMPLE 9

NORMAL
\$[-5.20614]&\$[0.822473]&\$[-0.746022]&\$[-2.71754]&\$[3.00064]&
TREATED
\$[4.10413]&\$[-2.1184]&\$[-3.50915]&\$[-1.26505]&\$[-4.84285]&
SAMPLE 10
NORMAL
\$[5.89481]&\$[0.820827]&\$[3.17488]&\$[11.4023]&\$[-7.33531]&
TREATED
\$[-2.38127]&\$[10.2684]&\$[0.0531158]&\$[10.1615]&\$[6.18737]&

AE18B022
alpha = 0.0024617
FWER = 0.207664
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[-0.845953]&\$[6.54114]&\$[0.599223]&\$[-1.53523]&\$[9.04992]&
TREATED
\$[0.412195]&\$[1.08484]&\$[1.31555]&\$[-1.97815]&\$[2.20601]&
SAMPLE 2
NORMAL
\$[14.1955]&\$[2.55685]&\$[7.97938]&\$[8.05149]&\$[6.36239]&
TREATED
\$[3.29231]&\$[3.54026]&\$[9.44142]&\$[3.48214]&\$[1.8456]&
SAMPLE 3
NORMAL
\$[-2.34731]&\$[-14.4747]&\$[4.31212]&\$[-7.45185]&\$[5.30135]&
TREATED
\$[3.53755]&\$[-0.0413635]&\$[1.07788]&\$[6.41675]&\$[-3.1511]&
SAMPLE 4
NORMAL
\$[7.90165]&\$[0.716914]&\$[10.3704]&\$[7.14628]&\$[-1.03393]&
TREATED
\$[-7.49824]&\$[11.4383]&\$[3.85488]&\$[10.5893]&\$[-11.907]&
SAMPLE 5
NORMAL
\$[-3.32132]&\$[0.753693]&\$[-9.74557]&\$[-10.1552]&\$[11.562]&
TREATED
\$[1.3225]&\$[7.76995]&\$[1.30574]&\$[0.246996]&\$[0.797892]&
SAMPLE 6
NORMAL
\$[1.42348]&\$[-6.72795]&\$[2.55976]&\$[1.28719]&\$[0.69218]&
TREATED
\$[1.72479]&\$[5.4709]&\$[1.68]&\$[3.04623]&\$[2.54339]&
SAMPLE 7
NORMAL
\$[-0.725417]&\$[4.12042]&\$[11.3811]&\$[-1.43254]&\$[-6.10269]&
TREATED
\$[9.24224]&\$[2.67558]&\$[7.03419]&\$[2.6004]&\$[-10.5372]&
SAMPLE 8
NORMAL
\$[1.18391]&\$[-3.08943]&\$[3.85534]&\$[3.36499]&\$[12.7038]&
TREATED

\$[17.455]&\$[-3.17123]&\$[15.0423]&\$[10.8758]&\$[-0.765307]&
SAMPLE 9
NORMAL
\$[13.2275]&\$[-0.811016]&\$[-3.66251]&\$[9.67911]&\$[14.7428]&
TREATED
\$[15.9898]&\$[7.68923]&\$[5.72304]&\$[12.7231]&\$[6.8966]&
SAMPLE 10
NORMAL
\$[14.2095]&\$[9.06402]&\$[-2.50692]&\$[-1.33152]&\$[-3.55906]&
TREATED
\$[14.7297]&\$[-1.55486]&\$[3.44937]&\$[3.89077]&\$[5.35056]&

AE18B026
alpha = 0.0353653
FWER = 0.25961
SAMPLE FOR TTEST : SAMPLE no. 9

SAMPLE 1
NORMAL
\$[9.70224]&\$[5.81472]&\$[6.23643]&\$[-4.08499]&\$[3.10563]&
TREATED
\$[4.17893]&\$[4.85434]&\$[9.54353]&\$[2.3212]&\$[-5.42903]&
SAMPLE 2
NORMAL
\$[14.1809]&\$[1.73945]&\$[7.80887]&\$[-7.17693]&\$[5.066]&
TREATED
\$[-15.459]&\$[-3.87496]&\$[-2.98141]&\$[6.97506]&\$[2.38692]&
SAMPLE 3
NORMAL
\$[3.97786]&\$[-5.29871]&\$[9.54758]&\$[3.17172]&\$[1.49615]&
TREATED
\$[-0.372035]&\$[3.84714]&\$[2.09233]&\$[-1.77766]&\$[-6.37423]&
SAMPLE 4
NORMAL
\$[19.8687]&\$[4.05948]&\$[7.90126]&\$[-6.53213]&\$[4.32836]&
TREATED
\$[2.58747]&\$[3.60878]&\$[4.6394]&\$[0.855507]&\$[1.02994]&
SAMPLE 5
NORMAL
\$[-3.55506]&\$[-2.09155]&\$[0.277724]&\$[19.8929]&\$[0.059407]&
TREATED
\$[0.338601]&\$[2.93643]&\$[-15.2146]&\$[-7.14827]&\$[5.64915]&
SAMPLE 6
NORMAL
\$[0.125448]&\$[4.73479]&\$[1.98064]&\$[3.71089]&\$[2.96226]&
TREATED
\$[3.10379]&\$[2.22837]&\$[4.18731]&\$[3.84658]&\$[2.47955]&
SAMPLE 7
NORMAL
\$[3.64614]&\$[-2.90815]&\$[4.30651]&\$[-4.67329]&\$[10.2634]&
TREATED
\$[15.7059]&\$[9.19199]&\$[18.3063]&\$[1.43975]&\$[-9.7137]&
SAMPLE 8
NORMAL

\$[-5.38216]&,\$[0.133123]&,\$[6.75342]&,\$[-11.3475]&,\$[10.7972]&
TREATED
\$[2.94816]&,\$[3.16844]&,\$[0.722306]&,\$[2.47153]&,\$[0.129582]&
SAMPLE 9
NORMAL
\$[4.16638]&,\$[4.9225]&,\$[-1.07924]&,\$[13.159]&,\$[14.1708]&
TREATED
\$[-1.01342]&,\$[7.26563]&,\$[1.02921]&,\$[0.00232864]&,\$[-4.4284]&
SAMPLE 10
NORMAL
\$[-7.18662]&,\$[4.00393]&,\$[9.33531]&,\$[-2.4637]&,\$[6.31293]&
TREATED
\$[-0.188777]&,\$[0.333321]&,\$[-1.20178]&,\$[-12.1069]&,\$[-15.0986]&

AE18B030
alpha = 0.0117792
FWER = 0.303508
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[18.5543]&,\$[-8.10729]&,\$[5.04624]&,\$[-0.463211]&,\$[-10.0256]&
TREATED
\$[5.5113]&,\$[-5.81653]&,\$[0.927146]&,\$[10.1055]&,\$[-12.5907]&
SAMPLE 2
NORMAL
\$[-1.01424]&,\$[-1.74258]&,\$[0.645152]&,\$[1.72717]&,\$[-0.0654887]&
TREATED
\$[3.36249]&,\$[-2.37838]&,\$[2.79698]&,\$[6.59203]&,\$[1.77594]&
SAMPLE 3
NORMAL
\$[0.0093822]&,\$[9.70507]&,\$[9.61707]&,\$[19.2258]&,\$[10.2102]&
TREATED
\$[-13.5886]&,\$[-6.47596]&,\$[-4.5877]&,\$[-10.4007]&,\$[-11.4177]&
SAMPLE 4
NORMAL
\$[4.03191]&,\$[4.95458]&,\$[1.82517]&,\$[-2.05988]&,\$[-8.74042]&
TREATED
\$[7.07566]&,\$[11.2807]&,\$[9.52994]&,\$[12.1806]&,\$[-1.5592]&
SAMPLE 5
NORMAL
\$[1.58053]&,\$[-3.15448]&,\$[-1.63042]&,\$[-2.90892]&,\$[5.52522]&
TREATED
\$[-1.19302]&,\$[5.85656]&,\$[12.6794]&,\$[4.47347]&,\$[-11.3993]&
SAMPLE 6
NORMAL
\$[1.38173]&,\$[11.1036]&,\$[5.36343]&,\$[14.39]&,\$[-0.824732]&
TREATED
\$[0.400499]&,\$[0.958554]&,\$[1.42658]&,\$[-4.32312]&,\$[5.05417]&
SAMPLE 7
NORMAL
\$[5.43065]&,\$[2.4615]&,\$[-9.6862]&,\$[-0.543048]&,\$[1.42474]&
TREATED
\$[9.46251]&,\$[4.53921]&,\$[-1.75612]&,\$[1.35237]&,\$[5.48055]&

SAMPLE 8
NORMAL
\$[-8.59853]&\$[17.4842]&\$[7.53613]&\$[-5.00089]&\$[-9.0436]&
TREATED
\$[-9.98763]&\$[10.6475]&\$[10.3853]&\$[4.83217]&\$[6.77525]&
SAMPLE 9
NORMAL
\$[-4.0413]&\$[-0.420178]&\$[-1.41684]&\$[3.66205]&\$[-7.79872]&
TREATED
\$[-2.51032]&\$[9.58163]&\$[4.33624]&\$[6.78985]&\$[9.24576]&
SAMPLE 10
NORMAL
\$[12.0934]&\$[4.0603]&\$[3.56463]&\$[-2.69113]&\$[-6.04246]&
TREATED
\$[9.38572]&\$[-0.898732]&\$[4.19775]&\$[-0.84146]&\$[-1.84473]&

AE18B032
alpha = 0.00854959
FWER = 0.249907
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[1.16618]&\$[-1.01326]&\$[1.04005]&\$[-0.488621]&\$[0.4198]&
TREATED
\$[14.4017]&\$[5.47793]&\$[10.9805]&\$[13.1181]&\$[19.4518]&
SAMPLE 2
NORMAL
\$[19.2527]&\$[-6.34842]&\$[3.54807]&\$[13.3655]&\$[-21.4823]&
TREATED
\$[-16.3518]&\$[-0.127382]&\$[14.0061]&\$[-4.87215]&\$[-1.87661]&
SAMPLE 3
NORMAL
\$[-5.02805]&\$[-3.26008]&\$[-2.80734]&\$[16.2068]&\$[-12.0401]&
TREATED
\$[1.0476]&\$[4.13409]&\$[-0.84646]&\$[1.25368]&\$[-1.05612]&
SAMPLE 4
NORMAL
\$[5.11356]&\$[12.3315]&\$[7.19594]&\$[0.637146]&\$[7.45008]&
TREATED
\$[10.569]&\$[7.67912]&\$[-0.10165]&\$[-4.17004]&\$[4.87749]&
SAMPLE 5
NORMAL
\$[-2.30991]&\$[10.7831]&\$[-4.68334]&\$[-7.00403]&\$[-5.12011]&
TREATED
\$[-29.8096]&\$[-4.46824]&\$[-9.61143]&\$[-5.13148]&\$[0.130179]&
SAMPLE 6
NORMAL
\$[7.92254]&\$[3.7595]&\$[11.7645]&\$[14.1637]&\$[-0.205712]&
TREATED
\$[1.52262]&\$[-2.51039]&\$[11.4394]&\$[0.8793]&\$[8.54643]&
SAMPLE 7
NORMAL
\$[11.0016]&\$[-8.68213]&\$[17.1573]&\$[4.49738]&\$[6.44095]&

TREATED
\$[3.49627]&\$[27.2371]&\$[17.0925]&\$[-6.8482]&\$[-3.88872]&
SAMPLE 8
NORMAL
\$[-1.88851]&\$[4.05895]&\$[4.44885]&\$[7.82593]&\$[-4.3334]&
TREATED
\$[2.99361]&\$[8.41639]&\$[2.04604]&\$[-7.55055]&\$[-11.5956]&
SAMPLE 9
NORMAL
\$[-0.236722]&\$[-1.67972]&\$[3.53444]&\$[0.043559]&\$[0.158092]&
TREATED
\$[-2.08847]&\$[-5.6737]&\$[-0.310832]&\$[5.99228]&\$[1.84324]&
SAMPLE 10
NORMAL
\$[-1.54992]&\$[-16.9348]&\$[17.6765]&\$[1.42371]&\$[7.52436]&
TREATED
\$[0.952049]&\$[0.73292]&\$[-8.46433]&\$[-0.933178]&\$[-2.0378]&

AE18B033
alpha = 0.0302403
FWER = 0.384282
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[11.0881]&\$[10.5113]&\$[2.09683]&\$[-2.54843]&\$[3.81682]&
TREATED
\$[7.32341]&\$[0.171254]&\$[5.83256]&\$[7.96567]&\$[-6.1955]&
SAMPLE 2
NORMAL
\$[2.83428]&\$[5.01185]&\$[0.762849]&\$[-2.21873]&\$[0.281875]&
TREATED
\$[-8.20815]&\$[-5.33562]&\$[7.97762]&\$[8.869]&\$[3.54883]&
SAMPLE 3
NORMAL
\$[4.33366]&\$[-1.63435]&\$[4.67417]&\$[12.6856]&\$[7.41992]&
TREATED
\$[5.25727]&\$[4.32274]&\$[8.38535]&\$[9.1043]&\$[7.74912]&
SAMPLE 4
NORMAL
\$[10.5695]&\$[4.56979]&\$[5.09859]&\$[0.779303]&\$[11.2251]&
TREATED
\$[3.24919]&\$[-5.61476]&\$[3.11771]&\$[7.6874]&\$[11.9405]&
SAMPLE 5
NORMAL
\$[1.08647]&\$[-2.72473]&\$[1.20135]&\$[-0.266768]&\$[1.56022]&
TREATED
\$[-12.6603]&\$[12.0226]&\$[18.4616]&\$[9.74059]&\$[10.0497]&
SAMPLE 6
NORMAL
\$[10.4028]&\$[-4.40804]&\$[-0.283343]&\$[3.80466]&\$[1.38594]&
TREATED
\$[-1.53737]&\$[2.76561]&\$[3.42947]&\$[-11.0926]&\$[-8.02052]&
SAMPLE 7

NORMAL
\$[0.81712]&\$[7.37253]&\$[4.83292]&\$[-2.30667]&\$[-0.122679]&
TREATED
\$[3.59309]&\$[2.85676]&\$[3.49751]&\$[5.24744]&\$[3.60043]&
SAMPLE 8
NORMAL
\$[4.98396]&\$[2.91232]&\$[7.93468]&\$[7.47552]&\$[-1.43978]&
TREATED
\$[-3.89712]&\$[-2.85293]&\$[1.28746]&\$[6.9534]&\$[10.3305]&
SAMPLE 9
NORMAL
\$[2.24122]&\$[-2.29126]&\$[1.85817]&\$[-3.54073]&\$[6.37492]&
TREATED
\$[15.4591]&\$[-13.5412]&\$[-7.99364]&\$[-7.57144]&\$[-17.3038]&
SAMPLE 10
NORMAL
\$[3.79334]&\$[-1.14543]&\$[4.13063]&\$[4.05984]&\$[4.15437]&
TREATED
\$[8.44886]&\$[7.13801]&\$[3.72014]&\$[5.03063]&\$[11.3296]&

AE18B043
alpha = 0.0066615
FWER = 0.215195
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[3.90855]&\$[6.07826]&\$[10.3569]&\$[5.55633]&\$[4.76359]&
TREATED
\$[4.1197]&\$[1.60485]&\$[-11.8615]&\$[9.42342]&\$[4.36764]&
SAMPLE 2
NORMAL
\$[7.38507]&\$[9.52833]&\$[5.28437]&\$[-1.38981]&\$[4.79173]&
TREATED
\$[-11.5156]&\$[-10.2361]&\$[6.02249]&\$[-12.6604]&\$[6.98971]&
SAMPLE 3
NORMAL
\$[6.7593]&\$[2.46816]&\$[1.31553]&\$[-2.19109]&\$[2.84532]&
TREATED
\$[6.26966]&\$[5.28321]&\$[0.128658]&\$[7.27853]&\$[1.87591]&
SAMPLE 4
NORMAL
\$[-2.08975]&\$[-5.2259]&\$[0.39394]&\$[-8.10272]&\$[-6.7461]&
TREATED
\$[-1.79628]&\$[7.32902]&\$[12.205]&\$[7.91995]&\$[4.45515]&
SAMPLE 5
NORMAL
\$[11.1136]&\$[6.66605]&\$[13.5953]&\$[3.70613]&\$[-5.12834]&
TREATED
\$[-3.44042]&\$[-1.45287]&\$[6.93196]&\$[-4.21263]&\$[1.42315]&
SAMPLE 6
NORMAL
\$[4.62589]&\$[-8.90914]&\$[13.2768]&\$[2.38928]&\$[-3.81841]&
TREATED

\$[26.4317]&\$[-4.42428]&\$[5.4775]&\$[2.04257]&\$[13.051]&
SAMPLE 7
NORMAL
\$[3.43395]&\$[-5.80909]&\$[-0.586234]&\$[9.17375]&\$[-0.688606]&
TREATED
\$[-3.24543]&\$[-0.484182]&\$[2.04479]&\$[-0.51994]&\$[2.62779]&
SAMPLE 8
NORMAL
\$[5.95324]&\$[5.63902]&\$[6.20257]&\$[3.51756]&\$[5.09698]&
TREATED
\$[-1.6964]&\$[-3.86893]&\$[4.61174]&\$[-0.84243]&\$[11.1722]&
SAMPLE 9
NORMAL
\$[-5.2607]&\$[4.08657]&\$[-5.22086]&\$[4.46573]&\$[7.22475]&
TREATED
\$[13.1026]&\$[1.7024]&\$[10.6762]&\$[4.86622]&\$[1.03182]&
SAMPLE 10
NORMAL
\$[3.01339]&\$[2.3263]&\$[2.04093]&\$[-2.47539]&\$[-1.53619]&
TREATED
\$[8.28245]&\$[19.7986]&\$[5.73561]&\$[-2.1539]&\$[9.66385]&

AE18B044
alpha = 0.0386592
FWER = 0.378016
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[1.32059]&\$[-3.20847]&\$[-2.48859]&\$[0.13896]&\$[0.241422]&
TREATED
\$[2.36807]&\$[9.55507]&\$[3.63335]&\$[0.805975]&\$[2.05043]&
SAMPLE 2
NORMAL
\$[-0.821547]&\$[-1.3678]&\$[0.191776]&\$[-9.89972]&\$[3.66701]&
TREATED
\$[9.3886]&\$[-3.57889]&\$[-6.54485]&\$[9.3994]&\$[8.26289]&
SAMPLE 3
NORMAL
\$[-5.42319]&\$[-11.5599]&\$[-9.06648]&\$[-1.22129]&\$[5.16757]&
TREATED
\$[9.88951]&\$[5.78221]&\$[-1.63145]&\$[3.20946]&\$[7.161]&
SAMPLE 4
NORMAL
\$[-0.29208]&\$[-1.50841]&\$[-10.2669]&\$[0.720982]&\$[0.698869]&
TREATED
\$[1.91829]&\$[-3.02349]&\$[-8.86582]&\$[-5.23439]&\$[4.86999]&
SAMPLE 5
NORMAL
\$[-1.82863]&\$[8.69234]&\$[3.72674]&\$[6.50687]&\$[-2.84205]&
TREATED
\$[2.74309]&\$[7.55494]&\$[10.1982]&\$[6.68761]&\$[0.37466]&
SAMPLE 6
NORMAL

\$[-4.80552]&,\$[3.728]&,\$[6.83126]&,\$[18.9635]&,\$[3.45021]&
TREATED
\$[-2.87047]&,\$[-5.26456]&,\$[4.93047]&,\$[-2.89009]&,\$[-1.84383]&
SAMPLE 7
NORMAL
\$[-6.07072]&,\$[-8.15043]&,\$[5.60032]&,\$[0.868821]&,\$[-4.40021]&
TREATED
\$[-1.88107]&,\$[-5.04718]&,\$[-1.71855]&,\$[-8.02652]&,\$[1.84036]&
SAMPLE 8
NORMAL
\$[-1.93486]&,\$[8.74283]&,\$[3.84744]&,\$[4.41058]&,\$[-2.32584]&
TREATED
\$[16.0341]&,\$[16.1259]&,\$[2.21413]&,\$[4.03155]&,\$[14.7667]&
SAMPLE 9
NORMAL
\$[13.7119]&,\$[1.72589]&,\$[2.49682]&,\$[5.66165]&,\$[-5.37751]&
TREATED
\$[6.95682]&,\$[-1.66161]&,\$[2.79153]&,\$[4.46913]&,\$[13.4258]&
SAMPLE 10
NORMAL
\$[17.3284]&,\$[-6.97745]&,\$[4.63464]&,\$[15.6307]&,\$[18.4552]&
TREATED
\$[12.4072]&,\$[-4.15651]&,\$[-1.56064]&,\$[1.12669]&,\$[0.277745]&

AE18B105
alpha = 0.0274861
FWER = 0.209891
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[0.233545]&,\$[1.56203]&,\$[-1.37411]&,\$[-5.7845]&,\$[-0.401895]&
TREATED
\$[0.465658]&,\$[10.4939]&,\$[-8.33636]&,\$[18.354]&,\$[8.94733]&
SAMPLE 2
NORMAL
\$[6.05796]&,\$[2.53243]&,\$[-1.74925]&,\$[7.00895]&,\$[11.8984]&
TREATED
\$[-2.19594]&,\$[-4.17247]&,\$[6.64934]&,\$[5.29264]&,\$[3.23088]&
SAMPLE 3
NORMAL
\$[5.40601]&,\$[-9.88449]&,\$[1.04451]&,\$[-3.11851]&,\$[2.40619]&
TREATED
\$[-3.40086]&,\$[-3.93077]&,\$[0.829835]&,\$[-0.55935]&,\$[1.11675]&
SAMPLE 4
NORMAL
\$[-1.50188]&,\$[-4.32186]&,\$[-4.73182]&,\$[9.8964]&,\$[4.18652]&
TREATED
\$[-0.47088]&,\$[7.53803]&,\$[-5.56542]&,\$[17.2216]&,\$[0.809012]&
SAMPLE 5
NORMAL
\$[-0.828163]&,\$[-0.56639]&,\$[-0.382618]&,\$[-2.59369]&,\$[1.55574]&
TREATED
\$[3.47822]&,\$[9.26536]&,\$[1.02756]&,\$[-4.32941]&,\$[-2.64182]&

SAMPLE 6
NORMAL
\$[0.0275594]&,\$[3.96218]&,\$[5.42152]&,\$[-8.17321]&,\$[-8.1346]&
TREATED
\$[2.30548]&,\$[-10.0143]&,\$[10.8617]&,\$[-1.58399]&,\$[13.6247]&
SAMPLE 7
NORMAL
\$[-7.15757]&,\$[-13.4356]&,\$[-15.5487]&,\$[7.63927]&,\$[1.62671]&
TREATED
\$[-1.9446]&,\$[1.2045]&,\$[-1.41355]&,\$[-2.42983]&,\$[0.680558]&
SAMPLE 8
NORMAL
\$[1.90876]&,\$[-2.94651]&,\$[9.61165]&,\$[-12.5069]&,\$[-3.97472]&
TREATED
\$[-0.91151]&,\$[11.5868]&,\$[12.194]&,\$[-6.79743]&,\$[-3.12394]&
SAMPLE 9
NORMAL
\$[4.35174]&,\$[5.06705]&,\$[4.92542]&,\$[5.33968]&,\$[4.34746]&
TREATED
\$[19.1901]&,\$[-1.05674]&,\$[0.548292]&,\$[12.1443]&,\$[18.6238]&
SAMPLE 10
NORMAL
\$[1.95416]&,\$[6.17221]&,\$[12.15]&,\$[-5.27032]&,\$[9.4137]&
TREATED
\$[-1.45348]&,\$[-0.52211]&,\$[1.09254]&,\$[0.31201]&,\$[-3.84723]&

BE17B010
alpha = 0.0147844
FWER = 0.322991
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[4.23437]&,\$[5.49669]&,\$[1.08901]&,\$[4.59799]&,\$[2.43222]&
TREATED
\$[1.66273]&,\$[1.30568]&,\$[-4.21444]&,\$[-0.0287468]&,\$[-0.418725]&
SAMPLE 2
NORMAL
\$[-12.5504]&,\$[0.787423]&,\$[12.606]&,\$[9.2806]&,\$[0.553648]&
TREATED
\$[4.55425]&,\$[-0.018852]&,\$[2.33911]&,\$[4.66511]&,\$[-0.877977]&
SAMPLE 3
NORMAL
\$[8.47696]&,\$[-11.5102]&,\$[0.127245]&,\$[-9.17386]&,\$[-8.12963]&
TREATED
\$[-1.43499]&,\$[-5.5774]&,\$[-4.07117]&,\$[12.9556]&,\$[12.6225]&
SAMPLE 4
NORMAL
\$[15.798]&,\$[10.6011]&,\$[-5.00443]&,\$[17.5776]&,\$[10.0947]&
TREATED
\$[4.66702]&,\$[8.9118]&,\$[-7.3543]&,\$[11.4742]&,\$[2.2018]&
SAMPLE 5
NORMAL
\$[-11.7402]&,\$[-4.62239]&,\$[-4.07996]&,\$[-6.57483]&,\$[11.0546]&

TREATED
\$[4.41675]&\$[2.12332]&\$[-0.616654]&\$[-6.25731]&\$[3.64214]&
SAMPLE 6
NORMAL
\$[1.8878]&\$[-4.14171]&\$[-0.485095]&\$[3.33732]&\$[11.0191]&
TREATED
\$[-7.6194]&\$[4.68155]&\$[-3.60111]&\$[0.050895]&\$[2.28103]&
SAMPLE 7
NORMAL
\$[9.34352]&\$[8.14306]&\$[9.97359]&\$[-6.49306]&\$[3.47551]&
TREATED
\$[13.611]&\$[0.359763]&\$[5.1259]&\$[-7.92381]&\$[-1.14497]&
SAMPLE 8
NORMAL
\$[7.2508]&\$[5.12534]&\$[0.22804]&\$[7.65746]&\$[7.76311]&
TREATED
\$[-9.86688]&\$[2.78253]&\$[-6.26128]&\$[-11.1956]&\$[2.85964]&
SAMPLE 9
NORMAL
\$[3.63079]&\$[7.8415]&\$[0.00401701]&\$[-0.246942]&\$[9.07776]&
TREATED
\$[0.515602]&\$[0.503911]&\$[11.0569]&\$[1.17309]&\$[2.68498]&
SAMPLE 10
NORMAL
\$[1.58382]&\$[6.80922]&\$[7.88071]&\$[-1.7495]&\$[7.60453]&
TREATED
\$[11.0158]&\$[-7.11573]&\$[-1.06066]&\$[9.21373]&\$[9.16786]&

BE18B022
alpha = 0.017504
FWER = 0.32725
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[0.800136]&\$[2.30528]&\$[12.9145]&\$[3.93591]&\$[1.35517]&
TREATED
\$[-2.80038]&\$[0.909197]&\$[0.65337]&\$[7.90106]&\$[0.80394]&
SAMPLE 2
NORMAL
\$[-0.715794]&\$[-0.106177]&\$[5.84872]&\$[1.83727]&\$[-1.29189]&
TREATED
\$[5.9809]&\$[0.758589]&\$[4.05492]&\$[0.0579129]&\$[-0.412905]&
SAMPLE 3
NORMAL
\$[9.2238]&\$[5.83804]&\$[-4.22364]&\$[16.0777]&\$[-4.1525]&
TREATED
\$[1.71137]&\$[9.55001]&\$[1.88235]&\$[8.72591]&\$[2.47842]&
SAMPLE 4
NORMAL
\$[-0.604619]&\$[8.71032]&\$[19.5005]&\$[0.70406]&\$[-1.19331]&
TREATED
\$[-2.1368]&\$[-1.58895]&\$[-2.79112]&\$[0.113355]&\$[1.37675]&
SAMPLE 5

NORMAL
\$[7.70045]&\$[-2.63715]&\$[19.4811]&\$[9.20407]&\$[-5.71455]&
TREATED
\$[-5.59478]&\$[-3.92477]&\$[0.124533]&\$[-2.02075]&\$[8.16074]&
SAMPLE 6
NORMAL
\$[4.47946]&\$[-4.67695]&\$[-7.70244]&\$[-3.24186]&\$[6.64126]&
TREATED
\$[-6.65348]&\$[-0.887519]&\$[20.4331]&\$[-0.686642]&\$[14.8602]&
SAMPLE 7
NORMAL
\$[1.04281]&\$[13.4618]&\$[4.86179]&\$[4.80302]&\$[2.49465]&
TREATED
\$[-1.63927]&\$[-2.62078]&\$[6.86212]&\$[6.83337]&\$[-6.03258]&
SAMPLE 8
NORMAL
\$[2.87997]&\$[0.475205]&\$[5.66611]&\$[2.75374]&\$[1.07809]&
TREATED
\$[5.58028]&\$[-7.15925]&\$[-0.439647]&\$[-6.57969]&\$[-0.289097]&
SAMPLE 9
NORMAL
\$[2.12211]&\$[-5.56297]&\$[11.2096]&\$[5.14628]&\$[-1.67708]&
TREATED
\$[2.8379]&\$[11.9658]&\$[13.6697]&\$[-11.8647]&\$[-0.106877]&
SAMPLE 10
NORMAL
\$[14.2478]&\$[9.10977]&\$[1.61772]&\$[2.89365]&\$[12.7906]&
TREATED
\$[-5.6494]&\$[1.78224]&\$[-3.0837]&\$[2.22403]&\$[-7.73527]&

BE18B030
alpha = 0.00577481
FWER = 0.322918
SAMPLE FOR TTEST : SAMPLE no. 9
SAMPLE 1
NORMAL
\$[-0.623054]&\$[16.1529]&\$[-7.21289]&\$[7.01977]&\$[-9.96868]&
TREATED
\$[3.94949]&\$[-0.244423]&\$[2.36296]&\$[0.931258]&\$[1.81766]&
SAMPLE 2
NORMAL
\$[3.29732]&\$[4.03945]&\$[3.71925]&\$[4.27599]&\$[0.412825]&
TREATED
\$[5.9579]&\$[2.28393]&\$[1.75004]&\$[3.6758]&\$[5.9413]&
SAMPLE 3
NORMAL
\$[-2.20702]&\$[1.59572]&\$[5.759]&\$[5.85738]&\$[16.9622]&
TREATED
\$[12.191]&\$[19.5837]&\$[-3.81149]&\$[1.53157]&\$[7.0863]&
SAMPLE 4
NORMAL
\$[5.59437]&\$[5.96841]&\$[10.1394]&\$[4.01369]&\$[8.42756]&
TREATED

\$[4.14831]&\$[8.17258]&\$[8.19183]&\$[2.39398]&\$[12.7075]&
SAMPLE 5
NORMAL
\$[-2.68373]&\$[16.1205]&\$[-3.37354]&\$[-5.13036]&\$[11.7702]&
TREATED
\$[25.78]&\$[-7.57681]&\$[-9.8142]&\$[-0.125523]&\$[11.2708]&
SAMPLE 6
NORMAL
\$[-6.67803]&\$[16.5283]&\$[-7.40778]&\$[-5.62202]&\$[19.6129]&
TREATED
\$[5.66207]&\$[8.36947]&\$[-2.31407]&\$[5.60709]&\$[3.74274]&
SAMPLE 7
NORMAL
\$[1.88651]&\$[-2.69305]&\$[-7.02192]&\$[-0.785924]&\$[-3.35194]&
TREATED
\$[3.726]&\$[-7.33225]&\$[12.1218]&\$[7.43731]&\$[5.00977]&
SAMPLE 8
NORMAL
\$[-16.9526]&\$[-3.001]&\$[-0.447827]&\$[0.952087]&\$[-4.20762]&
TREATED
\$[-1.54927]&\$[15.7349]&\$[0.309948]&\$[-3.43202]&\$[0.670456]&
SAMPLE 9
NORMAL
\$[2.04795]&\$[9.00596]&\$[22.3974]&\$[-2.48411]&\$[3.98313]&
TREATED
\$[-2.78676]&\$[-1.11781]&\$[6.67381]&\$[7.40196]&\$[-5.48594]&
SAMPLE 10
NORMAL
\$[1.90158]&\$[-1.74996]&\$[4.53292]&\$[5.04604]&\$[-0.217198]&
TREATED
\$[1.13446]&\$[2.76451]&\$[4.47768]&\$[-6.31409]&\$[4.14149]&

BE19B017
alpha = 0.0142947
FWER = 0.222373
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[0.315565]&\$[8.46541]&\$[5.59466]&\$[-5.05273]&\$[1.50896]&
TREATED
\$[0.173684]&\$[16.3313]&\$[8.30079]&\$[4.90628]&\$[16.6319]&
SAMPLE 2
NORMAL
\$[4.93991]&\$[5.67784]&\$[2.01638]&\$[9.66904]&\$[-7.70888]&
TREATED
\$[6.31731]&\$[-5.4515]&\$[-3.18904]&\$[9.41959]&\$[-11.64]&
SAMPLE 3
NORMAL
\$[3.77598]&\$[3.64725]&\$[-5.75311]&\$[5.01542]&\$[12.0533]&
TREATED
\$[-3.9093]&\$[7.91382]&\$[17.3342]&\$[6.79608]&\$[0.871495]&
SAMPLE 4
NORMAL

\$[-5.08474]&,\$[3.92257]&,\$[8.19073]&,\$[4.09393]&,\$[-1.10547]&
TREATED
\$[8.12521]&,\$[9.55925]&,\$[18.2898]&,\$[7.9987]&,\$[-2.67912]&
SAMPLE 5
NORMAL
\$[3.05867]&,\$[5.0739]&,\$[0.541329]&,\$[5.66989]&,\$[4.3506]&
TREATED
\$[4.10924]&,\$[-4.1497]&,\$[3.90208]&,\$[3.00486]&,\$[1.65482]&
SAMPLE 6
NORMAL
\$[7.7154]&,\$[1.41694]&,\$[1.26275]&,\$[9.53712]&,\$[5.98941]&
TREATED
\$[17.8879]&,\$[-3.97982]&,\$[-20.3138]&,\$[-4.89564]&,\$[-4.91637]&
SAMPLE 7
NORMAL
\$[21.2135]&,\$[-11.8623]&,\$[6.22349]&,\$[4.15326]&,\$[1.43247]&
TREATED
\$[3.87235]&,\$[1.66088]&,\$[0.0405923]&,\$[-4.33854]&,\$[7.82696]&
SAMPLE 8
NORMAL
\$[1.41537]&,\$[13.2597]&,\$[2.11476]&,\$[-0.132299]&,\$[5.52262]&
TREATED
\$[4.31853]&,\$[5.55221]&,\$[8.87165]&,\$[-1.41031]&,\$[3.88259]&
SAMPLE 9
NORMAL
\$[-0.61623]&,\$[-6.56911]&,\$[-1.87282]&,\$[-0.264564]&,\$[1.19724]&
TREATED
\$[-5.84432]&,\$[2.7213]&,\$[7.3744]&,\$[2.97765]&,\$[1.14541]&
SAMPLE 10
NORMAL
\$[-6.65089]&,\$[-3.90743]&,\$[-1.93144]&,\$[6.76021]&,\$[4.41911]&
TREATED
\$[7.39895]&,\$[2.42573]&,\$[9.395]&,\$[2.16192]&,\$[0.922118]&

BE19B034
alpha = 0.0273959
FWER = 0.393352
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[-2.94603]&,\$[5.99386]&,\$[-0.816774]&,\$[2.57241]&,\$[-3.77962]&
TREATED
\$[6.18558]&,\$[6.43848]&,\$[12.5098]&,\$[4.9834]&,\$[2.62894]&
SAMPLE 2
NORMAL
\$[10.3452]&,\$[-18.6297]&,\$[17.8536]&,\$[11.4835]&,\$[-13.3644]&
TREATED
\$[5.13692]&,\$[-1.03608]&,\$[7.45466]&,\$[4.0608]&,\$[7.572]&
SAMPLE 3
NORMAL
\$[6.56167]&,\$[-0.362623]&,\$[0.952196]&,\$[8.91269]&,\$[10.5622]&
TREATED
\$[-9.76975]&,\$[-10.6964]&,\$[9.10653]&,\$[2.04159]&,\$[6.36182]&

SAMPLE 4
NORMAL
\$[-7.82197]&\$[-5.56299]&\$[7.84119]&\$[-2.71685]&\$[-4.71818]&
TREATED
\$[6.21332]&\$[5.33082]&\$[5.29278]&\$[3.97021]&\$[4.80694]&
SAMPLE 5
NORMAL
\$[7.57215]&\$[4.98739]&\$[5.56952]&\$[4.24285]&\$[2.31132]&
TREATED
\$[1.13513]&\$[1.7844]&\$[7.06322]&\$[-2.28426]&\$[-10.9707]&
SAMPLE 6
NORMAL
\$[9.12827]&\$[-13.5338]&\$[18.9877]&\$[-8.06898]&\$[10.2353]&
TREATED
\$[-1.47652]&\$[7.93569]&\$[13.7889]&\$[2.66375]&\$[-10.0392]&
SAMPLE 7
NORMAL
\$[-13.3021]&\$[-4.39912]&\$[-7.24044]&\$[3.49948]&\$[16.1973]&
TREATED
\$[3.54754]&\$[4.45508]&\$[0.232511]&\$[0.967933]&\$[-7.42923]&
SAMPLE 8
NORMAL
\$[7.19407]&\$[-2.00876]&\$[-3.58264]&\$[8.28381]&\$[-23.6681]&
TREATED
\$[4.65704]&\$[3.1234]&\$[4.43764]&\$[-2.89065]&\$[16.4535]&
SAMPLE 9
NORMAL
\$[-6.05152]&\$[15.3396]&\$[13.7117]&\$[7.90918]&\$[-0.650512]&
TREATED
\$[2.79061]&\$[7.08143]&\$[7.13012]&\$[-16.8261]&\$[7.22916]&
SAMPLE 10
NORMAL
\$[1.80235]&\$[2.59972]&\$[6.87889]&\$[0.429347]&\$[2.58545]&
TREATED
\$[-0.063184]&\$[7.77508]&\$[17.2094]&\$[2.96433]&\$[15.871]&

BE20B002
alpha = 0.0420886
FWER = 0.340862
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[-5.59922]&\$[-6.35789]&\$[4.64383]&\$[9.16597]&\$[0.763167]&
TREATED
\$[4.64143]&\$[9.42184]&\$[-11.899]&\$[0.118561]&\$[9.27174]&
SAMPLE 2
NORMAL
\$[1.65371]&\$[-7.40325]&\$[8.22199]&\$[10.356]&\$[11.2385]&
TREATED
\$[-1.08296]&\$[7.08882]&\$[4.07667]&\$[-4.29021]&\$[-8.3676]&
SAMPLE 3
NORMAL
\$[14.1768]&\$[-1.45689]&\$[4.03485]&\$[-15.7666]&\$[-5.46412]&

TREATED
\$[5.81387]&\$[4.72589]&\$[0.998551]&\$[0.851439]&\$[4.04006]&
SAMPLE 4
NORMAL
\$[6.40427]&\$[2.95181]&\$[9.5848]&\$[1.91268]&\$[8.05435]&
TREATED
\$[-3.13401]&\$[-3.42183]&\$[11.0482]&\$[15.1078]&\$[7.79156]&
SAMPLE 5
NORMAL
\$[9.75154]&\$[-0.902417]&\$[9.25386]&\$[7.91926]&\$[3.72242]&
TREATED
\$[5.86715]&\$[-3.15678]&\$[9.50466]&\$[5.29397]&\$[0.230028]&
SAMPLE 6
NORMAL
\$[3.02705]&\$[4.50212]&\$[2.34949]&\$[-18.6249]&\$[-0.751037]&
TREATED
\$[3.86527]&\$[-0.381868]&\$[3.59774]&\$[2.03201]&\$[10.103]&
SAMPLE 7
NORMAL
\$[-0.295484]&\$[0.668019]&\$[-2.22161]&\$[-3.14823]&\$[0.703924]&
TREATED
\$[1.80497]&\$[2.73115]&\$[1.64286]&\$[1.54785]&\$[2.81477]&
SAMPLE 8
NORMAL
\$[0.72328]&\$[6.96636]&\$[-3.39406]&\$[4.37435]&\$[8.65435]&
TREATED
\$[-3.46406]&\$[-0.966555]&\$[3.18155]&\$[3.13049]&\$[1.66155]&
SAMPLE 9
NORMAL
\$[-0.120571]&\$[3.42915]&\$[9.79276]&\$[4.05111]&\$[9.15053]&
TREATED
\$[-8.24122]&\$[-3.53734]&\$[2.47343]&\$[16.7133]&\$[6.37494]&
SAMPLE 10
NORMAL
\$[-3.95652]&\$[-4.31552]&\$[2.46768]&\$[0.609407]&\$[9.40244]&
TREATED
\$[2.07964]&\$[3.15518]&\$[3.49457]&\$[7.19435]&\$[1.43609]&

BE20B004
alpha = 0.0415193
FWER = 0.264706
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[-7.33454]&\$[-9.19837]&\$[-2.53208]&\$[1.26356]&\$[-7.91994]&
TREATED
\$[8.00592]&\$[7.38017]&\$[-7.91954]&\$[6.55226]&\$[-10.3566]&
SAMPLE 2
NORMAL
\$[-13.478]&\$[11.1965]&\$[-1.40849]&\$[4.55135]&\$[-2.87851]&
TREATED
\$[-8.75825]&\$[3.89363]&\$[-5.17188]&\$[2.46703]&\$[1.69687]&
SAMPLE 3

NORMAL
\$[0.378988]&\$[20.6883]&\$[-9.85985]&\$[13.8592]&\$[-10.2869]&
TREATED
\$[10.8863]&\$[-8.08198]&\$[13.1404]&\$[2.26781]&\$[9.34529]&
SAMPLE 4
NORMAL
\$[-11.3128]&\$[-4.00054]&\$[-5.42773]&\$[8.49944]&\$[5.06083]&
TREATED
\$[1.05923]&\$[-3.4064]&\$[2.4964]&\$[3.0075]&\$[11.8854]&
SAMPLE 5
NORMAL
\$[-0.364813]&\$[17.8749]&\$[-2.29697]&\$[-9.14934]&\$[-5.64019]&
TREATED
\$[4.06952]&\$[-1.36527]&\$[0.754964]&\$[4.03453]&\$[0.932829]&
SAMPLE 6
NORMAL
\$[2.05743]&\$[2.1294]&\$[1.95075]&\$[-4.08481]&\$[0.87073]&
TREATED
\$[13.3188]&\$[3.14414]&\$[-7.01646]&\$[-1.53926]&\$[8.94319]&
SAMPLE 7
NORMAL
\$[-2.25291]&\$[-5.15981]&\$[1.67187]&\$[6.52196]&\$[-4.55027]&
TREATED
\$[0.832273]&\$[3.26261]&\$[-2.02333]&\$[1.96293]&\$[-2.06752]&
SAMPLE 8
NORMAL
\$[-9.3138]&\$[-4.21854]&\$[5.49139]&\$[0.922394]&\$[1.9853]&
TREATED
\$[0.47803]&\$[14.8648]&\$[-4.98089]&\$[4.02208]&\$[-4.35623]&
SAMPLE 9
NORMAL
\$[7.75803]&\$[7.60321]&\$[-2.88878]&\$[-3.58578]&\$[1.92314]&
TREATED
\$[4.21251]&\$[4.0798]&\$[5.58935]&\$[-3.54747]&\$[-10.8542]&
SAMPLE 10
NORMAL
\$[5.8324]&\$[4.95817]&\$[5.38462]&\$[1.80047]&\$[8.53928]&
TREATED
\$[-9.56452]&\$[-7.88158]&\$[-7.90099]&\$[-1.92931]&\$[9.25397]&

BE20B005
alpha = 0.049788
FWER = 0.368251
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[-2.82813]&\$[-7.51485]&\$[3.91559]&\$[-4.28231]&\$[2.65147]&
TREATED
\$[5.673]&\$[11.1012]&\$[5.55382]&\$[5.19429]&\$[0.967079]&
SAMPLE 2
NORMAL
\$[-7.60894]&\$[-0.941886]&\$[8.46978]&\$[14.9445]&\$[0.713164]&
TREATED

\$[5.59974]&\$[4.76697]&\$[4.3733]&\$[-0.354298]&\$[3.91696]&
SAMPLE 3
NORMAL
\$[7.32727]&\$[-1.44218]&\$[-5.7088]&\$[6.27087]&\$[1.89948]&
TREATED
\$[3.27468]&\$[16.9361]&\$[15.0666]&\$[3.51633]&\$[3.36568]&
SAMPLE 4
NORMAL
\$[6.83822]&\$[5.34567]&\$[3.55797]&\$[-0.249804]&\$[-1.06926]&
TREATED
\$[-1.93311]&\$[12.731]&\$[-4.70797]&\$[-2.1669]&\$[10.8559]&
SAMPLE 5
NORMAL
\$[-1.53646]&\$[4.74011]&\$[1.27294]&\$[5.919]&\$[15.6697]&
TREATED
\$[8.23212]&\$[6.05064]&\$[12.7762]&\$[0.562375]&\$[7.20063]&
SAMPLE 6
NORMAL
\$[-1.70017]&\$[-4.12864]&\$[6.98488]&\$[8.67924]&\$[-3.95777]&
TREATED
\$[-9.28898]&\$[10.8269]&\$[10.2889]&\$[-0.684048]&\$[6.64912]&
SAMPLE 7
NORMAL
\$[8.69683]&\$[-3.42043]&\$[4.8636]&\$[5.59693]&\$[-9.59284]&
TREATED
\$[11.2605]&\$[-4.23361]&\$[-9.82138]&\$[-3.38676]&\$[-5.25741]&
SAMPLE 8
NORMAL
\$[1.37637]&\$[1.99386]&\$[2.30207]&\$[2.11439]&\$[-0.301494]&
TREATED
\$[6.7703]&\$[-10.374]&\$[-16.2016]&\$[14.7398]&\$[2.7718]&
SAMPLE 9
NORMAL
\$[2.85496]&\$[1.55545]&\$[2.37197]&\$[8.95017]&\$[3.03605]&
TREATED
\$[0.871789]&\$[4.434]&\$[4.37915]&\$[16.2953]&\$[1.05617]&
SAMPLE 10
NORMAL
\$[1.78541]&\$[6.54036]&\$[0.948508]&\$[-0.445593]&\$[4.56612]&
TREATED
\$[8.48698]&\$[-0.602989]&\$[9.65419]&\$[5.43958]&\$[8.29784]&

BE20B006
alpha = 0.0190943
FWER = 0.274818
SAMPLE FOR TTEST : SAMPLE no. 6
SAMPLE 1
NORMAL
\$[-11.6859]&\$[19.5082]&\$[-10.3125]&\$[9.49279]&\$[-7.95565]&
TREATED
\$[5.61919]&\$[9.53129]&\$[4.35612]&\$[0.37771]&\$[-23.099]&
SAMPLE 2
NORMAL

\$[-3.54431]&\$[-12.0698]&\$[-14.174]&\$[10.1002]&\$[-3.99432]&
TREATED
\$[-0.449001]&\$[2.16623]&\$[4.96606]&\$[5.57315]&\$[-4.43899]&
SAMPLE 3
NORMAL
\$[6.41509]&\$[3.43983]&\$[-3.08313]&\$[-0.0573]&\$[-9.7601]&
TREATED
\$[10.6771]&\$[-0.0754049]&\$[4.24088]&\$[9.30884]&\$[1.264]&
SAMPLE 4
NORMAL
\$[2.07659]&\$[5.40209]&\$[-6.3165]&\$[1.68098]&\$[1.10282]&
TREATED
\$[6.46467]&\$[12.135]&\$[6.06432]&\$[-3.30133]&\$[7.20454]&
SAMPLE 5
NORMAL
\$[-5.58015]&\$[1.38454]&\$[-4.5544]&\$[6.37448]&\$[5.12841]&
TREATED
\$[2.85159]&\$[14.414]&\$[1.98512]&\$[6.60464]&\$[-14.8269]&
SAMPLE 6
NORMAL
\$[3.27513]&\$[-12.8519]&\$[24.7003]&\$[3.06406]&\$[10.7098]&
TREATED
\$[-13.1156]&\$[-3.30327]&\$[0.0125426]&\$[-9.27334]&\$[-10.6678]&
SAMPLE 7
NORMAL
\$[5.31506]&\$[-9.63323]&\$[-7.39362]&\$[2.76842]&\$[3.54247]&
TREATED
\$[1.30883]&\$[-3.09196]&\$[2.1286]&\$[3.70475]&\$[2.53889]&
SAMPLE 8
NORMAL
\$[-2.84434]&\$[9.14624]&\$[0.880009]&\$[6.51166]&\$[5.32474]&
TREATED
\$[4.64067]&\$[5.65938]&\$[-10.0018]&\$[7.12204]&\$[-8.27313]&
SAMPLE 9
NORMAL
\$[7.65949]&\$[5.46862]&\$[-5.4488]&\$[10.2414]&\$[1.45503]&
TREATED
\$[-4.14898]&\$[-4.82383]&\$[0.546223]&\$[-2.37339]&\$[12.2482]&
SAMPLE 10
NORMAL
\$[2.11202]&\$[0.21797]&\$[3.26345]&\$[2.76796]&\$[2.87218]&
TREATED
\$[6.49909]&\$[1.99751]&\$[-1.69954]&\$[-3.56423]&\$[0.896769]&

BE20B009
alpha = 0.0128322
FWER = 0.338784
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[-0.00793516]&\$[-8.89976]&\$[19.507]&\$[-4.81406]&\$[17.1449]&
TREATED
\$[7.59755]&\$[7.64147]&\$[3.31026]&\$[15.1465]&\$[8.40489]&

SAMPLE 2
NORMAL
\$[1.13089]&\$[12.8637]&\$[10.5885]&\$[-8.0097]&\$[1.69401]&
TREATED
\$[-5.50284]&\$[4.5833]&\$[5.33982]&\$[16.521]&\$[-1.7364]&
SAMPLE 3
NORMAL
\$[2.812]&\$[11.5276]&\$[-14.7209]&\$[9.22066]&\$[-5.76347]&
TREATED
\$[-8.09967]&\$[2.03435]&\$[-1.61611]&\$[7.82242]&\$[-5.14992]&
SAMPLE 4
NORMAL
\$[5.45064]&\$[3.80578]&\$[-1.16567]&\$[5.63501]&\$[4.25376]&
TREATED
\$[8.76277]&\$[-6.0892]&\$[-2.05772]&\$[-3.75564]&\$[-2.01594]&
SAMPLE 5
NORMAL
\$[-2.29782]&\$[4.81321]&\$[10.1703]&\$[6.00363]&\$[3.73537]&
TREATED
\$[-1.10849]&\$[9.47964]&\$[8.4089]&\$[-5.6922]&\$[-8.02952]&
SAMPLE 6
NORMAL
\$[4.25097]&\$[6.73353]&\$[6.15355]&\$[12.6407]&\$[11.6385]&
TREATED
\$[-4.32199]&\$[7.86844]&\$[2.73707]&\$[2.97286]&\$[7.00515]&
SAMPLE 7
NORMAL
\$[1.16681]&\$[0.283389]&\$[-0.858613]&\$[3.37879]&\$[3.019]&
TREATED
\$[2.51369]&\$[9.11803]&\$[-10.3637]&\$[4.54218]&\$[11.6699]&
SAMPLE 8
NORMAL
\$[9.2205]&\$[3.41328]&\$[8.04164]&\$[4.69752]&\$[7.11539]&
TREATED
\$[4.21767]&\$[0.530576]&\$[10.4929]&\$[10.3681]&\$[10.6297]&
SAMPLE 9
NORMAL
\$[-4.99641]&\$[2.67542]&\$[0.142361]&\$[-0.697355]&\$[-6.17637]&
TREATED
\$[1.0243]&\$[-20.2411]&\$[10.3078]&\$[1.3515]&\$[6.72543]&
SAMPLE 10
NORMAL
\$[6.76158]&\$[-4.05455]&\$[3.55272]&\$[5.12827]&\$[5.66886]&
TREATED
\$[9.42798]&\$[9.95197]&\$[3.6817]&\$[-1.11528]&\$[6.49269]&

BE20B014
alpha = 0.00104756
FWER = 0.36942
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[2.33333]&\$[6.97731]&\$[2.90199]&\$[7.25647]&\$[8.31593]&

TREATED
\$[-1.03672]&\$[7.57419]&\$[3.52947]&\$[10.124]&\$[4.32399]&
SAMPLE 2
NORMAL
\$[5.93837]&\$[1.23816]&\$[8.1223]&\$[3.12867]&\$[-1.43201]&
TREATED
\$[14.8551]&\$[-3.52175]&\$[11.4248]&\$[1.2578]&\$[11.5275]&
SAMPLE 3
NORMAL
\$[6.84412]&\$[2.79549]&\$[20.6009]&\$[-13.3017]&\$[-0.186873]&
TREATED
\$[2.45352]&\$[9.46718]&\$[5.9646]&\$[6.01039]&\$[1.23031]&
SAMPLE 4
NORMAL
\$[-2.25475]&\$[2.5136]&\$[-9.3889]&\$[4.0913]&\$[-7.77044]&
TREATED
\$[1.30305]&\$[-1.31348]&\$[-0.206261]&\$[-0.0450624]&\$[2.00649]&
SAMPLE 5
NORMAL
\$[-1.84736]&\$[7.16824]&\$[16.2293]&\$[0.901608]&\$[18.8851]&
TREATED
\$[4.1175]&\$[3.91539]&\$[2.50436]&\$[3.26578]&\$[3.54309]&
SAMPLE 6
NORMAL
\$[10.9046]&\$[1.63815]&\$[-9.69533]&\$[-6.56991]&\$[1.93888]&
TREATED
\$[6.75931]&\$[-0.147733]&\$[-0.499952]&\$[1.30273]&\$[3.79084]&
SAMPLE 7
NORMAL
\$[9.19568]&\$[5.58334]&\$[5.94906]&\$[15.1735]&\$[6.15148]&
TREATED
\$[5.69466]&\$[8.50405]&\$[4.1571]&\$[-0.727874]&\$[-0.330292]&
SAMPLE 8
NORMAL
\$[15.0609]&\$[15.8664]&\$[-0.551291]&\$[5.69668]&\$[5.22475]&
TREATED
\$[-6.73256]&\$[16.128]&\$[14.2923]&\$[4.44867]&\$[-2.11639]&
SAMPLE 9
NORMAL
\$[-0.851762]&\$[9.06323]&\$[3.79477]&\$[0.341197]&\$[4.41569]&
TREATED
\$[3.89183]&\$[21.8441]&\$[7.87472]&\$[-5.57566]&\$[-9.76705]&
SAMPLE 10
NORMAL
\$[-13.018]&\$[1.7716]&\$[9.1049]&\$[5.32592]&\$[21.0422]&
TREATED
\$[2.93866]&\$[11.4562]&\$[11.9694]&\$[4.38382]&\$[11.7757]&

BE20B016
alpha = 0.00923036
FWER = 0.230774
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1

NORMAL
\$[1.78967]&\$[6.59418]&\$[0.368233]&\$[-1.46753]&\$[1.59339]&
TREATED
\$[-2.98558]&\$[10.9179]&\$[4.17097]&\$[-0.223351]&\$[0.550915]&
SAMPLE 2
NORMAL
\$[-3.11094]&\$[-9.8022]&\$[-12.1339]&\$[-3.23553]&\$[8.23865]&
TREATED
\$[4.136]&\$[10.9384]&\$[6.43501]&\$[0.900419]&\$[5.67038]&
SAMPLE 3
NORMAL
\$[8.5388]&\$[-1.67123]&\$[16.8652]&\$[-1.85631]&\$[14.5833]&
TREATED
\$[10.2867]&\$[-0.541352]&\$[4.65085]&\$[-8.90514]&\$[11.4699]&
SAMPLE 4
NORMAL
\$[-0.16693]&\$[-0.442769]&\$[2.92737]&\$[5.55061]&\$[3.81783]&
TREATED
\$[5.59672]&\$[5.38836]&\$[-2.61968]&\$[3.21662]&\$[10.8418]&
SAMPLE 5
NORMAL
\$[2.21751]&\$[5.61909]&\$[-6.7469]&\$[-6.00313]&\$[-4.34686]&
TREATED
\$[2.10102]&\$[-5.36035]&\$[3.10579]&\$[-14.2991]&\$[1.56015]&
SAMPLE 6
NORMAL
\$[1.54062]&\$[-0.85153]&\$[-3.30733]&\$[-3.34806]&\$[-4.46625]&
TREATED
\$[0.345148]&\$[3.8203]&\$[0.944055]&\$[7.29451]&\$[5.2254]&
SAMPLE 7
NORMAL
\$[-0.414193]&\$[13.9484]&\$[-1.25249]&\$[11.5202]&\$[-4.41869]&
TREATED
\$[-10.6937]&\$[-15.2305]&\$[7.80269]&\$[13.8034]&\$[-8.21046]&
SAMPLE 8
NORMAL
\$[7.17759]&\$[5.68218]&\$[5.67461]&\$[2.81213]&\$[-11.6361]&
TREATED
\$[17.4109]&\$[-16.5232]&\$[-7.39191]&\$[-2.6959]&\$[-4.32845]&
SAMPLE 9
NORMAL
\$[0.273904]&\$[1.61435]&\$[6.41067]&\$[9.17466]&\$[14.8597]&
TREATED
\$[8.58231]&\$[1.38978]&\$[1.50565]&\$[-2.6801]&\$[2.10335]&
SAMPLE 10
NORMAL
\$[-13.5101]&\$[5.67194]&\$[-2.33509]&\$[-2.64829]&\$[-6.83645]&
TREATED
\$[2.11483]&\$[-2.57509]&\$[-6.76438]&\$[23.4033]&\$[0.834298]&

BE20B020
alpha = 0.0145085
FWER = 0.365074

SAMPLE FOR TTEST : SAMPLE no. 7

SAMPLE 1

NORMAL

\$[-1.73328]&,\$[9.0629]&,\$[18.7315]&,\$[10.7075]&,\$[13.1664]&
TREATED

\$[0.275774]&,\$[1.80554]&,\$[-0.516457]&,\$[14.3196]&,\$[0.39892]&

SAMPLE 2

NORMAL

\$[1.5581]&,\$[-0.762452]&,\$[0.105068]&,\$[-8.3778]&,\$[4.65994]&
TREATED

\$[6.83811]&,\$[19.8281]&,\$[7.9434]&,\$[-8.20667]&,\$[1.97015]&

SAMPLE 3

NORMAL

\$[17.8866]&,\$[-2.21485]&,\$[-14.7204]&,\$[11.1243]&,\$[1.32166]&
TREATED

\$[8.7294]&,\$[4.97742]&,\$[-3.56399]&,\$[4.77565]&,\$[4.06993]&

SAMPLE 4

NORMAL

\$[15.6418]&,\$[2.36481]&,\$[2.04298]&,\$[6.15883]&,\$[13.0311]&
TREATED

\$[7.05545]&,\$[25.6464]&,\$[4.15548]&,\$[-9.11025]&,\$[-5.39915]&

SAMPLE 5

NORMAL

\$[0.121214]&,\$[-3.73325]&,\$[1.17992]&,\$[1.91764]&,\$[-0.426519]&
TREATED

\$[11.0175]&,\$[-4.23516]&,\$[-3.30608]&,\$[-2.7819]&,\$[-2.97467]&

SAMPLE 6

NORMAL

\$[7.30128]&,\$[5.54527]&,\$[10.5152]&,\$[8.32854]&,\$[-8.95727]&
TREATED

\$[8.74302]&,\$[5.49531]&,\$[0.515904]&,\$[11.9384]&,\$[-0.402056]&

SAMPLE 7

NORMAL

\$[10.1441]&,\$[10.013]&,\$[-5.31407]&,\$[0.84583]&,\$[6.79671]&
TREATED

\$[-0.613741]&,\$[1.82608]&,\$[4.83139]&,\$[0.984908]&,\$[4.00414]&
SAMPLE 8

NORMAL

\$[-0.0975774]&,\$[9.97743]&,\$[16.3707]&,\$[8.8588]&,\$[1.12084]&
TREATED

\$[1.46794]&,\$[-6.46807]&,\$[-0.307962]&,\$[5.58409]&,\$[-15.2011]&
SAMPLE 9

NORMAL

\$[0.80408]&,\$[3.77766]&,\$[-4.56889]&,\$[9.44629]&,\$[2.31084]&
TREATED

\$[0.456475]&,\$[-12.3361]&,\$[-6.75853]&,\$[2.4308]&,\$[7.08734]&
SAMPLE 10

NORMAL

\$[-4.52038]&,\$[-3.90678]&,\$[-0.06993]&,\$[2.79082]&,\$[13.4483]&
TREATED

\$[4.37446]&,\$[0.577827]&,\$[7.56129]&,\$[6.88578]&,\$[5.10319]&

BE20B025

alpha = 0.00654017
FWER = 0.372471
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[13.0752]&\$[-2.75139]&\$[10.1811]&\$[-10.5326]&\$[9.2212]&
TREATED
\$[-11.4998]&\$[-7.30931]&\$[-5.73378]&\$[-4.38403]&\$[-4.78843]&
SAMPLE 2
NORMAL
\$[1.48352]&\$[8.669]&\$[1.63891]&\$[7.17366]&\$[13.653]&
TREATED
\$[6.36638]&\$[5.89174]&\$[5.62252]&\$[-0.704132]&\$[-0.422855]&
SAMPLE 3
NORMAL
\$[12.8862]&\$[5.0123]&\$[-7.61684]&\$[30.0075]&\$[3.41672]&
TREATED
\$[1.08888]&\$[1.6793]&\$[5.55113]&\$[1.17271]&\$[3.94311]&
SAMPLE 4
NORMAL
\$[-3.23849]&\$[-5.57887]&\$[-0.821418]&\$[-5.45688]&\$[5.09832]&
TREATED
\$[5.06403]&\$[3.84829]&\$[7.23848]&\$[2.42634]&\$[0.709444]&
SAMPLE 5
NORMAL
\$[8.50194]&\$[7.87045]&\$[7.90088]&\$[-10.6964]&\$[9.31065]&
TREATED
\$[-3.88589]&\$[-14.3148]&\$[10.0406]&\$[6.45838]&\$[4.74659]&
SAMPLE 6
NORMAL
\$[-1.51892]&\$[-0.286693]&\$[2.54038]&\$[-4.36768]&\$[3.36117]&
TREATED
\$[6.42862]&\$[4.48841]&\$[-3.60245]&\$[-2.0705]&\$[0.631163]&
SAMPLE 7
NORMAL
\$[-9.14965]&\$[-3.16868]&\$[3.75597]&\$[5.61841]&\$[-1.33813]&
TREATED
\$[10.786]&\$[9.11761]&\$[-2.29012]&\$[6.08342]&\$[10.2249]&
SAMPLE 8
NORMAL
\$[15.0107]&\$[15.7256]&\$[0.0226337]&\$[-1.62476]&\$[13.0525]&
TREATED
\$[21.8935]&\$[1.2822]&\$[4.43119]&\$[4.84455]&\$[10.6921]&
SAMPLE 9
NORMAL
\$[3.96491]&\$[-4.21592]&\$[4.99686]&\$[14.3619]&\$[0.808575]&
TREATED
\$[4.55478]&\$[7.66507]&\$[-2.3374]&\$[1.15058]&\$[16.6961]&
SAMPLE 10
NORMAL
\$[-4.27728]&\$[-22.332]&\$[-3.07733]&\$[-12.5871]&\$[0.636036]&
TREATED
\$[21.3708]&\$[5.52484]&\$[-7.58713]&\$[-2.99097]&\$[13.0152]&

BE20B029

alpha = 0.0430288

FWER = 0.370165

SAMPLE FOR TTEST : SAMPLE no. 2

SAMPLE 1

NORMAL

\$[-1.80857]&,\$[0.253856]&,\$[1.64403]&,\$[-1.04802]&,\$[-0.415101]&

TREATED

\$[9.8447]&,\$[-3.02369]&,\$[7.30974]&,\$[3.94716]&,\$[6.66236]&

SAMPLE 2

NORMAL

\$[-4.39099]&,\$[4.60345]&,\$[5.1665]&,\$[2.35198]&,\$[-6.57699]&

TREATED

\$[9.95993]&,\$[-5.87522]&,\$[2.60465]&,\$[6.08145]&,\$[4.45452]&

SAMPLE 3

NORMAL

\$[-1.41992]&,\$[-0.0102478]&,\$[-1.11094]&,\$[-18.1687]&,\$[16.9872]&

TREATED

\$[-2.62939]&,\$[1.57066]&,\$[9.44644]&,\$[9.02907]&,\$[-3.69906]&

SAMPLE 4

NORMAL

\$[-0.699977]&,\$[11.539]&,\$[9.50537]&,\$[-6.97368]&,\$[1.7903]&

TREATED

\$[3.04521]&,\$[4.53381]&,\$[3.22283]&,\$[8.94955]&,\$[2.72844]&

SAMPLE 5

NORMAL

\$[-1.44213]&,\$[4.35358]&,\$[0.993055]&,\$[-0.297891]&,\$[2.25019]&

TREATED

\$[-0.078791]&,\$[9.0688]&,\$[7.99412]&,\$[5.79322]&,\$[6.6527]&

SAMPLE 6

NORMAL

\$[-1.54008]&,\$[-0.335258]&,\$[2.35001]&,\$[3.28851]&,\$[-0.633562]&

TREATED

\$[12.4945]&,\$[0.215281]&,\$[11.0468]&,\$[-7.93136]&,\$[2.53313]&

SAMPLE 7

NORMAL

\$[10.1883]&,\$[1.54454]&,\$[3.17986]&,\$[0.159932]&,\$[26.6892]&

TREATED

\$[3.99717]&,\$[-0.570618]&,\$[3.04933]&,\$[9.21452]&,\$[-5.49333]&

SAMPLE 8

NORMAL

\$[-9.05467]&,\$[-3.97577]&,\$[15.4567]&,\$[18.8477]&,\$[7.65752]&

TREATED

\$[-0.234243]&,\$[5.67798]&,\$[5.67952]&,\$[12.2826]&,\$[5.7176]&

SAMPLE 9

NORMAL

\$[-12.5815]&,\$[-16.5762]&,\$[-13.3879]&,\$[-13.1331]&,\$[14.5433]&

TREATED

\$[-0.259175]&,\$[8.05845]&,\$[-10.4747]&,\$[9.69323]&,\$[15.2189]&

SAMPLE 10

NORMAL

\$[11.1315]&,\$[8.69878]&,\$[12.3635]&,\$[1.68852]&,\$[18.3892]&

TREATED

[\$[8.15447]&,\$[5.63845]&,\$[3.0898]&,\$[0.136672]&,\$[4.24777]&

BE20B031

alpha = 0.0323522

FWER = 0.209424

SAMPLE FOR TTEST : SAMPLE no. 1

SAMPLE 1

NORMAL

\$[-1.02358]&,\$[-4.46017]&,\$[0.175346]&,\$[-5.28528]&,\$[-4.02125]&
TREATED

\$[5.96084]&,\$[-3.5931]&,\$[0.941232]&,\$[-4.36301]&,\$[12.4638]&
SAMPLE 2

NORMAL

\$[6.36361]&,\$[10.468]&,\$[10.5091]&,\$[2.22722]&,\$[-1.83683]&
TREATED

\$[-2.17414]&,\$[-4.02258]&,\$[0.644639]&,\$[10.7709]&,\$[10.1472]&
SAMPLE 3

NORMAL

\$[0.392438]&,\$[7.44681]&,\$[3.04899]&,\$[8.73015]&,\$[1.19728]&
TREATED

\$[9.73682]&,\$[-0.396362]&,\$[-0.0522207]&,\$[7.23231]&,\$[4.46588]&
SAMPLE 4

NORMAL

\$[-11.0598]&,\$[6.34455]&,\$[5.03663]&,\$[-1.72136]&,\$[-10.0051]&
TREATED

\$[15.5701]&,\$[-1.59381]&,\$[-2.64305]&,\$[11.7689]&,\$[-9.85028]&
SAMPLE 5

NORMAL

\$[0.214575]&,\$[-10.6541]&,\$[-9.03395]&,\$[-14.6118]&,\$[1.06795]&
TREATED

\$[3.69678]&,\$[0.509214]&,\$[3.88786]&,\$[-4.76829]&,\$[8.16765]&
SAMPLE 6

NORMAL

\$[20.546]&,\$[-11.6143]&,\$[4.43192]&,\$[-3.76059]&,\$[4.20934]&
TREATED

\$[12.0353]&,\$[11.715]&,\$[-1.66387]&,\$[1.00642]&,\$[-0.714352]&
SAMPLE 7

NORMAL

\$[20.0638]&,\$[10.3459]&,\$[-13.2679]&,\$[1.31601]&,\$[6.13102]&
TREATED

\$[2.9448]&,\$[0.483498]&,\$[1.91776]&,\$[3.34539]&,\$[12.4897]&
SAMPLE 8

NORMAL

\$[10.0379]&,\$[-7.05422]&,\$[6.25278]&,\$[-1.89622]&,\$[3.8813]&
TREATED

\$[1.94108]&,\$[3.07882]&,\$[3.29428]&,\$[0.32669]&,\$[7.51537]&
SAMPLE 9

NORMAL

\$[-9.70971]&,\$[6.13817]&,\$[-6.63237]&,\$[5.32098]&,\$[11.1081]&
TREATED

\$[7.21166]&,\$[9.19069]&,\$[8.6093]&,\$[4.01358]&,\$[3.18129]&
SAMPLE 10

NORMAL

\$[1.11939]&\$[2.6045]&\$[1.63793]&\$[3.19072]&\$[2.89093]&
TREATED
\$[3.95373]&\$[8.83818]&\$[-3.12687]&\$[2.75959]&\$[-5.51527]&

BE20B034

alpha = 0.0476532

FWER = 0.225404

SAMPLE FOR TTEST : SAMPLE no. 1

SAMPLE 1

NORMAL

\$[-0.691647]&\$[2.71555]&\$[-3.60752]&\$[21.8102]&\$[2.28217]&
TREATED

\$[-10.1321]&\$[-4.66918]&\$[-2.92228]&\$[-6.89986]&\$[-4.80169]&
SAMPLE 2

NORMAL

\$[-4.79998]&\$[-5.4562]&\$[-12.6152]&\$[-1.84126]&\$[-9.02661]&
TREATED

\$[-1.86144]&\$[2.06807]&\$[4.20197]&\$[-9.21651]&\$[7.18726]&
SAMPLE 3

NORMAL

\$[8.79136]&\$[6.9069]&\$[2.93197]&\$[2.32932]&\$[2.46581]&
TREATED

\$[15.4965]&\$[-8.1167]&\$[12.6266]&\$[0.685172]&\$[17.7592]&
SAMPLE 4

NORMAL

\$[10.4845]&\$[3.3576]&\$[10.4414]&\$[19.5293]&\$[9.6438]&
TREATED

\$[-3.46337]&\$[16.7603]&\$[-9.81161]&\$[7.30898]&\$[4.85679]&
SAMPLE 5

NORMAL

\$[6.25951]&\$[-15.3441]&\$[11.8668]&\$[3.15423]&\$[2.96066]&
TREATED

\$[4.05476]&\$[1.30394]&\$[9.02588]&\$[4.53585]&\$[-12.0576]&
SAMPLE 6

NORMAL

\$[0.350704]&\$[2.81994]&\$[-1.0353]&\$[-1.37414]&\$[-2.55768]&
TREATED

\$[-6.50819]&\$[-5.9034]&\$[7.92859]&\$[0.165655]&\$[-10.2017]&
SAMPLE 7

NORMAL

\$[-0.220674]&\$[7.55691]&\$[2.44414]&\$[1.74843]&\$[6.49603]&
TREATED

\$[-9.28057]&\$[-2.46565]&\$[11.748]&\$[-14.9659]&\$[-8.05893]&
SAMPLE 8

NORMAL

\$[0.00843167]&\$[2.11951]&\$[2.10475]&\$[5.66301]&\$[6.59115]&
TREATED

\$[0.698984]&\$[0.751998]&\$[5.1145]&\$[-0.695918]&\$[7.83321]&
SAMPLE 9

NORMAL

\$[4.59005]&\$[-2.06732]&\$[0.399903]&\$[4.34659]&\$[7.02508]&
TREATED

\$[0.266084]&\$[8.38079]&\$[-6.70649]&\$[12.1727]&\$[0.342934]&

SAMPLE 10

NORMAL

\$[10.3754]&\$[-13.698]&\$[14.4269]&\$[14.1317]&\$[4.63986]&

TREATED

\$[3.60355]&\$[7.35846]&\$[5.58235]&\$[-0.775719]&\$[2.40781]&

BE20B036

alpha = 0.00241351

FWER = 0.388541

SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1

NORMAL

\$[-13.3736]&\$[2.07047]&\$[6.52832]&\$[1.33386]&\$[-13.1369]&

TREATED

\$[0.741003]&\$[-6.14116]&\$[0.888833]&\$[4.16529]&\$[1.71501]&

SAMPLE 2

NORMAL

\$[-5.22062]&\$[5.19298]&\$[6.0206]&\$[2.96449]&\$[8.11677]&

TREATED

\$[-5.21686]&\$[-6.19787]&\$[4.89153]&\$[9.95221]&\$[2.38967]&

SAMPLE 3

NORMAL

\$[10.9573]&\$[7.61521]&\$[11.3636]&\$[1.76489]&\$[-0.509255]&

TREATED

\$[-4.99072]&\$[-5.18113]&\$[9.62628]&\$[6.28904]&\$[15.6197]&

SAMPLE 4

NORMAL

\$[0.549823]&\$[-0.177712]&\$[4.78503]&\$[-0.71618]&\$[0.542052]&

TREATED

\$[-6.37216]&\$[-1.19351]&\$[17.779]&\$[5.52823]&\$[11.1032]&

SAMPLE 5

NORMAL

\$[5.27326]&\$[2.93481]&\$[-0.0706389]&\$[1.2164]&\$[-0.890975]&

TREATED

\$[3.61919]&\$[16.3806]&\$[4.17541]&\$[7.7502]&\$[-4.59837]&

SAMPLE 6

NORMAL

\$[-5.34177]&\$[6.81686]&\$[6.02798]&\$[2.13975]&\$[-9.19504]&

TREATED

\$[0.616764]&\$[-2.90328]&\$[4.91356]&\$[0.924499]&\$[-4.71619]&

SAMPLE 7

NORMAL

\$[9.42893]&\$[2.37787]&\$[6.37314]&\$[0.597954]&\$[8.22139]&

TREATED

\$[7.03875]&\$[-8.1742]&\$[6.43847]&\$[1.15974]&\$[10.6856]&

SAMPLE 8

NORMAL

\$[1.75026]&\$[0.465806]&\$[0.873271]&\$[0.662497]&\$[-0.103559]&

TREATED

\$[-2.98667]&\$[-9.91033]&\$[3.38719]&\$[-4.39093]&\$[-1.34847]&

SAMPLE 9

NORMAL

\$[21.9784]&\$[12.6161]&\$[-11.6878]&\$[4.69367]&\$[-5.3719]&

TREATED
\$[-5.96916]&\$[24.786]&\$[9.94923]&\$[10.916]&\$[-9.54158]&
SAMPLE 10
NORMAL
\$[9.6678]&\$[-3.69631]&\$[3.26467]&\$[-6.92324]&\$[0.553596]&
TREATED
\$[-7.03122]&\$[-3.66205]&\$[2.0988]&\$[2.72777]&\$[15.2368]&

BE20B037
alpha = 0.0482372
FWER = 0.339231
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[-12.5724]&\$[-3.24093]&\$[-2.16844]&\$[2.0697]&\$[-6.38137]&
TREATED
\$[13.1024]&\$[8.67092]&\$[8.18844]&\$[11.304]&\$[-1.39193]&
SAMPLE 2
NORMAL
\$[2.69528]&\$[8.47891]&\$[7.75998]&\$[7.81634]&\$[7.57896]&
TREATED
\$[2.48406]&\$[-3.54779]&\$[8.65413]&\$[8.7375]&\$[0.747486]&
SAMPLE 3
NORMAL
\$[-5.95425]&\$[-3.10313]&\$[-0.155054]&\$[-9.64686]&\$[1.95196]&
TREATED
\$[-18.5927]&\$[5.73226]&\$[3.38168]&\$[-3.65444]&\$[0.56293]&
SAMPLE 4
NORMAL
\$[-7.26928]&\$[18.2586]&\$[-9.05176]&\$[-4.24304]&\$[-14.75]&
TREATED
\$[-11.5039]&\$[2.62559]&\$[0.369117]&\$[1.73709]&\$[-4.97246]&
SAMPLE 5
NORMAL
\$[-5.05335]&\$[-12.2681]&\$[4.06375]&\$[-5.9753]&\$[13.5835]&
TREATED
\$[5.11266]&\$[2.05169]&\$[-0.101517]&\$[1.12487]&\$[0.602556]&
SAMPLE 6
NORMAL
\$[2.03281]&\$[4.06735]&\$[-3.98252]&\$[-4.89553]&\$[5.70567]&
TREATED
\$[1.21016]&\$[3.87709]&\$[1.28219]&\$[6.84983]&\$[6.86369]&
SAMPLE 7
NORMAL
\$[-0.71798]&\$[2.93924]&\$[-1.37769]&\$[-5.89039]&\$[-0.697462]&
TREATED
\$[-5.24372]&\$[5.11555]&\$[-3.01598]&\$[9.83203]&\$[2.68094]&
SAMPLE 8
NORMAL
\$[-1.51142]&\$[-0.0976956]&\$[1.33029]&\$[-1.22456]&\$[3.18404]&
TREATED
\$[-3.50928]&\$[-3.32892]&\$[2.91367]&\$[-13.3972]&\$[9.80353]&
SAMPLE 9

NORMAL
\$[-1.5357]&\$[-8.05061]&\$[1.90651]&\$[0.44682]&\$[4.20177]&
TREATED
\$[6.12683]&\$[1.50637]&\$[-7.27437]&\$[6.87043]&\$[-7.04965]&
SAMPLE 10
NORMAL
\$[12.1116]&\$[8.46752]&\$[5.44688]&\$[-5.37392]&\$[7.66115]&
TREATED
\$[6.30923]&\$[-13.5829]&\$[4.84145]&\$[4.01708]&\$[3.64681]&

BE20B040
alpha = 0.0413496
FWER = 0.388422
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[-6.00071]&\$[8.09272]&\$[2.46941]&\$[4.99073]&\$[9.29582]&
TREATED
\$[6.05937]&\$[9.62251]&\$[6.50693]&\$[2.77299]&\$[2.84764]&
SAMPLE 2
NORMAL
\$[12.5303]&\$[-17.7445]&\$[9.10838]&\$[-6.47539]&\$[-13.8528]&
TREATED
\$[-4.4626]&\$[13.4234]&\$[10.3592]&\$[-1.04713]&\$[-4.11742]&
SAMPLE 3
NORMAL
\$[5.19526]&\$[3.17913]&\$[-5.20281]&\$[-6.90636]&\$[9.54813]&
TREATED
\$[-2.5094]&\$[5.07423]&\$[-0.19673]&\$[-0.121891]&\$[0.20119]&
SAMPLE 4
NORMAL
\$[8.18208]&\$[5.36469]&\$[5.9032]&\$[6.52151]&\$[-1.58846]&
TREATED
\$[-5.71878]&\$[4.52194]&\$[10.3082]&\$[8.85088]&\$[4.63748]&
SAMPLE 5
NORMAL
\$[-3.57748]&\$[-1.41878]&\$[-9.06242]&\$[12.1223]&\$[12.5439]&
TREATED
\$[20.9432]&\$[7.02416]&\$[5.87223]&\$[-7.37743]&\$[0.558915]&
SAMPLE 6
NORMAL
\$[2.47636]&\$[-1.84062]&\$[6.72027]&\$[12.2117]&\$[-6.26148]&
TREATED
\$[0.681414]&\$[0.481221]&\$[2.36601]&\$[13.539]&\$[1.41952]&
SAMPLE 7
NORMAL
\$[4.30696]&\$[4.75389]&\$[2.41063]&\$[6.03466]&\$[4.59864]&
TREATED
\$[2.51723]&\$[16.458]&\$[5.13367]&\$[6.59782]&\$[-3.61641]&
SAMPLE 8
NORMAL
\$[3.1347]&\$[-2.80888]&\$[20.7549]&\$[2.3934]&\$[10.8789]&
TREATED

\$[17.9004]&\$[17.038]&\$[-4.31958]&\$[8.00126]&\$[2.43655]&
SAMPLE 9
NORMAL
\$[3.63796]&\$[3.43715]&\$[4.98032]&\$[-1.11422]&\$[-1.16497]&
TREATED
\$[8.32605]&\$[-6.99774]&\$[16.5028]&\$[3.43271]&\$[11.0705]&
SAMPLE 10
NORMAL
\$[0.653416]&\$[10.5308]&\$[-6.38449]&\$[8.00475]&\$[-3.32178]&
TREATED
\$[9.01308]&\$[4.64748]&\$[11.0476]&\$[12.7118]&\$[5.95073]&

BS20B001
alpha = 0.0399815
FWER = 0.343992
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[-5.66365]&\$[-9.20766]&\$[-7.15845]&\$[13.0473]&\$[4.13054]&
TREATED
\$[-5.14149]&\$[12.2691]&\$[5.85909]&\$[-4.06026]&\$[-1.53807]&
SAMPLE 2
NORMAL
\$[-1.53887]&\$[-0.58917]&\$[3.9599]&\$[6.13031]&\$[6.96983]&
TREATED
\$[-0.236044]&\$[-3.64151]&\$[-2.32832]&\$[5.2917]&\$[0.373049]&
SAMPLE 3
NORMAL
\$[15.3899]&\$[17.4446]&\$[1.08467]&\$[3.77852]&\$[3.86369]&
TREATED
\$[15.282]&\$[-1.66269]&\$[14.2034]&\$[3.97796]&\$[12.1355]&
SAMPLE 4
NORMAL
\$[1.58715]&\$[10.1476]&\$[-4.4566]&\$[1.8283]&\$[-2.65906]&
TREATED
\$[-5.55929]&\$[4.15686]&\$[20.0904]&\$[5.38448]&\$[5.56149]&
SAMPLE 5
NORMAL
\$[6.86306]&\$[-2.28419]&\$[-15.9414]&\$[-5.73685]&\$[0.615755]&
TREATED
\$[-2.20077]&\$[-5.23843]&\$[0.53315]&\$[4.12308]&\$[-7.48271]&
SAMPLE 6
NORMAL
\$[14.2436]&\$[0.119449]&\$[-4.23321]&\$[10.3979]&\$[11.294]&
TREATED
\$[10.7744]&\$[0.313788]&\$[-8.08369]&\$[2.35699]&\$[16.4971]&
SAMPLE 7
NORMAL
\$[1.81566]&\$[-4.8403]&\$[2.94091]&\$[1.58224]&\$[-4.59905]&
TREATED
\$[6.50039]&\$[-3.5998]&\$[14.0786]&\$[-9.86316]&\$[5.5931]&
SAMPLE 8
NORMAL

\$[-12.0432]&\$[-9.7166]&\$[-9.22765]&\$[-15.6438]&\$[4.32882]&
TREATED
\$[5.19923]&\$[-7.62118]&\$[-1.73216]&\$[-3.68465]&\$[12.1311]&
SAMPLE 9
NORMAL
\$[4.01335]&\$[19.9712]&\$[4.48723]&\$[1.76344]&\$[-2.75121]&
TREATED
\$[6.21696]&\$[7.00326]&\$[14.4435]&\$[0.964781]&\$[9.3874]&
SAMPLE 10
NORMAL
\$[5.2435]&\$[1.18564]&\$[6.26446]&\$[2.83316]&\$[5.27957]&
TREATED
\$[-1.57275]&\$[7.05165]&\$[6.35989]&\$[-1.12341]&\$[8.39379]&

BS20B002
alpha = 0.0157961
FWER = 0.385188
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[1.81855]&\$[2.42981]&\$[-0.146176]&\$[-0.0273645]&\$[-0.646377]&
TREATED
\$[0.0770303]&\$[3.64796]&\$[-1.95495]&\$[-0.644241]&\$[2.37681]&
SAMPLE 2
NORMAL
\$[6.48295]&\$[-6.69807]&\$[8.18289]&\$[-9.24161]&\$[-10.3504]&
TREATED
\$[4.83988]&\$[-7.40251]&\$[2.35234]&\$[8.96656]&\$[7.52961]&
SAMPLE 3
NORMAL
\$[0.697648]&\$[1.75136]&\$[-1.34157]&\$[-3.74102]&\$[6.7595]&
TREATED
\$[3.3479]&\$[-14.6391]&\$[-6.55711]&\$[-6.91308]&\$[-4.93468]&
SAMPLE 4
NORMAL
\$[7.74807]&\$[-1.57457]&\$[-3.23122]&\$[2.4479]&\$[4.32818]&
TREATED
\$[5.25372]&\$[2.67271]&\$[5.58865]&\$[-1.01058]&\$[13.6875]&
SAMPLE 5
NORMAL
\$[-2.3636]&\$[6.26875]&\$[-8.81032]&\$[-8.18288]&\$[-10.2747]&
TREATED
\$[8.38675]&\$[11.277]&\$[7.55273]&\$[-9.65951]&\$[4.0556]&
SAMPLE 6
NORMAL
\$[4.10693]&\$[-0.796065]&\$[6.42535]&\$[12.5099]&\$[7.37276]&
TREATED
\$[2.1481]&\$[7.14197]&\$[7.71597]&\$[-4.68085]&\$[-1.11294]&
SAMPLE 7
NORMAL
\$[0.789925]&\$[2.04408]&\$[2.57376]&\$[0.698896]&\$[3.11307]&
TREATED
\$[2.80612]&\$[-13.238]&\$[19.05]&\$[-6.6774]&\$[10.5775]&

SAMPLE 8
NORMAL
\$[3.51491]&\$[-2.64984]&\$[-2.25252]&\$[12.987]&\$[4.14124]&
TREATED
\$[-0.114381]&\$[4.73712]&\$[8.19507]&\$[4.214]&\$[-6.48591]&
SAMPLE 9
NORMAL
\$[4.23349]&\$[3.24117]&\$[-1.58027]&\$[1.03919]&\$[-1.63727]&
TREATED
\$[10.7445]&\$[-9.31419]&\$[-5.7241]&\$[2.6779]&\$[4.75733]&
SAMPLE 10
NORMAL
\$[6.8547]&\$[1.09001]&\$[4.13976]&\$[13.3396]&\$[-2.68495]&
TREATED
\$[-3.50401]&\$[0.389966]&\$[2.908]&\$[5.33967]&\$[13.3587]&

BS20B003
alpha = 0.0378384
FWER = 0.3656
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[9.65562]&\$[4.77038]&\$[0.0322465]&\$[8.2787]&\$[-2.61667]&
TREATED
\$[4.36605]&\$[0.783716]&\$[1.9574]&\$[1.01339]&\$[2.5053]&
SAMPLE 2
NORMAL
\$[24.4522]&\$[2.04109]&\$[-9.34088]&\$[16.3069]&\$[-23.8725]&
TREATED
\$[-4.45209]&\$[4.06654]&\$[2.21967]&\$[2.09736]&\$[0.0845521]&
SAMPLE 3
NORMAL
\$[5.25544]&\$[-7.89627]&\$[-4.00615]&\$[4.11485]&\$[6.92755]&
TREATED
\$[8.18865]&\$[7.94069]&\$[8.55545]&\$[7.01025]&\$[0.87531]&
SAMPLE 4
NORMAL
\$[-11.1065]&\$[9.85256]&\$[5.05257]&\$[11.015]&\$[-11.5083]&
TREATED
\$[-0.49165]&\$[10.3196]&\$[-1.58474]&\$[-1.8529]&\$[13.6392]&
SAMPLE 5
NORMAL
\$[16.4458]&\$[-9.88316]&\$[-7.13849]&\$[12.1133]&\$[17.6353]&
TREATED
\$[-1.11229]&\$[11.5886]&\$[9.03358]&\$[0.85366]&\$[-5.85887]&
SAMPLE 6
NORMAL
\$[-3.9253]&\$[1.06364]&\$[12.966]&\$[14.1461]&\$[5.53247]&
TREATED
\$[-0.033067]&\$[10.5087]&\$[9.77443]&\$[7.92787]&\$[9.51638]&
SAMPLE 7
NORMAL
\$[-2.38845]&\$[12.5841]&\$[-0.0895046]&\$[-8.48639]&\$[3.5641]&

TREATED
\$[0.50101]&\$[5.25274]&\$[0.589342]&\$[-1.43796]&\$[0.652849]&
SAMPLE 8
NORMAL
\$[10.1582]&\$[2.11163]&\$[10.2481]&\$[-13.4811]&\$[9.36485]&
TREATED
\$[-3.84291]&\$[7.64629]&\$[-3.19898]&\$[5.57138]&\$[3.5288]&
SAMPLE 9
NORMAL
\$[19.8025]&\$[-2.59039]&\$[2.12872]&\$[-8.51505]&\$[0.767181]&
TREATED
\$[-2.31509]&\$[1.92478]&\$[4.26215]&\$[-0.321663]&\$[5.71838]&
SAMPLE 10
NORMAL
\$[14.5844]&\$[8.11888]&\$[-9.08874]&\$[10.1465]&\$[-5.43299]&
TREATED
\$[8.03473]&\$[23.7177]&\$[3.95051]&\$[-11.3605]&\$[-5.29255]&

BS20B004
alpha = 0.0463795
FWER = 0.218161
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[9.88597]&\$[-1.24637]&\$[7.44983]&\$[6.82438]&\$[0.0363291]&
TREATED
\$[-1.79997]&\$[3.90695]&\$[2.01823]&\$[-2.5327]&\$[-2.60186]&
SAMPLE 2
NORMAL
\$[-0.244392]&\$[2.19658]&\$[0.259783]&\$[20.7791]&\$[-3.8765]&
TREATED
\$[12.8474]&\$[3.76056]&\$[-5.05041]&\$[-3.70057]&\$[0.309227]&
SAMPLE 3
NORMAL
\$[8.91551]&\$[19.2478]&\$[5.71833]&\$[4.99196]&\$[0.853371]&
TREATED
\$[-23.6267]&\$[11.1587]&\$[11.5333]&\$[-5.8414]&\$[-3.28189]&
SAMPLE 4
NORMAL
\$[3.42172]&\$[1.27308]&\$[11.8924]&\$[-0.907493]&\$[2.59564]&
TREATED
\$[12.4589]&\$[2.86955]&\$[18.4576]&\$[2.71344]&\$[12.2765]&
SAMPLE 5
NORMAL
\$[5.23212]&\$[10.0543]&\$[14.7532]&\$[-3.30966]&\$[0.326031]&
TREATED
\$[-4.81497]&\$[17.1378]&\$[-10.7444]&\$[-0.845695]&\$[-16.2145]&
SAMPLE 6
NORMAL
\$[-3.58014]&\$[8.62457]&\$[1.91436]&\$[-4.45888]&\$[4.29133]&
TREATED
\$[6.55141]&\$[2.39393]&\$[2.33569]&\$[1.12193]&\$[4.89298]&
SAMPLE 7

NORMAL
\$[8.30316]&\$[-14.5788]&\$[-0.169542]&\$[-3.21159]&\$[3.88821]&
TREATED
\$[-12.2466]&\$[-7.23484]&\$[0.590784]&\$[10.6609]&\$[20.6632]&
SAMPLE 8
NORMAL
\$[16.6265]&\$[2.13997]&\$[9.89953]&\$[4.81886]&\$[6.02164]&
TREATED
\$[-1.73177]&\$[18.6352]&\$[7.21324]&\$[4.94773]&\$[-6.62285]&
SAMPLE 9
NORMAL
\$[7.37212]&\$[-9.34414]&\$[-9.67609]&\$[-2.45556]&\$[-5.45149]&
TREATED
\$[-4.29762]&\$[-15.2469]&\$[-8.26264]&\$[-2.07885]&\$[-0.88296]&
SAMPLE 10
NORMAL
\$[-0.819516]&\$[-1.56923]&\$[0.28992]&\$[-1.48848]&\$[-7.42287]&
TREATED
\$[-2.43583]&\$[-10.0317]&\$[-10.197]&\$[7.61792]&\$[14.2559]&

BS20B005
alpha = 0.0181227
FWER = 0.269035
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[3.04661]&\$[6.10343]&\$[15.8566]&\$[-0.218774]&\$[7.28117]&
TREATED
\$[7.40913]&\$[5.98391]&\$[-1.21084]&\$[-3.9045]&\$[1.35482]&
SAMPLE 2
NORMAL
\$[1.3925]&\$[-2.82716]&\$[1.58412]&\$[-1.36944]&\$[-9.05647]&
TREATED
\$[0.109393]&\$[6.0496]&\$[5.4998]&\$[6.75935]&\$[-2.03293]&
SAMPLE 3
NORMAL
\$[6.50478]&\$[6.62755]&\$[11.8057]&\$[2.95946]&\$[7.93799]&
TREATED
\$[2.13422]&\$[0.390231]&\$[-3.27787]&\$[-0.973335]&\$[-9.38674]&
SAMPLE 4
NORMAL
\$[-1.93098]&\$[-0.236414]&\$[-4.42759]&\$[3.7176]&\$[-5.01563]&
TREATED
\$[3.58439]&\$[-3.07348]&\$[1.13707]&\$[-6.00197]&\$[19.3012]&
SAMPLE 5
NORMAL
\$[7.05613]&\$[2.81418]&\$[2.23536]&\$[8.26632]&\$[6.99951]&
TREATED
\$[10.1597]&\$[13.8594]&\$[5.81731]&\$[-2.99626]&\$[15.2199]&
SAMPLE 6
NORMAL
\$[2.43258]&\$[-2.28464]&\$[9.47852]&\$[3.28917]&\$[5.45502]&
TREATED

\$[4.5245]&\$[1.43948]&\$[11.848]&\$[3.59732]&\$[1.2557]&
SAMPLE 7
NORMAL
\$[-9.06349]&\$[10.0126]&\$[-2.71516]&\$[5.7967]&\$[0.117448]&
TREATED
\$[1.17646]&\$[-0.300159]&\$[5.29234]&\$[9.85695]&\$[1.05107]&
SAMPLE 8
NORMAL
\$[-10.9143]&\$[8.8196]&\$[16.0663]&\$[19.3478]&\$[2.85383]&
TREATED
\$[-3.03554]&\$[1.06545]&\$[14.0167]&\$[11.8463]&\$[-1.20395]&
SAMPLE 9
NORMAL
\$[-1.97625]&\$[8.10618]&\$[7.56962]&\$[-11.0174]&\$[2.676]&
TREATED
\$[9.66912]&\$[3.89108]&\$[11.0248]&\$[6.39807]&\$[2.04458]&
SAMPLE 10
NORMAL
\$[-2.68658]&\$[-5.97007]&\$[-8.18006]&\$[-3.51034]&\$[5.11402]&
TREATED
\$[6.17056]&\$[-0.574286]&\$[-1.60478]&\$[3.28548]&\$[-2.03867]&

BS20B006
alpha = 0.0356694
FWER = 0.212635
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[-2.99852]&\$[1.71731]&\$[-3.76363]&\$[-1.92993]&\$[5.02706]&
TREATED
\$[7.47962]&\$[0.460257]&\$[4.42863]&\$[-10.8662]&\$[11.3112]&
SAMPLE 2
NORMAL
\$[6.45687]&\$[-6.22361]&\$[-8.59913]&\$[4.3797]&\$[-0.770582]&
TREATED
\$[5.64467]&\$[15.2931]&\$[-2.12455]&\$[12.8695]&\$[-0.168773]&
SAMPLE 3
NORMAL
\$[-8.12792]&\$[5.14046]&\$[9.96835]&\$[5.33408]&\$[5.69569]&
TREATED
\$[-3.92145]&\$[5.6675]&\$[-0.679054]&\$[-8.02011]&\$[5.80365]&
SAMPLE 4
NORMAL
\$[-7.611]&\$[5.56678]&\$[11.4852]&\$[1.0583]&\$[6.455]&
TREATED
\$[9.27904]&\$[14.4062]&\$[22.6121]&\$[3.53493]&\$[-5.76216]&
SAMPLE 5
NORMAL
\$[-12.9208]&\$[12.4202]&\$[-3.00713]&\$[1.69175]&\$[-4.06895]&
TREATED
\$[8.37024]&\$[4.69386]&\$[6.0276]&\$[0.131986]&\$[-20.6338]&
SAMPLE 6
NORMAL

\$[3.05189]&\$[-12.4418]&\$[1.99226]&\$[-5.70498]&\$[7.9545]&
TREATED
\$[13.1508]&\$[3.15756]&\$[2.42103]&\$[-8.81823]&\$[2.03154]&
SAMPLE 7
NORMAL
\$[2.88697]&\$[-4.50926]&\$[4.13249]&\$[-5.18611]&\$[-13.689]&
TREATED
\$[13.0023]&\$[9.85087]&\$[6.39913]&\$[-9.48587]&\$[1.19167]&
SAMPLE 8
NORMAL
\$[-9.85236]&\$[1.2014]&\$[0.699622]&\$[-0.531687]&\$[5.62012]&
TREATED
\$[-6.61742]&\$[-6.33076]&\$[9.3704]&\$[1.59295]&\$[3.47929]&
SAMPLE 9
NORMAL
\$[7.68813]&\$[-0.143309]&\$[-7.6863]&\$[12.3635]&\$[5.66252]&
TREATED
\$[-0.774699]&\$[-7.23494]&\$[-10.459]&\$[5.92329]&\$[-6.23513]&
SAMPLE 10
NORMAL
\$[17.7094]&\$[0.0331538]&\$[2.14155]&\$[10.1453]&\$[-0.815176]&
TREATED
\$[6.61371]&\$[8.90102]&\$[8.37823]&\$[-6.30781]&\$[-0.201567]&

BS20B007
alpha = 0.0397938
FWER = 0.212641
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[3.79571]&\$[-1.10626]&\$[3.20647]&\$[3.16139]&\$[3.92042]&
TREATED
\$[-0.0509772]&\$[1.54131]&\$[-1.01442]&\$[20.0927]&\$[6.8161]&
SAMPLE 2
NORMAL
\$[11.6892]&\$[10.4939]&\$[6.51846]&\$[-4.96418]&\$[13.414]&
TREATED
\$[7.31086]&\$[4.73941]&\$[-1.38946]&\$[-9.94421]&\$[3.09697]&
SAMPLE 3
NORMAL
\$[-6.23624]&\$[2.44739]&\$[-9.13389]&\$[10.5499]&\$[-9.73571]&
TREATED
\$[-5.95712]&\$[1.65569]&\$[-0.519106]&\$[7.11922]&\$[-3.50388]&
SAMPLE 4
NORMAL
\$[2.75671]&\$[17.0688]&\$[9.01156]&\$[7.51171]&\$[-11.905]&
TREATED
\$[15.1579]&\$[7.31241]&\$[2.30549]&\$[-0.742647]&\$[17.4607]&
SAMPLE 5
NORMAL
\$[4.17299]&\$[5.54464]&\$[5.11753]&\$[4.90612]&\$[3.95661]&
TREATED
\$[1.81575]&\$[4.57912]&\$[9.12351]&\$[9.07509]&\$[-5.04653]&

SAMPLE 6
NORMAL
\$[7.60637]&,\$[3.86658]&,\$[6.59363]&,\$[1.85491]&,\$[3.252]&
TREATED
\$[2.23702]&,\$[-6.02748]&,\$[-16.4516]&,\$[0.047551]&,\$[9.0678]&
SAMPLE 7
NORMAL
\$[4.32465]&,\$[7.62942]&,\$[4.07104]&,\$[6.30019]&,\$[1.11914]&
TREATED
\$[-0.134448]&,\$[0.379865]&,\$[3.11677]&,\$[3.44365]&,\$[-0.517741]&
SAMPLE 8
NORMAL
\$[5.19033]&,\$[7.34279]&,\$[22.5824]&,\$[-7.36814]&,\$[-13.8748]&
TREATED
\$[-4.56541]&,\$[-18.9523]&,\$[-2.02167]&,\$[2.59489]&,\$[-1.50389]&
SAMPLE 9
NORMAL
\$[-1.14308]&,\$[-1.18853]&,\$[1.67178]&,\$[-1.3026]&,\$[7.20807]&
TREATED
\$[4.81093]&,\$[-2.06556]&,\$[18.6089]&,\$[3.96705]&,\$[8.88544]&
SAMPLE 10
NORMAL
\$[3.49885]&,\$[1.17898]&,\$[5.51054]&,\$[3.56352]&,\$[3.45178]&
TREATED
\$[-6.47628]&,\$[1.33766]&,\$[3.58201]&,\$[-7.56]&,\$[-7.03212]&

BS20B008
alpha = 0.0101902
FWER = 0.388852
SAMPLE FOR TTEST : SAMPLE no. 6
SAMPLE 1
NORMAL
\$[-10.7715]&,\$[-4.5027]&,\$[-0.336567]&,\$[-14.7083]&,\$[-7.3051]&
TREATED
\$[9.78927]&,\$[8.54914]&,\$[-6.47749]&,\$[2.31359]&,\$[8.48773]&
SAMPLE 2
NORMAL
\$[2.45641]&,\$[-1.92801]&,\$[4.94498]&,\$[-0.107548]&,\$[1.48272]&
TREATED
\$[12.6579]&,\$[2.09769]&,\$[2.92213]&,\$[-11.8681]&,\$[7.4248]&
SAMPLE 3
NORMAL
\$[-6.30857]&,\$[12.7952]&,\$[-6.8892]&,\$[21.0163]&,\$[4.74947]&
TREATED
\$[0.850624]&,\$[11.8165]&,\$[8.10006]&,\$[-7.2391]&,\$[10.5913]&
SAMPLE 4
NORMAL
\$[8.93716]&,\$[-2.3927]&,\$[-7.54032]&,\$[30.0135]&,\$[-3.94288]&
TREATED
\$[2.87569]&,\$[2.45097]&,\$[1.16606]&,\$[4.68772]&,\$[2.9437]&
SAMPLE 5
NORMAL
\$[2.85521]&,\$[19.8472]&,\$[-2.09587]&,\$[-3.00868]&,\$[0.26467]&

TREATED
\$[3.73396]&\$[-0.459311]&\$[3.65323]&\$[7.16922]&\$[6.13408]&
SAMPLE 6
NORMAL
\$[8.83012]&\$[28.5922]&\$[17.2298]&\$[7.85486]&\$[6.57766]&
TREATED
\$[-1.6925]&\$[3.07236]&\$[-7.9346]&\$[-4.05461]&\$[3.97307]&
SAMPLE 7
NORMAL
\$[2.05619]&\$[6.93229]&\$[6.27841]&\$[2.13304]&\$[6.37931]&
TREATED
\$[-6.4133]&\$[2.13621]&\$[5.81229]&\$[3.32785]&\$[-3.83264]&
SAMPLE 8
NORMAL
\$[5.6652]&\$[3.07249]&\$[10.6339]&\$[4.36589]&\$[-0.921585]&
TREATED
\$[-9.97648]&\$[3.12603]&\$[4.68104]&\$[-0.908917]&\$[6.18323]&
SAMPLE 9
NORMAL
\$[2.20869]&\$[5.94409]&\$[6.22919]&\$[4.88344]&\$[-1.21881]&
TREATED
\$[1.99697]&\$[23.0877]&\$[7.72869]&\$[-1.54847]&\$[-0.425018]&
SAMPLE 10
NORMAL
\$[7.18668]&\$[8.41549]&\$[7.60969]&\$[15.6421]&\$[11.1686]&
TREATED
\$[6.21281]&\$[-2.81986]&\$[5.75526]&\$[7.61338]&\$[1.30275]&

BS20B011
alpha = 0.0368396
FWER = 0.399755
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[2.7404]&\$[-2.19989]&\$[19.6295]&\$[-1.43934]&\$[-10.9419]&
TREATED
\$[-0.47829]&\$[-7.84612]&\$[1.93793]&\$[8.39046]&\$[6.91352]&
SAMPLE 2
NORMAL
\$[-4.11119]&\$[-9.57393]&\$[-0.149398]&\$[6.23371]&\$[2.21711]&
TREATED
\$[12.7271]&\$[-0.72607]&\$[10.2149]&\$[3.65647]&\$[-6.03536]&
SAMPLE 3
NORMAL
\$[-4.49512]&\$[-1.76301]&\$[4.74463]&\$[12.9984]&\$[-3.14012]&
TREATED
\$[7.09892]&\$[0.816369]&\$[-0.575758]&\$[2.42197]&\$[-0.431684]&
SAMPLE 4
NORMAL
\$[-3.03158]&\$[4.36698]&\$[4.82086]&\$[11.7366]&\$[1.09062]&
TREATED
\$[0.557027]&\$[8.57245]&\$[3.61938]&\$[-13.6415]&\$[-10.0776]&
SAMPLE 5

NORMAL
\$[13.0087]&\$[-18.0681]&\$[-12.8034]&\$[6.16433]&\$[14.4335]&
TREATED
\$[14.6708]&\$[-3.5334]&\$[5.11867]&\$[-2.86161]&\$[5.26969]&
SAMPLE 6
NORMAL
\$[2.46596]&\$[-8.362]&\$[3.62045]&\$[2.16003]&\$[-1.31415]&
TREATED
\$[1.09079]&\$[4.61281]&\$[2.35173]&\$[2.53432]&\$[-5.90943]&
SAMPLE 7
NORMAL
\$[-4.28879]&\$[9.14788]&\$[3.28334]&\$[0.360354]&\$[-2.00946]&
TREATED
\$[4.43326]&\$[16.3495]&\$[-2.22126]&\$[19.3027]&\$[15.0648]&
SAMPLE 8
NORMAL
\$[8.09456]&\$[5.46035]&\$[15.4749]&\$[-2.27982]&\$[6.27582]&
TREATED
\$[-8.40526]&\$[-5.44658]&\$[2.60777]&\$[11.3714]&\$[1.02657]&
SAMPLE 9
NORMAL
\$[-0.407074]&\$[1.52068]&\$[21.8711]&\$[10.7482]&\$[1.09377]&
TREATED
\$[-10.6594]&\$[-0.377908]&\$[1.90871]&\$[-2.40436]&\$[-14.6766]&
SAMPLE 10
NORMAL
\$[7.90905]&\$[-6.29842]&\$[-1.88245]&\$[5.17389]&\$[-0.10967]&
TREATED
\$[1.03928]&\$[8.47299]&\$[-3.19983]&\$[0.587574]&\$[2.82481]&

BS20B012
alpha = 0.00809509
FWER = 0.260415
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[12.6693]&\$[3.58772]&\$[-1.40997]&\$[21.7078]&\$[-1.3609]&
TREATED
\$[10.4867]&\$[-3.6743]&\$[-2.13268]&\$[-2.93342]&\$[-2.74311]&
SAMPLE 2
NORMAL
\$[-6.18415]&\$[-1.93015]&\$[6.30899]&\$[-11.9042]&\$[8.6186]&
TREATED
\$[0.666107]&\$[5.65952]&\$[-12.3713]&\$[9.53054]&\$[17.1645]&
SAMPLE 3
NORMAL
\$[-11.3824]&\$[12.5701]&\$[-8.31375]&\$[-0.249133]&\$[5.48826]&
TREATED
\$[-4.17174]&\$[2.04393]&\$[2.37544]&\$[12.9404]&\$[2.14639]&
SAMPLE 4
NORMAL
\$[0.704491]&\$[-0.437875]&\$[7.29141]&\$[0.997892]&\$[2.72716]&
TREATED

\$[2.29707]&\$[5.80592]&\$[12.0507]&\$[2.21295]&\$[-0.848842]&
SAMPLE 5
NORMAL
\$[-1.48647]&\$[8.60454]&\$[4.8001]&\$[0.778279]&\$[3.79827]&
TREATED
\$[-6.16863]&\$[23.8939]&\$[19.5516]&\$[-0.0312832]&\$[3.82093]&
SAMPLE 6
NORMAL
\$[9.25817]&\$[3.82109]&\$[3.82985]&\$[-14.2828]&\$[31.5559]&
TREATED
\$[6.86064]&\$[7.01515]&\$[7.59268]&\$[7.94446]&\$[1.3076]&
SAMPLE 7
NORMAL
\$[3.77339]&\$[21.5444]&\$[12.3881]&\$[1.60294]&\$[3.85033]&
TREATED
\$[-6.09798]&\$[0.0921668]&\$[2.18814]&\$[2.38206]&\$[-1.13431]&
SAMPLE 8
NORMAL
\$[-7.9858]&\$[-12.9424]&\$[-10.7859]&\$[-5.73237]&\$[-8.19978]&
TREATED
\$[2.01647]&\$[11.3635]&\$[6.30788]&\$[5.77549]&\$[-1.19024]&
SAMPLE 9
NORMAL
\$[1.50236]&\$[0.327257]&\$[4.76987]&\$[-13.6334]&\$[15.0673]&
TREATED
\$[1.54086]&\$[-11.1175]&\$[13.453]&\$[-1.35128]&\$[0.0726771]&
SAMPLE 10
NORMAL
\$[1.80525]&\$[-7.53727]&\$[5.823]&\$[-7.12376]&\$[11.0819]&
TREATED
\$[11.1573]&\$[16.2389]&\$[9.13189]&\$[18.1326]&\$[-6.47069]&

BS20B013
alpha = 0.0221872
FWER = 0.233345
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[-6.43194]&\$[15.5981]&\$[8.417]&\$[1.78059]&\$[15.4303]&
TREATED
\$[14.8406]&\$[0.854342]&\$[4.45173]&\$[3.37475]&\$[14.7939]&
SAMPLE 2
NORMAL
\$[11.4323]&\$[14.5756]&\$[13.3465]&\$[19.8395]&\$[-0.413095]&
TREATED
\$[-5.07676]&\$[16.938]&\$[-2.62725]&\$[-0.0231286]&\$[11.5052]&
SAMPLE 3
NORMAL
\$[8.70726]&\$[-7.28278]&\$[6.63613]&\$[0.773789]&\$[-6.55979]&
TREATED
\$[-2.82106]&\$[3.81848]&\$[-8.10834]&\$[6.69685]&\$[-3.00202]&
SAMPLE 4
NORMAL

\$[5.55057]&\$[0.119592]&\$[-1.40142]&\$[-4.971]&\$[-3.00103]&
TREATED
\$[10.5684]&\$[5.90457]&\$[5.03094]&\$[5.55446]&\$[-4.91108]&
SAMPLE 5
NORMAL
\$[-0.818711]&\$[-2.08665]&\$[5.46922]&\$[15.9682]&\$[-3.02617]&
TREATED
\$[-0.235381]&\$[-6.43882]&\$[6.63491]&\$[-0.69956]&\$[1.67976]&
SAMPLE 6
NORMAL
\$[5.00604]&\$[2.21718]&\$[-0.902076]&\$[5.35382]&\$[-5.14595]&
TREATED
\$[-9.04737]&\$[4.65269]&\$[11.5404]&\$[0.264263]&\$[1.12638]&
SAMPLE 7
NORMAL
\$[-2.39269]&\$[12.2754]&\$[6.93451]&\$[5.43133]&\$[2.5117]&
TREATED
\$[-1.76932]&\$[10.596]&\$[7.54263]&\$[1.44614]&\$[0.956906]&
SAMPLE 8
NORMAL
\$[9.57042]&\$[-7.04933]&\$[14.7992]&\$[2.44304]&\$[36.5133]&
TREATED
\$[3.99083]&\$[-2.73344]&\$[-2.73107]&\$[-3.21106]&\$[6.30217]&
SAMPLE 9
NORMAL
\$[13.6259]&\$[-2.96256]&\$[1.24381]&\$[-9.62079]&\$[-0.591492]&
TREATED
\$[17.6425]&\$[-4.4579]&\$[-6.18968]&\$[11.7272]&\$[-8.64621]&
SAMPLE 10
NORMAL
\$[4.51312]&\$[2.27733]&\$[-3.69797]&\$[3.79495]&\$[8.98621]&
TREATED
\$[-8.98082]&\$[0.075082]&\$[9.0808]&\$[4.75918]&\$[23.0018]&

BS20B014
alpha = 0.0354613
FWER = 0.288355
SAMPLE FOR TTEST : SAMPLE no. 9
SAMPLE 1
NORMAL
\$[-9.54495]&\$[-1.75597]&\$[3.51572]&\$[0.528847]&\$[-3.0503]&
TREATED
\$[-4.85475]&\$[5.59343]&\$[-1.84029]&\$[6.10687]&\$[-10.4596]&
SAMPLE 2
NORMAL
\$[-5.47268]&\$[10.7907]&\$[3.90988]&\$[-5.29289]&\$[-12.5238]&
TREATED
\$[7.77755]&\$[14.1432]&\$[0.0246846]&\$[-0.700411]&\$[-4.4864]&
SAMPLE 3
NORMAL
\$[14.5334]&\$[10.8376]&\$[-15.7923]&\$[6.80145]&\$[7.13152]&
TREATED
\$[8.99168]&\$[-3.22021]&\$[-5.33197]&\$[9.28958]&\$[6.22677]&

SAMPLE 4
NORMAL
\$[-2.78337]&\$[-0.912847]&\$[0.369012]&\$[1.85626]&\$[0.244812]&
TREATED
\$[0.73535]&\$[2.07035]&\$[4.7056]&\$[12.7347]&\$[3.93225]&
SAMPLE 5
NORMAL
\$[14.2955]&\$[7.06515]&\$[-0.749246]&\$[5.47936]&\$[13.314]&
TREATED
\$[8.63887]&\$[-13.2519]&\$[1.47553]&\$[4.76482]&\$[-1.75655]&
SAMPLE 6
NORMAL
\$[-2.01041]&\$[18.2017]&\$[-0.887563]&\$[-3.39525]&\$[0.619818]&
TREATED
\$[11.0266]&\$[-17.3502]&\$[-8.46446]&\$[-17.039]&\$[-5.00281]&
SAMPLE 7
NORMAL
\$[5.43062]&\$[-2.02399]&\$[6.90309]&\$[6.87962]&\$[-0.982988]&
TREATED
\$[8.09958]&\$[-18.9429]&\$[10.4001]&\$[5.76377]&\$[1.51478]&
SAMPLE 8
NORMAL
\$[4.58451]&\$[1.4019]&\$[-0.630807]&\$[1.68529]&\$[0.65844]&
TREATED
\$[2.19962]&\$[7.41335]&\$[-7.73844]&\$[-5.29065]&\$[-2.50344]&
SAMPLE 9
NORMAL
\$[-0.954889]&\$[-0.416378]&\$[7.30802]&\$[-11.724]&\$[-6.67498]&
TREATED
\$[4.48189]&\$[-8.43127]&\$[1.15145]&\$[7.91533]&\$[-0.671453]&
SAMPLE 10
NORMAL
\$[1.30643]&\$[14.4532]&\$[11.2743]&\$[13.4162]&\$[-16.0821]&
TREATED
\$[11.3955]&\$[9.04317]&\$[19.6917]&\$[8.36452]&\$[-8.11539]&

BS20B015
alpha = 0.0362862
FWER = 0.384443
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[5.19539]&\$[4.94734]&\$[2.65393]&\$[12.0732]&\$[3.08136]&
TREATED
\$[2.43607]&\$[-3.56555]&\$[1.04284]&\$[-2.39482]&\$[-9.07298]&
SAMPLE 2
NORMAL
\$[1.18393]&\$[-4.87637]&\$[-9.30236]&\$[1.4136]&\$[1.94607]&
TREATED
\$[-9.34418]&\$[6.38013]&\$[0.597355]&\$[4.53031]&\$[-4.0314]&
SAMPLE 3
NORMAL
\$[6.64492]&\$[1.67124]&\$[-0.729692]&\$[20.7872]&\$[-0.54898]&

TREATED
\$[-1.88317]&\$[5.64296]&\$[-8.63443]&\$[-8.50117]&\$[12.4993]&
SAMPLE 4
NORMAL
\$[3.09151]&\$[-21.7928]&\$[2.07609]&\$[-3.32832]&\$[1.86521]&
TREATED
\$[6.53136]&\$[-3.64748]&\$[2.2403]&\$[-0.850544]&\$[5.87786]&
SAMPLE 5
NORMAL
\$[-3.93525]&\$[-2.13404]&\$[8.39994]&\$[-8.26847]&\$[7.57739]&
TREATED
\$[13.7327]&\$[-2.80149]&\$[-6.75449]&\$[-1.45802]&\$[-22.9925]&
SAMPLE 6
NORMAL
\$[6.72504]&\$[-1.80904]&\$[-1.43792]&\$[1.37956]&\$[9.78491]&
TREATED
\$[14.8095]&\$[13.0596]&\$[14.2395]&\$[-27.4231]&\$[-6.05583]&
SAMPLE 7
NORMAL
\$[1.05289]&\$[2.19182]&\$[10.4947]&\$[-2.0008]&\$[4.50731]&
TREATED
\$[-7.05616]&\$[6.55202]&\$[4.49736]&\$[-8.83397]&\$[11.4264]&
SAMPLE 8
NORMAL
\$[-4.3426]&\$[-1.95444]&\$[2.87668]&\$[-1.56944]&\$[-8.60562]&
TREATED
\$[26.6365]&\$[11.493]&\$[18.3021]&\$[4.1871]&\$[-2.8558]&
SAMPLE 9
NORMAL
\$[10.6445]&\$[3.10511]&\$[-5.1364]&\$[-1.78233]&\$[-1.23541]&
TREATED
\$[-10.3262]&\$[-6.15147]&\$[-18.8557]&\$[-10.9582]&\$[-1.33214]&
SAMPLE 10
NORMAL
\$[-3.54432]&\$[7.30167]&\$[7.33452]&\$[-3.29506]&\$[2.21365]&
TREATED
\$[-3.6284]&\$[2.75098]&\$[-0.758605]&\$[-2.55585]&\$[3.32062]&

BS20B016
alpha = 0.0163605
FWER = 0.205231
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[12.0466]&\$[9.6715]&\$[8.70518]&\$[-2.9383]&\$[3.5524]&
TREATED
\$[2.6621]&\$[2.08381]&\$[-2.4956]&\$[-8.33978]&\$[2.45027]&
SAMPLE 2
NORMAL
\$[3.01058]&\$[-0.0386331]&\$[5.66822]&\$[0.909835]&\$[8.10929]&
TREATED
\$[2.62248]&\$[11.7738]&\$[-13.4284]&\$[4.54144]&\$[13.1703]&
SAMPLE 3

NORMAL
\$[3.54473]&\$[12.5662]&\$[4.51803]&\$[8.64788]&\$[2.09931]&
TREATED
\$[-3.63743]&\$[-1.84736]&\$[0.299972]&\$[9.05918]&\$[6.18915]&
SAMPLE 4
NORMAL
\$[-5.92592]&\$[1.63383]&\$[7.24018]&\$[-3.05806]&\$[-4.04513]&
TREATED
\$[6.38813]&\$[7.2734]&\$[-12.2327]&\$[11.4023]&\$[-10.8397]&
SAMPLE 5
NORMAL
\$[13.6303]&\$[5.1454]&\$[-1.29147]&\$[14.8324]&\$[0.161554]&
TREATED
\$[2.13019]&\$[2.32448]&\$[3.22494]&\$[4.36153]&\$[6.15477]&
SAMPLE 6
NORMAL
\$[7.59757]&\$[-2.42847]&\$[3.98774]&\$[1.69082]&\$[-0.232962]&
TREATED
\$[-2.18047]&\$[8.5779]&\$[1.4829]&\$[9.99604]&\$[-2.50212]&
SAMPLE 7
NORMAL
\$[-4.44659]&\$[-1.75524]&\$[1.85312]&\$[3.8809]&\$[18.464]&
TREATED
\$[-1.66882]&\$[4.08304]&\$[1.60831]&\$[11.5224]&\$[-6.86937]&
SAMPLE 8
NORMAL
\$[3.81965]&\$[10.9936]&\$[11.2755]&\$[-4.40248]&\$[11.8568]&
TREATED
\$[-0.278915]&\$[-7.46044]&\$[0.535657]&\$[-10.2646]&\$[-7.71249]&
SAMPLE 9
NORMAL
\$[1.72997]&\$[-1.47484]&\$[-5.65993]&\$[-0.504239]&\$[-3.33134]&
TREATED
\$[0.233749]&\$[-4.56231]&\$[4.0137]&\$[4.12512]&\$[-8.91896]&
SAMPLE 10
NORMAL
\$[1.79773]&\$[0.442681]&\$[-5.93919]&\$[2.49372]&\$[-4.64439]&
TREATED
\$[3.89306]&\$[9.40456]&\$[2.63165]&\$[19.9824]&\$[13.7769]&

BS20B017
alpha = 0.0490999
FWER = 0.39713
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[-9.79016]&\$[-4.91364]&\$[7.99156]&\$[4.24965]&\$[-7.32647]&
TREATED
\$[2.1011]&\$[12.5172]&\$[4.91375]&\$[5.54427]&\$[-4.23647]&
SAMPLE 2
NORMAL
\$[9.09498]&\$[-0.375145]&\$[-6.1413]&\$[5.85555]&\$[13.8943]&
TREATED

\$[2.93499]&\$[1.47759]&\$[1.28591]&\$[3.12901]&\$[0.425036]&
SAMPLE 3
NORMAL
\$[12.1098]&\$[-4.086]&\$[-2.23069]&\$[8.69088]&\$[-7.79727]&
TREATED
\$[5.84574]&\$[3.64045]&\$[-1.77538]&\$[0.300426]&\$[3.18803]&
SAMPLE 4
NORMAL
\$[-6.40748]&\$[4.68881]&\$[8.90648]&\$[7.46183]&\$[13.7955]&
TREATED
\$[1.06105]&\$[2.35441]&\$[10.5217]&\$[8.46812]&\$[3.25893]&
SAMPLE 5
NORMAL
\$[6.86159]&\$[6.89209]&\$[2.95016]&\$[5.65774]&\$[3.79854]&
TREATED
\$[4.49193]&\$[2.18827]&\$[2.55629]&\$[-2.06331]&\$[3.46153]&
SAMPLE 6
NORMAL
\$[5.78315]&\$[4.72544]&\$[-4.46982]&\$[-0.513329]&\$[-7.37409]&
TREATED
\$[-10.9152]&\$[1.4162]&\$[7.21434]&\$[-10.4283]&\$[12.974]&
SAMPLE 7
NORMAL
\$[0.888642]&\$[4.19852]&\$[8.81342]&\$[12.3117]&\$[-14.1215]&
TREATED
\$[-7.31089]&\$[3.55838]&\$[4.18209]&\$[-5.36191]&\$[5.63018]&
SAMPLE 8
NORMAL
\$[4.95766]&\$[18.9918]&\$[9.68128]&\$[-0.44829]&\$[1.38464]&
TREATED
\$[16.3047]&\$[-0.00828511]&\$[8.14669]&\$[8.23741]&\$[-3.3461]&
SAMPLE 9
NORMAL
\$[5.30972]&\$[22.5479]&\$[10.4491]&\$[5.02664]&\$[-9.21287]&
TREATED
\$[14.0951]&\$[10.0204]&\$[2.73039]&\$[-0.17462]&\$[10.789]&
SAMPLE 10
NORMAL
\$[11.1575]&\$[11.7538]&\$[10.363]&\$[9.37877]&\$[2.76105]&
TREATED
\$[6.64536]&\$[-1.2469]&\$[5.87125]&\$[-2.64127]&\$[-4.57284]&

BS20B020
alpha = 0.0498931
FWER = 0.224854
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[-2.02527]&\$[-1.4873]&\$[-8.94146]&\$[12.9897]&\$[-7.89567]&
TREATED
\$[3.7324]&\$[2.24274]&\$[10.3664]&\$[4.9275]&\$[1.12188]&
SAMPLE 2
NORMAL

\$[3.31486]&\$[-0.708495]&\$[1.50056]&\$[0.478577]&\$[-0.292897]&
TREATED
\$[4.32193]&\$[17.4656]&\$[0.364994]&\$[1.39601]&\$[15.8135]&
SAMPLE 3
NORMAL
\$[-6.97748]&\$[-12.7639]&\$[3.81273]&\$[0.926622]&\$[6.463]&
TREATED
\$[-1.4419]&\$[-8.11112]&\$[5.23797]&\$[12.5078]&\$[12.7102]&
SAMPLE 4
NORMAL
\$[-2.11515]&\$[3.26163]&\$[11.6331]&\$[3.3227]&\$[10.8718]&
TREATED
\$[-4.8365]&\$[-5.20538]&\$[19.1204]&\$[-14.8261]&\$[2.02226]&
SAMPLE 5
NORMAL
\$[1.08276]&\$[3.57311]&\$[-2.49263]&\$[0.739653]&\$[-2.95485]&
TREATED
\$[9.05346]&\$[16.5788]&\$[14.3096]&\$[-2.96568]&\$[4.93697]&
SAMPLE 6
NORMAL
\$[0.98649]&\$[-5.09809]&\$[5.23211]&\$[-11.7691]&\$[7.7355]&
TREATED
\$[-1.03082]&\$[6.17777]&\$[3.52068]&\$[4.51445]&\$[-3.71665]&
SAMPLE 7
NORMAL
\$[-8.76296]&\$[9.36796]&\$[13.5622]&\$[0.438351]&\$[8.39659]&
TREATED
\$[5.66032]&\$[1.75944]&\$[6.50413]&\$[2.30868]&\$[4.41309]&
SAMPLE 8
NORMAL
\$[9.2229]&\$[13.514]&\$[-11.3704]&\$[4.42161]&\$[6.30172]&
TREATED
\$[7.67177]&\$[0.029667]&\$[8.77954]&\$[0.18885]&\$[2.40454]&
SAMPLE 9
NORMAL
\$[2.59842]&\$[-10.7814]&\$[0.338221]&\$[-0.686075]&\$[5.06651]&
TREATED
\$[-2.54339]&\$[-2.92194]&\$[2.77942]&\$[-4.39139]&\$[-3.1707]&
SAMPLE 10
NORMAL
\$[-7.26528]&\$[-6.22947]&\$[7.47286]&\$[-1.42481]&\$[6.6985]&
TREATED
\$[3.83927]&\$[4.65995]&\$[4.6159]&\$[5.62747]&\$[-0.0216609]&

BS20B021
alpha = 0.0231018
FWER = 0.231407
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[7.02546]&\$[-0.467091]&\$[2.69752]&\$[4.94637]&\$[9.64647]&
TREATED
\$[2.47277]&\$[16.4986]&\$[23.3644]&\$[5.97798]&\$[5.57479]&

SAMPLE 2
NORMAL
\$[7.74514]&\$[7.26268]&\$[-8.37975]&\$[19.2572]&\$[20.2258]&
TREATED
\$[3.61176]&\$[3.29786]&\$[-0.995955]&\$[3.52455]&\$[-0.431341]&
SAMPLE 3
NORMAL
\$[-11.8197]&\$[6.04751]&\$[-4.65605]&\$[4.261]&\$[0.730391]&
TREATED
\$[-3.41435]&\$[-2.21927]&\$[3.24352]&\$[-4.89077]&\$[7.00267]&
SAMPLE 4
NORMAL
\$[7.32737]&\$[-0.278203]&\$[7.73656]&\$[4.98682]&\$[0.368226]&
TREATED
\$[14.473]&\$[19.2618]&\$[1.81362]&\$[-1.06816]&\$[11.5253]&
SAMPLE 5
NORMAL
\$[18.3314]&\$[9.02578]&\$[7.83387]&\$[11.2161]&\$[7.13011]&
TREATED
\$[10.7752]&\$[-3.47871]&\$[3.75882]&\$[16.5684]&\$[16.9873]&
SAMPLE 6
NORMAL
\$[3.17038]&\$[-1.18451]&\$[-2.51664]&\$[0.0351775]&\$[2.9609]&
TREATED
\$[-11.8849]&\$[-2.6095]&\$[3.45163]&\$[14.659]&\$[10.5734]&
SAMPLE 7
NORMAL
\$[-0.654794]&\$[-7.50118]&\$[9.48661]&\$[0.385368]&\$[3.19739]&
TREATED
\$[11.6565]&\$[0.0205659]&\$[6.53396]&\$[5.88568]&\$[-7.54302]&
SAMPLE 8
NORMAL
\$[0.52749]&\$[4.10486]&\$[10.4142]&\$[8.74366]&\$[1.89637]&
TREATED
\$[8.42985]&\$[4.5664]&\$[2.29203]&\$[11.0648]&\$[9.49525]&
SAMPLE 9
NORMAL
\$[14.4837]&\$[7.7596]&\$[8.60579]&\$[-6.05362]&\$[-5.93477]&
TREATED
\$[12.1625]&\$[12.8377]&\$[11.9016]&\$[4.52982]&\$[8.49442]&
SAMPLE 10
NORMAL
\$[2.33057]&\$[14.8789]&\$[-6.3283]&\$[-5.04689]&\$[14.7331]&
TREATED
\$[9.91761]&\$[-6.9079]&\$[3.74084]&\$[-7.37666]&\$[1.78176]&

BS20B022
alpha = 0.0306794
FWER = 0.384987
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[17.9145]&\$[14.8828]&\$[-10.2132]&\$[-26.2654]&\$[-7.32847]&

TREATED
\$[1.63367]&\$[2.79611]&\$[14.3843]&\$[-6.26458]&\$[-3.99709]&
SAMPLE 2
NORMAL
\$[2.39257]&\$[10.3317]&\$[-15.7562]&\$[1.06317]&\$[13.13]&
TREATED
\$[4.11113]&\$[19.7778]&\$[7.9873]&\$[-8.09106]&\$[10.3119]&
SAMPLE 3
NORMAL
\$[-8.2952]&\$[0.0768695]&\$[-3.73016]&\$[9.24153]&\$[-1.57133]&
TREATED
\$[6.70335]&\$[3.77262]&\$[-4.10537]&\$[-10.2978]&\$[-6.41654]&
SAMPLE 4
NORMAL
\$[2.43739]&\$[10.6809]&\$[8.01538]&\$[5.98999]&\$[4.31775]&
TREATED
\$[3.35595]&\$[2.68535]&\$[11.9829]&\$[9.19256]&\$[3.68154]&
SAMPLE 5
NORMAL
\$[-0.67952]&\$[0.886571]&\$[-3.48545]&\$[6.23776]&\$[-1.66059]&
TREATED
\$[7.30835]&\$[10.6539]&\$[-7.19249]&\$[-10.4799]&\$[3.09178]&
SAMPLE 6
NORMAL
\$[-9.1483]&\$[11.973]&\$[7.48731]&\$[4.37648]&\$[5.29608]&
TREATED
\$[-0.850677]&\$[-6.70134]&\$[-3.04776]&\$[3.75693]&\$[2.18658]&
SAMPLE 7
NORMAL
\$[-6.30863]&\$[5.48085]&\$[12.8834]&\$[6.72927]&\$[-3.2129]&
TREATED
\$[5.78421]&\$[3.5018]&\$[2.54448]&\$[8.599]&\$[0.849401]&
SAMPLE 8
NORMAL
\$[1.14069]&\$[0.441688]&\$[5.33879]&\$[3.78241]&\$[2.06422]&
TREATED
\$[-0.0914814]&\$[0.948125]&\$[-2.99222]&\$[1.03992]&\$[6.72301]&
SAMPLE 9
NORMAL
\$[3.6958]&\$[5.40402]&\$[2.63689]&\$[6.19891]&\$[12.3787]&
TREATED
\$[1.10093]&\$[5.80606]&\$[10.5914]&\$[3.6063]&\$[5.53505]&
SAMPLE 10
NORMAL
\$[1.1533]&\$[-2.16916]&\$[1.4584]&\$[0.790531]&\$[1.84865]&
TREATED
\$[-14.0436]&\$[-7.70772]&\$[0.781608]&\$[1.98911]&\$[-5.64291]&

BS20B023
alpha = 0.00344696
FWER = 0.281464
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1

NORMAL
\$[-2.53183]&\$[6.08034]&\$[2.80783]&\$[1.48983]&\$[-7.00429]&
TREATED
\$[5.15174]&\$[11.5723]&\$[19.674]&\$[3.0867]&\$[-2.4434]&
SAMPLE 2
NORMAL
\$[2.12765]&\$[-0.330421]&\$[2.70641]&\$[-0.145101]&\$[-1.2597]&
TREATED
\$[-8.58234]&\$[-10.8937]&\$[-3.48454]&\$[17.1797]&\$[-19.2134]&
SAMPLE 3
NORMAL
\$[23.4837]&\$[2.61205]&\$[9.48163]&\$[-1.24753]&\$[-8.16208]&
TREATED
\$[-1.55119]&\$[0.28878]&\$[6.79458]&\$[1.04978]&\$[3.46206]&
SAMPLE 4
NORMAL
\$[-5.0272]&\$[-7.26285]&\$[-7.37788]&\$[-3.36416]&\$[11.0431]&
TREATED
\$[0.0706941]&\$[11.7766]&\$[12.3663]&\$[-3.69244]&\$[-0.39813]&
SAMPLE 5
NORMAL
\$[2.51002]&\$[6.62879]&\$[3.42995]&\$[-8.05136]&\$[16.7176]&
TREATED
\$[4.44557]&\$[1.06423]&\$[0.646185]&\$[1.1213]&\$[0.778436]&
SAMPLE 6
NORMAL
\$[-4.48532]&\$[3.27695]&\$[12.3272]&\$[-16.0816]&\$[-1.78994]&
TREATED
\$[1.22154]&\$[7.59531]&\$[-1.63822]&\$[0.837925]&\$[-3.6824]&
SAMPLE 7
NORMAL
\$[5.22067]&\$[-10.4033]&\$[-4.63302]&\$[-3.60516]&\$[3.93879]&
TREATED
\$[0.862197]&\$[-7.30062]&\$[13.0937]&\$[-7.42433]&\$[-3.12659]&
SAMPLE 8
NORMAL
\$[24.9407]&\$[-9.11059]&\$[-4.23548]&\$[-4.69714]&\$[-5.65435]&
TREATED
\$[-0.907305]&\$[0.135264]&\$[3.42915]&\$[-1.20118]&\$[3.3711]&
SAMPLE 9
NORMAL
\$[2.40982]&\$[-3.97364]&\$[-1.67094]&\$[2.42273]&\$[1.61337]&
TREATED
\$[-0.283093]&\$[-0.38265]&\$[-3.78473]&\$[12.3431]&\$[12.4403]&
SAMPLE 10
NORMAL
\$[3.62719]&\$[0.38487]&\$[-0.100455]&\$[3.46379]&\$[3.48062]&
TREATED
\$[-4.88952]&\$[7.81998]&\$[1.9543]&\$[-5.52332]&\$[7.66703]&

BS20B024
alpha = 0.0467667
FWER = 0.223532

SAMPLE FOR TTEST : SAMPLE no. 6

SAMPLE 1

NORMAL

\$[7.45134]&\$[9.55951]&\$[-2.98515]&\$[7.80909]&\$[1.00751]&
TREATED

\$[-8.30333]&\$[2.14599]&\$[19.4699]&\$[11.5245]&\$[-1.67437]&

SAMPLE 2

NORMAL

\$[9.00528]&\$[-1.01745]&\$[0.218784]&\$[12.4009]&\$[20.3914]&

TREATED

\$[13.2167]&\$[0.124708]&\$[0.398592]&\$[-1.77519]&\$[9.90383]&

SAMPLE 3

NORMAL

\$[-9.48688]&\$[-6.53646]&\$[2.75479]&\$[-4.2265]&\$[-2.52045]&

TREATED

\$[-5.16946]&\$[0.0783664]&\$[10.1467]&\$[8.25901]&\$[-3.34369]&

SAMPLE 4

NORMAL

\$[9.37312]&\$[-7.91503]&\$[-0.0856047]&\$[0.623687]&\$[9.30657]&

TREATED

\$[8.99531]&\$[2.56164]&\$[-0.62075]&\$[4.00814]&\$[-4.71291]&

SAMPLE 5

NORMAL

\$[11.6621]&\$[-7.18354]&\$[-1.41705]&\$[-4.26985]&\$[3.40093]&

TREATED

\$[-2.69165]&\$[10.1132]&\$[6.89368]&\$[2.33458]&\$[15.9772]&

SAMPLE 6

NORMAL

\$[-8.14353]&\$[7.77308]&\$[-2.91012]&\$[2.95064]&\$[5.67501]&

TREATED

\$[6.60479]&\$[-3.48654]&\$[1.46252]&\$[2.81138]&\$[-6.45664]&

SAMPLE 7

NORMAL

\$[6.9472]&\$[-10.0305]&\$[-15.5042]&\$[-6.23037]&\$[-6.33156]&

TREATED

\$[1.74768]&\$[4.67947]&\$[4.59681]&\$[2.5068]&\$[1.83395]&

SAMPLE 8

NORMAL

\$[-3.58815]&\$[-3.74823]&\$[20.4536]&\$[-0.967614]&\$[13.0061]&

TREATED

\$[12.8612]&\$[6.259]&\$[3.21656]&\$[2.31201]&\$[10.0667]&

SAMPLE 9

NORMAL

\$[9.41096]&\$[-0.775075]&\$[4.06931]&\$[3.82384]&\$[1.35691]&

TREATED

\$[5.01595]&\$[-0.322029]&\$[7.25946]&\$[4.58575]&\$[4.00375]&

SAMPLE 10

NORMAL

\$[-3.97398]&\$[3.4385]&\$[-2.21819]&\$[-1.88376]&\$[0.556648]&

TREATED

\$[-0.66892]&\$[2.40025]&\$[7.31134]&\$[3.25466]&\$[11.4901]&

BS20B025

alpha = 0.015775
FWER = 0.231754
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[7.07403]&,\$[3.28297]&,\$[3.57029]&,\$[2.408]&,\$[5.92123]&
TREATED
\$[1.88747]&,\$[5.69666]&,\$[8.78341]&,\$[9.81254]&,\$[10.5489]&
SAMPLE 2
NORMAL
\$[-20.8418]&,\$[9.2127]&,\$[-12.2627]&,\$[-2.04563]&,\$[-11.8307]&
TREATED
\$[0.987539]&,\$[-1.45759]&,\$[14.4348]&,\$[7.651]&,\$[5.55077]&
SAMPLE 3
NORMAL
\$[12.6104]&,\$[8.38481]&,\$[-2.05301]&,\$[13.2617]&,\$[-4.71453]&
TREATED
\$[3.79445]&,\$[9.91115]&,\$[13.0394]&,\$[-7.33836]&,\$[3.17909]&
SAMPLE 4
NORMAL
\$[-3.05865]&,\$[0.497686]&,\$[7.19793]&,\$[-13.9792]&,\$[-0.384102]&
TREATED
\$[4.89846]&,\$[5.48441]&,\$[8.52494]&,\$[-3.55328]&,\$[6.73372]&
SAMPLE 5
NORMAL
\$[-7.61025]&,\$[18.0723]&,\$[-3.34072]&,\$[-0.608752]&,\$[4.7482]&
TREATED
\$[-7.8567]&,\$[-11.5989]&,\$[-6.00616]&,\$[7.24002]&,\$[1.33039]&
SAMPLE 6
NORMAL
\$[-1.49922]&,\$[5.23954]&,\$[6.40346]&,\$[-12.7746]&,\$[0.62629]&
TREATED
\$[1.40444]&,\$[-4.32281]&,\$[9.15761]&,\$[-0.460672]&,\$[5.65245]&
SAMPLE 7
NORMAL
\$[-7.14464]&,\$[-4.32304]&,\$[10.4775]&,\$[3.25703]&,\$[-0.836425]&
TREATED
\$[-1.6377]&,\$[0.378969]&,\$[1.30894]&,\$[-0.165328]&,\$[2.95202]&
SAMPLE 8
NORMAL
\$[8.26844]&,\$[2.66867]&,\$[-1.38501]&,\$[9.17539]&,\$[1.82474]&
TREATED
\$[4.33577]&,\$[-0.103403]&,\$[2.736]&,\$[2.53495]&,\$[1.56428]&
SAMPLE 9
NORMAL
\$[0.126351]&,\$[6.1843]&,\$[2.22955]&,\$[-3.6764]&,\$[-2.30804]&
TREATED
\$[0.550044]&,\$[0.0480214]&,\$[-6.14909]&,\$[6.40414]&,\$[5.66847]&
SAMPLE 10
NORMAL
\$[-3.74257]&,\$[12.3816]&,\$[-1.01974]&,\$[9.57993]&,\$[13.1069]&
TREATED
\$[9.48057]&,\$[6.87528]&,\$[0.918381]&,\$[10.3247]&,\$[-1.12305]&

BS20B026

alpha = 0.0305144

FWER = 0.212212

SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1

NORMAL

\$[9.12041]&\$[5.61757]&\$[9.28435]&\$[5.38083]&\$[12.1751]&
TREATED

\$[8.81684]&\$[-0.300609]&\$[0.571166]&\$[-2.26582]&\$[14.082]&

SAMPLE 2

NORMAL

\$[12.1572]&\$[8.46995]&\$[-0.997486]&\$[2.09616]&\$[-7.9131]&
TREATED

\$[13.1479]&\$[-7.40295]&\$[12.8017]&\$[-6.90774]&\$[1.33352]&

SAMPLE 3

NORMAL

\$[9.81669]&\$[-8.52956]&\$[7.09562]&\$[1.38804]&\$[-1.71238]&
TREATED

\$[-4.71408]&\$[-0.340112]&\$[4.20737]&\$[25.7445]&\$[-5.87885]&

SAMPLE 4

NORMAL

\$[-3.82761]&\$[-9.13147]&\$[2.88445]&\$[7.90891]&\$[-13.1985]&
TREATED

\$[11.068]&\$[13.4056]&\$[-2.90285]&\$[1.52482]&\$[4.59742]&

SAMPLE 5

NORMAL

\$[7.6599]&\$[-3.42044]&\$[-4.63858]&\$[-13.8391]&\$[-1.55216]&
TREATED

\$[6.31583]&\$[0.429656]&\$[6.07058]&\$[2.17285]&\$[4.54983]&

SAMPLE 6

NORMAL

\$[13.8657]&\$[-5.75816]&\$[4.50429]&\$[3.24021]&\$[5.08276]&
TREATED

\$[7.11612]&\$[4.78817]&\$[3.59829]&\$[-8.13201]&\$[9.94603]&

SAMPLE 7

NORMAL

\$[2.04601]&\$[4.32965]&\$[1.17738]&\$[3.46188]&\$[5.31204]&
TREATED

\$[-4.31789]&\$[-2.62781]&\$[0.87664]&\$[10.3885]&\$[-9.39691]&

SAMPLE 8

NORMAL

\$[-1.13578]&\$[13.6894]&\$[-3.25213]&\$[10.5257]&\$[-3.27732]&
TREATED

\$[10.4885]&\$[13.4128]&\$[7.41899]&\$[13.6564]&\$[9.06154]&

SAMPLE 9

NORMAL

\$[0.586275]&\$[0.622607]&\$[1.95568]&\$[1.83581]&\$[-1.12598]&
TREATED

\$[-5.62351]&\$[12.6826]&\$[8.48804]&\$[9.83719]&\$[4.87104]&

SAMPLE 10

NORMAL

\$[5.87809]&\$[7.28442]&\$[4.14921]&\$[2.38026]&\$[-4.92999]&

TREATED

[\$[3.71223]&,\$[1.22189]&,\$[1.9149]&,\$[2.5268]&,\$[6.64708]&

BS20B027

alpha = 0.0458236

FWER = 0.215145

SAMPLE FOR TTEST : SAMPLE no. 9

SAMPLE 1

NORMAL

\$[15.4921]&,\$[0.964528]&,\$[-8.53969]&,\$[-13.9063]&,\$[-2.66794]&

TREATED

\$[0.607277]&,\$[-6.64237]&,\$[5.63511]&,\$[0.241911]&,\$[9.78119]&

SAMPLE 2

NORMAL

\$[17.7589]&,\$[13.1301]&,\$[4.22616]&,\$[-3.62098]&,\$[-9.42284]&

TREATED

\$[3.60625]&,\$[-3.34575]&,\$[-0.206323]&,\$[0.840396]&,\$[-4.65938]&

SAMPLE 3

NORMAL

\$[0.455008]&,\$[8.35991]&,\$[7.51785]&,\$[5.77503]&,\$[-4.95095]&

TREATED

\$[8.36563]&,\$[10.1416]&,\$[4.94717]&,\$[3.62966]&,\$[2.12755]&

SAMPLE 4

NORMAL

\$[-0.102418]&,\$[11.8367]&,\$[3.63073]&,\$[9.0605]&,\$[2.45066]&

TREATED

\$[16.0465]&,\$[0.00658009]&,\$[-7.7369]&,\$[12.1997]&,\$[8.62646]&

SAMPLE 5

NORMAL

\$[9.4436]&,\$[4.52376]&,\$[-5.84651]&,\$[5.41307]&,\$[3.47388]&

TREATED

\$[-0.856863]&,\$[-4.08461]&,\$[-1.3018]&,\$[2.39523]&,\$[8.98611]&

SAMPLE 6

NORMAL

\$[9.43592]&,\$[-0.343199]&,\$[14.0792]&,\$[10.078]&,\$[1.22236]&

TREATED

\$[-3.489]&,\$[2.99513]&,\$[-0.230557]&,\$[-5.20587]&,\$[19.2653]&

SAMPLE 7

NORMAL

\$[-3.41145]&,\$[5.78441]&,\$[-3.85813]&,\$[4.93138]&,\$[8.87079]&

TREATED

\$[-0.313868]&,\$[-0.277619]&,\$[17.1679]&,\$[6.71602]&,\$[11.2209]&

SAMPLE 8

NORMAL

\$[0.439273]&,\$[4.35716]&,\$[-1.05259]&,\$[1.74069]&,\$[4.57469]&

TREATED

\$[6.75371]&,\$[6.36458]&,\$[12.5587]&,\$[11.4853]&,\$[11.0969]&

SAMPLE 9

NORMAL

\$[-1.30754]&,\$[-14.6002]&,\$[-6.64131]&,\$[-5.31762]&,\$[-3.88841]&

TREATED

\$[-5.92381]&,\$[6.88363]&,\$[7.29544]&,\$[5.90921]&,\$[-8.20351]&

SAMPLE 10

NORMAL

\$[4.7999]&\$[7.16347]&\$[-0.031543]&\$[10.2009]&\$[10.4201]&
TREATED
\$[1.52383]&\$[12.2316]&\$[-1.39256]&\$[-3.0082]&\$[11.9371]&

BS20B028

alpha = 0.0176767

FWER = 0.260949

SAMPLE FOR TTEST : SAMPLE no. 7

SAMPLE 1

NORMAL

\$[0.532449]&\$[-2.06794]&\$[4.02705]&\$[-2.24264]&\$[4.68144]&
TREATED

\$[-5.2635]&\$[7.0477]&\$[6.92802]&\$[5.71927]&\$[-7.85227]&

SAMPLE 2

NORMAL

\$[-8.61334]&\$[-2.98049]&\$[-4.27303]&\$[4.25412]&\$[4.30707]&
TREATED

\$[4.48696]&\$[5.56519]&\$[-11.7513]&\$[-10.6784]&\$[-13.0714]&
SAMPLE 3

NORMAL

\$[-2.19978]&\$[14.4886]&\$[-2.86223]&\$[-0.131286]&\$[11.1666]&
TREATED

\$[8.85064]&\$[23.9423]&\$[-15.1534]&\$[-1.52017]&\$[-0.248903]&
SAMPLE 4

NORMAL

\$[3.70742]&\$[2.49425]&\$[3.12353]&\$[14.8674]&\$[5.10341]&
TREATED

\$[-3.80344]&\$[-6.87756]&\$[9.68627]&\$[19.9484]&\$[4.35961]&
SAMPLE 5

NORMAL

\$[-1.57704]&\$[1.90575]&\$[8.83925]&\$[13.3179]&\$[5.73206]&
TREATED

\$[1.84927]&\$[-0.830573]&\$[2.1236]&\$[-5.06919]&\$[-0.725642]&
SAMPLE 6

NORMAL

\$[7.13527]&\$[-2.79076]&\$[6.53104]&\$[-12.0116]&\$[7.00276]&
TREATED

\$[9.87496]&\$[-11.8789]&\$[5.32971]&\$[5.76576]&\$[-5.77279]&
SAMPLE 7

NORMAL

\$[10.0021]&\$[12.07]&\$[-10.8037]&\$[7.19718]&\$[20.7507]&
TREATED

\$[3.06847]&\$[3.00906]&\$[3.52442]&\$[7.62958]&\$[1.59399]&
SAMPLE 8

NORMAL

\$[9.07582]&\$[13.3417]&\$[-2.7244]&\$[-5.67279]&\$[6.25971]&
TREATED

\$[8.50176]&\$[-7.02495]&\$[-0.215839]&\$[-11.5624]&\$[13.2111]&
SAMPLE 9

NORMAL

\$[0.218075]&\$[7.60914]&\$[0.521307]&\$[5.11457]&\$[7.97884]&
TREATED

\$[1.75657]&\$[-0.269108]&\$[-1.12423]&\$[-4.67559]&\$[17.9768]&

SAMPLE 10**NORMAL**

\$[-2.50921]&,\$[4.21482]&,\$[-0.113403]&,\$[0.24399]&,\$[3.54327]&
TREATED
\$[1.14464]&,\$[5.83201]&,\$[-12.2149]&,\$[13.3132]&,\$[-12.6747]&

BS20B029

alpha = 0.01347

FWER = 0.264783

SAMPLE FOR TTEST : SAMPLE no. 4

SAMPLE 1**NORMAL**

\$[15.6313]&,\$[7.11343]&,\$[-6.81693]&,\$[11.8953]&,\$[5.45908]&
TREATED

\$[-5.48832]&,\$[2.80613]&,\$[4.60711]&,\$[4.14444]&,\$[-4.72132]&
SAMPLE 2

NORMAL

\$[4.03939]&,\$[3.74537]&,\$[2.51832]&,\$[1.02623]&,\$[-3.29453]&
TREATED

\$[-3.6751]&,\$[-11.1354]&,\$[-1.12416]&,\$[-6.20908]&,\$[10.8033]&
SAMPLE 3

NORMAL

\$[0.118938]&,\$[-1.64323]&,\$[5.66806]&,\$[-13.347]&,\$[12.8628]&
TREATED

\$[1.40302]&,\$[13.8356]&,\$[12.7406]&,\$[4.42409]&,\$[14.9326]&
SAMPLE 4

NORMAL

\$[1.80062]&,\$[4.95001]&,\$[7.85142]&,\$[4.41783]&,\$[-0.0644568]&
TREATED

\$[-1.61334]&,\$[6.63799]&,\$[11.2194]&,\$[5.52843]&,\$[10.4417]&
SAMPLE 5

NORMAL

\$[15.6058]&,\$[1.08102]&,\$[8.5686]&,\$[-0.135445]&,\$[12.709]&
TREATED

\$[-0.0856452]&,\$[1.7011]&,\$[3.67551]&,\$[2.58777]&,\$[4.94588]&
SAMPLE 6

NORMAL

\$[-14.166]&,\$[8.62755]&,\$[2.37115]&,\$[2.23532]&,\$[-4.72184]&
TREATED

\$[6.61306]&,\$[18.5321]&,\$[4.21589]&,\$[-2.2405]&,\$[7.1645]&
SAMPLE 7

NORMAL

\$[16.1258]&,\$[-12.738]&,\$[-5.43854]&,\$[7.38718]&,\$[-6.27486]&
TREATED

\$[-2.99664]&,\$[2.96614]&,\$[-0.420079]&,\$[-2.1519]&,\$[1.95097]&
SAMPLE 8

NORMAL

\$[4.69604]&,\$[-8.68235]&,\$[4.0794]&,\$[3.79054]&,\$[-7.85152]&
TREATED

\$[1.7835]&,\$[0.144033]&,\$[-1.43286]&,\$[0.363152]&,\$[1.44315]&
SAMPLE 9

NORMAL

\$[-5.26861]&,\$[-4.28397]&,\$[-4.71821]&,\$[-4.94026]&,\$[8.05953]&

TREATED
\$[1.29877]&\$[8.95528]&\$[4.72776]&\$[16.8441]&\$[5.33677]&
SAMPLE 10
NORMAL
\$[2.34021]&\$[1.57145]&\$[3.51834]&\$[6.763]&\$[3.07483]&
TREATED
\$[11.4264]&\$[-9.86586]&\$[1.54783]&\$[11.5978]&\$[5.32508]&

BS20B030
alpha = 0.0370129
FWER = 0.282145
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[17.6588]&\$[6.86195]&\$[5.38158]&\$[-8.80463]&\$[14.9905]&
TREATED
\$[-0.558607]&\$[-6.24245]&\$[-0.867054]&\$[-0.869212]&\$[3.81542]&
SAMPLE 2
NORMAL
\$[-9.48542]&\$[2.72655]&\$[3.67707]&\$[0.576659]&\$[5.10989]&
TREATED
\$[7.68373]&\$[-5.37831]&\$[2.42681]&\$[14.0292]&\$[9.12945]&
SAMPLE 3
NORMAL
\$[5.41126]&\$[7.05072]&\$[-5.22402]&\$[4.5839]&\$[-7.50075]&
TREATED
\$[-5.55422]&\$[-4.46053]&\$[6.51082]&\$[-2.42329]&\$[-1.97971]&
SAMPLE 4
NORMAL
\$[11.8097]&\$[-1.97696]&\$[3.59241]&\$[0.121514]&\$[4.47563]&
TREATED
\$[9.74057]&\$[-1.29672]&\$[9.54615]&\$[-3.12867]&\$[-0.97472]&
SAMPLE 5
NORMAL
\$[1.62798]&\$[8.60986]&\$[8.18014]&\$[-6.65338]&\$[1.92767]&
TREATED
\$[13.342]&\$[9.7245]&\$[-4.37341]&\$[-2.09715]&\$[-5.79059]&
SAMPLE 6
NORMAL
\$[9.9561]&\$[2.061]&\$[4.5856]&\$[3.25298]&\$[3.80109]&
TREATED
\$[9.12266]&\$[4.11114]&\$[-15.1042]&\$[-15.9931]&\$[-5.3819]&
SAMPLE 7
NORMAL
\$[6.88056]&\$[2.20659]&\$[2.28595]&\$[-6.01439]&\$[3.67059]&
TREATED
\$[16.7739]&\$[0.159645]&\$[8.40748]&\$[1.98031]&\$[16.5536]&
SAMPLE 8
NORMAL
\$[5.92404]&\$[-0.324077]&\$[6.57708]&\$[-4.72207]&\$[2.01885]&
TREATED
\$[1.20376]&\$[-1.61175]&\$[2.26641]&\$[3.55327]&\$[10.5044]&
SAMPLE 9

NORMAL
\$[2.50161]&\$[-2.0856]&\$[7.25833]&\$[10.7276]&\$[-6.1555]&
TREATED
\$[18.6532]&\$[10.1442]&\$[24.3014]&\$[4.10981]&\$[-13.7932]&
SAMPLE 10
NORMAL
\$[-11.5358]&\$[0.119141]&\$[-7.46687]&\$[5.93721]&\$[-7.18676]&
TREATED
\$[-0.477536]&\$[10.1993]&\$[2.83401]&\$[19.2291]&\$[0.424272]&

BS20B032
alpha = 0.0341631
FWER = 0.21781
SAMPLE FOR TTEST : SAMPLE no. 6
SAMPLE 1
NORMAL
\$[1.1373]&\$[-1.21209]&\$[5.91416]&\$[-1.15377]&\$[0.796702]&
TREATED
\$[3.74367]&\$[-8.61616]&\$[2.65886]&\$[-8.09233]&\$[-6.897]&
SAMPLE 2
NORMAL
\$[0.211304]&\$[-4.20718]&\$[-0.55455]&\$[-11.7484]&\$[-2.08853]&
TREATED
\$[0.332698]&\$[-1.27111]&\$[2.16165]&\$[-1.62794]&\$[2.20814]&
SAMPLE 3
NORMAL
\$[-4.8387]&\$[3.7493]&\$[15.3713]&\$[-1.11312]&\$[9.67404]&
TREATED
\$[9.36811]&\$[4.64898]&\$[5.15205]&\$[8.25952]&\$[5.52821]&
SAMPLE 4
NORMAL
\$[-0.169577]&\$[4.47974]&\$[4.4771]&\$[7.98675]&\$[1.0156]&
TREATED
\$[2.23694]&\$[-4.11982]&\$[15.5568]&\$[6.35087]&\$[-1.5619]&
SAMPLE 5
NORMAL
\$[-6.33067]&\$[-5.29513]&\$[-11.7117]&\$[20.3076]&\$[6.86998]&
TREATED
\$[3.6415]&\$[1.27342]&\$[1.39421]&\$[3.84204]&\$[1.74779]&
SAMPLE 6
NORMAL
\$[4.20953]&\$[6.30923]&\$[2.86078]&\$[-8.31254]&\$[7.58194]&
TREATED
\$[-0.270424]&\$[-1.29321]&\$[-5.60061]&\$[-3.41833]&\$[5.26702]&
SAMPLE 7
NORMAL
\$[5.84362]&\$[8.57814]&\$[9.44007]&\$[12.6149]&\$[6.20273]&
TREATED
\$[-0.309954]&\$[2.02388]&\$[27.1036]&\$[9.7183]&\$[17.5749]&
SAMPLE 8
NORMAL
\$[3.99186]&\$[-0.120326]&\$[-0.674149]&\$[4.83766]&\$[-2.3551]&
TREATED

\$[3.8051]&,\$[2.05835]&,\$[5.96255]&,\$[-1.30937]&,\$[3.74761]&
SAMPLE 9
NORMAL
\$[-3.73261]&,\$[5.6503]&,\$[4.60296]&,\$[-4.49299]&,\$[15.3244]&
TREATED
\$[-4.63525]&,\$[-7.45302]&,\$[9.9473]&,\$[5.19875]&,\$[1.13052]&
SAMPLE 10
NORMAL
\$[0.569724]&,\$[8.91489]&,\$[-5.55413]&,\$[7.27357]&,\$[-6.41828]&
TREATED
\$[5.72241]&,\$[9.27273]&,\$[8.12136]&,\$[8.21288]&,\$[2.59041]&

BS20B033
alpha = 0.0349064
FWER = 0.231139
SAMPLE FOR TTEST : SAMPLE no. 9
SAMPLE 1
NORMAL
\$[6.47626]&,\$[11.2491]&,\$[14.3857]&,\$[9.92704]&,\$[11.379]&
TREATED
\$[-7.79678]&,\$[18.1872]&,\$[6.98014]&,\$[5.34472]&,\$[-9.33704]&
SAMPLE 2
NORMAL
\$[-8.46119]&,\$[5.2696]&,\$[-1.69737]&,\$[0.701396]&,\$[4.09996]&
TREATED
\$[1.03245]&,\$[14.1794]&,\$[-5.4028]&,\$[-7.84287]&,\$[0.229698]&
SAMPLE 3
NORMAL
\$[-0.651659]&,\$[-5.24318]&,\$[-9.40844]&,\$[2.66752]&,\$[-1.99068]&
TREATED
\$[12.923]&,\$[-0.951368]&,\$[-4.32911]&,\$[5.0457]&,\$[-5.45141]&
SAMPLE 4
NORMAL
\$[-0.144946]&,\$[3.23476]&,\$[2.45639]&,\$[6.24098]&,\$[3.07435]&
TREATED
\$[5.9341]&,\$[-11.4196]&,\$[-4.14681]&,\$[-1.94424]&,\$[0.762502]&
SAMPLE 5
NORMAL
\$[-0.21272]&,\$[7.22391]&,\$[2.87868]&,\$[4.73431]&,\$[2.99323]&
TREATED
\$[2.85692]&,\$[6.1271]&,\$[-4.18295]&,\$[-5.11613]&,\$[-1.07191]&
SAMPLE 6
NORMAL
\$[1.71161]&,\$[2.90018]&,\$[1.91606]&,\$[5.71854]&,\$[-5.94881]&
TREATED
\$[0.263992]&,\$[-2.60016]&,\$[-0.738201]&,\$[10.5602]&,\$[14.8675]&
SAMPLE 7
NORMAL
\$[-4.74118]&,\$[4.95375]&,\$[2.47775]&,\$[-6.32602]&,\$[-3.24537]&
TREATED
\$[9.74235]&,\$[3.08622]&,\$[2.62358]&,\$[2.49939]&,\$[6.87656]&
SAMPLE 8
NORMAL

\$[1.93898]&\$[-8.18857]&\$[-8.32429]&\$[-9.3265]&\$[5.59453]&
TREATED
\$[-18.3178]&\$[11.2638]&\$[-1.49201]&\$[9.64842]&\$[11.2194]&
SAMPLE 9
NORMAL
\$[18.5496]&\$[4.4555]&\$[-8.74232]&\$[10.6291]&\$[7.69567]&
TREATED
\$[8.42194]&\$[-3.0394]&\$[-0.762276]&\$[-3.99509]&\$[7.07209]&
SAMPLE 10
NORMAL
\$[1.9263]&\$[5.55303]&\$[0.901733]&\$[1.7697]&\$[-1.77586]&
TREATED
\$[1.29256]&\$[6.13216]&\$[-0.410779]&\$[7.87412]&\$[5.44662]&

BS20B034
alpha = 0.0407309
FWER = 0.297457

SAMPLE FOR TTEST : SAMPLE no. 7

SAMPLE 1

NORMAL

\$[9.92978]&\$[11.1874]&\$[1.27984]&\$[15.1903]&\$[3.73475]&
TREATED

\$[13.0701]&\$[3.82876]&\$[-23.2934]&\$[-9.15533]&\$[2.56108]&
SAMPLE 2

NORMAL

\$[5.40397]&\$[20.6516]&\$[4.72898]&\$[2.61804]&\$[-3.57599]&
TREATED

\$[-1.90327]&\$[17.4687]&\$[1.48861]&\$[30.0907]&\$[-6.53454]&
SAMPLE 3

NORMAL

\$[7.97608]&\$[-1.64259]&\$[1.67825]&\$[6.23996]&\$[9.9654]&
TREATED

\$[-1.70316]&\$[7.82179]&\$[8.35402]&\$[-7.29623]&\$[2.50631]&
SAMPLE 4

NORMAL

\$[3.45365]&\$[0.576014]&\$[5.21341]&\$[-0.7631]&\$[3.50687]&
TREATED

\$[-2.12675]&\$[16.2312]&\$[7.89352]&\$[1.89803]&\$[5.06563]&
SAMPLE 5

NORMAL

\$[2.76399]&\$[6.99977]&\$[1.03481]&\$[5.70412]&\$[0.76808]&
TREATED

\$[3.41274]&\$[-7.07418]&\$[-5.73234]&\$[24.457]&\$[-11.3155]&
SAMPLE 6

NORMAL

\$[-3.54804]&\$[-2.43583]&\$[4.94211]&\$[1.18579]&\$[3.8293]&
TREATED

\$[11.3258]&\$[8.04171]&\$[4.58446]&\$[12.6451]&\$[20.655]&
SAMPLE 7

NORMAL

\$[3.30844]&\$[-10.3365]&\$[0.912654]&\$[-3.57701]&\$[6.69081]&
TREATED

\$[7.70939]&\$[3.54696]&\$[-1.45351]&\$[6.39044]&\$[-7.23858]&

SAMPLE 8
NORMAL
\$[-4.12704]&\$[13.5988]&\$[-9.7965]&\$[16.8208]&\$[-10.3163]&
TREATED
\$[6.66788]&\$[8.11291]&\$[0.553563]&\$[14.2951]&\$[-2.95085]&
SAMPLE 9
NORMAL
\$[-6.22617]&\$[-6.95781]&\$[1.57465]&\$[5.9887]&\$[11.2755]&
TREATED
\$[-2.2098]&\$[-2.95222]&\$[1.8949]&\$[3.47457]&\$[-5.48429]&
SAMPLE 10
NORMAL
\$[5.71213]&\$[-4.52303]&\$[-8.2493]&\$[10.1123]&\$[1.77838]&
TREATED
\$[5.32728]&\$[2.66716]&\$[1.8817]&\$[4.49008]&\$[3.25736]&

BS20B036
alpha = 0.045546
FWER = 0.340998
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[1.94955]&\$[5.27057]&\$[10.1641]&\$[4.995]&\$[14.2328]&
TREATED
\$[9.06424]&\$[23.2608]&\$[0.258244]&\$[-4.44992]&\$[7.78192]&
SAMPLE 2
NORMAL
\$[4.5978]&\$[3.55172]&\$[3.36885]&\$[2.84579]&\$[4.70941]&
TREATED
\$[18.1303]&\$[9.03817]&\$[-3.03411]&\$[10.4049]&\$[-1.91072]&
SAMPLE 3
NORMAL
\$[-20.2139]&\$[-2.72921]&\$[20.4368]&\$[-16.3047]&\$[11.3637]&
TREATED
\$[-2.64294]&\$[0.902966]&\$[-2.9006]&\$[-10.6355]&\$[1.13709]&
SAMPLE 4
NORMAL
\$[3.10622]&\$[1.88268]&\$[4.78315]&\$[3.26937]&\$[6.24548]&
TREATED
\$[1.51906]&\$[3.14749]&\$[3.55724]&\$[3.19162]&\$[4.70047]&
SAMPLE 5
NORMAL
\$[17.0054]&\$[2.00853]&\$[3.78978]&\$[-14.7498]&\$[-2.69996]&
TREATED
\$[1.06794]&\$[2.47811]&\$[-1.99399]&\$[5.10589]&\$[3.56399]&
SAMPLE 6
NORMAL
\$[2.12856]&\$[-9.29555]&\$[-1.24863]&\$[-5.39398]&\$[6.31055]&
TREATED
\$[-1.19413]&\$[7.93237]&\$[-1.89559]&\$[-1.33821]&\$[9.48966]&
SAMPLE 7
NORMAL
\$[2.91239]&\$[-7.6481]&\$[8.09791]&\$[14.1391]&\$[1.96828]&

TREATED
\$[5.94069]&\$[9.23463]&\$[-1.4942]&\$[1.87946]&\$[15.2299]&
SAMPLE 8
NORMAL
\$[-3.37298]&\$[6.93587]&\$[-2.14781]&\$[8.36654]&\$[5.98576]&
TREATED
\$[2.82903]&\$[8.7533]&\$[3.8391]&\$[1.77679]&\$[-2.93494]&
SAMPLE 9
NORMAL
\$[-2.6597]&\$[12.2023]&\$[-10.7793]&\$[0.984582]&\$[-2.7782]&
TREATED
\$[-3.14673]&\$[11.2885]&\$[1.71512]&\$[8.29136]&\$[-4.2988]&
SAMPLE 10
NORMAL
\$[2.71863]&\$[-0.313289]&\$[-2.51246]&\$[5.18313]&\$[4.08529]&
TREATED
\$[2.11629]&\$[3.44119]&\$[-6.9388]&\$[0.269676]&\$[2.59556]&

BS20B037
alpha = 0.023235
FWER = 0.276745
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[6.36442]&\$[5.72733]&\$[6.86488]&\$[3.74171]&\$[0.101406]&
TREATED
\$[1.01059]&\$[1.90659]&\$[-0.54944]&\$[1.72692]&\$[0.402956]&
SAMPLE 2
NORMAL
\$[15.7071]&\$[9.47954]&\$[4.84868]&\$[-14.4505]&\$[-3.43637]&
TREATED
\$[-1.8246]&\$[8.92711]&\$[7.32567]&\$[1.25089]&\$[-6.51473]&
SAMPLE 3
NORMAL
\$[12.1808]&\$[5.25825]&\$[-4.47085]&\$[1.05031]&\$[-3.93571]&
TREATED
\$[-2.65372]&\$[-3.35942]&\$[0.192354]&\$[0.838617]&\$[-6.64779]&
SAMPLE 4
NORMAL
\$[10.4306]&\$[-7.25933]&\$[7.36072]&\$[7.85257]&\$[9.96208]&
TREATED
\$[4.31469]&\$[1.8278]&\$[6.43145]&\$[1.18896]&\$[5.52432]&
SAMPLE 5
NORMAL
\$[7.14391]&\$[11.2225]&\$[10.7643]&\$[7.53688]&\$[-10.4303]&
TREATED
\$[7.37458]&\$[3.45899]&\$[1.91382]&\$[2.28081]&\$[-3.52558]&
SAMPLE 6
NORMAL
\$[13.1162]&\$[6.44263]&\$[12.8029]&\$[0.072726]&\$[-2.73994]&
TREATED
\$[6.25534]&\$[4.63866]&\$[11.1525]&\$[5.27535]&\$[4.72398]&
SAMPLE 7

NORMAL
\$[-2.49489]&\$[7.27607]&\$[2.46146]&\$[-3.90093]&\$[-1.46743]&
TREATED
\$[-2.85508]&\$[11.5123]&\$[-9.62549]&\$[-8.53576]&\$[-6.22351]&
SAMPLE 8
NORMAL
\$[0.884387]&\$[-6.04392]&\$[3.52966]&\$[6.27278]&\$[2.82647]&
TREATED
\$[4.77011]&\$[4.7957]&\$[1.12023]&\$[20.5468]&\$[-0.788945]&
SAMPLE 9
NORMAL
\$[1.7504]&\$[3.75661]&\$[2.90074]&\$[1.14019]&\$[5.5954]&
TREATED
\$[8.27119]&\$[-5.43013]&\$[-10.7368]&\$[11.2428]&\$[11.3638]&
SAMPLE 10
NORMAL
\$[10.6907]&\$[-1.14296]&\$[-9.42674]&\$[-2.42134]&\$[17.0241]&
TREATED
\$[0.42132]&\$[-0.643855]&\$[-10.0215]&\$[12.14]&\$[-9.4959]&

BS20B038
alpha = 0.0413839
FWER = 0.332283
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[-2.47895]&\$[5.55008]&\$[-18.0263]&\$[-0.877656]&\$[-3.66514]&
TREATED
\$[5.64185]&\$[-3.01763]&\$[8.10019]&\$[-0.393087]&\$[-0.114512]&
SAMPLE 2
NORMAL
\$[6.68328]&\$[-6.65622]&\$[-3.02208]&\$[-3.7185]&\$[1.98417]&
TREATED
\$[22.3995]&\$[-0.754402]&\$[9.68564]&\$[-0.354815]&\$[4.9333]&
SAMPLE 3
NORMAL
\$[3.41319]&\$[4.97303]&\$[0.619108]&\$[0.520764]&\$[-0.0643575]&
TREATED
\$[-2.95594]&\$[-8.71644]&\$[7.81583]&\$[-0.830321]&\$[-4.13644]&
SAMPLE 4
NORMAL
\$[-4.70557]&\$[-3.31468]&\$[5.30879]&\$[5.47551]&\$[17.1421]&
TREATED
\$[6.10107]&\$[28.8489]&\$[5.91658]&\$[-7.42447]&\$[-1.1082]&
SAMPLE 5
NORMAL
\$[-9.21066]&\$[-14.5435]&\$[22.6817]&\$[2.9984]&\$[1.9992]&
TREATED
\$[1.68539]&\$[-8.31822]&\$[13.0823]&\$[4.84818]&\$[5.16066]&
SAMPLE 6
NORMAL
\$[-5.9993]&\$[-8.41518]&\$[11.7569]&\$[1.90874]&\$[-17.4347]&
TREATED

\$[4.46803]&\$[18.4079]&\$[0.403259]&\$[3.08637]&\$[2.11687]&
SAMPLE 7
NORMAL
\$[1.03516]&\$[-0.343591]&\$[-1.13175]&\$[0.233198]&\$[10.7084]&
TREATED
\$[21.6634]&\$[1.25164]&\$[-0.564306]&\$[9.59748]&\$[-4.94162]&
SAMPLE 8
NORMAL
\$[1.04796]&\$[-6.80661]&\$[3.64651]&\$[9.76496]&\$[-7.76351]&
TREATED
\$[-0.933382]&\$[11.5255]&\$[-6.09018]&\$[20.4595]&\$[-2.85587]&
SAMPLE 9
NORMAL
\$[4.28637]&\$[-7.22595]&\$[-7.68864]&\$[0.0384736]&\$[16.8539]&
TREATED
\$[7.58873]&\$[3.63598]&\$[12.7347]&\$[4.95501]&\$[6.97222]&
SAMPLE 10
NORMAL
\$[3.82425]&\$[10.2971]&\$[-1.96097]&\$[4.68956]&\$[16.9348]&
TREATED
\$[-0.866246]&\$[-0.0977921]&\$[3.79494]&\$[1.17617]&\$[-1.07421]&

BS20B039
alpha = 0.0198335
FWER = 0.36471
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[4.78484]&\$[4.59798]&\$[3.75124]&\$[3.25821]&\$[2.65508]&
TREATED
\$[16.5305]&\$[5.00657]&\$[2.16469]&\$[0.0472576]&\$[5.85375]&
SAMPLE 2
NORMAL
\$[-1.64182]&\$[-0.181736]&\$[-4.20253]&\$[5.69299]&\$[-9.13032]&
TREATED
\$[-3.25353]&\$[-10.4201]&\$[3.48635]&\$[0.00970277]&\$[2.92366]&
SAMPLE 3
NORMAL
\$[-2.06981]&\$[-3.2131]&\$[11.5926]&\$[5.8486]&\$[19.9402]&
TREATED
\$[0.374088]&\$[6.01186]&\$[2.72129]&\$[-1.73244]&\$[5.31156]&
SAMPLE 4
NORMAL
\$[0.654884]&\$[-1.71146]&\$[18.0261]&\$[0.597129]&\$[1.85397]&
TREATED
\$[4.74589]&\$[8.25003]&\$[2.97329]&\$[9.3195]&\$[5.10993]&
SAMPLE 5
NORMAL
\$[5.10882]&\$[7.10902]&\$[4.25262]&\$[4.00417]&\$[-10.1057]&
TREATED
\$[3.50655]&\$[-6.03931]&\$[6.55382]&\$[8.90176]&\$[2.23511]&
SAMPLE 6
NORMAL

\$[-6.63791]&\$[-1.06675]&\$[-11.7244]&\$[8.29082]&\$[7.72441]&
TREATED
\$[-6.42786]&\$[12.9764]&\$[2.60677]&\$[2.68331]&\$[-4.43542]&
SAMPLE 7
NORMAL
\$[-2.41885]&\$[5.3183]&\$[1.01502]&\$[0.0729477]&\$[-3.69517]&
TREATED
\$[1.43043]&\$[-5.90371]&\$[-0.56641]&\$[-17.2297]&\$[17.9561]&
SAMPLE 8
NORMAL
\$[7.11587]&\$[15.2758]&\$[9.26348]&\$[-4.0798]&\$[-8.05524]&
TREATED
\$[7.77245]&\$[7.82998]&\$[11.042]&\$[2.07128]&\$[23.7686]&
SAMPLE 9
NORMAL
\$[2.968]&\$[1.62086]&\$[-10.0101]&\$[-0.0837677]&\$[2.61901]&
TREATED
\$[9.88682]&\$[2.8737]&\$[11.8252]&\$[0.801216]&\$[5.5938]&
SAMPLE 10
NORMAL
\$[-0.659412]&\$[-1.17258]&\$[8.80249]&\$[-5.10405]&\$[0.137582]&
TREATED
\$[3.04609]&\$[-2.54192]&\$[3.16608]&\$[5.0766]&\$[1.05245]&

CE17B111
alpha = 0.0282368
FWER = 0.228906
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[3.42547]&\$[-6.79799]&\$[10.7665]&\$[-2.25578]&\$[-3.49267]&
TREATED
\$[1.1077]&\$[4.67539]&\$[10.0217]&\$[1.80008]&\$[3.09513]&
SAMPLE 2
NORMAL
\$[0.47727]&\$[-3.99881]&\$[8.2172]&\$[1.89984]&\$[-9.3633]&
TREATED
\$[3.11074]&\$[-4.80002]&\$[1.34105]&\$[5.00938]&\$[10.3383]&
SAMPLE 3
NORMAL
\$[3.10882]&\$[11.2687]&\$[8.6345]&\$[8.73679]&\$[-5.42455]&
TREATED
\$[5.00123]&\$[7.7563]&\$[12.3054]&\$[9.84732]&\$[-1.1668]&
SAMPLE 4
NORMAL
\$[-6.82522]&\$[0.161828]&\$[1.99906]&\$[0.488301]&\$[7.21337]&
TREATED
\$[5.40655]&\$[12.3337]&\$[-0.0239083]&\$[-1.91514]&\$[6.91725]&
SAMPLE 5
NORMAL
\$[-1.25374]&\$[1.73663]&\$[4.47253]&\$[4.95888]&\$[-0.0816161]&
TREATED
\$[-2.68469]&\$[11.7848]&\$[0.561535]&\$[4.69384]&\$[2.5374]&

SAMPLE 6
NORMAL
\$[15.9485]&\$[2.54974]&\$[3.35627]&\$[8.33047]&\$[2.86129]&
TREATED
\$[-3.02965]&\$[21.686]&\$[8.11546]&\$[-10.4287]&\$[-12.9786]&
SAMPLE 7
NORMAL
\$[3.70964]&\$[-0.587074]&\$[1.57692]&\$[-0.392765]&\$[10.3973]&
TREATED
\$[-2.90641]&\$[0.0780957]&\$[14.7683]&\$[13.2394]&\$[3.95006]&
SAMPLE 8
NORMAL
\$[10.9071]&\$[2.62916]&\$[15.86]&\$[-0.104206]&\$[11.2267]&
TREATED
\$[0.220261]&\$[5.02819]&\$[1.41333]&\$[9.10511]&\$[-14.9744]&
SAMPLE 9
NORMAL
\$[3.33776]&\$[2.62569]&\$[2.26146]&\$[6.07188]&\$[5.90572]&
TREATED
\$[-12.0806]&\$[-2.65337]&\$[-6.276]&\$[-2.65302]&\$[-2.25462]&
SAMPLE 10
NORMAL
\$[0.750945]&\$[2.90158]&\$[5.17372]&\$[6.20304]&\$[0.48092]&
TREATED
\$[6.76945]&\$[9.14449]&\$[2.51458]&\$[7.77842]&\$[1.19922]&

CE18B001
alpha = 0.0252053
FWER = 0.252941
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[3.52179]&\$[4.54472]&\$[-4.39698]&\$[6.71945]&\$[-10.1309]&
TREATED
\$[2.18193]&\$[-6.96127]&\$[5.23463]&\$[-18.0601]&\$[10.9902]&
SAMPLE 2
NORMAL
\$[8.03289]&\$[4.52774]&\$[-2.37846]&\$[-7.9437]&\$[9.1097]&
TREATED
\$[3.16391]&\$[2.45605]&\$[2.09534]&\$[3.8413]&\$[2.76183]&
SAMPLE 3
NORMAL
\$[6.70328]&\$[4.96987]&\$[16.8827]&\$[-8.2607]&\$[14.3232]&
TREATED
\$[11.46559]&\$[-11.5478]&\$[7.33563]&\$[-0.672061]&\$[-4.30117]&
SAMPLE 4
NORMAL
\$[0.645778]&\$[5.95121]&\$[-1.69911]&\$[-4.39769]&\$[-4.39516]&
TREATED
\$[7.97299]&\$[-5.19342]&\$[16.5274]&\$[10.3878]&\$[2.15315]&
SAMPLE 5
NORMAL
\$[25.8348]&\$[-8.52204]&\$[-2.25986]&\$[-7.9163]&\$[11.0524]&

TREATED
\$[0.0784513]&,\$[1.50541]&,\$[3.2255]&,\$[-7.33408]&,\$[0.636542]&
SAMPLE 6
NORMAL
\$[-2.50022]&,\$[-5.97437]&,\$[-9.06531]&,\$[3.07864]&,\$[9.7523]&
TREATED
\$[-1.63034]&,\$[2.51855]&,\$[13.9143]&,\$[-3.66085]&,\$[2.60487]&
SAMPLE 7
NORMAL
\$[-0.36638]&,\$[-4.08607]&,\$[-1.27462]&,\$[-1.25317]&,\$[5.59136]&
TREATED
\$[-1.89874]&,\$[24.8629]&,\$[1.43006]&,\$[4.0577]&,\$[-3.65521]&
SAMPLE 8
NORMAL
\$[5.68799]&,\$[-0.910425]&,\$[2.10915]&,\$[10.6078]&,\$[6.42555]&
TREATED
\$[6.20081]&,\$[18.558]&,\$[2.92369]&,\$[16.2593]&,\$[-3.0839]&
SAMPLE 9
NORMAL
\$[2.26128]&,\$[-0.726157]&,\$[2.97692]&,\$[-3.68026]&,\$[-2.54593]&
TREATED
\$[3.84507]&,\$[16.1108]&,\$[-0.17462]&,\$[4.63717]&,\$[7.691]&
SAMPLE 10
NORMAL
\$[-2.21063]&,\$[9.97658]&,\$[4.32908]&,\$[-0.170488]&,\$[5.72813]&
TREATED
\$[-7.42532]&,\$[-2.33493]&,\$[-3.81643]&,\$[0.312339]&,\$[5.38651]&

CE18B005
alpha = 0.0312566
FWER = 0.263357
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[0.266506]&,\$[13.0048]&,\$[4.26497]&,\$[7.54128]&,\$[4.65931]&
TREATED
\$[5.17531]&,\$[15.9844]&,\$[12.0729]&,\$[4.09477]&,\$[0.942987]&
SAMPLE 2
NORMAL
\$[-10.39]&,\$[10.4771]&,\$[9.78933]&,\$[-11.0112]&,\$[12.1866]&
TREATED
\$[11.5506]&,\$[-0.00957835]&,\$[11.5007]&,\$[-0.840575]&,\$[-8.0875]&
SAMPLE 3
NORMAL
\$[22.0025]&,\$[-8.64347]&,\$[-0.983355]&,\$[15.9962]&,\$[4.85924]&
TREATED
\$[3.96757]&,\$[-1.00844]&,\$[0.375935]&,\$[0.644598]&,\$[1.2214]&
SAMPLE 4
NORMAL
\$[10.2684]&,\$[1.45372]&,\$[5.85654]&,\$[4.09132]&,\$[7.05941]&
TREATED
\$[13.2852]&,\$[-6.64541]&,\$[3.12472]&,\$[3.80047]&,\$[-8.92256]&
SAMPLE 5

NORMAL
\$[12.5076]&\$[9.69706]&\$[2.99493]&\$[20.1475]&\$[10.8513]&
TREATED
\$[7.77889]&\$[6.49835]&\$[4.41563]&\$[-3.17381]&\$[2.7915]&
SAMPLE 6
NORMAL
\$[2.32176]&\$[4.60212]&\$[4.31395]&\$[9.53617]&\$[5.49844]&
TREATED
\$[2.17446]&\$[0.233115]&\$[-0.0361371]&\$[-1.97163]&\$[-1.4374]&
SAMPLE 7
NORMAL
\$[-1.09119]&\$[-0.754347]&\$[0.645199]&\$[-9.60433]&\$[-12.1892]&
TREATED
\$[-0.403243]&\$[-0.9006]&\$[3.43146]&\$[17.4876]&\$[2.31942]&
SAMPLE 8
NORMAL
\$[2.53762]&\$[1.13049]&\$[-5.52037]&\$[1.25062]&\$[2.5481]&
TREATED
\$[-6.17214]&\$[-23.6549]&\$[-12.4617]&\$[-17.0103]&\$[-16.2616]&
SAMPLE 9
NORMAL
\$[2.64331]&\$[-1.11733]&\$[2.35033]&\$[1.13989]&\$[7.88273]&
TREATED
\$[0.698998]&\$[-0.677457]&\$[8.53527]&\$[0.369744]&\$[2.79942]&
SAMPLE 10
NORMAL
\$[2.53895]&\$[3.77773]&\$[-10.6187]&\$[5.99988]&\$[6.33186]&
TREATED
\$[3.33333]&\$[4.96999]&\$[2.29693]&\$[1.23466]&\$[6.55227]&

CE18B007
alpha = 0.0302465
FWER = 0.396021
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[2.26877]&\$[-5.28683]&\$[10.1004]&\$[7.48182]&\$[-2.15436]&
TREATED
\$[-1.02004]&\$[-2.42487]&\$[13.8765]&\$[-1.66436]&\$[-0.236457]&
SAMPLE 2
NORMAL
\$[-2.63336]&\$[0.461577]&\$[11.5596]&\$[2.95508]&\$[2.77678]&
TREATED
\$[3.93571]&\$[6.13788]&\$[1.76532]&\$[5.48532]&\$[4.08132]&
SAMPLE 3
NORMAL
\$[6.64638]&\$[6.02702]&\$[-3.04374]&\$[6.68577]&\$[1.55108]&
TREATED
\$[1.52808]&\$[-2.92064]&\$[-4.29226]&\$[-0.191323]&\$[5.41595]&
SAMPLE 4
NORMAL
\$[1.80474]&\$[-0.977488]&\$[-18.5972]&\$[12.5737]&\$[-3.6308]&
TREATED

\$[2.12425]&,\$[8.17941]&,\$[8.50912]&,\$[-3.19974]&,\$[0.283238]&
SAMPLE 5
NORMAL
\$[15.0096]&,\$[3.7179]&,\$[20.3676]&,\$[-5.02129]&,\$[20.699]&
TREATED
\$[0.00280184]&,\$[-0.589333]&,\$[5.8619]&,\$[-5.7079]&,\$[-3.54156]&
SAMPLE 6
NORMAL
\$[2.55021]&,\$[-2.65315]&,\$[-14.1431]&,\$[0.731319]&,\$[-2.62913]&
TREATED
\$[-2.17202]&,\$[11.8112]&,\$[-5.64873]&,\$[2.7729]&,\$[-11.0997]&
SAMPLE 7
NORMAL
\$[-3.04327]&,\$[-7.26219]&,\$[-6.23154]&,\$[-1.04049]&,\$[17.3185]&
TREATED
\$[-6.04388]&,\$[0.849672]&,\$[10.0506]&,\$[-2.03119]&,\$[9.03499]&
SAMPLE 8
NORMAL
\$[5.20811]&,\$[-1.76977]&,\$[-0.561797]&,\$[7.2529]&,\$[2.68852]&
TREATED
\$[9.45547]&,\$[5.37498]&,\$[4.11084]&,\$[2.93284]&,\$[0.498235]&
SAMPLE 9
NORMAL
\$[-5.67894]&,\$[11.5677]&,\$[1.32238]&,\$[-5.54804]&,\$[4.21505]&
TREATED
\$[1.27679]&,\$[4.1509]&,\$[1.81961]&,\$[-0.315866]&,\$[2.40368]&
SAMPLE 10
NORMAL
\$[0.450631]&,\$[5.61157]&,\$[15.6248]&,\$[19.7063]&,\$[0.363929]&
TREATED
\$[2.42937]&,\$[9.02008]&,\$[7.65422]&,\$[5.08719]&,\$[4.05174]&

CE18B008
alpha = 0.0332567
FWER = 0.396399
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[6.47436]&,\$[8.40148]&,\$[3.90713]&,\$[7.16898]&,\$[3.80052]&
TREATED
\$[13.7422]&,\$[7.36868]&,\$[2.3129]&,\$[-4.85362]&,\$[-0.0178202]&
SAMPLE 2
NORMAL
\$[7.4856]&,\$[-3.46519]&,\$[-6.71497]&,\$[-10.6776]&,\$[-9.81148]&
TREATED
\$[-6.42493]&,\$[3.86255]&,\$[5.27605]&,\$[6.58752]&,\$[3.53183]&
SAMPLE 3
NORMAL
\$[-10.4595]&,\$[6.7892]&,\$[15.8677]&,\$[36.4942]&,\$[4.80316]&
TREATED
\$[9.85181]&,\$[0.138363]&,\$[8.64468]&,\$[3.90089]&,\$[17.7248]&
SAMPLE 4
NORMAL

\$[-4.62989]&,\$[3.00753]&,\$[-5.173]&,\$[17.078]&,\$[0.376849]&
TREATED
\$[2.53101]&,\$[-1.48118]&,\$[6.23548]&,\$[16.582]&,\$[-5.07467]&
SAMPLE 5
NORMAL
\$[-4.19439]&,\$[-7.17242]&,\$[4.7214]&,\$[-2.94213]&,\$[5.28137]&
TREATED
\$[5.88605]&,\$[10.4735]&,\$[8.18618]&,\$[0.73366]&,\$[-3.97279]&
SAMPLE 6
NORMAL
\$[-5.14461]&,\$[-1.88554]&,\$[-0.534245]&,\$[5.99778]&,\$[-0.347094]&
TREATED
\$[7.06817]&,\$[-4.61205]&,\$[1.35317]&,\$[6.21901]&,\$[-8.72942]&
SAMPLE 7
NORMAL
\$[-4.05938]&,\$[-7.1613]&,\$[-0.564744]&,\$[0.60498]&,\$[2.90095]&
TREATED
\$[-0.609646]&,\$[6.45833]&,\$[2.73432]&,\$[3.11418]&,\$[2.42445]&
SAMPLE 8
NORMAL
\$[1.32499]&,\$[7.72737]&,\$[4.60952]&,\$[7.19938]&,\$[3.30098]&
TREATED
\$[3.93455]&,\$[0.492654]&,\$[-10.5493]&,\$[-0.279718]&,\$[6.57201]&
SAMPLE 9
NORMAL
\$[7.74202]&,\$[8.65006]&,\$[-2.63301]&,\$[8.52575]&,\$[-2.22654]&
TREATED
\$[6.72523]&,\$[3.6081]&,\$[-0.0508011]&,\$[3.74586]&,\$[-10.9902]&
SAMPLE 10
NORMAL
\$[7.45009]&,\$[-7.85557]&,\$[-5.56794]&,\$[-5.85364]&,\$[-6.49353]&
TREATED
\$[10.3571]&,\$[12.744]&,\$[-0.226855]&,\$[1.61677]&,\$[6.11546]&

CE18B009
alpha = 0.0289027
FWER = 0.208093
SAMPLE FOR TTEST : SAMPLE no. 6
SAMPLE 1
NORMAL
\$[-9.32]&,\$[7.62233]&,\$[-13.9089]&,\$[6.96734]&,\$[8.20119]&
TREATED
\$[8.6705]&,\$[0.958535]&,\$[-3.77142]&,\$[9.36777]&,\$[-2.40718]&
SAMPLE 2
NORMAL
\$[-6.29897]&,\$[-15.4254]&,\$[-8.40302]&,\$[5.01397]&,\$[-4.78427]&
TREATED
\$[5.85396]&,\$[-2.11377]&,\$[0.819166]&,\$[6.39057]&,\$[2.17318]&
SAMPLE 3
NORMAL
\$[13.6918]&,\$[6.1615]&,\$[-5.34757]&,\$[-9.86255]&,\$[-12.1745]&
TREATED
\$[-1.46916]&,\$[3.26002]&,\$[0.871223]&,\$[17.9344]&,\$[-1.93631]&

SAMPLE 4
NORMAL
\$[2.54821]&\$[8.49982]&\$[-5.76834]&\$[2.95639]&\$[3.20885]&
TREATED
\$[-4.13767]&\$[-3.65682]&\$[6.20193]&\$[5.7926]&\$[0.247805]&
SAMPLE 5
NORMAL
\$[-1.89483]&\$[1.04132]&\$[4.89409]&\$[-3.6224]&\$[7.28105]&
TREATED
\$[1.91683]&\$[-0.689154]&\$[1.57593]&\$[1.23903]&\$[-2.5567]&
SAMPLE 6
NORMAL
\$[7.10971]&\$[-0.541159]&\$[15.0597]&\$[6.83255]&\$[4.82776]&
TREATED
\$[-2.25207]&\$[-9.97134]&\$[8.20677]&\$[12.0401]&\$[11.2794]&
SAMPLE 7
NORMAL
\$[1.86863]&\$[3.82963]&\$[4.52437]&\$[3.33503]&\$[5.91625]&
TREATED
\$[-7.61048]&\$[11.4954]&\$[-0.125875]&\$[-3.10278]&\$[-6.40914]&
SAMPLE 8
NORMAL
\$[-2.93911]&\$[2.52067]&\$[21.4778]&\$[10.704]&\$[-6.46214]&
TREATED
\$[6.73927]&\$[12.9869]&\$[-4.50383]&\$[2.61149]&\$[-6.77064]&
SAMPLE 9
NORMAL
\$[3.16653]&\$[1.09353]&\$[-1.72377]&\$[9.33687]&\$[9.49222]&
TREATED
\$[5.35728]&\$[4.8774]&\$[6.07684]&\$[-20.6469]&\$[-3.61961]&
SAMPLE 10
NORMAL
\$[-0.0644982]&\$[-4.30447]&\$[7.40367]&\$[21.2389]&\$[-7.89552]&
TREATED
\$[12.5345]&\$[3.52163]&\$[7.411]&\$[17.3631]&\$[17.7191]&

CE18B010
alpha = 0.027417
FWER = 0.391514
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[3.49391]&\$[2.20087]&\$[-1.33716]&\$[-19.1316]&\$[4.27814]&
TREATED
\$[13.6283]&\$[9.18575]&\$[11.1606]&\$[-0.985602]&\$[16.9329]&
SAMPLE 2
NORMAL
\$[-2.64964]&\$[5.9749]&\$[9.87911]&\$[6.14966]&\$[10.5769]&
TREATED
\$[2.82239]&\$[1.45867]&\$[5.05212]&\$[-2.81007]&\$[8.84168]&
SAMPLE 3
NORMAL
\$[6.09985]&\$[-1.10214]&\$[11.7709]&\$[1.31078]&\$[-2.48075]&

TREATED
\$[-8.10297]&\$[-1.76193]&\$[6.56238]&\$[-5.16402]&\$[-10.0139]&
SAMPLE 4
NORMAL
\$[0.191728]&\$[8.98524]&\$[-0.0559605]&\$[3.82]&\$[2.72695]&
TREATED
\$[-1.46557]&\$[-2.2213]&\$[2.47495]&\$[7.30751]&\$[2.97696]&
SAMPLE 5
NORMAL
\$[2.00588]&\$[5.99434]&\$[2.7823]&\$[5.75801]&\$[12.2854]&
TREATED
\$[0.905154]&\$[0.4934]&\$[-3.2508]&\$[-8.14786]&\$[0.714562]&
SAMPLE 6
NORMAL
\$[-9.77493]&\$[2.58435]&\$[3.12994]&\$[-7.79847]&\$[5.09697]&
TREATED
\$[4.43684]&\$[0.642219]&\$[9.17088]&\$[8.30545]&\$[3.83102]&
SAMPLE 7
NORMAL
\$[-8.14639]&\$[0.119108]&\$[-9.5916]&\$[2.71273]&\$[1.35256]&
TREATED
\$[-5.18496]&\$[-7.64795]&\$[3.44402]&\$[-1.97719]&\$[-4.80511]&
SAMPLE 8
NORMAL
\$[-8.90975]&\$[5.48726]&\$[23.5942]&\$[7.03514]&\$[-4.26655]&
TREATED
\$[1.76771]&\$[1.24941]&\$[2.64639]&\$[1.91882]&\$[4.40848]&
SAMPLE 9
NORMAL
\$[5.46822]&\$[0.37686]&\$[5.74868]&\$[2.56688]&\$[3.18593]&
TREATED
\$[5.1323]&\$[7.68286]&\$[9.91512]&\$[-5.70479]&\$[5.72667]&
SAMPLE 10
NORMAL
\$[-3.28477]&\$[0.969615]&\$[2.91538]&\$[4.19596]&\$[4.322]&
TREATED
\$[-2.88738]&\$[15.5605]&\$[3.29266]&\$[-7.10105]&\$[-6.37296]&

CE18B012
alpha = 0.0475402
FWER = 0.202573
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[3.1163]&\$[8.63455]&\$[3.50155]&\$[-2.82591]&\$[-8.72113]&
TREATED
\$[-0.836451]&\$[4.59982]&\$[3.36111]&\$[-0.700497]&\$[1.62897]&
SAMPLE 2
NORMAL
\$[-3.00181]&\$[4.61387]&\$[-3.09842]&\$[2.31539]&\$[-7.56289]&
TREATED
\$[-2.0494]&\$[15.629]&\$[12.7454]&\$[6.31636]&\$[2.7585]&
SAMPLE 3

NORMAL
\$[0.233926]&\$[2.42182]&\$[-0.139054]&\$[3.67289]&\$[-0.0690171]&
TREATED
\$[-1.47979]&\$[-2.02869]&\$[7.71514]&\$[-4.72844]&\$[7.03629]&
SAMPLE 4
NORMAL
\$[-2.12483]&\$[-2.0412]&\$[2.51431]&\$[4.38519]&\$[-10.6146]&
TREATED
\$[2.91056]&\$[4.30944]&\$[3.42806]&\$[0.885379]&\$[2.88894]&
SAMPLE 5
NORMAL
\$[4.20081]&\$[1.83729]&\$[3.69771]&\$[4.39573]&\$[7.77057]&
TREATED
\$[6.82472]&\$[6.95861]&\$[2.37954]&\$[1.62166]&\$[1.03059]&
SAMPLE 6
NORMAL
\$[3.63351]&\$[1.46325]&\$[7.10848]&\$[-0.288621]&\$[0.511724]&
TREATED
\$[0.912904]&\$[-3.74609]&\$[0.171292]&\$[6.11698]&\$[7.87145]&
SAMPLE 7
NORMAL
\$[-0.0253918]&\$[-3.46378]&\$[-6.64319]&\$[8.36746]&\$[-0.734511]&
TREATED
\$[8.77083]&\$[16.5742]&\$[-5.9424]&\$[-3.56765]&\$[8.70696]&
SAMPLE 8
NORMAL
\$[14.5873]&\$[16.8807]&\$[9.85816]&\$[19.3573]&\$[-2.28603]&
TREATED
\$[2.78544]&\$[-4.7386]&\$[15.3724]&\$[5.49955]&\$[12.2891]&
SAMPLE 9
NORMAL
\$[1.26576]&\$[0.0465105]&\$[0.0627925]&\$[-1.22617]&\$[8.11453]&
TREATED
\$[10.9747]&\$[7.09214]&\$[3.64187]&\$[7.14943]&\$[7.3869]&
SAMPLE 10
NORMAL
\$[1.171]&\$[-3.82936]&\$[0.172004]&\$[-4.59067]&\$[4.49925]&
TREATED
\$[4.02563]&\$[2.06715]&\$[3.12768]&\$[2.9169]&\$[7.38068]&

CE18B014
alpha = 0.0114386
FWER = 0.329759
SAMPLE FOR TTEST : SAMPLE no. 6
SAMPLE 1
NORMAL
\$[10.4237]&\$[11.2702]&\$[-7.50956]&\$[4.78567]&\$[-3.42828]&
TREATED
\$[11.0974]&\$[2.22753]&\$[-4.71809]&\$[-6.54638]&\$[5.95486]&
SAMPLE 2
NORMAL
\$[4.3728]&\$[5.66094]&\$[2.30724]&\$[2.05573]&\$[5.19112]&
TREATED

\$[11.0127]&\$[10.9255]&\$[-0.355765]&\$[1.10363]&\$[-0.89986]&
SAMPLE 3
NORMAL
\$[9.77194]&\$[3.34743]&\$[5.03698]&\$[2.87617]&\$[7.68135]&
TREATED
\$[10.5703]&\$[9.66579]&\$[1.33913]&\$[13.2944]&\$[0.289004]&
SAMPLE 4
NORMAL
\$[5.65547]&\$[3.93933]&\$[1.72631]&\$[-4.53927]&\$[6.00094]&
TREATED
\$[5.68386]&\$[5.99138]&\$[-1.04483]&\$[1.82323]&\$[5.16117]&
SAMPLE 5
NORMAL
\$[14.2762]&\$[5.55532]&\$[-10.2035]&\$[-0.0285579]&\$[13.4212]&
TREATED
\$[-0.0991982]&\$[6.06481]&\$[8.46333]&\$[-2.73763]&\$[14.6688]&
SAMPLE 6
NORMAL
\$[7.10002]&\$[5.6895]&\$[10.3391]&\$[10.8622]&\$[-13.4282]&
TREATED
\$[3.74901]&\$[-0.425331]&\$[-3.56164]&\$[3.64439]&\$[1.51395]&
SAMPLE 7
NORMAL
\$[6.95279]&\$[-13.8655]&\$[7.63391]&\$[8.51656]&\$[-10.0341]&
TREATED
\$[2.5589]&\$[13.0589]&\$[16.488]&\$[1.46561]&\$[13.7164]&
SAMPLE 8
NORMAL
\$[6.91906]&\$[-1.30517]&\$[11.1561]&\$[-5.37172]&\$[6.97937]&
TREATED
\$[14.5891]&\$[10.0954]&\$[-0.150411]&\$[-11.8237]&\$[15.728]&
SAMPLE 9
NORMAL
\$[3.1394]&\$[5.07725]&\$[1.35085]&\$[5.42657]&\$[3.77873]&
TREATED
\$[3.69925]&\$[9.91961]&\$[-2.25431]&\$[8.05736]&\$[2.38515]&
SAMPLE 10
NORMAL
\$[-2.57008]&\$[13.043]&\$[-11.7059]&\$[2.47712]&\$[4.70504]&
TREATED
\$[8.02557]&\$[4.60049]&\$[5.5254]&\$[-6.07753]&\$[-0.281686]&

CE18B015
alpha = 0.0406962
FWER = 0.294515
SAMPLE FOR TTEST : SAMPLE no. 9
SAMPLE 1
NORMAL
\$[9.76921]&\$[-2.20028]&\$[-7.34327]&\$[-3.10396]&\$[-3.22814]&
TREATED
\$[2.34319]&\$[-11.1975]&\$[5.15996]&\$[-4.02712]&\$[-3.34031]&
SAMPLE 2
NORMAL

\$[8.3581]&,\$[0.0279524]&,\$[4.64866]&,\$[0.217278]&,\$[-1.08695]&
TREATED
\$[0.401049]&,\$[1.76825]&,\$[6.78776]&,\$[4.54328]&,\$[4.75884]&
SAMPLE 3
NORMAL
\$[-3.14366]&,\$[-4.54616]&,\$[0.661587]&,\$[9.19553]&,\$[-2.61499]&
TREATED
\$[16.1934]&,\$[8.53805]&,\$[8.25905]&,\$[-6.39947]&,\$[13.6275]&
SAMPLE 4
NORMAL
\$[6.45911]&,\$[4.96118]&,\$[3.24642]&,\$[3.87781]&,\$[1.95897]&
TREATED
\$[-3.98644]&,\$[11.3095]&,\$[6.58507]&,\$[8.51193]&,\$[2.6904]&
SAMPLE 5
NORMAL
\$[1.51586]&,\$[12.4194]&,\$[-4.03135]&,\$[-0.69899]&,\$[-1.37243]&
TREATED
\$[-0.103071]&,\$[-9.57555]&,\$[5.48376]&,\$[-8.76878]&,\$[3.63237]&
SAMPLE 6
NORMAL
\$[2.04085]&,\$[8.53109]&,\$[3.07814]&,\$[-2.53866]&,\$[1.91955]&
TREATED
\$[30.9256]&,\$[1.58386]&,\$[3.11109]&,\$[-4.41238]&,\$[7.04832]&
SAMPLE 7
NORMAL
\$[-1.26303]&,\$[12.2564]&,\$[3.80395]&,\$[-17.3522]&,\$[-8.27241]&
TREATED
\$[-10.883]&,\$[5.1053]&,\$[-4.78832]&,\$[7.73854]&,\$[-2.23491]&
SAMPLE 8
NORMAL
\$[0.97096]&,\$[2.1716]&,\$[4.14489]&,\$[1.91506]&,\$[1.7102]&
TREATED
\$[2.37558]&,\$[-2.73568]&,\$[4.70669]&,\$[3.07006]&,\$[1.65367]&
SAMPLE 9
NORMAL
\$[-2.33711]&,\$[1.46919]&,\$[2.55084]&,\$[3.83202]&,\$[9.15566]&
TREATED
\$[-4.91468]&,\$[10.4192]&,\$[-11.7781]&,\$[-5.12587]&,\$[-17.9233]&
SAMPLE 10
NORMAL
\$[7.5165]&,\$[7.08869]&,\$[11.6606]&,\$[0.494821]&,\$[6.59839]&
TREATED
\$[-4.50709]&,\$[-9.52244]&,\$[0.84261]&,\$[0.232454]&,\$[-1.61662]&

CE18B021
alpha = 0.00354353
FWER = 0.395418
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[17.7976]&,\$[6.91285]&,\$[-2.04589]&,\$[7.65136]&,\$[7.82535]&
TREATED
\$[-2.13299]&,\$[13.0193]&,\$[-2.69259]&,\$[5.63159]&,\$[13.0866]&

SAMPLE 2
NORMAL
\$[4.00241]&\$[8.00922]&\$[-2.76035]&\$[-3.66162]&\$[-0.799749]&
TREATED
\$[-11.645]&\$[-6.123]&\$[-2.93265]&\$[-2.76786]&\$[-3.47866]&
SAMPLE 3
NORMAL
\$[-6.25877]&\$[2.00228]&\$[5.20171]&\$[8.21454]&\$[12.981]&
TREATED
\$[11.6483]&\$[15.9309]&\$[1.1016]&\$[10.4135]&\$[-11.507]&
SAMPLE 4
NORMAL
\$[3.91954]&\$[11.5547]&\$[3.68917]&\$[-1.33962]&\$[-9.97548]&
TREATED
\$[3.49633]&\$[3.70786]&\$[2.78544]&\$[8.21211]&\$[7.54917]&
SAMPLE 5
NORMAL
\$[-6.13092]&\$[-1.26477]&\$[11.401]&\$[7.95826]&\$[-1.29356]&
TREATED
\$[-8.63417]&\$[2.79885]&\$[1.90815]&\$[-1.45205]&\$[7.31122]&
SAMPLE 6
NORMAL
\$[3.81919]&\$[6.15365]&\$[-19.8649]&\$[0.644858]&\$[6.49514]&
TREATED
\$[-9.90626]&\$[1.03151]&\$[4.86029]&\$[6.82472]&\$[7.91474]&
SAMPLE 7
NORMAL
\$[3.26443]&\$[5.80578]&\$[1.37184]&\$[9.44502]&\$[-3.52956]&
TREATED
\$[-1.68053]&\$[4.2099]&\$[0.907591]&\$[-2.18741]&\$[-6.65303]&
SAMPLE 8
NORMAL
\$[3.00233]&\$[0.354637]&\$[4.01225]&\$[0.403873]&\$[-0.432523]&
TREATED
\$[-1.49552]&\$[5.63547]&\$[0.913513]&\$[3.50167]&\$[12.9515]&
SAMPLE 9
NORMAL
\$[9.84398]&\$[-8.58599]&\$[4.49331]&\$[5.41143]&\$[4.91701]&
TREATED
\$[-3.17378]&\$[1.00902]&\$[-1.21493]&\$[3.48888]&\$[9.04993]&
SAMPLE 10
NORMAL
\$[4.36509]&\$[-2.32545]&\$[0.901779]&\$[1.96146]&\$[8.12314]&
TREATED
\$[11.7497]&\$[1.7885]&\$[10.1948]&\$[9.07754]&\$[4.13137]&

CE18B022
alpha = 0.0296217
FWER = 0.389171
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[1.57971]&\$[19.6127]&\$[-4.27815]&\$[9.22914]&\$[-1.16438]&

TREATED
\$[3.03416]&\$[4.20869]&\$[13.6799]&\$[2.68546]&\$[2.9377]&
SAMPLE 2
NORMAL
\$[10.5523]&\$[4.69267]&\$[1.02718]&\$[5.24263]&\$[5.00293]&
TREATED
\$[4.89578]&\$[3.64168]&\$[1.60978]&\$[-7.21287]&\$[-5.52785]&
SAMPLE 3
NORMAL
\$[0.838894]&\$[2.09401]&\$[17.0347]&\$[6.55526]&\$[-11.3838]&
TREATED
\$[-5.74605]&\$[6.83778]&\$[8.64419]&\$[6.06097]&\$[4.9602]&
SAMPLE 4
NORMAL
\$[5.03882]&\$[1.12113]&\$[2.88233]&\$[-4.23385]&\$[4.67654]&
TREATED
\$[13.3193]&\$[8.25674]&\$[3.28866]&\$[4.32747]&\$[2.97814]&
SAMPLE 5
NORMAL
\$[7.39193]&\$[2.19615]&\$[-9.37655]&\$[-10.4775]&\$[-1.70004]&
TREATED
\$[8.5446]&\$[8.04446]&\$[9.82586]&\$[-0.461471]&\$[5.14009]&
SAMPLE 6
NORMAL
\$[-15.3913]&\$[15.0319]&\$[4.42413]&\$[0.607507]&\$[5.84527]&
TREATED
\$[9.27245]&\$[17.2003]&\$[9.64204]&\$[0.699391]&\$[-9.02867]&
SAMPLE 7
NORMAL
\$[10.3679]&\$[8.89741]&\$[11.1037]&\$[3.76098]&\$[14.2247]&
TREATED
\$[-5.75525]&\$[-8.73303]&\$[-4.31627]&\$[-1.77344]&\$[-2.10475]&
SAMPLE 8
NORMAL
\$[8.13366]&\$[-0.486029]&\$[13.0224]&\$[-3.59784]&\$[2.50144]&
TREATED
\$[-0.418834]&\$[-2.64777]&\$[5.88563]&\$[-0.150962]&\$[1.31558]&
SAMPLE 9
NORMAL
\$[9.07483]&\$[9.20108]&\$[-4.42007]&\$[8.21825]&\$[-0.163864]&
TREATED
\$[-2.31327]&\$[3.25143]&\$[2.0584]&\$[-4.01641]&\$[4.17749]&
SAMPLE 10
NORMAL
\$[5.411]&\$[5.52457]&\$[-5.00818]&\$[2.62812]&\$[-21.2347]&
TREATED
\$[4.08355]&\$[20.7871]&\$[8.23999]&\$[12.2345]&\$[-6.0675]&

CE18B025
alpha = 0.0136533
FWER = 0.279818
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1

NORMAL
\$[5.22521]&\$[5.60804]&\$[-0.176936]&\$[12.7665]&\$[-1.80769]&
TREATED
\$[-2.69854]&\$[-1.79389]&\$[-7.57305]&\$[4.94903]&\$[7.22453]&
SAMPLE 2
NORMAL
\$[-11.4741]&\$[1.15446]&\$[4.85452]&\$[1.72717]&\$[3.52696]&
TREATED
\$[4.52222]&\$[5.47723]&\$[3.45424]&\$[6.57693]&\$[8.56901]&
SAMPLE 3
NORMAL
\$[8.66471]&\$[12.5625]&\$[5.27295]&\$[8.22229]&\$[-0.450582]&
TREATED
\$[7.19839]&\$[9.49185]&\$[-19.5533]&\$[0.170573]&\$[0.651237]&
SAMPLE 4
NORMAL
\$[5.62494]&\$[3.05574]&\$[2.69944]&\$[1.98757]&\$[6.66279]&
TREATED
\$[-3.41537]&\$[-7.35122]&\$[-0.613827]&\$[5.07528]&\$[0.474985]&
SAMPLE 5
NORMAL
\$[1.88108]&\$[-3.43537]&\$[1.62975]&\$[0.599842]&\$[5.6342]&
TREATED
\$[21.1687]&\$[0.346925]&\$[9.2401]&\$[6.54012]&\$[-1.33931]&
SAMPLE 6
NORMAL
\$[19.0258]&\$[-20.1875]&\$[-4.74946]&\$[-14.0784]&\$[-9.68018]&
TREATED
\$[-4.80021]&\$[8.65328]&\$[-6.77189]&\$[-5.84232]&\$[-5.77677]&
SAMPLE 7
NORMAL
\$[-4.32589]&\$[7.5909]&\$[4.49436]&\$[-0.518133]&\$[-1.33268]&
TREATED
\$[9.48789]&\$[4.89249]&\$[-0.292392]&\$[-1.42169]&\$[-0.539357]&
SAMPLE 8
NORMAL
\$[8.24926]&\$[0.595599]&\$[12.1231]&\$[-3.00838]&\$[6.33101]&
TREATED
\$[18.1174]&\$[12.3039]&\$[8.1737]&\$[12.1012]&\$[-7.6559]&
SAMPLE 9
NORMAL
\$[3.40846]&\$[5.06728]&\$[-5.47629]&\$[-10.627]&\$[-0.064081]&
TREATED
\$[7.90011]&\$[-0.501536]&\$[-1.9148]&\$[-9.53621]&\$[0.45857]&
SAMPLE 10
NORMAL
\$[-5.0976]&\$[8.20828]&\$[-4.06459]&\$[-10.8917]&\$[12.1708]&
TREATED
\$[4.89863]&\$[-11.2531]&\$[-4.34042]&\$[-7.67977]&\$[11.6293]&

CE18B027

alpha = 0.0386854

FWER = 0.317371

SAMPLE FOR TTEST : SAMPLE no. 5

SAMPLE 1

NORMAL

\$[-9.33312]&\$[-11.776]&\$[1.84894]&\$[12.4301]&\$[-2.64403]&
TREATED

\$[8.24687]&\$[2.95655]&\$[0.881301]&\$[3.92755]&\$[-0.797496]&

SAMPLE 2

NORMAL

\$[-1.78342]&\$[14.3107]&\$[0.718465]&\$[8.37032]&\$[5.554]&
TREATED

\$[-6.08634]&\$[-14.1908]&\$[1.48369]&\$[-3.56542]&\$[4.27109]&

SAMPLE 3

NORMAL

\$[14.8994]&\$[-0.233264]&\$[8.22242]&\$[7.31792]&\$[14.2187]&
TREATED

\$[11.9294]&\$[2.73971]&\$[-1.41474]&\$[7.48334]&\$[1.03632]&

SAMPLE 4

NORMAL

\$[0.114963]&\$[0.701817]&\$[3.08962]&\$[1.76836]&\$[-0.490883]&
TREATED

\$[3.14003]&\$[-0.247384]&\$[18.6177]&\$[-6.88197]&\$[20.8975]&

SAMPLE 5

NORMAL

\$[0.572336]&\$[1.78028]&\$[-1.98396]&\$[-11.3771]&\$[9.02394]&
TREATED

\$[7.81473]&\$[-3.60676]&\$[7.31746]&\$[-0.773974]&\$[11.1152]&

SAMPLE 6

NORMAL

\$[9.22873]&\$[0.217288]&\$[3.11516]&\$[-2.5605]&\$[3.27765]&
TREATED

\$[3.00599]&\$[-1.94778]&\$[5.36758]&\$[9.84011]&\$[-4.52723]&

SAMPLE 7

NORMAL

\$[-14.1016]&\$[-9.18243]&\$[11.8187]&\$[16.544]&\$[-10.138]&
TREATED

\$[5.05696]&\$[3.08665]&\$[3.40128]&\$[2.36737]&\$[9.71901]&

SAMPLE 8

NORMAL

\$[-2.24122]&\$[4.73058]&\$[5.64735]&\$[2.70499]&\$[-4.48582]&
TREATED

\$[17.2488]&\$[4.30919]&\$[-7.06273]&\$[-1.98793]&\$[3.86446]&

SAMPLE 9

NORMAL

\$[-7.63406]&\$[4.92848]&\$[0.369506]&\$[-3.16063]&\$[-2.60689]&
TREATED

\$[4.76293]&\$[5.85552]&\$[6.29252]&\$[5.7255]&\$[4.20108]&

SAMPLE 10

NORMAL

\$[11.0018]&\$[-2.00223]&\$[-4.68347]&\$[-3.17324]&\$[10.154]&
TREATED

\$[1.00212]&\$[4.60196]&\$[6.86237]&\$[2.94159]&\$[0.316465]&

CE18B028

alpha = 0.0060237
FWER = 0.397159

SAMPLE FOR TTEST : SAMPLE no. 7

SAMPLE 1

NORMAL

\$[5.11838]&\$[0.67608]&\$[-5.39526]&\$[-2.65113]&\$[-2.70886]&
TREATED

\$[-2.71867]&\$[8.83623]&\$[4.09288]&\$[-2.83915]&\$[-3.61969]&
SAMPLE 2

NORMAL

\$[17.6271]&\$[-0.330707]&\$[-11.7151]&\$[3.13712]&\$[7.73931]&
TREATED

\$[0.499964]&\$[-9.05891]&\$[-1.27441]&\$[0.873376]&\$[0.874094]&
SAMPLE 3

NORMAL

\$[-9.67868]&\$[-14.9866]&\$[2.513]&\$[-5.20086]&\$[10.0543]&
TREATED

\$[8.48176]&\$[9.77718]&\$[-7.60595]&\$[7.45735]&\$[1.78377]&
SAMPLE 4

NORMAL

\$[1.60032]&\$[2.09996]&\$[2.35033]&\$[5.56646]&\$[10.9211]&
TREATED

\$[-5.33903]&\$[3.90099]&\$[18.4432]&\$[10.8921]&\$[12.5936]&
SAMPLE 5

NORMAL

\$[7.34372]&\$[-2.64107]&\$[1.32796]&\$[8.13662]&\$[3.72405]&
TREATED

\$[1.45243]&\$[1.79823]&\$[-2.80927]&\$[2.15193]&\$[-6.12919]&
SAMPLE 6

NORMAL

\$[4.04831]&\$[8.49152]&\$[-6.8498]&\$[-10.669]&\$[1.12932]&
TREATED

\$[0.883665]&\$[3.32401]&\$[-0.740198]&\$[2.774]&\$[0.881983]&
SAMPLE 7

NORMAL

\$[3.8652]&\$[9.44473]&\$[-2.63043]&\$[-4.71052]&\$[-0.644591]&
TREATED

\$[-0.686742]&\$[0.39256]&\$[2.92195]&\$[1.80524]&\$[4.73443]&
SAMPLE 8

NORMAL

\$[2.20768]&\$[-1.21934]&\$[6.68463]&\$[10.5055]&\$[-3.19623]&
TREATED

\$[1.81501]&\$[0.399716]&\$[4.54067]&\$[-2.06099]&\$[-1.14015]&
SAMPLE 9

NORMAL

\$[1.02533]&\$[7.26904]&\$[3.91859]&\$[0.561987]&\$[4.57961]&
TREATED

\$[10.8969]&\$[21.8146]&\$[22.1152]&\$[21.2779]&\$[-5.33116]&
SAMPLE 10

NORMAL

\$[-11.0077]&\$[4.92324]&\$[7.07336]&\$[1.98541]&\$[6.14393]&
TREATED

\$[-3.46502]&\$[-4.07647]&\$[3.86203]&\$[12.3548]&\$[-6.0984]&

CE18B030

alpha = 0.0373199

FWER = 0.336852

SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1

NORMAL

\$[-2.22228]&\$[-2.45287]&\$[-4.89059]&\$[4.87326]&\$[14.4348]&

TREATED

\$[9.63505]&\$[7.07035]&\$[-5.61904]&\$[-2.29222]&\$[0.611233]&

SAMPLE 2

NORMAL

\$[-0.0233614]&\$[16.5944]&\$[8.69351]&\$[-5.13425]&\$[7.60571]&

TREATED

\$[0.97699]&\$[4.31957]&\$[3.15745]&\$[2.33572]&\$[0.755833]&

SAMPLE 3

NORMAL

\$[-5.55778]&\$[7.92412]&\$[-15.0838]&\$[-5.46644]&\$[-5.35179]&

TREATED

\$[-5.93171]&\$[-8.92241]&\$[5.20597]&\$[-9.54087]&\$[-3.66864]&

SAMPLE 4

NORMAL

\$[-4.72935]&\$[6.11468]&\$[3.66374]&\$[-1.98811]&\$[5.37091]&

TREATED

\$[0.687042]&\$[3.72054]&\$[6.55813]&\$[3.00901]&\$[2.022]&

SAMPLE 5

NORMAL

\$[6.15568]&\$[-2.91033]&\$[-14.6836]&\$[-10.1448]&\$[10.5074]&

TREATED

\$[8.971]&\$[19.3347]&\$[-4.04519]&\$[-1.58399]&\$[3.60936]&

SAMPLE 6

NORMAL

\$[5.36861]&\$[10.3906]&\$[5.75274]&\$[-6.93601]&\$[-6.33309]&

TREATED

\$[14.2633]&\$[13.461]&\$[1.07626]&\$[7.43052]&\$[-4.22958]&

SAMPLE 7

NORMAL

\$[5.42094]&\$[7.42128]&\$[-11.1308]&\$[-19.114]&\$[3.61902]&

TREATED

\$[2.22834]&\$[-3.87195]&\$[5.11191]&\$[-2.75671]&\$[-2.36929]&

SAMPLE 8

NORMAL

\$[4.06715]&\$[0.786889]&\$[2.65693]&\$[0.0449403]&\$[7.52014]&

TREATED

\$[1.72994]&\$[4.65161]&\$[4.93239]&\$[6.0773]&\$[-1.684]&

SAMPLE 9

NORMAL

\$[4.69886]&\$[7.73054]&\$[13.6109]&\$[1.52141]&\$[-8.20844]&

TREATED

\$[0.15258]&\$[2.09225]&\$[2.06441]&\$[3.65679]&\$[10.015]&

SAMPLE 10

NORMAL

\$[-1.61355]&\$[15.7704]&\$[3.40529]&\$[0.692821]&\$[-6.7012]&

TREATED

\$[11.8112]&\$[-2.73235]&\$[-14.3825]&\$[11.694]&\$[-1.6094]&

CE18B032

alpha = 0.0466404

FWER = 0.372432

SAMPLE FOR TTEST : SAMPLE no. 5

SAMPLE 1

NORMAL

\$[7.98831]&\$[-9.17427]&\$[16.9803]&\$[-7.97337]&\$[-1.1033]&

TREATED

\$[1.16105]&\$[8.31174]&\$[-8.08204]&\$[-3.80215]&\$[7.8177]&

SAMPLE 2

NORMAL

\$[2.23736]&\$[0.59988]&\$[8.70382]&\$[-7.23364]&\$[13.4436]&

TREATED

\$[20.1521]&\$[-4.4166]&\$[-0.868074]&\$[5.9251]&\$[7.0747]&

SAMPLE 3

NORMAL

\$[1.80507]&\$[6.57618]&\$[7.16242]&\$[1.18386]&\$[-3.53756]&

TREATED

\$[-2.93253]&\$[0.955352]&\$[7.07116]&\$[6.50004]&\$[0.194208]&

SAMPLE 4

NORMAL

\$[5.00008]&\$[6.22592]&\$[6.8554]&\$[5.4622]&\$[-1.23493]&

TREATED

\$[-3.2983]&\$[-14.0149]&\$[8.54671]&\$[-1.59109]&\$[8.36397]&

SAMPLE 5

NORMAL

\$[-0.76672]&\$[3.35187]&\$[-0.357385]&\$[6.49105]&\$[0.692123]&

TREATED

\$[7.21389]&\$[-3.35169]&\$[13.7162]&\$[0.607844]&\$[-3.49113]&

SAMPLE 6

NORMAL

\$[-0.781834]&\$[-5.71432]&\$[4.90553]&\$[9.91429]&\$[-0.769413]&

TREATED

\$[8.09652]&\$[6.90308]&\$[2.09825]&\$[5.21387]&\$[5.74561]&

SAMPLE 7

NORMAL

\$[7.85199]&\$[4.81814]&\$[11.9514]&\$[4.33171]&\$[2.04079]&

TREATED

\$[1.02393]&\$[11.7408]&\$[8.42822]&\$[1.22073]&\$[8.54888]&

SAMPLE 8

NORMAL

\$[4.499]&\$[-5.23959]&\$[3.80555]&\$[7.68544]&\$[-2.05918]&

TREATED

\$[1.79542]&\$[-1.68784]&\$[4.35794]&\$[-4.19782]&\$[-2.06117]&

SAMPLE 9

NORMAL

\$[3.55552]&\$[2.20137]&\$[1.42196]&\$[0.0490064]&\$[-1.30261]&

TREATED

\$[-1.53564]&\$[2.6652]&\$[16.9091]&\$[-13.2027]&\$[-5.52763]&

SAMPLE 10

NORMAL

\$[1.6335]&,\$[1.48687]&,\$[8.3192]&,\$[6.78201]&,\$[9.25158]&
TREATED
\$[8.74417]&,\$[7.13796]&,\$[12.3475]&,\$[-8.65326]&,\$[13.053]&

CE18B034

alpha = 0.0122245

FWER = 0.334445

SAMPLE FOR TTEST : SAMPLE no. 1

SAMPLE 1

NORMAL

\$[2.20359]&,\$[12.366]&,\$[12.0998]&,\$[1.73042]&,\$[-8.67269]&
TREATED

\$[2.3455]&,\$[1.64154]&,\$[-0.0567917]&,\$[-1.40791]&,\$[2.46741]&

SAMPLE 2

NORMAL

\$[2.51894]&,\$[-6.24569]&,\$[-3.73986]&,\$[1.70218]&,\$[2.85868]&
TREATED

\$[6.0646]&,\$[-5.32875]&,\$[-4.79955]&,\$[2.38535]&,\$[4.18559]&

SAMPLE 3

NORMAL

\$[-1.84846]&,\$[4.36468]&,\$[0.890388]&,\$[-0.96197]&,\$[3.1849]&
TREATED

\$[7.18776]&,\$[6.62467]&,\$[-8.8079]&,\$[-3.16815]&,\$[4.62906]&

SAMPLE 4

NORMAL

\$[2.63795]&,\$[4.6545]&,\$[6.03024]&,\$[2.22781]&,\$[6.83129]&
TREATED

\$[9.23844]&,\$[5.59518]&,\$[-4.88716]&,\$[-0.604397]&,\$[2.86784]&

SAMPLE 5

NORMAL

\$[4.76977]&,\$[5.8108]&,\$[10.3601]&,\$[-0.250917]&,\$[2.65338]&
TREATED

\$[7.82562]&,\$[11.6249]&,\$[-4.6122]&,\$[11.0476]&,\$[-0.260373]&

SAMPLE 6

NORMAL

\$[11.9003]&,\$[-6.0247]&,\$[7.16163]&,\$[10.6603]&,\$[0.00530822]&
TREATED

\$[2.09989]&,\$[1.5706]&,\$[-3.00297]&,\$[1.14979]&,\$[-0.794907]&

SAMPLE 7

NORMAL

\$[7.89398]&,\$[-1.88369]&,\$[-0.319455]&,\$[4.40296]&,\$[-1.6792]&
TREATED

\$[16.7361]&,\$[18.9398]&,\$[-2.9625]&,\$[-2.31176]&,\$[8.76191]&

SAMPLE 8

NORMAL

\$[2.69698]&,\$[-4.83365]&,\$[-0.895672]&,\$[0.490661]&,\$[-6.51807]&
TREATED

\$[-1.02183]&,\$[3.09329]&,\$[9.33344]&,\$[-0.954923]&,\$[-2.37662]&

SAMPLE 9

NORMAL

\$[2.33503]&,\$[7.98956]&,\$[-7.22051]&,\$[-10.3792]&,\$[-1.4815]&

TREATED

\$[-8.22611]&,\$[2.23859]&,\$[-1.16728]&,\$[-0.00687537]&,\$[-5.61334]&

SAMPLE 10

NORMAL

\$[-0.132526]&,\$[2.29258]&,\$[3.20914]&,\$[-0.0711942]&,\$[1.629]&
TREATED
\$[5.07638]&,\$[-8.3701]&,\$[4.46946]&,\$[-10.7576]&,\$[-4.08295]&

CE18B037

alpha = 0.0473242

FWER = 0.256028

SAMPLE FOR TTEST : SAMPLE no. 2

SAMPLE 1

NORMAL

\$[3.41144]&,\$[-2.04044]&,\$[6.2814]&,\$[5.04095]&,\$[13.4265]&
TREATED

\$[-0.560538]&,\$[14.1878]&,\$[-5.67261]&,\$[-7.74876]&,\$[0.394558]&
SAMPLE 2

NORMAL

\$[5.6794]&,\$[1.68016]&,\$[0.468677]&,\$[9.40516]&,\$[6.46419]&
TREATED

\$[0.104148]&,\$[10.4523]&,\$[19.3556]&,\$[13.4339]&,\$[7.98907]&

SAMPLE 3

NORMAL

\$[-0.168867]&,\$[-8.78085]&,\$[-4.71683]&,\$[7.10759]&,\$[-1.88433]&
TREATED

\$[4.88892]&,\$[4.06739]&,\$[0.47076]&,\$[-2.83995]&,\$[0.0959897]&

SAMPLE 4

NORMAL

\$[2.69977]&,\$[-2.21074]&,\$[1.53637]&,\$[4.81949]&,\$[2.01375]&
TREATED

\$[4.35929]&,\$[4.27164]&,\$[0.204619]&,\$[6.35318]&,\$[11.8855]&
SAMPLE 5

NORMAL

\$[-3.58415]&,\$[6.17023]&,\$[16.245]&,\$[13.7059]&,\$[-10.6193]&
TREATED

\$[5.82797]&,\$[-10.5465]&,\$[7.82081]&,\$[-0.683799]&,\$[-14.2536]&

SAMPLE 6

NORMAL

\$[-3.59121]&,\$[-2.31847]&,\$[10.3436]&,\$[5.42871]&,\$[2.74498]&
TREATED

\$[-0.697562]&,\$[-2.02553]&,\$[14.6732]&,\$[4.04897]&,\$[-5.26065]&
SAMPLE 7

NORMAL

\$[3.32202]&,\$[-0.921524]&,\$[1.94085]&,\$[-3.88136]&,\$[-3.83394]&
TREATED

\$[-11.347]&,\$[-2.09368]&,\$[14.8001]&,\$[3.61493]&,\$[11.0992]&
SAMPLE 8

NORMAL

\$[5.3905]&,\$[-0.116966]&,\$[7.85292]&,\$[8.63527]&,\$[6.74979]&
TREATED

\$[4.2302]&,\$[1.09626]&,\$[-3.73433]&,\$[1.39414]&,\$[2.9316]&

SAMPLE 9

NORMAL

\$[4.15186]&,\$[8.91139]&,\$[2.9785]&,\$[-7.74879]&,\$[5.63612]&

TREATED
\$[9.15529]&\$[-3.5568]&\$[7.15988]&\$[-8.10715]&\$[21.2144]&
SAMPLE 10
NORMAL
\$[17.8589]&\$[-3.86347]&\$[8.85053]&\$[0.392892]&\$[4.73339]&
TREATED
\$[4.59845]&\$[19.6453]&\$[-5.00741]&\$[5.11117]&\$[-11.11]&

CE18B038
alpha = 0.0402435
FWER = 0.24475
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[-0.434009]&\$[1.90535]&\$[-0.356069]&\$[0.631729]&\$[1.2922]&
TREATED
\$[4.43364]&\$[3.97043]&\$[-3.89822]&\$[4.07733]&\$[7.57279]&
SAMPLE 2
NORMAL
\$[14.0777]&\$[0.727088]&\$[-0.3194]&\$[6.78659]&\$[3.03152]&
TREATED
\$[-4.48057]&\$[1.50785]&\$[6.15333]&\$[-3.32054]&\$[2.51117]&
SAMPLE 3
NORMAL
\$[4.19131]&\$[0.821092]&\$[7.28558]&\$[-0.912068]&\$[12.5492]&
TREATED
\$[-4.60706]&\$[5.8544]&\$[6.97206]&\$[-0.278895]&\$[16.2249]&
SAMPLE 4
NORMAL
\$[-2.23302]&\$[-0.647212]&\$[12.5706]&\$[9.3311]&\$[4.88851]&
TREATED
\$[-0.835394]&\$[-0.104361]&\$[6.71322]&\$[-14.6362]&\$[9.61701]&
SAMPLE 5
NORMAL
\$[-0.521765]&\$[0.586366]&\$[4.32058]&\$[-1.1362]&\$[5.38726]&
TREATED
\$[6.28103]&\$[1.5413]&\$[16.4128]&\$[-2.2403]&\$[-8.00868]&
SAMPLE 6
NORMAL
\$[3.89546]&\$[3.85827]&\$[1.15809]&\$[7.96831]&\$[-3.99689]&
TREATED
\$[8.63411]&\$[-1.50645]&\$[6.97774]&\$[-10.6665]&\$[6.14069]&
SAMPLE 7
NORMAL
\$[-2.71695]&\$[2.4662]&\$[4.05421]&\$[-4.09979]&\$[3.42733]&
TREATED
\$[2.71833]&\$[6.40952]&\$[1.27315]&\$[2.12467]&\$[7.30285]&
SAMPLE 8
NORMAL
\$[6.98163]&\$[9.37785]&\$[9.78162]&\$[1.69829]&\$[-9.13479]&
TREATED
\$[7.74708]&\$[-8.02009]&\$[8.30886]&\$[-1.8685]&\$[6.19605]&
SAMPLE 9

NORMAL
\$[-3.39708]&\$[-1.39325]&\$[3.88449]&\$[1.06942]&\$[1.97253]&
TREATED
\$[-0.432635]&\$[12.2347]&\$[2.58153]&\$[5.56074]&\$[1.59621]&
SAMPLE 10
NORMAL
\$[-1.82277]&\$[5.00205]&\$[-4.22831]&\$[4.33098]&\$[-4.38079]&
TREATED
\$[5.36242]&\$[-6.06242]&\$[-3.33658]&\$[6.66664]&\$[1.60989]&

CE18B039
alpha = 0.0301562
FWER = 0.208221
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[5.65887]&\$[3.33451]&\$[-3.40957]&\$[7.60877]&\$[-2.32185]&
TREATED
\$[-5.91698]&\$[-17.6624]&\$[-5.76722]&\$[5.00146]&\$[-8.42025]&
SAMPLE 2
NORMAL
\$[3.80125]&\$[3.45966]&\$[7.22314]&\$[-4.06015]&\$[-1.89836]&
TREATED
\$[-2.20172]&\$[10.8634]&\$[2.07769]&\$[-8.03614]&\$[6.93419]&
SAMPLE 3
NORMAL
\$[2.29931]&\$[-3.18733]&\$[4.17469]&\$[6.84361]&\$[-1.13775]&
TREATED
\$[5.30657]&\$[-1.62677]&\$[-2.45852]&\$[-4.36365]&\$[-0.493837]&
SAMPLE 4
NORMAL
\$[7.77349]&\$[7.89827]&\$[-7.28722]&\$[10.8558]&\$[12.8358]&
TREATED
\$[6.88622]&\$[3.73831]&\$[7.31351]&\$[5.32255]&\$[3.46803]&
SAMPLE 5
NORMAL
\$[-13.6498]&\$[-6.75642]&\$[-5.12232]&\$[2.45991]&\$[14.5105]&
TREATED
\$[-12.4068]&\$[-12.787]&\$[-16.0844]&\$[6.98641]&\$[-5.23418]&
SAMPLE 6
NORMAL
\$[-3.17024]&\$[-10.2621]&\$[-6.53113]&\$[3.0167]&\$[16.9861]&
TREATED
\$[-5.06334]&\$[-0.175059]&\$[9.62989]&\$[-7.99584]&\$[-5.47556]&
SAMPLE 7
NORMAL
\$[2.04387]&\$[-12.9632]&\$[-2.34392]&\$[17.6796]&\$[-4.9832]&
TREATED
\$[1.40612]&\$[-3.30939]&\$[-8.02944]&\$[-13.1208]&\$[-0.254703]&
SAMPLE 8
NORMAL
\$[7.24811]&\$[-9.33919]&\$[-15.9904]&\$[-4.12615]&\$[17.0802]&
TREATED

\$[9.53032]&\$[-2.31128]&\$[4.69465]&\$[-10.1599]&\$[16.6246]&
SAMPLE 9
NORMAL
\$[25.9964]&\$[-3.41956]&\$[9.68263]&\$[-4.44589]&\$[-1.63428]&
TREATED
\$[19.5161]&\$[-6.09854]&\$[6.58702]&\$[3.32309]&\$[13.944]&
SAMPLE 10
NORMAL
\$[9.58286]&\$[0.864665]&\$[-8.93719]&\$[-0.402911]&\$[-1.07531]&
TREATED
\$[16.9464]&\$[-1.81924]&\$[1.70499]&\$[-11.0556]&\$[12.6231]&

CE18B041
alpha = 0.031783
FWER = 0.332463
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[8.58336]&\$[5.02592]&\$[11.3779]&\$[6.97075]&\$[5.30117]&
TREATED
\$[-7.6185]&\$[9.83454]&\$[12.5315]&\$[6.84]&\$[-8.51397]&
SAMPLE 2
NORMAL
\$[4.70303]&\$[10.0998]&\$[7.78063]&\$[-4.70056]&\$[2.97853]&
TREATED
\$[5.81475]&\$[1.77804]&\$[-2.75838]&\$[1.61161]&\$[1.61061]&
SAMPLE 3
NORMAL
\$[1.99583]&\$[1.4654]&\$[2.53474]&\$[4.57546]&\$[1.35318]&
TREATED
\$[10.134]&\$[10.6775]&\$[10.0561]&\$[3.82811]&\$[-14.7095]&
SAMPLE 4
NORMAL
\$[2.43077]&\$[7.19397]&\$[-1.61567]&\$[3.75466]&\$[-3.95708]&
TREATED
\$[-9.91697]&\$[14.7182]&\$[4.98348]&\$[3.24743]&\$[7.13186]&
SAMPLE 5
NORMAL
\$[1.81032]&\$[1.6745]&\$[-2.69689]&\$[6.14989]&\$[3.30073]&
TREATED
\$[4.11299]&\$[0.715748]&\$[1.84511]&\$[-2.36234]&\$[1.25124]&
SAMPLE 6
NORMAL
\$[-16.3781]&\$[-12.9459]&\$[11.7149]&\$[20.0157]&\$[18.7403]&
TREATED
\$[14.6782]&\$[-2.97981]&\$[-7.67984]&\$[7.00598]&\$[1.31075]&
SAMPLE 7
NORMAL
\$[0.990252]&\$[-0.294878]&\$[3.48855]&\$[4.77424]&\$[0.98384]&
TREATED
\$[8.91466]&\$[7.12126]&\$[-1.26179]&\$[3.65205]&\$[4.47571]&
SAMPLE 8
NORMAL

\$[17.4111]&\$[5.6977]&\$[9.2602]&\$[-3.64702]&\$[12.917]&
TREATED
\$[-1.95212]&\$[-0.49728]&\$[1.32168]&\$[0.681258]&\$[1.78108]&
SAMPLE 9
NORMAL
\$[4.50374]&\$[2.86102]&\$[4.49712]&\$[3.60731]&\$[2.23887]&
TREATED
\$[6.14473]&\$[-3.79883]&\$[-0.155121]&\$[7.23846]&\$[-0.495372]&
SAMPLE 10
NORMAL
\$[0.56402]&\$[3.07632]&\$[-0.0248364]&\$[7.55014]&\$[15.675]&
TREATED
\$[1.18604]&\$[-0.0524423]&\$[-10.852]&\$[-3.46559]&\$[22.103]&

CE18B043
alpha = 0.0280692
FWER = 0.337811

SAMPLE FOR TTEST : SAMPLE no. 7

SAMPLE 1

NORMAL

\$[9.82041]&\$[14.4051]&\$[20.9152]&\$[5.70474]&\$[-9.79572]&
TREATED

\$[11.7423]&\$[2.12114]&\$[10.8725]&\$[1.06014]&\$[-0.235862]&
SAMPLE 2

NORMAL

\$[-2.76398]&\$[0.282793]&\$[27.8345]&\$[9.02902]&\$[-1.34233]&
TREATED

\$[-1.51088]&\$[-4.78396]&\$[-3.79589]&\$[1.76611]&\$[-0.130694]&
SAMPLE 3

NORMAL

\$[5.36945]&\$[-0.611646]&\$[8.61415]&\$[10.4785]&\$[-5.50853]&
TREATED

\$[3.61036]&\$[1.01685]&\$[7.41519]&\$[1.25156]&\$[-2.64858]&
SAMPLE 4

NORMAL

\$[-9.66396]&\$[4.56768]&\$[6.19921]&\$[5.52092]&\$[9.15814]&
TREATED

\$[-2.12408]&\$[-8.29724]&\$[-3.51605]&\$[5.73838]&\$[-5.61578]&
SAMPLE 5

NORMAL

\$[0.499302]&\$[1.03559]&\$[-2.98551]&\$[3.80544]&\$[6.20243]&
TREATED

\$[18.6278]&\$[4.7705]&\$[0.483898]&\$[18.4096]&\$[-5.26149]&
SAMPLE 6

NORMAL

\$[10.0405]&\$[9.23153]&\$[1.44079]&\$[7.02459]&\$[12.3512]&
TREATED

\$[-1.16935]&\$[-5.712]&\$[1.13877]&\$[2.35571]&\$[4.02333]&
SAMPLE 7

NORMAL

\$[1.53002]&\$[-3.52382]&\$[3.89616]&\$[1.14973]&\$[1.94586]&
TREATED

\$[13.2284]&\$[7.32287]&\$[10.067]&\$[16.691]&\$[-4.15478]&

SAMPLE 8

NORMAL

\$[4.75535]&,\$[4.70096]&,\$[3.9967]&,\$[11.8748]&,\$[1.64742]&

TREATED

\$[5.83825]&,\$[5.29838]&,\$[-1.5314]&,\$[-2.51549]&,\$[15.8719]&

SAMPLE 9

NORMAL

\$[2.89465]&,\$[1.65177]&,\$[4.12253]&,\$[0.183039]&,\$[4.9527]&

TREATED

\$[3.12596]&,\$[2.66021]&,\$[-5.4366]&,\$[10.6941]&,\$[12.1788]&

SAMPLE 10

NORMAL

\$[-1.4731]&,\$[-5.51438]&,\$[16.6057]&,\$[-4.04516]&,\$[7.57653]&

TREATED

\$[7.34178]&,\$[-5.15936]&,\$[13.2206]&,\$[6.88002]&,\$[-4.98348]&

CE18B044

alpha = 0.0372029

FWER = 0.280732

SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1

NORMAL

\$[3.56391]&,\$[-2.03561]&,\$[6.69001]&,\$[2.55672]&,\$[4.39157]&

TREATED

\$[2.08754]&,\$[1.18208]&,\$[5.09903]&,\$[-10.1228]&,\$[5.61655]&

SAMPLE 2

NORMAL

\$[7.81948]&,\$[-7.76327]&,\$[2.51924]&,\$[-9.14418]&,\$[8.9733]&

TREATED

\$[-10.5225]&,\$[-4.75952]&,\$[12.8435]&,\$[-8.91992]&,\$[-0.641943]&

SAMPLE 3

NORMAL

\$[-4.32297]&,\$[2.29415]&,\$[7.12025]&,\$[11.1743]&,\$[-12.9425]&

TREATED

\$[8.57585]&,\$[-6.5084]&,\$[8.63291]&,\$[9.34464]&,\$[5.05446]&

SAMPLE 4

NORMAL

\$[-1.76847]&,\$[8.33225]&,\$[-15.7798]&,\$[-5.95745]&,\$[9.42054]&

TREATED

\$[0.363763]&,\$[5.71913]&,\$[5.23755]&,\$[1.10174]&,\$[1.2129]&

SAMPLE 5

NORMAL

\$[6.25735]&,\$[11.6428]&,\$[-5.79626]&,\$[8.06565]&,\$[-12.3373]&

TREATED

\$[-2.07485]&,\$[1.92493]&,\$[11.1978]&,\$[7.58036]&,\$[3.60492]&

SAMPLE 6

NORMAL

\$[-2.49296]&,\$[0.00367046]&,\$[1.56745]&,\$[3.85322]&,\$[0.984696]&

TREATED

\$[0.211174]&,\$[-10.4092]&,\$[9.91617]&,\$[3.21817]&,\$[-6.91595]&

SAMPLE 7

NORMAL

\$[-7.05137]&,\$[0.939012]&,\$[18.5699]&,\$[-3.73913]&,\$[-8.52863]&

TREATED
\$[-4.20481]&\$[8.30855]&\$[5.92211]&\$[4.95719]&\$[-0.353505]&
SAMPLE 8
NORMAL
\$[-5.7097]&\$[11.6717]&\$[8.10022]&\$[-11.6423]&\$[14.6356]&
TREATED
\$[0.728649]&\$[1.32426]&\$[1.62529]&\$[1.23056]&\$[2.4687]&
SAMPLE 9
NORMAL
\$[-11.5339]&\$[10.7904]&\$[-3.33549]&\$[9.7813]&\$[0.07167]&
TREATED
\$[21.8419]&\$[-8.09353]&\$[4.27993]&\$[11.1377]&\$[-15.4509]&
SAMPLE 10
NORMAL
\$[-1.04806]&\$[-0.190221]&\$[6.57419]&\$[0.278611]&\$[-1.29659]&
TREATED
\$[-0.613397]&\$[8.53433]&\$[9.12165]&\$[10.2186]&\$[-0.632933]&

CE18B046
alpha = 0.0367152
FWER = 0.242376
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[1.30919]&\$[2.74307]&\$[6.13171]&\$[7.79197]&\$[7.08243]&
TREATED
\$[0.14617]&\$[5.42879]&\$[3.65805]&\$[-0.902184]&\$[1.37435]&
SAMPLE 2
NORMAL
\$[1.75157]&\$[2.10276]&\$[3.73056]&\$[5.62557]&\$[-3.7877]&
TREATED
\$[-16.9612]&\$[5.79325]&\$[-4.78575]&\$[-4.67741]&\$[-12.8975]&
SAMPLE 3
NORMAL
\$[11.1089]&\$[2.75923]&\$[-5.43773]&\$[-5.00999]&\$[8.22003]&
TREATED
\$[-5.35905]&\$[-0.594815]&\$[-1.62565]&\$[2.26049]&\$[2.976]&
SAMPLE 4
NORMAL
\$[2.62856]&\$[6.38661]&\$[6.14905]&\$[4.81474]&\$[2.92216]&
TREATED
\$[9.51305]&\$[-4.46691]&\$[-2.08167]&\$[0.309987]&\$[-7.57779]&
SAMPLE 5
NORMAL
\$[9.3169]&\$[1.51781]&\$[16.759]&\$[-0.596389]&\$[6.89322]&
TREATED
\$[0.195268]&\$[20.1161]&\$[6.42512]&\$[3.467]&\$[-19.2676]&
SAMPLE 6
NORMAL
\$[5.20171]&\$[5.92963]&\$[1.27567]&\$[4.46501]&\$[2.96379]&
TREATED
\$[10.0246]&\$[-4.84145]&\$[-1.6424]&\$[17.0189]&\$[6.17734]&
SAMPLE 7

NORMAL
\$[-3.68495]&\$[-3.93429]&\$[0.215711]&\$[2.97165]&\$[-3.23889]&
TREATED
\$[-3.55262]&\$[4.97417]&\$[6.9354]&\$[15.4712]&\$[-5.01439]&
SAMPLE 8
NORMAL
\$[11.5689]&\$[11.7477]&\$[14.0393]&\$[-0.0839372]&\$[9.21893]&
TREATED
\$[-0.557613]&\$[7.26324]&\$[15.8304]&\$[-2.24332]&\$[-6.51004]&
SAMPLE 9
NORMAL
\$[3.42049]&\$[2.16785]&\$[-0.0374546]&\$[-3.94172]&\$[6.06936]&
TREATED
\$[-8.41262]&\$[14.0724]&\$[4.12318]&\$[14.0017]&\$[12.6287]&
SAMPLE 10
NORMAL
\$[1.4319]&\$[4.68906]&\$[7.13133]&\$[-0.848005]&\$[-4.21557]&
TREATED
\$[5.20725]&\$[6.37497]&\$[6.2623]&\$[-1.0674]&\$[9.49128]&

CE18B047
alpha = 0.0161666
FWER = 0.364273
SAMPLE FOR TTEST : SAMPLE no. 6
SAMPLE 1
NORMAL
\$[-2.55058]&\$[-2.29849]&\$[-0.341002]&\$[3.9404]&\$[-14.4523]&
TREATED
\$[6.73678]&\$[3.85994]&\$[6.2521]&\$[1.53223]&\$[1.0606]&
SAMPLE 2
NORMAL
\$[4.70383]&\$[5.01456]&\$[4.59535]&\$[4.21039]&\$[7.47776]&
TREATED
\$[1.49353]&\$[5.42972]&\$[-5.70555]&\$[22.2211]&\$[3.01229]&
SAMPLE 3
NORMAL
\$[3.48703]&\$[4.05827]&\$[3.9447]&\$[-2.14399]&\$[1.62134]&
TREATED
\$[-22.2614]&\$[-10.5026]&\$[2.21898]&\$[13.9924]&\$[16.179]&
SAMPLE 4
NORMAL
\$[-14.7828]&\$[5.1158]&\$[-1.50044]&\$[1.90668]&\$[3.55923]&
TREATED
\$[4.53765]&\$[0.468171]&\$[5.2143]&\$[0.642622]&\$[-10.7787]&
SAMPLE 5
NORMAL
\$[3.26893]&\$[12.7588]&\$[10.117]&\$[-8.68945]&\$[3.27389]&
TREATED
\$[4.05836]&\$[-2.7218]&\$[27.7027]&\$[8.80137]&\$[30.2076]&
SAMPLE 6
NORMAL
\$[-5.6599]&\$[-4.00901]&\$[-3.5949]&\$[-8.24644]&\$[-0.827038]&
TREATED

\$[14.3376]&\$[1.88338]&\$[-0.866608]&\$[15.7528]&\$[9.40878]&
SAMPLE 7
NORMAL
\$[-6.38762]&\$[5.34372]&\$[3.22847]&\$[-1.64929]&\$[4.40482]&
TREATED
\$[-1.76042]&\$[7.95661]&\$[1.64697]&\$[10.6977]&\$[4.20264]&
SAMPLE 8
NORMAL
\$[1.47763]&\$[-6.19484]&\$[3.64895]&\$[-2.58989]&\$[11.1382]&
TREATED
\$[2.03442]&\$[10.8628]&\$[1.57602]&\$[0.637323]&\$[15.2481]&
SAMPLE 9
NORMAL
\$[3.12998]&\$[-10.3174]&\$[14.0963]&\$[20.5016]&\$[12.753]&
TREATED
\$[-6.16654]&\$[-7.85682]&\$[-2.6477]&\$[-2.28023]&\$[-2.85993]&
SAMPLE 10
NORMAL
\$[-1.01388]&\$[0.281966]&\$[12.0417]&\$[-5.61201]&\$[-2.48822]&
TREATED
\$[-5.0041]&\$[-4.62049]&\$[-4.45875]&\$[-1.88692]&\$[-3.50264]&

CE18B053
alpha = 0.00458958
FWER = 0.386841
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[-3.9131]&\$[4.13503]&\$[-2.1949]&\$[4.22125]&\$[0.86796]&
TREATED
\$[-7.27006]&\$[-3.73489]&\$[-3.42868]&\$[2.14473]&\$[-2.04681]&
SAMPLE 2
NORMAL
\$[-6.28332]&\$[4.35164]&\$[1.76194]&\$[-4.96877]&\$[-9.9024]&
TREATED
\$[3.706]&\$[0.0105446]&\$[-1.39262]&\$[2.94587]&\$[2.94884]&
SAMPLE 3
NORMAL
\$[5.30445]&\$[0.797248]&\$[-1.93005]&\$[2.87332]&\$[-2.73498]&
TREATED
\$[-5.03387]&\$[1.69886]&\$[10.7503]&\$[-5.46085]&\$[2.18177]&
SAMPLE 4
NORMAL
\$[-0.0133284]&\$[-1.24282]&\$[3.44313]&\$[-2.58725]&\$[-1.13095]&
TREATED
\$[0.484069]&\$[-2.33445]&\$[-4.14393]&\$[3.03138]&\$[-8.25727]&
SAMPLE 5
NORMAL
\$[8.27075]&\$[20.0771]&\$[4.26526]&\$[5.27899]&\$[9.02582]&
TREATED
\$[5.712]&\$[7.18078]&\$[3.33543]&\$[5.14116]&\$[1.82281]&
SAMPLE 6
NORMAL

\$[-2.68995]&,\$[4.58701]&,\$[0.0665398]&,\$[0.235862]&,\$[12.9278]&
TREATED
\$[-1.87124]&,\$[-12.5385]&,\$[-11.8586]&,\$[1.69632]&,\$[11.5556]&
SAMPLE 7
NORMAL
\$[8.58501]&,\$[5.02466]&,\$[6.36378]&,\$[4.35662]&,\$[-6.75347]&
TREATED
\$[6.43794]&,\$[5.1615]&,\$[0.73594]&,\$[4.20648]&,\$[5.16862]&
SAMPLE 8
NORMAL
\$[8.60481]&,\$[18.0936]&,\$[12.2931]&,\$[2.99215]&,\$[-6.38255]&
TREATED
\$[2.6863]&,\$[0.0655797]&,\$[-1.33686]&,\$[9.10691]&,\$[-2.32586]&
SAMPLE 9
NORMAL
\$[12.6284]&,\$[3.29001]&,\$[9.62597]&,\$[15.7567]&,\$[-1.42715]&
TREATED
\$[9.95989]&,\$[-2.73527]&,\$[1.48888]&,\$[13.6065]&,\$[9.60237]&
SAMPLE 10
NORMAL
\$[5.39903]&,\$[1.80519]&,\$[7.57659]&,\$[3.83626]&,\$[1.79408]&
TREATED
\$[2.79117]&,\$[-11.1494]&,\$[-9.64434]&,\$[-8.04644]&,\$[14.0851]&

CE18B057
alpha = 0.0250307
FWER = 0.279931
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[3.91713]&,\$[5.85186]&,\$[10.135]&,\$[0.0631689]&,\$[-3.53795]&
TREATED
\$[12.9827]&,\$[4.46792]&,\$[11.2592]&,\$[8.50204]&,\$[0.152196]&
SAMPLE 2
NORMAL
\$[9.56178]&,\$[12.0442]&,\$[6.69451]&,\$[8.81866]&,\$[18.8015]&
TREATED
\$[-7.53359]&,\$[-13.5797]&,\$[-3.75735]&,\$[15.9466]&,\$[0.5435]&
SAMPLE 3
NORMAL
\$[23.5911]&,\$[9.74782]&,\$[1.8283]&,\$[3.30133]&,\$[2.47078]&
TREATED
\$[0.0170834]&,\$[9.04541]&,\$[-1.51972]&,\$[-3.99829]&,\$[5.28461]&
SAMPLE 4
NORMAL
\$[4.9726]&,\$[12.3464]&,\$[6.5789]&,\$[15.7946]&,\$[9.86337]&
TREATED
\$[2.95755]&,\$[1.99289]&,\$[2.15576]&,\$[6.84211]&,\$[-0.625863]&
SAMPLE 5
NORMAL
\$[4.78851]&,\$[3.09125]&,\$[10.3838]&,\$[17.3591]&,\$[9.5054]&
TREATED
\$[9.06642]&,\$[-0.424241]&,\$[1.60634]&,\$[2.56931]&,\$[6.06248]&

SAMPLE 6
NORMAL
\$[-0.627139]&\$[5.54778]&\$[12.3781]&\$[-9.92936]&\$[8.19261]&
TREATED
\$[-1.98614]&\$[-2.74873]&\$[-0.504927]&\$[2.14666]&\$[14.0954]&
SAMPLE 7
NORMAL
\$[-1.7472]&\$[11.5478]&\$[2.56693]&\$[-1.43158]&\$[17.566]&
TREATED
\$[-1.91227]&\$[0.21003]&\$[8.37924]&\$[2.74233]&\$[3.4645]&
SAMPLE 8
NORMAL
\$[5.17]&\$[2.20632]&\$[-3.73226]&\$[2.00112]&\$[-7.92856]&
TREATED
\$[2.40031]&\$[2.7217]&\$[8.5753]&\$[-4.06806]&\$[10.4505]&
SAMPLE 9
NORMAL
\$[2.05105]&\$[2.41191]&\$[3.11419]&\$[5.07114]&\$[3.75838]&
TREATED
\$[3.45162]&\$[-3.39715]&\$[7.24933]&\$[4.29095]&\$[10.2171]&
SAMPLE 10
NORMAL
\$[0.027505]&\$[9.71461]&\$[-13.9434]&\$[20.5593]&\$[-0.586645]&
TREATED
\$[16.6424]&\$[-22.1334]&\$[2.638]&\$[-2.09777]&\$[4.67755]&

CE18B058
alpha = 0.0108085
FWER = 0.365548
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[-4.86004]&\$[-1.77404]&\$[-2.00889]&\$[7.75936]&\$[5.22527]&
TREATED
\$[1.09603]&\$[-5.77913]&\$[3.95823]&\$[-3.1831]&\$[1.8507]&
SAMPLE 2
NORMAL
\$[7.0399]&\$[-1.29863]&\$[-21.6161]&\$[6.15785]&\$[-12.0395]&
TREATED
\$[0.745306]&\$[9.97574]&\$[4.61268]&\$[13.3915]&\$[-12.3623]&
SAMPLE 3
NORMAL
\$[2.16823]&\$[0.351012]&\$[11.1215]&\$[-4.78235]&\$[10.2426]&
TREATED
\$[8.59634]&\$[-6.31577]&\$[-3.85284]&\$[2.08931]&\$[10.3487]&
SAMPLE 4
NORMAL
\$[2.47653]&\$[9.5174]&\$[7.87959]&\$[8.25611]&\$[19.2368]&
TREATED
\$[-17.0613]&\$[2.7959]&\$[-3.00166]&\$[8.12389]&\$[-2.23079]&
SAMPLE 5
NORMAL
\$[-8.62452]&\$[5.29221]&\$[16.824]&\$[4.05251]&\$[1.58495]&

TREATED
\$[0.566109]&\$[0.199389]&\$[6.45494]&\$[1.46684]&\$[2.44514]&
SAMPLE 6
NORMAL
\$[4.57691]&\$[6.9619]&\$[2.8093]&\$[2.59363]&\$[0.887991]&
TREATED
\$[0.228578]&\$[1.4362]&\$[0.226899]&\$[2.51851]&\$[1.36339]&
SAMPLE 7
NORMAL
\$[-3.63956]&\$[-3.4459]&\$[11.5974]&\$[17.1204]&\$[11.2962]&
TREATED
\$[-12.5795]&\$[-19.1582]&\$[6.66023]&\$[-4.07696]&\$[15.1289]&
SAMPLE 8
NORMAL
\$[5.40277]&\$[4.11846]&\$[2.00958]&\$[0.37918]&\$[-0.370099]&
TREATED
\$[5.35076]&\$[-3.11879]&\$[-4.49551]&\$[18.5782]&\$[-1.2699]&
SAMPLE 9
NORMAL
\$[0.0134035]&\$[-3.69919]&\$[18.915]&\$[5.46711]&\$[6.63983]&
TREATED
\$[11.4902]&\$[0.0924695]&\$[-5.22006]&\$[-10.0767]&\$[10.4103]&
SAMPLE 10
NORMAL
\$[2.69657]&\$[1.57735]&\$[12.3119]&\$[2.63908]&\$[1.30566]&
TREATED
\$[2.31481]&\$[-5.11853]&\$[5.77975]&\$[4.03318]&\$[-4.12858]&

CE18B059
alpha = 0.014632
FWER = 0.223723
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[-1.61316]&\$[3.7783]&\$[6.8089]&\$[5.01793]&\$[1.73687]&
TREATED
\$[-1.36964]&\$[0.904027]&\$[0.936728]&\$[1.83868]&\$[-3.14236]&
SAMPLE 2
NORMAL
\$[-0.823699]&\$[6.35343]&\$[-2.72481]&\$[20.0568]&\$[5.30395]&
TREATED
\$[-3.19475]&\$[7.95749]&\$[1.24579]&\$[-0.694916]&\$[3.29452]&
SAMPLE 3
NORMAL
\$[3.61084]&\$[8.95169]&\$[-3.30264]&\$[13.1575]&\$[12.7971]&
TREATED
\$[2.79036]&\$[-5.70142]&\$[-0.339771]&\$[3.72364]&\$[0.896915]&
SAMPLE 4
NORMAL
\$[15.0843]&\$[4.04289]&\$[-0.0403377]&\$[7.92623]&\$[12.4431]&
TREATED
\$[-1.09452]&\$[-8.22813]&\$[-1.59091]&\$[-15.4163]&\$[3.77704]&
SAMPLE 5

NORMAL
\$[-7.77793]&\$[1.557]&\$[7.43593]&\$[3.55275]&\$[7.88648]&
TREATED
\$[-4.21417]&\$[-8.39621]&\$[15.7858]&\$[1.82402]&\$[10.3197]&
SAMPLE 6
NORMAL
\$[6.23722]&\$[-3.84083]&\$[15.023]&\$[1.56726]&\$[-4.64194]&
TREATED
\$[-3.44954]&\$[-0.241908]&\$[5.67037]&\$[0.754689]&\$[-1.97306]&
SAMPLE 7
NORMAL
\$[11.1657]&\$[5.70736]&\$[3.42526]&\$[15.8708]&\$[7.48593]&
TREATED
\$[-3.76923]&\$[1.39195]&\$[-1.24891]&\$[1.07993]&\$[-4.66781]&
SAMPLE 8
NORMAL
\$[17.4003]&\$[-1.88906]&\$[7.67438]&\$[-6.44487]&\$[2.44132]&
TREATED
\$[7.01852]&\$[3.2748]&\$[5.50166]&\$[8.97276]&\$[-4.27174]&
SAMPLE 9
NORMAL
\$[-6.3545]&\$[-2.8516]&\$[1.19591]&\$[13.9261]&\$[9.34558]&
TREATED
\$[-5.47431]&\$[4.50819]&\$[3.00056]&\$[4.41339]&\$[6.72116]&
SAMPLE 10
NORMAL
\$[-27.0464]&\$[6.18817]&\$[3.42868]&\$[14.6957]&\$[7.59591]&
TREATED
\$[16.5703]&\$[-16.0358]&\$[4.30872]&\$[4.3416]&\$[1.55193]&

CE18B060
alpha = 0.0429041
FWER = 0.338832
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[1.26529]&\$[12.6558]&\$[7.60475]&\$[-0.984956]&\$[4.61346]&
TREATED
\$[1.88479]&\$[-11.8366]&\$[5.10697]&\$[-0.250677]&\$[-1.4039]&
SAMPLE 2
NORMAL
\$[6.39463]&\$[2.4324]&\$[4.59504]&\$[0.871633]&\$[-8.2575]&
TREATED
\$[14.573]&\$[8.75898]&\$[8.399]&\$[2.46761]&\$[-2.77231]&
SAMPLE 3
NORMAL
\$[3.37203]&\$[5.31706]&\$[6.33837]&\$[-7.70426]&\$[9.26472]&
TREATED
\$[6.31775]&\$[-0.0427285]&\$[2.26594]&\$[11.728]&\$[-2.88369]&
SAMPLE 4
NORMAL
\$[-1.01835]&\$[-22.4001]&\$[12.0287]&\$[5.56557]&\$[12.2395]&
TREATED

\$[0.360406]&,\$[2.06721]&,\$[2.40447]&,\$[-1.34889]&,\$[1.39511]&
SAMPLE 5
NORMAL
\$[5.65577]&,\$[1.15589]&,\$[21.0881]&,\$[0.172121]&,\$[-2.53983]&
TREATED
\$[4.51857]&,\$[15.6036]&,\$[-1.51495]&,\$[-5.75112]&,\$[10.1909]&
SAMPLE 6
NORMAL
\$[-2.28682]&,\$[14.1116]&,\$[4.72082]&,\$[-5.47101]&,\$[-10.5159]&
TREATED
\$[2.24047]&,\$[3.46606]&,\$[2.82738]&,\$[6.11556]&,\$[3.91987]&
SAMPLE 7
NORMAL
\$[-2.54295]&,\$[-3.80748]&,\$[2.91163]&,\$[0.886412]&,\$[-0.654935]&
TREATED
\$[5.70485]&,\$[0.426386]&,\$[-11.3821]&,\$[8.47224]&,\$[-1.2576]&
SAMPLE 8
NORMAL
\$[4.53267]&,\$[3.74756]&,\$[1.31721]&,\$[-1.23174]&,\$[2.80529]&
TREATED
\$[-3.984]&,\$[2.47553]&,\$[5.24241]&,\$[-0.4698]&,\$[4.33381]&
SAMPLE 9
NORMAL
\$[-7.97747]&,\$[-7.03811]&,\$[5.31214]&,\$[3.0021]&,\$[0.458456]&
TREATED
\$[10.9906]&,\$[-1.15596]&,\$[10.4312]&,\$[16.4042]&,\$[7.70812]&
SAMPLE 10
NORMAL
\$[16.6072]&,\$[-0.410714]&,\$[-5.81452]&,\$[-2.16597]&,\$[-10.5485]&
TREATED
\$[2.45927]&,\$[1.79421]&,\$[-0.453677]&,\$[-2.21091]&,\$[-1.59872]&

CE18B063
alpha = 0.029041
FWER = 0.211182
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[-0.404499]&,\$[-10.6889]&,\$[0.0892736]&,\$[1.55803]&,\$[6.39497]&
TREATED
\$[1.84062]&,\$[4.77357]&,\$[16.1658]&,\$[0.054828]&,\$[5.56598]&
SAMPLE 2
NORMAL
\$[-1.20252]&,\$[0.175439]&,\$[2.07019]&,\$[1.79484]&,\$[3.04261]&
TREATED
\$[-0.66363]&,\$[4.89971]&,\$[2.80709]&,\$[-3.53559]&,\$[-1.18652]&
SAMPLE 3
NORMAL
\$[-2.34288]&,\$[-1.09803]&,\$[7.93894]&,\$[12.9065]&,\$[15.7821]&
TREATED
\$[0.803915]&,\$[-12.3957]&,\$[8.80705]&,\$[9.41223]&,\$[4.64109]&
SAMPLE 4
NORMAL

\$[-8.51659]&,\$[2.76414]&,\$[7.43139]&,\$[6.66869]&,\$[4.30381]&
TREATED
\$[-7.62527]&,\$[9.97926]&,\$[-10.649]&,\$[15.717]&,\$[6.17526]&
SAMPLE 5
NORMAL
\$[9.53902]&,\$[11.7219]&,\$[3.96837]&,\$[5.8788]&,\$[1.43384]&
TREATED
\$[3.72254]&,\$[12.8692]&,\$[-0.98323]&,\$[-0.241953]&,\$[5.43029]&
SAMPLE 6
NORMAL
\$[-9.2968]&,\$[-4.58887]&,\$[-17.3342]&,\$[6.97355]&,\$[17.1154]&
TREATED
\$[11.4479]&,\$[-3.44541]&,\$[3.94972]&,\$[-5.67797]&,\$[-6.85616]&
SAMPLE 7
NORMAL
\$[3.33774]&,\$[0.894954]&,\$[7.78603]&,\$[-2.06039]&,\$[4.8843]&
TREATED
\$[3.61403]&,\$[10.3172]&,\$[2.76861]&,\$[8.40967]&,\$[-2.32108]&
SAMPLE 8
NORMAL
\$[6.92898]&,\$[0.849302]&,\$[0.444721]&,\$[13.8833]&,\$[3.19926]&
TREATED
\$[1.55661]&,\$[2.93289]&,\$[9.74176]&,\$[2.09866]&,\$[8.87923]&
SAMPLE 9
NORMAL
\$[2.36348]&,\$[0.947242]&,\$[-9.77577]&,\$[4.7131]&,\$[-3.62026]&
TREATED
\$[7.68741]&,\$[20.9778]&,\$[-3.17665]&,\$[8.49073]&,\$[-7.8029]&
SAMPLE 10
NORMAL
\$[3.35912]&,\$[4.60332]&,\$[11.8886]&,\$[-6.73005]&,\$[-1.21674]&
TREATED
\$[-1.74786]&,\$[5.05561]&,\$[-1.28555]&,\$[-4.19917]&,\$[0.466245]&

CE18B103
alpha = 0.0466779
FWER = 0.236855
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[1.67611]&,\$[0.839384]&,\$[8.90244]&,\$[9.28567]&,\$[-10.4551]&
TREATED
\$[-5.21091]&,\$[3.63136]&,\$[-4.83581]&,\$[16.414]&,\$[9.67022]&
SAMPLE 2
NORMAL
\$[-8.956]&,\$[3.70814]&,\$[-0.0786376]&,\$[0.43824]&,\$[-3.76708]&
TREATED
\$[4.03431]&,\$[1.59042]&,\$[1.52083]&,\$[-1.10533]&,\$[8.66424]&
SAMPLE 3
NORMAL
\$[7.33655]&,\$[-0.760126]&,\$[6.82424]&,\$[2.89616]&,\$[1.62312]&
TREATED
\$[-3.74902]&,\$[-1.1572]&,\$[-1.51189]&,\$[5.73796]&,\$[4.56717]&

SAMPLE 4
NORMAL
\$[6.36961]&\$[-1.12515]&\$[3.74307]&\$[5.19685]&\$[5.7845]&
TREATED
\$[18.7211]&\$[-11.6012]&\$[2.57897]&\$[-9.37714]&\$[-5.1282]&
SAMPLE 5
NORMAL
\$[-0.493413]&\$[2.91044]&\$[3.51024]&\$[11.2054]&\$[3.99546]&
TREATED
\$[-12.3677]&\$[-2.98085]&\$[-1.13422]&\$[10.0075]&\$[12.8482]&
SAMPLE 6
NORMAL
\$[11.6101]&\$[-2.34328]&\$[-4.41713]&\$[1.39833]&\$[11.1995]&
TREATED
\$[5.1067]&\$[2.01774]&\$[-4.60126]&\$[-7.55141]&\$[1.22633]&
SAMPLE 7
NORMAL
\$[-1.18138]&\$[13.8723]&\$[1.44727]&\$[-8.42017]&\$[11.8995]&
TREATED
\$[2.28836]&\$[3.11498]&\$[0.464853]&\$[0.769535]&\$[-0.526997]&
SAMPLE 8
NORMAL
\$[6.53831]&\$[5.33343]&\$[1.32643]&\$[-0.87195]&\$[-3.74208]&
TREATED
\$[8.61468]&\$[-9.06974]&\$[-7.65321]&\$[-4.32836]&\$[3.88452]&
SAMPLE 9
NORMAL
\$[8.66995]&\$[2.20028]&\$[5.80272]&\$[-1.5656]&\$[0.467709]&
TREATED
\$[-7.26256]&\$[12.788]&\$[10.5354]&\$[0.658082]&\$[-5.67149]&
SAMPLE 10
NORMAL
\$[-5.3301]&\$[10.0409]&\$[10.1075]&\$[-10.8657]&\$[0.089031]&
TREATED
\$[12.5443]&\$[2.30924]&\$[6.4366]&\$[1.3687]&\$[4.57342]&

CE18B104
alpha = 0.0492338
FWER = 0.215566
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[5.81117]&\$[9.58749]&\$[7.94748]&\$[5.30727]&\$[0.634508]&
TREATED
\$[8.09276]&\$[10.1086]&\$[4.55985]&\$[22.6344]&\$[-0.985701]&
SAMPLE 2
NORMAL
\$[-5.20181]&\$[-7.6211]&\$[-1.66551]&\$[-0.927037]&\$[-6.37266]&
TREATED
\$[10.038]&\$[-2.65361]&\$[6.2278]&\$[-0.129202]&\$[4.66661]&
SAMPLE 3
NORMAL
\$[1.61002]&\$[15.7735]&\$[7.92354]&\$[-6.2172]&\$[10.014]&

TREATED
\$[6.35318]&\$[5.95781]&\$[1.52011]&\$[0.330897]&\$[0.907747]&
SAMPLE 4
NORMAL
\$[14.4981]&\$[-3.98939]&\$[-1.38317]&\$[-7.4568]&\$[-1.57053]&
TREATED
\$[9.96496]&\$[-8.93019]&\$[-0.18578]&\$[9.44669]&\$[12.217]&
SAMPLE 5
NORMAL
\$[5.1003]&\$[1.64689]&\$[5.86256]&\$[3.38712]&\$[-7.51043]&
TREATED
\$[7.86925]&\$[-2.47734]&\$[-8.64616]&\$[6.2211]&\$[-10.8062]&
SAMPLE 6
NORMAL
\$[5.06145]&\$[2.05097]&\$[5.86749]&\$[6.60904]&\$[4.57407]&
TREATED
\$[-2.12558]&\$[13.8289]&\$[5.06439]&\$[-2.377]&\$[-4.35866]&
SAMPLE 7
NORMAL
\$[9.39984]&\$[11.1548]&\$[13.5854]&\$[3.98818]&\$[-0.13166]&
TREATED
\$[6.50042]&\$[5.99126]&\$[4.73373]&\$[15.998]&\$[7.12247]&
SAMPLE 8
NORMAL
\$[4.8768]&\$[11.5523]&\$[3.79923]&\$[9.65775]&\$[-1.95588]&
TREATED
\$[-6.71039]&\$[-2.06045]&\$[0.813173]&\$[-2.23809]&\$[1.93329]&
SAMPLE 9
NORMAL
\$[8.76977]&\$[-0.163538]&\$[11.9721]&\$[1.66967]&\$[11.7097]&
TREATED
\$[3.70445]&\$[7.96314]&\$[3.92231]&\$[2.93188]&\$[5.25977]&
SAMPLE 10
NORMAL
\$[-1.07314]&\$[3.28361]&\$[0.746027]&\$[17.1886]&\$[-2.35568]&
TREATED
\$[10.336]&\$[7.40829]&\$[0.460193]&\$[20.0392]&\$[3.4024]&

CE18B106
alpha = 0.0466686
FWER = 0.282623
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[-5.40719]&\$[-4.74683]&\$[-7.78979]&\$[12.7477]&\$[0.293829]&
TREATED
\$[0.600062]&\$[-4.63002]&\$[0.495449]&\$[12.3219]&\$[10.8177]&
SAMPLE 2
NORMAL
\$[4.11335]&\$[6.84551]&\$[-20.6834]&\$[3.05213]&\$[-5.22107]&
TREATED
\$[3.25565]&\$[2.97822]&\$[3.58014]&\$[10.6697]&\$[-2.6681]&
SAMPLE 3

NORMAL
\$[6.42349]&\$[23.4019]&\$[4.02096]&\$[-10.0631]&\$[14.8877]&
TREATED
\$[4.57254]&\$[-7.06682]&\$[-8.49034]&\$[4.6243]&\$[12.5855]&
SAMPLE 4
NORMAL
\$[14.9049]&\$[-3.27114]&\$[-4.09467]&\$[18.7258]&\$[-4.0648]&
TREATED
\$[-1.71248]&\$[7.4304]&\$[2.56923]&\$[-8.71521]&\$[-3.15971]&
SAMPLE 5
NORMAL
\$[18.3674]&\$[9.7356]&\$[-1.11554]&\$[9.61636]&\$[9.43784]&
TREATED
\$[-0.162531]&\$[3.38501]&\$[18.481]&\$[-0.94878]&\$[5.05214]&
SAMPLE 6
NORMAL
\$[7.36603]&\$[3.78786]&\$[3.6878]&\$[1.51182]&\$[2.31181]&
TREATED
\$[5.5375]&\$[7.84481]&\$[2.73056]&\$[-1.3988]&\$[-0.218341]&
SAMPLE 7
NORMAL
\$[-7.19441]&\$[-3.00136]&\$[-2.54262]&\$[2.95223]&\$[6.04327]&
TREATED
\$[-1.18556]&\$[3.43875]&\$[2.46358]&\$[5.47233]&\$[19.3935]&
SAMPLE 8
NORMAL
\$[10.5127]&\$[0.794337]&\$[0.0417622]&\$[13.2168]&\$[11.4547]&
TREATED
\$[3.91234]&\$[1.78102]&\$[6.07956]&\$[-6.40719]&\$[0.88015]&
SAMPLE 9
NORMAL
\$[-3.93572]&\$[24.2579]&\$[1.04026]&\$[7.62065]&\$[1.14831]&
TREATED
\$[-6.85454]&\$[8.43269]&\$[0.104919]&\$[-2.03323]&\$[1.13158]&
SAMPLE 10
NORMAL
\$[1.82936]&\$[-0.826585]&\$[4.74538]&\$[0.845346]&\$[4.15864]&
TREATED
\$[-6.45964]&\$[12.3824]&\$[2.47257]&\$[-3.60858]&\$[10.3705]&

CE18B107
alpha = 0.0354449
FWER = 0.387735
SAMPLE FOR TTEST : SAMPLE no. 9
SAMPLE 1
NORMAL
\$[13.217]&\$[3.96843]&\$[7.11378]&\$[-5.1475]&\$[1.78724]&
TREATED
\$[-12.9111]&\$[1.63344]&\$[-1.1973]&\$[7.91225]&\$[4.18824]&
SAMPLE 2
NORMAL
\$[3.63843]&\$[11.1298]&\$[1.36013]&\$[5.00719]&\$[2.29519]&
TREATED

\$[-1.57413]&,\$[7.88791]&,\$[2.86638]&,\$[6.0102]&,\$[-6.10001]&
SAMPLE 3
NORMAL
\$[7.21056]&,\$[-8.7283]&,\$[-7.96519]&,\$[10.206]&,\$[18.9738]&
TREATED
\$[-3.91336]&,\$[6.82847]&,\$[-5.64274]&,\$[3.99804]&,\$[4.75041]&
SAMPLE 4
NORMAL
\$[-4.27661]&,\$[1.67577]&,\$[6.14815]&,\$[-0.547834]&,\$[2.9024]&
TREATED
\$[-4.00363]&,\$[10.6581]&,\$[6.83704]&,\$[-0.552364]&,\$[26.3373]&
SAMPLE 5
NORMAL
\$[-8.15693]&,\$[8.9715]&,\$[-5.15581]&,\$[1.07346]&,\$[29.4964]&
TREATED
\$[20.6096]&,\$[11.4981]&,\$[7.14604]&,\$[-7.85127]&,\$[10.6356]&
SAMPLE 6
NORMAL
\$[5.06598]&,\$[13.0126]&,\$[5.41637]&,\$[0.796324]&,\$[7.3389]&
TREATED
\$[8.08344]&,\$[3.83344]&,\$[-7.61394]&,\$[5.67026]&,\$[8.34632]&
SAMPLE 7
NORMAL
\$[-11.0235]&,\$[7.78036]&,\$[5.37475]&,\$[-3.13533]&,\$[-7.26023]&
TREATED
\$[-2.69339]&,\$[3.10961]&,\$[-3.9098]&,\$[15.6678]&,\$[13.3853]&
SAMPLE 8
NORMAL
\$[2.27371]&,\$[-0.348879]&,\$[-2.0223]&,\$[1.88443]&,\$[4.49889]&
TREATED
\$[3.53531]&,\$[2.79775]&,\$[5.6455]&,\$[-11.5311]&,\$[4.05585]&
SAMPLE 9
NORMAL
\$[-11.6388]&,\$[15.5065]&,\$[-8.95371]&,\$[12.2557]&,\$[-2.44869]&
TREATED
\$[-3.36611]&,\$[0.217076]&,\$[2.87215]&,\$[1.14238]&,\$[1.65065]&
SAMPLE 10
NORMAL
\$[15.1329]&,\$[-5.44515]&,\$[14.8914]&,\$[17.8819]&,\$[1.04428]&
TREATED
\$[1.47696]&,\$[3.50783]&,\$[4.59873]&,\$[-3.1888]&,\$[-1.47585]&

CE18B109
alpha = 0.00621004
FWER = 0.296419
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[2.73907]&,\$[5.98552]&,\$[3.66591]&,\$[5.54259]&,\$[-20.827]&
TREATED
\$[-21.9664]&,\$[-1.31775]&,\$[6.8843]&,\$[-3.88763]&,\$[21.0207]&
SAMPLE 2
NORMAL

\$[7.03836]&,\$[2.73682]&,\$[1.16779]&,\$[6.10401]&,\$[13.0407]&
TREATED
\$[2.76873]&,\$[24.3236]&,\$[14.2251]&,\$[-4.79479]&,\$[-1.45573]&
SAMPLE 3
NORMAL
\$[3.23296]&,\$[10.2918]&,\$[4.16251]&,\$[-1.24728]&,\$[6.92141]&
TREATED
\$[0.928324]&,\$[-2.20095]&,\$[2.33719]&,\$[-3.70277]&,\$[13.9727]&
SAMPLE 4
NORMAL
\$[-7.24357]&,\$[-3.09501]&,\$[31.2606]&,\$[13.8601]&,\$[11.2488]&
TREATED
\$[14.4566]&,\$[-13.0144]&,\$[2.08734]&,\$[0.747365]&,\$[10.4655]&
SAMPLE 5
NORMAL
\$[4.45343]&,\$[-1.59182]&,\$[6.47416]&,\$[-3.95737]&,\$[6.61272]&
TREATED
\$[-6.98743]&,\$[2.26276]&,\$[4.88933]&,\$[19.6292]&,\$[-5.4486]&
SAMPLE 6
NORMAL
\$[0.102589]&,\$[12.331]&,\$[8.94739]&,\$[29.7215]&,\$[7.00832]&
TREATED
\$[8.07842]&,\$[-7.06068]&,\$[27.9499]&,\$[-1.06693]&,\$[5.06116]&
SAMPLE 7
NORMAL
\$[-2.53205]&,\$[-14.0573]&,\$[1.67394]&,\$[4.20743]&,\$[0.52721]&
TREATED
\$[2.0563]&,\$[-0.132215]&,\$[1.10691]&,\$[3.32716]&,\$[3.29492]&
SAMPLE 8
NORMAL
\$[-2.48173]&,\$[0.0186586]&,\$[8.72556]&,\$[-0.506909]&,\$[-5.30509]&
TREATED
\$[2.76501]&,\$[9.06622]&,\$[0.238355]&,\$[9.92187]&,\$[-7.56718]&
SAMPLE 9
NORMAL
\$[2.79435]&,\$[-17.9088]&,\$[-2.69934]&,\$[18.9483]&,\$[0.144636]&
TREATED
\$[4.63018]&,\$[7.37687]&,\$[-9.91631]&,\$[0.778857]&,\$[12.2788]&
SAMPLE 10
NORMAL
\$[0.328025]&,\$[2.07351]&,\$[-1.07234]&,\$[-9.75972]&,\$[2.78317]&
TREATED
\$[-8.39756]&,\$[12.1058]&,\$[0.0497489]&,\$[-5.49193]&,\$[-0.615811]&

CE18B111
alpha = 0.00465999
FWER = 0.37139
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[-0.782612]&,\$[1.38167]&,\$[-1.04727]&,\$[-1.645]&,\$[1.32399]&
TREATED
\$[-3.79942]&,\$[-12.338]&,\$[9.45902]&,\$[-1.84873]&,\$[-5.89977]&

SAMPLE 2
NORMAL
\$[6.06643]&\$[7.68404]&\$[1.20347]&\$[18.4192]&\$[2.18398]&
TREATED
\$[-1.35922]&\$[8.44611]&\$[2.92094]&\$[-0.89274]&\$[1.90519]&
SAMPLE 3
NORMAL
\$[13.6085]&\$[-7.32807]&\$[0.864048]&\$[-1.37257]&\$[10.9028]&
TREATED
\$[15.202]&\$[4.51289]&\$[13.3833]&\$[-6.65353]&\$[3.97641]&
SAMPLE 4
NORMAL
\$[-14.0007]&\$[16.7903]&\$[-2.51622]&\$[19.3211]&\$[12.9133]&
TREATED
\$[14.1377]&\$[8.41836]&\$[8.72899]&\$[-1.57243]&\$[0.794927]&
SAMPLE 5
NORMAL
\$[-0.969333]&\$[3.54989]&\$[1.50874]&\$[-5.99322]&\$[-1.03071]&
TREATED
\$[2.27628]&\$[4.92581]&\$[1.02095]&\$[-1.20905]&\$[8.13375]&
SAMPLE 6
NORMAL
\$[-6.69356]&\$[-2.29079]&\$[1.46457]&\$[-0.401845]&\$[6.20231]&
TREATED
\$[2.90088]&\$[19.2059]&\$[8.65029]&\$[-0.849868]&\$[7.34111]&
SAMPLE 7
NORMAL
\$[-0.0544011]&\$[12.0518]&\$[7.45851]&\$[4.7941]&\$[-0.985846]&
TREATED
\$[16.866]&\$[-10.5802]&\$[-4.12408]&\$[7.4673]&\$[2.48434]&
SAMPLE 8
NORMAL
\$[15.4272]&\$[18.0491]&\$[-3.27434]&\$[2.01422]&\$[22.1633]&
TREATED
\$[1.81573]&\$[12.4467]&\$[0.378929]&\$[8.44051]&\$[-2.33625]&
SAMPLE 9
NORMAL
\$[13.7555]&\$[6.80318]&\$[7.88661]&\$[-7.93529]&\$[-4.29064]&
TREATED
\$[1.61909]&\$[2.75263]&\$[4.11251]&\$[0.794156]&\$[5.09482]&
SAMPLE 10
NORMAL
\$[13.0007]&\$[9.34943]&\$[-7.73439]&\$[5.18269]&\$[7.40709]&
TREATED
\$[2.85901]&\$[2.07448]&\$[-0.399463]&\$[-1.69643]&\$[1.90084]&

CE18B114
alpha = 0.0353559
FWER = 0.363534
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[0.44032]&\$[4.27996]&\$[11.0378]&\$[-16.108]&\$[19.3025]&

TREATED
\$[3.81484]&\$[3.54618]&\$[5.86432]&\$[8.22747]&\$[1.1277]&
SAMPLE 2
NORMAL
\$[-4.65062]&\$[7.86966]&\$[1.5026]&\$[6.58569]&\$[-10.2017]&
TREATED
\$[2.19768]&\$[5.76204]&\$[1.26338]&\$[2.19463]&\$[4.04363]&
SAMPLE 3
NORMAL
\$[-0.402276]&\$[7.92731]&\$[7.28053]&\$[3.49736]&\$[-10.8261]&
TREATED
\$[4.36166]&\$[7.32146]&\$[8.63602]&\$[-3.42984]&\$[-3.93317]&
SAMPLE 4
NORMAL
\$[2.02846]&\$[3.74765]&\$[2.6901]&\$[13.3233]&\$[5.77878]&
TREATED
\$[4.43991]&\$[8.04821]&\$[7.20976]&\$[-8.56663]&\$[-7.24307]&
SAMPLE 5
NORMAL
\$[3.47228]&\$[-11.5463]&\$[-6.98305]&\$[3.36049]&\$[5.76202]&
TREATED
\$[-0.531063]&\$[4.9423]&\$[5.56628]&\$[4.07816]&\$[4.58928]&
SAMPLE 6
NORMAL
\$[-1.21906]&\$[6.63686]&\$[6.25696]&\$[7.36505]&\$[4.64543]&
TREATED
\$[-4.72332]&\$[3.91529]&\$[-0.4775]&\$[5.93921]&\$[-8.71421]&
SAMPLE 7
NORMAL
\$[9.69217]&\$[-20.3162]&\$[7.89398]&\$[16.1177]&\$[12.1292]&
TREATED
\$[13.8266]&\$[7.95502]&\$[1.87278]&\$[-0.441294]&\$[-5.45838]&
SAMPLE 8
NORMAL
\$[-4.0425]&\$[-13.4615]&\$[-0.0739539]&\$[7.35683]&\$[11.4253]&
TREATED
\$[-5.1798]&\$[4.21142]&\$[13.1263]&\$[6.0093]&\$[0.429773]&
SAMPLE 9
NORMAL
\$[-5.46415]&\$[-6.71308]&\$[-1.25077]&\$[2.26552]&\$[5.09398]&
TREATED
\$[-0.16761]&\$[10.8341]&\$[-2.48552]&\$[-7.29852]&\$[-1.58186]&
SAMPLE 10
NORMAL
\$[1.75986]&\$[5.30628]&\$[1.0581]&\$[11.8481]&\$[11.7732]&
TREATED
\$[2.14705]&\$[3.3594]&\$[6.59352]&\$[-5.24759]&\$[5.37692]&

CE18B115
alpha = 0.0422755
FWER = 0.214683
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1

NORMAL
\$[-6.3146]&\$[-1.35778]&\$[15.7401]&\$[5.12629]&\$[-5.88185]&
TREATED
\$[-2.11529]&\$[4.43169]&\$[8.22433]&\$[4.30012]&\$[2.31635]&
SAMPLE 2
NORMAL
\$[-11.7106]&\$[-11.3976]&\$[6.43672]&\$[4.70211]&\$[8.71122]&
TREATED
\$[-0.0865025]&\$[2.54309]&\$[-1.69747]&\$[-2.16001]&\$[-6.13235]&
SAMPLE 3
NORMAL
\$[4.44016]&\$[-5.03774]&\$[-0.232316]&\$[0.203719]&\$[-2.75195]&
TREATED
\$[18.5798]&\$[-7.04693]&\$[31.3898]&\$[14.3623]&\$[2.42144]&
SAMPLE 4
NORMAL
\$[1.49799]&\$[2.10165]&\$[-8.03987]&\$[22.2637]&\$[7.39167]&
TREATED
\$[5.66831]&\$[5.75774]&\$[-0.983664]&\$[3.40161]&\$[11.9154]&
SAMPLE 5
NORMAL
\$[-3.87544]&\$[-3.00681]&\$[-10.1267]&\$[0.943821]&\$[5.1266]&
TREATED
\$[3.64494]&\$[-4.53431]&\$[13.7577]&\$[5.70359]&\$[0.157049]&
SAMPLE 6
NORMAL
\$[0.970926]&\$[1.43952]&\$[0.165061]&\$[-4.83459]&\$[-0.365299]&
TREATED
\$[-10.262]&\$[-1.48404]&\$[15.1983]&\$[8.29609]&\$[4.64495]&
SAMPLE 7
NORMAL
\$[4.73909]&\$[9.78718]&\$[-6.45145]&\$[-8.31646]&\$[-2.45672]&
TREATED
\$[2.91849]&\$[12.1667]&\$[-2.73784]&\$[6.76974]&\$[4.18107]&
SAMPLE 8
NORMAL
\$[-13.2483]&\$[10.9332]&\$[7.70034]&\$[7.59742]&\$[9.70782]&
TREATED
\$[-5.84651]&\$[8.9027]&\$[9.66453]&\$[0.847662]&\$[-2.03938]&
SAMPLE 9
NORMAL
\$[-4.83895]&\$[4.9082]&\$[5.07739]&\$[8.48606]&\$[7.40808]&
TREATED
\$[14.1744]&\$[0.6485]&\$[8.6222]&\$[-2.49142]&\$[1.20574]&
SAMPLE 10
NORMAL
\$[3.5864]&\$[8.66132]&\$[7.70049]&\$[-7.92018]&\$[1.17876]&
TREATED
\$[-11.2098]&\$[8.88878]&\$[4.44379]&\$[7.19826]&\$[0.243989]&

CE18B116
alpha = 0.0496413
FWER = 0.35447

SAMPLE FOR TTEST : SAMPLE no. 7

SAMPLE 1

NORMAL

\$[5.47466]&\$[-12.3697]&\$[10.7809]&\$[2.29239]&\$[6.63512]&
TREATED

\$[3.91616]&\$[-3.48721]&\$[6.43804]&\$[-1.51304]&\$[7.28839]&

SAMPLE 2

NORMAL

\$[-5.33933]&\$[-3.01493]&\$[-3.81721]&\$[6.41766]&\$[3.6234]&
TREATED

\$[17.6396]&\$[7.65757]&\$[-6.61881]&\$[-12.7238]&\$[-1.44067]&

SAMPLE 3

NORMAL

\$[2.35219]&\$[2.73768]&\$[6.91138]&\$[5.55877]&\$[10.0593]&
TREATED

\$[4.97064]&\$[1.64799]&\$[-13.6879]&\$[1.79925]&\$[6.04718]&

SAMPLE 4

NORMAL

\$[4.63995]&\$[3.07896]&\$[8.60311]&\$[11.776]&\$[5.26761]&
TREATED

\$[4.84494]&\$[3.35262]&\$[4.97796]&\$[6.59645]&\$[6.99505]&

SAMPLE 5

NORMAL

\$[-11.1578]&\$[-7.21878]&\$[1.22067]&\$[9.00139]&\$[2.29659]&
TREATED

\$[4.42666]&\$[8.76348]&\$[2.22413]&\$[-17.4115]&\$[-0.813408]&

SAMPLE 6

NORMAL

\$[12.2928]&\$[-7.74613]&\$[-5.49292]&\$[8.10155]&\$[1.27898]&
TREATED

\$[8.81771]&\$[9.99154]&\$[-5.76386]&\$[0.224548]&\$[1.42498]&

SAMPLE 7

NORMAL

\$[7.54659]&\$[-1.08575]&\$[-4.93338]&\$[7.89553]&\$[-2.00074]&
TREATED

\$[2.87712]&\$[2.64036]&\$[0.879335]&\$[8.12278]&\$[8.41983]&

SAMPLE 8

NORMAL

\$[15.2538]&\$[6.43051]&\$[-11.6064]&\$[-10.1076]&\$[5.91157]&
TREATED

\$[-0.371684]&\$[-0.234228]&\$[1.3956]&\$[16.5261]&\$[5.22771]&

SAMPLE 9

NORMAL

\$[-1.87046]&\$[5.09354]&\$[5.05367]&\$[3.20446]&\$[0.204975]&
TREATED

\$[5.95516]&\$[5.00871]&\$[0.0443672]&\$[1.48832]&\$[5.08478]&

SAMPLE 10

NORMAL

\$[3.91262]&\$[-4.54927]&\$[7.00253]&\$[8.30969]&\$[4.02995]&
TREATED

\$[11.8746]&\$[0.605174]&\$[2.89367]&\$[0.949874]&\$[6.1553]&

CE18B120

alpha = 0.00732799
FWER = 0.279102
SAMPLE FOR TTEST : SAMPLE no. 6
SAMPLE 1
NORMAL
\$[1.66596]&\$[-6.29376]&\$[4.77871]&\$[10.6895]&\$[-9.20668]&
TREATED
\$[3.37095]&\$[-2.18446]&\$[10.1615]&\$[8.32545]&\$[4.61769]&
SAMPLE 2
NORMAL
\$[-2.69562]&\$[-15.4183]&\$[-5.75681]&\$[-16.5264]&\$[15.6735]&
TREATED
\$[4.35066]&\$[10.7101]&\$[1.43285]&\$[1.88622]&\$[8.51676]&
SAMPLE 3
NORMAL
\$[0.0234687]&\$[1.68893]&\$[3.53799]&\$[0.389863]&\$[1.46053]&
TREATED
\$[-2.77099]&\$[2.62029]&\$[-4.68746]&\$[6.20353]&\$[12.4772]&
SAMPLE 4
NORMAL
\$[3.81831]&\$[-5.11581]&\$[-3.13877]&\$[-6.75291]&\$[10.6131]&
TREATED
\$[1.36697]&\$[2.67927]&\$[-1.96185]&\$[1.63223]&\$[1.71941]&
SAMPLE 5
NORMAL
\$[-5.98069]&\$[9.10843]&\$[9.33429]&\$[-6.35796]&\$[2.89931]&
TREATED
\$[0.875057]&\$[17.7463]&\$[8.03962]&\$[-2.19335]&\$[3.27985]&
SAMPLE 6
NORMAL
\$[10.455]&\$[9.99926]&\$[7.18883]&\$[5.2558]&\$[-0.0173149]&
TREATED
\$[5.66843]&\$[-1.65124]&\$[3.29641]&\$[6.21802]&\$[3.95182]&
SAMPLE 7
NORMAL
\$[1.65174]&\$[-18.553]&\$[5.29769]&\$[5.83206]&\$[-1.91731]&
TREATED
\$[-0.692762]&\$[-4.09171]&\$[-1.13765]&\$[4.74274]&\$[-6.31876]&
SAMPLE 8
NORMAL
\$[11.0899]&\$[2.15471]&\$[5.90028]&\$[-4.84057]&\$[20.6978]&
TREATED
\$[6.58974]&\$[-0.99107]&\$[12.0764]&\$[-2.86325]&\$[-11.7596]&
SAMPLE 9
NORMAL
\$[8.99967]&\$[10.2829]&\$[-7.76804]&\$[10.7437]&\$[12.6349]&
TREATED
\$[10.1579]&\$[0.660175]&\$[6.92669]&\$[14.5587]&\$[-4.03022]&
SAMPLE 10
NORMAL
\$[-3.46278]&\$[-6.09939]&\$[-1.154]&\$[-3.91989]&\$[-16.4368]&
TREATED
\$[14.4196]&\$[11.6707]&\$[6.56613]&\$[-1.07681]&\$[-0.0618785]&

CE18B121

alpha = 0.00349981

FWER = 0.369976

SAMPLE FOR TTEST : SAMPLE no. 4

SAMPLE 1

NORMAL

\$[8.82761]&\$[9.83989]&\$[-0.742161]&\$[8.98833]&\$[0.94475]&

TREATED

\$[8.07638]&\$[-0.565142]&\$[-3.53359]&\$[4.18565]&\$[-2.35802]&

SAMPLE 2

NORMAL

\$[5.33557]&\$[-2.08504]&\$[3.23604]&\$[4.12434]&\$[-9.81755]&

TREATED

\$[-1.40885]&\$[-1.55835]&\$[-12.1884]&\$[8.68947]&\$[11.4004]&

SAMPLE 3

NORMAL

\$[11.11]&\$[-4.95763]&\$[2.989]&\$[4.23498]&\$[1.27805]&

TREATED

\$[9.64652]&\$[-3.64655]&\$[7.65945]&\$[26.2939]&\$[5.56117]&

SAMPLE 4

NORMAL

\$[7.46851]&\$[-3.70709]&\$[5.78426]&\$[12.9333]&\$[26.0006]&

TREATED

\$[1.61151]&\$[1.67981]&\$[-7.33738]&\$[0.650807]&\$[7.30644]&

SAMPLE 5

NORMAL

\$[0.421517]&\$[-2.5669]&\$[-10.0091]&\$[-4.25527]&\$[8.92598]&

TREATED

\$[6.59253]&\$[-13.134]&\$[1.64855]&\$[18.4135]&\$[-5.22419]&

SAMPLE 6

NORMAL

\$[5.80559]&\$[13.9934]&\$[-14.7689]&\$[3.40745]&\$[-5.83885]&

TREATED

\$[11.2236]&\$[4.68591]&\$[14.0199]&\$[20.3847]&\$[-4.58922]&

SAMPLE 7

NORMAL

\$[8.98462]&\$[9.11294]&\$[4.06952]&\$[4.67273]&\$[-4.91276]&

TREATED

\$[4.7978]&\$[2.45198]&\$[3.52758]&\$[8.60204]&\$[6.67691]&

SAMPLE 8

NORMAL

\$[13.7738]&\$[5.28056]&\$[1.7988]&\$[-4.50135]&\$[2.82311]&

TREATED

\$[8.12195]&\$[15.8152]&\$[23.2249]&\$[23.3447]&\$[-7.09959]&

SAMPLE 9

NORMAL

\$[-2.19239]&\$[3.949]&\$[-9.01052]&\$[4.42724]&\$[2.40209]&

TREATED

\$[3.56493]&\$[9.66942]&\$[7.99421]&\$[3.99789]&\$[4.50352]&

SAMPLE 10

NORMAL

\$[6.95096]&\$[2.71088]&\$[4.71836]&\$[5.96386]&\$[9.0508]&

TREATED

\$[12.8097]&\$[-0.259682]&\$[0.506123]&\$[-0.589794]&\$[7.17791]&

CE18B122

alpha = 0.0348575

FWER = 0.226151

SAMPLE FOR TTEST : SAMPLE no. 1

SAMPLE 1

NORMAL

\$[15.3134]&\$[8.8742]&\$[3.96634]&\$[14.5039]&\$[-15.1587]&

TREATED

\$[-0.565432]&\$[-7.44183]&\$[7.09382]&\$[5.15861]&\$[-1.37259]&

SAMPLE 2

NORMAL

\$[6.60366]&\$[10.0532]&\$[0.0635717]&\$[5.81232]&\$[3.72846]&

TREATED

\$[2.4073]&\$[1.58525]&\$[0.904862]&\$[0.673217]&\$[3.32485]&

SAMPLE 3

NORMAL

\$[2.94784]&\$[12.0876]&\$[0.98011]&\$[-8.10289]&\$[11.0862]&

TREATED

\$[-4.82079]&\$[-1.14818]&\$[1.58301]&\$[13.6308]&\$[-0.915002]&

SAMPLE 4

NORMAL

\$[4.80408]&\$[-2.30255]&\$[10.3275]&\$[1.54203]&\$[8.33304]&

TREATED

\$[16.9747]&\$[14.0862]&\$[13.3372]&\$[-5.36059]&\$[2.73332]&

SAMPLE 5

NORMAL

\$[-8.50914]&\$[15.2764]&\$[13.4071]&\$[0.973252]&\$[-2.0215]&

TREATED

\$[-8.98786]&\$[-4.0754]&\$[0.858653]&\$[1.51982]&\$[8.39306]&

SAMPLE 6

NORMAL

\$[-2.99485]&\$[6.25967]&\$[8.00567]&\$[4.64771]&\$[8.05048]&

TREATED

\$[10.504]&\$[8.94633]&\$[3.51659]&\$[-0.705155]&\$[3.18975]&

SAMPLE 7

NORMAL

\$[9.27069]&\$[0.823289]&\$[-2.19708]&\$[0.121084]&\$[-2.38613]&

TREATED

\$[10.7992]&\$[5.37235]&\$[-9.35457]&\$[5.75488]&\$[3.00339]&

SAMPLE 8

NORMAL

\$[-6.89028]&\$[6.84831]&\$[6.81281]&\$[0.362434]&\$[-11.1404]&

TREATED

\$[-4.72535]&\$[12.161]&\$[12.3705]&\$[-17.1739]&\$[-1.4541]&

SAMPLE 9

NORMAL

\$[-2.01152]&\$[14.7342]&\$[-2.59176]&\$[1.83984]&\$[2.76577]&

TREATED

\$[-0.355253]&\$[3.9164]&\$[2.92266]&\$[1.64368]&\$[-2.03582]&

SAMPLE 10

NORMAL

\$[-15.3714]&\$[-0.976363]&\$[-4.70665]&\$[8.00213]&\$[4.84557]&
TREATED
\$[3.45699]&\$[2.3233]&\$[0.241534]&\$[6.71617]&\$[-1.62956]&

CE18B125

alpha = 0.0355474

FWER = 0.325282

SAMPLE FOR TTEST : SAMPLE no. 2

SAMPLE 1

NORMAL

\$[-3.74334]&\$[0.986435]&\$[6.95126]&\$[-0.0650375]&\$[-6.8884]&
TREATED

\$[16.7466]&\$[10.4802]&\$[-3.82152]&\$[-1.46209]&\$[3.12785]&

SAMPLE 2

NORMAL

\$[2.68791]&\$[5.38921]&\$[2.02952]&\$[0.617218]&\$[-2.55758]&
TREATED

\$[19.667]&\$[-5.85565]&\$[2.57604]&\$[12.0965]&\$[7.52271]&

SAMPLE 3

NORMAL

\$[2.80965]&\$[0.235171]&\$[0.238704]&\$[2.64046]&\$[1.20927]&
TREATED

\$[0.549388]&\$[2.27799]&\$[1.43905]&\$[1.10242]&\$[3.6508]&

SAMPLE 4

NORMAL

\$[-6.70164]&\$[-9.31692]&\$[1.00808]&\$[15.0262]&\$[8.79843]&
TREATED

\$[4.80577]&\$[18.0288]&\$[-0.0132017]&\$[3.88772]&\$[-2.2575]&

SAMPLE 5

NORMAL

\$[8.89987]&\$[1.14754]&\$[0.695043]&\$[-4.97238]&\$[4.48239]&
TREATED

\$[2.92757]&\$[4.28058]&\$[-4.70702]&\$[8.38836]&\$[-9.82722]&

SAMPLE 6

NORMAL

\$[15.7859]&\$[-6.59487]&\$[-3.08833]&\$[7.19839]&\$[-9.62785]&
TREATED

\$[17.968]&\$[-12.8768]&\$[2.2846]&\$[-8.21316]&\$[9.46788]&

SAMPLE 7

NORMAL

\$[-6.81645]&\$[0.745392]&\$[4.08544]&\$[2.39714]&\$[4.44418]&
TREATED

\$[-2.56494]&\$[-0.553459]&\$[-3.63862]&\$[-4.18083]&\$[5.56673]&
SAMPLE 8

NORMAL

\$[4.9464]&\$[0.133819]&\$[-5.49361]&\$[6.20676]&\$[-3.57734]&
TREATED

\$[0.0345468]&\$[3.6246]&\$[-5.23575e-05]&\$[9.2721]&\$[0.302998]&

SAMPLE 9

NORMAL

\$[11.0848]&\$[-6.90393]&\$[6.48083]&\$[-3.27261]&\$[3.05197]&

TREATED

\$[-2.23054]&\$[-1.09091]&\$[-9.92516]&\$[3.41195]&\$[-3.88952]&

SAMPLE 10

NORMAL

\$[-0.333197]&\$[-12.2256]&\$[6.04694]&\$[1.11469]&\$[-12.2564]&
TREATED
\$[10.1028]&\$[-0.922259]&\$[3.79543]&\$[9.13781]&\$[11.921]&

CE18B129

alpha = 0.0494101

FWER = 0.365855

SAMPLE FOR TTEST : SAMPLE no. 7

SAMPLE 1

NORMAL

\$[-4.30043]&\$[-1.29811]&\$[-0.383304]&\$[-3.11107]&\$[4.71822]&
TREATED

\$[6.04775]&\$[6.97281]&\$[10.941]&\$[-5.7259]&\$[-0.970708]&

SAMPLE 2

NORMAL

\$[0.972133]&\$[2.54338]&\$[0.0275402]&\$[-1.07101]&\$[-2.48785]&
TREATED

\$[12.6527]&\$[10.6419]&\$[6.32297]&\$[-7.86332]&\$[10.8201]&

SAMPLE 3

NORMAL

\$[-3.51845]&\$[7.88238]&\$[-0.55091]&\$[-2.5169]&\$[-2.60552]&
TREATED

\$[6.96699]&\$[10.668]&\$[7.91492]&\$[8.72071]&\$[4.08117]&

SAMPLE 4

NORMAL

\$[17.6106]&\$[4.69387]&\$[12.9826]&\$[0.630875]&\$[9.84173]&
TREATED

\$[7.51377]&\$[6.62331]&\$[13.5412]&\$[9.97095]&\$[7.81169]&

SAMPLE 5

NORMAL

\$[-7.4746]&\$[3.26164]&\$[-0.288533]&\$[0.397738]&\$[-11.3065]&
TREATED

\$[2.67793]&\$[25.565]&\$[4.72828]&\$[-0.765551]&\$[-10.0116]&

SAMPLE 6

NORMAL

\$[2.23112]&\$[1.89338]&\$[0.708206]&\$[2.16284]&\$[-0.490725]&
TREATED

\$[1.35722]&\$[-0.832909]&\$[-2.58794]&\$[8.47823]&\$[21.7571]&

SAMPLE 7

NORMAL

\$[-6.55384]&\$[-1.46697]&\$[-1.42596]&\$[5.97304]&\$[8.23447]&
TREATED

\$[4.76573]&\$[-6.09578]&\$[11.3011]&\$[-5.84649]&\$[-2.87235]&

SAMPLE 8

NORMAL

\$[-19.2732]&\$[3.22913]&\$[17.1768]&\$[8.80872]&\$[5.59574]&
TREATED

\$[4.73244]&\$[4.77983]&\$[-9.42564]&\$[9.77797]&\$[2.81862]&

SAMPLE 9

NORMAL

\$[9.42595]&\$[-1.33854]&\$[-4.54117]&\$[1.4436]&\$[2.29392]&

TREATED
\$[-6.36043]&\$[-6.49644]&\$[1.33512]&\$[0.748789]&\$[1.96219]&
SAMPLE 10
NORMAL
\$[4.61859]&\$[-2.9678]&\$[5.98749]&\$[10.8385]&\$[-6.57592]&
TREATED
\$[12.2108]&\$[9.87721]&\$[13.3931]&\$[3.95128]&\$[19.8344]&

CE18B130
alpha = 0.0278338
FWER = 0.376623
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[-5.95548]&\$[0.770758]&\$[6.04048]&\$[4.17284]&\$[4.5541]&
TREATED
\$[9.62479]&\$[3.38444]&\$[4.44652]&\$[0.271251]&\$[9.33928]&
SAMPLE 2
NORMAL
\$[1.21967]&\$[1.78293]&\$[-3.04058]&\$[-4.7812]&\$[2.9017]&
TREATED
\$[8.67663]&\$[0.17846]&\$[14.858]&\$[1.84278]&\$[4.08126]&
SAMPLE 3
NORMAL
\$[-6.17764]&\$[0.844326]&\$[3.75669]&\$[3.04375]&\$[3.69151]&
TREATED
\$[10.313]&\$[12.3858]&\$[-7.36678]&\$[-5.39127]&\$[14.7915]&
SAMPLE 4
NORMAL
\$[18.151]&\$[11.3319]&\$[11.8211]&\$[16.5439]&\$[-4.61318]&
TREATED
\$[8.06121]&\$[-1.87738]&\$[11.5042]&\$[-7.66915]&\$[-5.51371]&
SAMPLE 5
NORMAL
\$[-0.50516]&\$[3.27437]&\$[6.41063]&\$[1.75908]&\$[8.58025]&
TREATED
\$[3.38594]&\$[-5.08469]&\$[-1.51646]&\$[3.116]&\$[8.10077]&
SAMPLE 6
NORMAL
\$[3.58355]&\$[13.9265]&\$[15.8244]&\$[-0.62358]&\$[15.5918]&
TREATED
\$[-5.97888]&\$[4.81236]&\$[18.9015]&\$[8.81899]&\$[7.60178]&
SAMPLE 7
NORMAL
\$[5.92692]&\$[9.71933]&\$[-3.70788]&\$[-1.36202]&\$[0.397089]&
TREATED
\$[1.03458]&\$[2.77923]&\$[11.1335]&\$[-10.7241]&\$[5.85535]&
SAMPLE 8
NORMAL
\$[-12.4944]&\$[-5.83733]&\$[3.9047]&\$[3.07078]&\$[-3.26099]&
TREATED
\$[0.703072]&\$[1.05732]&\$[-1.63695]&\$[-0.54304]&\$[0.717364]&
SAMPLE 9

NORMAL
\$[7.38215]&\$[-9.37363]&\$[-11.2172]&\$[1.77609]&\$[1.47142]&
TREATED
\$[4.62976]&\$[10.2316]&\$[-3.47555]&\$[-3.30851]&\$[9.21533]&
SAMPLE 10
NORMAL
\$[2.68297]&\$[-5.91772]&\$[-12.4295]&\$[6.56828]&\$[-2.71354]&
TREATED
\$[4.01382]&\$[8.94014]&\$[2.43467]&\$[-0.413531]&\$[4.46876]&

CE18B132
alpha = 0.0377458
FWER = 0.22811
SAMPLE FOR TTEST : SAMPLE no. 5

SAMPLE 1
NORMAL
\$[-5.55816]&\$[5.96311]&\$[0.410147]&\$[4.63705]&\$[13.0249]&
TREATED
\$[12.0271]&\$[-0.438135]&\$[2.7831]&\$[-6.65489]&\$[3.39305]&
SAMPLE 2
NORMAL
\$[-2.72178]&\$[19.1155]&\$[-12.5559]&\$[-8.39516]&\$[12.4418]&
TREATED
\$[2.28393]&\$[4.81979]&\$[5.79951]&\$[-3.73139]&\$[5.77799]&
SAMPLE 3
NORMAL
\$[2.41344]&\$[4.79263]&\$[0.736466]&\$[1.46066]&\$[2.26265]&
TREATED
\$[2.83758]&\$[4.21795]&\$[6.25191]&\$[3.00822]&\$[1.98545]&
SAMPLE 4
NORMAL
\$[6.31644]&\$[3.61162]&\$[5.269]&\$[6.84712]&\$[5.0703]&
TREATED
\$[-1.44245]&\$[5.51458]&\$[-4.08975]&\$[-0.69627]&\$[0.99043]&
SAMPLE 5
NORMAL
\$[0.447541]&\$[13.6038]&\$[19.7638]&\$[13.9402]&\$[1.45602]&
TREATED
\$[9.42793]&\$[3.11763]&\$[7.35181]&\$[-5.34187]&\$[-2.56401]&
SAMPLE 6
NORMAL
\$[15.2333]&\$[7.52279]&\$[7.3742]&\$[5.93273]&\$[8.8407]&
TREATED
\$[-0.198527]&\$[1.77335]&\$[1.34568]&\$[-11.4921]&\$[0.487865]&
SAMPLE 7
NORMAL
\$[-1.66043]&\$[14.0725]&\$[0.455257]&\$[1.53562]&\$[-25.2389]&
TREATED
\$[2.75159]&\$[2.5582]&\$[4.11419]&\$[1.27505]&\$[-0.213534]&
SAMPLE 8
NORMAL
\$[4.94713]&\$[0.931686]&\$[4.87739]&\$[-4.11622]&\$[14.9912]&
TREATED

\$[-6.89293]&\$[-5.17701]&\$[10.52]&\$[5.45517]&\$[5.80842]&
SAMPLE 9
NORMAL
\$[2.1253]&\$[0.958134]&\$[5.13601]&\$[5.05123]&\$[0.392609]&
TREATED
\$[-2.09404]&\$[-12.206]&\$[7.0466]&\$[0.0791802]&\$[-4.53411]&
SAMPLE 10
NORMAL
\$[3.76203]&\$[4.02084]&\$[4.49941]&\$[3.50202]&\$[3.80151]&
TREATED
\$[0.837163]&\$[-14.9148]&\$[8.90505]&\$[3.88227]&\$[4.49458]&

CE18B133
alpha = 0.0201486
FWER = 0.378009
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[10.7814]&\$[-1.90194]&\$[-2.82089]&\$[-3.37069]&\$[23.8619]&
TREATED
\$[-0.260712]&\$[1.71651]&\$[-6.31467]&\$[6.69751]&\$[-4.65917]&
SAMPLE 2
NORMAL
\$[0.420035]&\$[1.60573]&\$[-0.403269]&\$[1.48059]&\$[3.71013]&
TREATED
\$[10.0518]&\$[6.90194]&\$[-3.85914]&\$[1.40111]&\$[-4.0574]&
SAMPLE 3
NORMAL
\$[14.0618]&\$[7.34972]&\$[-4.60639]&\$[-6.41045]&\$[-0.49901]&
TREATED
\$[-3.66936]&\$[-7.60587]&\$[-3.14594]&\$[2.68906]&\$[10.3301]&
SAMPLE 4
NORMAL
\$[5.56258]&\$[-2.40015]&\$[13.0046]&\$[6.70196]&\$[9.20615]&
TREATED
\$[0.27639]&\$[0.247032]&\$[17.1707]&\$[-5.06907]&\$[14.6607]&
SAMPLE 5
NORMAL
\$[7.13798]&\$[4.27026]&\$[-11.1638]&\$[-1.8398]&\$[-4.77144]&
TREATED
\$[-8.91077]&\$[3.99287]&\$[18.3977]&\$[4.34418]&\$[13.4666]&
SAMPLE 6
NORMAL
\$[8.19249]&\$[4.4197]&\$[5.31294]&\$[2.27922]&\$[-3.7889]&
TREATED
\$[6.21427]&\$[1.53898]&\$[9.96088]&\$[9.38035]&\$[-7.97074]&
SAMPLE 7
NORMAL
\$[-4.02948]&\$[-0.0648252]&\$[3.34566]&\$[-2.54133]&\$[1.13188]&
TREATED
\$[2.32564]&\$[3.53413]&\$[2.17637]&\$[1.65457]&\$[10.6723]&
SAMPLE 8
NORMAL

\$[3.50571]&\$[-0.786746]&\$[3.77655]&\$[3.23482]&\$[1.26888]&
TREATED
\$[5.86573]&\$[0.87127]&\$[9.17546]&\$[0.27594]&\$[6.60173]&
SAMPLE 9
NORMAL
\$[-9.34174]&\$[5.22257]&\$[0.721473]&\$[0.242702]&\$[-7.21588]&
TREATED
\$[2.95707]&\$[9.84712]&\$[3.03285]&\$[-5.65986]&\$[-5.67804]&
SAMPLE 10
NORMAL
\$[-5.05484]&\$[13.6185]&\$[-2.66696]&\$[1.38333]&\$[-2.11721]&
TREATED
\$[16.583]&\$[0.0749469]&\$[2.24678]&\$[15.6923]&\$[13.6464]&

CH16B102
alpha = 0.0126979
FWER = 0.310982
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[-1.89977]&\$[-11.7113]&\$[3.13455]&\$[3.46115]&\$[-3.01614]&
TREATED
\$[2.52018]&\$[-12.5626]&\$[12.5977]&\$[6.28959]&\$[-4.18358]&
SAMPLE 2
NORMAL
\$[1.37434]&\$[5.18837]&\$[4.73042]&\$[-3.83848]&\$[4.13936]&
TREATED
\$[-2.6125]&\$[-0.266758]&\$[4.35078]&\$[-1.31574]&\$[15.1175]&
SAMPLE 3
NORMAL
\$[8.53247]&\$[13.328]&\$[-7.2413]&\$[-3.91171]&\$[-15.5988]&
TREATED
\$[8.36384]&\$[5.65474]&\$[0.890274]&\$[-1.77981]&\$[4.00164]&
SAMPLE 4
NORMAL
\$[-10.4226]&\$[7.24138]&\$[16.0991]&\$[9.79923]&\$[-9.31356]&
TREATED
\$[2.87749]&\$[4.94044]&\$[3.43671]&\$[6.11457]&\$[1.72571]&
SAMPLE 5
NORMAL
\$[-5.43337]&\$[4.67603]&\$[0.532644]&\$[2.05015]&\$[2.01891]&
TREATED
\$[1.69491]&\$[1.732]&\$[3.5317]&\$[1.73831]&\$[2.6171]&
SAMPLE 6
NORMAL
\$[-9.47597]&\$[-7.2144]&\$[-7.44171]&\$[-1.72652]&\$[-11.8956]&
TREATED
\$[1.60199]&\$[2.89932]&\$[-1.9918]&\$[5.44454]&\$[-1.73936]&
SAMPLE 7
NORMAL
\$[3.69383]&\$[5.73872]&\$[-4.28166]&\$[-2.39548]&\$[5.66089]&
TREATED
\$[2.20827]&\$[-0.0824317]&\$[4.04038]&\$[1.41943]&\$[1.75151]&

SAMPLE 8
NORMAL
\$[4.54023]&\$[14.5884]&\$[3.34412]&\$[8.00146]&\$[8.9831]&
TREATED
\$[-9.28387]&\$[0.915459]&\$[-9.08093]&\$[19.0176]&\$[5.76811]&
SAMPLE 9
NORMAL
\$[2.33741]&\$[-0.478188]&\$[0.418077]&\$[2.57117]&\$[4.92921]&
TREATED
\$[13.8459]&\$[15.8758]&\$[9.75901]&\$[-5.92077]&\$[1.58308]&
SAMPLE 10
NORMAL
\$[2.24081]&\$[3.3476]&\$[-4.45067]&\$[9.32805]&\$[3.80792]&
TREATED
\$[8.2372]&\$[1.84955]&\$[8.99035]&\$[3.43471]&\$[6.50894]&

CH17B078
alpha = 0.0115967
FWER = 0.224185
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[1.37108]&\$[0.672888]&\$[-6.08673]&\$[15.4434]&\$[4.95461]&
TREATED
\$[-5.71169]&\$[4.95325]&\$[-15.9454]&\$[-6.51694]&\$[6.94439]&
SAMPLE 2
NORMAL
\$[9.88023]&\$[5.38816]&\$[-2.18691]&\$[11.8174]&\$[1.49022]&
TREATED
\$[-3.19266]&\$[-4.78006]&\$[-3.93242]&\$[13.6254]&\$[-4.35139]&
SAMPLE 3
NORMAL
\$[-0.768114]&\$[-0.348956]&\$[2.66822]&\$[2.68627]&\$[5.58996]&
TREATED
\$[3.89459]&\$[8.17199]&\$[4.19384]&\$[5.81096]&\$[-3.02887]&
SAMPLE 4
NORMAL
\$[1.79317]&\$[4.77451]&\$[-0.833785]&\$[-5.45848]&\$[-11.7877]&
TREATED
\$[16.0565]&\$[-3.04152]&\$[-0.306333]&\$[14.824]&\$[13.2588]&
SAMPLE 5
NORMAL
\$[8.258]&\$[-10.9328]&\$[-20.3668]&\$[0.912898]&\$[2.73575]&
TREATED
\$[4.74012]&\$[-4.8003]&\$[-6.17327]&\$[6.94496]&\$[-10.8458]&
SAMPLE 6
NORMAL
\$[10.9511]&\$[8.68958]&\$[3.01549]&\$[-2.97232]&\$[0.806111]&
TREATED
\$[-1.43139]&\$[0.0384465]&\$[-0.000727032]&\$[-7.53917]&\$[10.7306]&
SAMPLE 7
NORMAL
\$[-3.7198]&\$[-7.03682]&\$[5.71465]&\$[3.25877]&\$[4.5286]&

TREATED
\$[4.96526]&\$[3.46962]&\$[5.09307]&\$[4.36829]&\$[0.323655]&
SAMPLE 8
NORMAL
\$[4.8291]&\$[15.7324]&\$[12.0528]&\$[17.5259]&\$[-1.07475]&
TREATED
\$[15.0257]&\$[7.66133]&\$[2.725]&\$[0.0223302]&\$[8.82827]&
SAMPLE 9
NORMAL
\$[4.69032]&\$[7.40552]&\$[3.04426]&\$[6.99963]&\$[7.88237]&
TREATED
\$[10.0322]&\$[14.3523]&\$[9.05321]&\$[3.76526]&\$[4.73974]&
SAMPLE 10
NORMAL
\$[-5.23426]&\$[7.86277]&\$[2.22182]&\$[-0.132047]&\$[-15.5668]&
TREATED
\$[-7.4808]&\$[10.2672]&\$[-0.787075]&\$[-5.30236]&\$[-3.98357]&

CH17B102
alpha = 0.0450148
FWER = 0.276412
SAMPLE FOR TTEST : SAMPLE no. 9
SAMPLE 1
NORMAL
\$[0.148578]&\$[2.28579]&\$[2.17629]&\$[-2.21684]&\$[0.890673]&
TREATED
\$[-7.3848]&\$[-3.40663]&\$[6.67322]&\$[-16.7033]&\$[-5.24416]&
SAMPLE 2
NORMAL
\$[3.70943]&\$[-2.16007]&\$[-11.9658]&\$[-0.989621]&\$[4.89524]&
TREATED
\$[-2.50556]&\$[5.47282]&\$[4.09198]&\$[-7.14351]&\$[2.3948]&
SAMPLE 3
NORMAL
\$[10.9499]&\$[5.85398]&\$[-5.79433]&\$[6.54737]&\$[-4.76628]&
TREATED
\$[-4.37509]&\$[-4.50265]&\$[3.38394]&\$[-9.8228]&\$[3.47133]&
SAMPLE 4
NORMAL
\$[-7.70851]&\$[-1.63873]&\$[-2.52223]&\$[4.92171]&\$[-7.27546]&
TREATED
\$[-5.80926]&\$[-14.1637]&\$[-2.66096]&\$[6.2106]&\$[22.5272]&
SAMPLE 5
NORMAL
\$[7.91812]&\$[6.87703]&\$[-5.42038]&\$[5.36638]&\$[12.0965]&
TREATED
\$[-5.90139]&\$[-10.4156]&\$[2.90911]&\$[2.62624]&\$[3.05061]&
SAMPLE 6
NORMAL
\$[-6.56842]&\$[3.25029]&\$[-2.29169]&\$[-5.63299]&\$[14.5819]&
TREATED
\$[-3.79896]&\$[-1.04351]&\$[7.27724]&\$[-5.72443]&\$[-5.50152]&
SAMPLE 7

NORMAL
\$[3.83385]&\$[-1.47821]&\$[-14.1455]&\$[-5.47307]&\$[11.1441]&
TREATED
\$[7.34159]&\$[2.72032]&\$[2.2547]&\$[-3.80682]&\$[4.89216]&
SAMPLE 8
NORMAL
\$[3.97964]&\$[2.71777]&\$[11.5721]&\$[12.2985]&\$[-20.1322]&
TREATED
\$[-9.11031]&\$[-0.410031]&\$[1.43253]&\$[-6.64805]&\$[-6.59307]&
SAMPLE 9
NORMAL
\$[6.45514]&\$[0.70036]&\$[6.62552]&\$[12.9197]&\$[10.0415]&
TREATED
\$[6.85193]&\$[4.2468]&\$[-7.08033]&\$[-5.83872]&\$[2.57689]&
SAMPLE 10
NORMAL
\$[18.2671]&\$[11.6919]&\$[0.509094]&\$[4.41655]&\$[-0.674264]&
TREATED
\$[-3.42968]&\$[11.4431]&\$[13.1776]&\$[7.12757]&\$[-13.6189]&

CH17B103
alpha = 0.0243082
FWER = 0.356544
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[4.27047]&\$[-4.74014]&\$[-2.54782]&\$[-2.97318]&\$[3.96731]&
TREATED
\$[5.82467]&\$[4.65491]&\$[2.53939]&\$[7.28526]&\$[3.80522]&
SAMPLE 2
NORMAL
\$[5.36799]&\$[-0.922877]&\$[1.90571]&\$[0.321294]&\$[3.19126]&
TREATED
\$[-7.10705]&\$[0.21761]&\$[8.09538]&\$[12.5571]&\$[5.64712]&
SAMPLE 3
NORMAL
\$[0.317278]&\$[-5.30951]&\$[-0.764798]&\$[4.26979]&\$[7.22363]&
TREATED
\$[-1.66339]&\$[6.28082]&\$[11.5926]&\$[-4.7455]&\$[8.36965]&
SAMPLE 4
NORMAL
\$[2.29769]&\$[15.0049]&\$[-2.13239]&\$[7.31379]&\$[0.551285]&
TREATED
\$[2.04768]&\$[-1.87375]&\$[8.5547]&\$[0.232301]&\$[-13.1964]&
SAMPLE 5
NORMAL
\$[0.625057]&\$[0.374218]&\$[10.878]&\$[4.91897]&\$[10.441]&
TREATED
\$[9.54049]&\$[3.35652]&\$[-0.14597]&\$[5.12125]&\$[2.99716]&
SAMPLE 6
NORMAL
\$[6.35791]&\$[4.09796]&\$[-7.17435]&\$[0.824318]&\$[-0.958207]&
TREATED

\$[6.50512]&\$[2.91751]&\$[-3.90125]&\$[-4.16416]&\$[-8.20495]&
SAMPLE 7
NORMAL
\$[-2.04906]&\$[-11.5231]&\$[16.8963]&\$[-4.95946]&\$[9.99538]&
TREATED
\$[11.9744]&\$[2.73238]&\$[-11.4864]&\$[13.0793]&\$[-2.28199]&
SAMPLE 8
NORMAL
\$[-17.05]&\$[4.71007]&\$[6.23461]&\$[-4.20586]&\$[-12.0221]&
TREATED
\$[-1.25463]&\$[-0.753653]&\$[5.80608]&\$[2.62992]&\$[1.00007]&
SAMPLE 9
NORMAL
\$[8.1426]&\$[5.49655]&\$[7.05367]&\$[-10.6592]&\$[5.48257]&
TREATED
\$[-0.423123]&\$[-3.78693]&\$[-0.318677]&\$[-1.36971]&\$[-1.18782]&
SAMPLE 10
NORMAL
\$[9.12196]&\$[6.78716]&\$[6.49044]&\$[1.00772]&\$[2.21924]&
TREATED
\$[9.11454]&\$[13.1969]&\$[11.1615]&\$[-6.49794]&\$[0.13485]&

CH17B112
alpha = 0.0437776
FWER = 0.274696
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[13.0324]&\$[4.47785]&\$[4.5313]&\$[-1.70585]&\$[-0.643267]&
TREATED
\$[-7.03451]&\$[6.4483]&\$[9.18341]&\$[3.59099]&\$[9.34734]&
SAMPLE 2
NORMAL
\$[-2.98631]&\$[-7.18109]&\$[4.87254]&\$[-7.12688]&\$[0.0734177]&
TREATED
\$[-0.673041]&\$[2.14008]&\$[2.08179]&\$[-5.20926]&\$[-12.7434]&
SAMPLE 3
NORMAL
\$[4.07831]&\$[7.84782]&\$[9.65766]&\$[-5.90504]&\$[-0.173659]&
TREATED
\$[9.81742]&\$[-5.6894]&\$[8.86361]&\$[4.03232]&\$[1.7812]&
SAMPLE 4
NORMAL
\$[6.43107]&\$[5.26121]&\$[-3.79391]&\$[10.081]&\$[5.09019]&
TREATED
\$[5.21849]&\$[1.01972]&\$[1.64282]&\$[2.39286]&\$[9.18385]&
SAMPLE 5
NORMAL
\$[1.7394]&\$[-2.40634]&\$[2.79721]&\$[0.330511]&\$[4.42658]&
TREATED
\$[-9.65088]&\$[4.76471]&\$[18.2275]&\$[1.80524]&\$[-2.57587]&
SAMPLE 6
NORMAL

\$[4.24045]&\$[-4.67202]&\$[8.82456]&\$[11.284]&\$[1.05698]&
TREATED
\$[6.69811]&\$[0.490769]&\$[5.59376]&\$[7.49104]&\$[2.82271]&
SAMPLE 7
NORMAL
\$[-0.750699]&\$[-2.34357]&\$[3.14874]&\$[14.5697]&\$[8.10574]&
TREATED
\$[-9.43013]&\$[2.97756]&\$[-2.61971]&\$[6.324]&\$[16.915]&
SAMPLE 8
NORMAL
\$[15.8996]&\$[-4.48969]&\$[-2.3943]&\$[9.29342]&\$[15.8033]&
TREATED
\$[6.53181]&\$[-1.31536]&\$[-1.76192]&\$[-1.75805]&\$[4.67339]&
SAMPLE 9
NORMAL
\$[17.8873]&\$[-2.09835]&\$[-11.4935]&\$[2.57011]&\$[-7.14184]&
TREATED
\$[9.78004]&\$[3.86411]&\$[12.2136]&\$[2.54219]&\$[6.68003]&
SAMPLE 10
NORMAL
\$[4.75512]&\$[0.513071]&\$[0.225029]&\$[-0.917263]&\$[6.18018]&
TREATED
\$[4.9121]&\$[13.3393]&\$[-1.66979]&\$[6.05768]&\$[8.70067]&

CH17B115
alpha = 0.0283851
FWER = 0.338008
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[6.53394]&\$[-18.3313]&\$[3.16701]&\$[-7.08636]&\$[-10.2598]&
TREATED
\$[-1.12164]&\$[-1.94132]&\$[5.66684]&\$[-0.274588]&\$[-2.16423]&
SAMPLE 2
NORMAL
\$[-1.11674]&\$[1.23524]&\$[-0.199288]&\$[-0.0166261]&\$[4.83914]&
TREATED
\$[-1.75714]&\$[7.80951]&\$[4.93623]&\$[3.6705]&\$[4.53738]&
SAMPLE 3
NORMAL
\$[-1.83882]&\$[9.68185]&\$[-2.90338]&\$[2.18242]&\$[-8.75447]&
TREATED
\$[9.61909]&\$[-2.16844]&\$[22.4642]&\$[0.5015]&\$[1.90399]&
SAMPLE 4
NORMAL
\$[1.83731]&\$[5.91085]&\$[-2.24197]&\$[17.5655]&\$[3.62465]&
TREATED
\$[-3.14993]&\$[-1.87602]&\$[6.20347]&\$[-2.65582]&\$[-1.73792]&
SAMPLE 5
NORMAL
\$[-2.49061]&\$[-0.543713]&\$[4.31859]&\$[-3.11899]&\$[-0.100933]&
TREATED
\$[5.58277]&\$[-9.02159]&\$[9.69492]&\$[0.480591]&\$[0.522465]&

SAMPLE 6
NORMAL
\$[0.026415]&,\$[2.90583]&,\$[3.26204]&,\$[13.5407]&,\$[-4.65419]&
TREATED
\$[13.237]&,\$[8.37084]&,\$[4.36774]&,\$[0.388193]&,\$[9.04897]&
SAMPLE 7
NORMAL
\$[11.9148]&,\$[12.398]&,\$[1.47172]&,\$[-3.6838]&,\$[-6.22346]&
TREATED
\$[4.66748]&,\$[3.17936]&,\$[4.02887]&,\$[7.40134]&,\$[-5.37189]&
SAMPLE 8
NORMAL
\$[-8.81756]&,\$[-1.81201]&,\$[-2.69934]&,\$[-13.8402]&,\$[17.6105]&
TREATED
\$[2.17157]&,\$[19.5466]&,\$[-0.0265967]&,\$[-17.958]&,\$[-4.16396]&
SAMPLE 9
NORMAL
\$[9.6459]&,\$[1.73034]&,\$[-7.26035]&,\$[-0.284357]&,\$[9.87874]&
TREATED
\$[-2.77911]&,\$[-5.55154]&,\$[-13.5604]&,\$[-5.135]&,\$[-2.23997]&
SAMPLE 10
NORMAL
\$[2.27244]&,\$[-15.728]&,\$[2.35178]&,\$[8.77273]&,\$[0.336299]&
TREATED
\$[8.41193]&,\$[3.5481]&,\$[6.34265]&,\$[10.8513]&,\$[7.0789]&

CH18B001
alpha = 0.0401633
FWER = 0.33655
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[4.29002]&,\$[2.53984]&,\$[7.62703]&,\$[-3.87189]&,\$[10.3333]&
TREATED
\$[15.472]&,\$[1.18756]&,\$[-5.58367]&,\$[-4.50604]&,\$[21.6889]&
SAMPLE 2
NORMAL
\$[-1.04991]&,\$[3.08169]&,\$[0.787727]&,\$[-1.39325]&,\$[9.37348]&
TREATED
\$[6.73609]&,\$[2.37455]&,\$[4.12869]&,\$[6.37531]&,\$[4.94888]&
SAMPLE 3
NORMAL
\$[-6.57677]&,\$[-12.2074]&,\$[4.44391]&,\$[-3.82658]&,\$[11.66]&
TREATED
\$[0.669322]&,\$[-0.770951]&,\$[0.213735]&,\$[-7.75902]&,\$[5.66624]&
SAMPLE 4
NORMAL
\$[-3.58337]&,\$[9.99745]&,\$[2.7683]&,\$[1.29297]&,\$[2.6315]&
TREATED
\$[-2.0333]&,\$[11.1056]&,\$[9.37528]&,\$[-0.168791]&,\$[6.53546]&
SAMPLE 5
NORMAL
\$[6.47788]&,\$[11.0026]&,\$[-7.32471]&,\$[5.60608]&,\$[-0.763924]&

TREATED
\$[-6.13282]&\$[-1.82335]&\$[-5.65911]&\$[-0.451938]&\$[5.89466]&
SAMPLE 6
NORMAL
\$[1.23689]&\$[3.92105]&\$[4.09205]&\$[0.700403]&\$[7.72202]&
TREATED
\$[-6.05139]&\$[-4.03222]&\$[4.13201]&\$[-0.516292]&\$[7.84258]&
SAMPLE 7
NORMAL
\$[-3.02775]&\$[-3.61921]&\$[-0.822791]&\$[3.82579]&\$[12.7652]&
TREATED
\$[3.92368]&\$[12.0558]&\$[1.55364]&\$[3.37061]&\$[12.6222]&
SAMPLE 8
NORMAL
\$[-8.10994]&\$[11.2412]&\$[-2.91605]&\$[13.5979]&\$[-4.53717]&
TREATED
\$[13.5265]&\$[7.45695]&\$[15.2796]&\$[-0.143559]&\$[-2.04077]&
SAMPLE 9
NORMAL
\$[-16.3705]&\$[1.48105]&\$[16.449]&\$[12.0738]&\$[12.2015]&
TREATED
\$[4.97638]&\$[5.81609]&\$[-2.50681]&\$[5.04271]&\$[-3.07413]&
SAMPLE 10
NORMAL
\$[-9.29757]&\$[-11.5927]&\$[-1.615]&\$[5.37075]&\$[-5.4682]&
TREATED
\$[-1.76024]&\$[-1.58822]&\$[-2.24616]&\$[9.53114]&\$[1.64443]&

CH18B005
alpha = 0.036945
FWER = 0.216616
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[-1.1038]&\$[4.72586]&\$[-1.68125]&\$[3.72208]&\$[1.90764]&
TREATED
\$[-7.64796]&\$[6.53277]&\$[5.65689]&\$[10.2162]&\$[4.4088]&
SAMPLE 2
NORMAL
\$[5.67596]&\$[13.7222]&\$[9.65269]&\$[10.1839]&\$[8.15344]&
TREATED
\$[10.8806]&\$[6.05287]&\$[7.09228]&\$[-6.16538]&\$[-9.55999]&
SAMPLE 3
NORMAL
\$[-0.823037]&\$[2.34481]&\$[6.86665]&\$[6.85431]&\$[6.71008]&
TREATED
\$[0.299827]&\$[5.75784]&\$[3.15213]&\$[-11.6473]&\$[1.34659]&
SAMPLE 4
NORMAL
\$[0.187553]&\$[4.31884]&\$[2.23161]&\$[-3.87801]&\$[3.15341]&
TREATED
\$[-2.87259]&\$[-12.8765]&\$[0.0107622]&\$[20.4127]&\$[9.9463]&
SAMPLE 5

NORMAL
\$[3.3421]&\$[2.88574]&\$[8.58886]&\$[12.6337]&\$[17.1947]&
TREATED
\$[1.47606]&\$[-7.73256]&\$[6.46669]&\$[5.02981]&\$[4.34394]&
SAMPLE 6
NORMAL
\$[-9.75853]&\$[-1.00869]&\$[-7.15507]&\$[-15.2428]&\$[5.60511]&
TREATED
\$[6.72566]&\$[8.97996]&\$[4.48306]&\$[3.54812]&\$[7.85592]&
SAMPLE 7
NORMAL
\$[1.25704]&\$[1.99488]&\$[0.771794]&\$[-7.64789]&\$[-7.44917]&
TREATED
\$[6.03738]&\$[-11.3586]&\$[11.9831]&\$[-14.9297]&\$[3.32706]&
SAMPLE 8
NORMAL
\$[3.47969]&\$[13.8675]&\$[-5.21107]&\$[-8.6723]&\$[-5.88736]&
TREATED
\$[-4.32407]&\$[3.24989]&\$[2.48778]&\$[11.5162]&\$[5.71855]&
SAMPLE 9
NORMAL
\$[1.66009]&\$[0.464746]&\$[1.13527]&\$[5.7898]&\$[-4.82205]&
TREATED
\$[16.8475]&\$[6.49619]&\$[-3.59473]&\$[7.58296]&\$[2.63455]&
SAMPLE 10
NORMAL
\$[-2.22179]&\$[8.03472]&\$[2.48521]&\$[1.17385]&\$[3.57598]&
TREATED
\$[2.43897]&\$[-12.2839]&\$[13.7655]&\$[-2.27949]&\$[-0.00146173]&

CH18B006
alpha = 0.00111888
FWER = 0.358909
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[-3.60639]&\$[12.1734]&\$[-1.68982]&\$[19.7108]&\$[4.08036]&
TREATED
\$[2.58715]&\$[-4.82747]&\$[2.62722]&\$[-3.4621]&\$[-0.248133]&
SAMPLE 2
NORMAL
\$[8.3472]&\$[17.4522]&\$[2.72322]&\$[-3.34188]&\$[8.90864]&
TREATED
\$[6.67638]&\$[-11.7747]&\$[-8.70084]&\$[6.95762]&\$[8.53098]&
SAMPLE 3
NORMAL
\$[2.27758]&\$[-3.89101]&\$[0.0602767]&\$[6.21907]&\$[-8.15862]&
TREATED
\$[-0.542505]&\$[2.83808]&\$[-2.29305]&\$[2.66243]&\$[-2.02728]&
SAMPLE 4
NORMAL
\$[6.23824]&\$[-10.9245]&\$[8.58607]&\$[-2.84473]&\$[7.72644]&
TREATED

\$[3.44423]&\$[6.60512]&\$[3.54404]&\$[-0.3925]&\$[8.68064]&
SAMPLE 5
NORMAL
\$[1.36963]&\$[4.24641]&\$[0.119972]&\$[3.93158]&\$[1.49994]&
TREATED
\$[6.62969]&\$[-7.90996]&\$[2.83672]&\$[-9.82555]&\$[9.17416]&
SAMPLE 6
NORMAL
\$[2.40569]&\$[3.66068]&\$[6.56801]&\$[3.61417]&\$[-2.06067]&
TREATED
\$[10.6353]&\$[2.43575]&\$[3.78208]&\$[8.00942]&\$[6.70653]&
SAMPLE 7
NORMAL
\$[8.36896]&\$[-0.48337]&\$[6.17189]&\$[9.64308]&\$[6.40888]&
TREATED
\$[-8.46785]&\$[3.75837]&\$[-6.77473]&\$[2.81832]&\$[2.01957]&
SAMPLE 8
NORMAL
\$[-8.56176]&\$[5.83628]&\$[10.3923]&\$[22.7706]&\$[2.99316]&
TREATED
\$[8.76415]&\$[10.588]&\$[12.0098]&\$[-5.99709]&\$[11.1172]&
SAMPLE 9
NORMAL
\$[1.04738]&\$[0.246757]&\$[1.65328]&\$[1.05538]&\$[3.00086]&
TREATED
\$[3.09101]&\$[-3.92307]&\$[13.5697]&\$[-0.818484]&\$[-1.01118]&
SAMPLE 10
NORMAL
\$[6.97564]&\$[-1.31426]&\$[-5.2748]&\$[-4.50576]&\$[15.9702]&
TREATED
\$[1.60912]&\$[-1.35508]&\$[3.70826]&\$[-4.89449]&\$[-1.54298]&

CH18B010
alpha = 0.0258034
FWER = 0.224552
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[0.43895]&\$[2.15192]&\$[9.40608]&\$[5.20841]&\$[-20.8023]&
TREATED
\$[12.4763]&\$[8.58204]&\$[7.82511]&\$[-6.57745]&\$[3.58574]&
SAMPLE 2
NORMAL
\$[-3.87258]&\$[2.22147]&\$[-1.75833]&\$[8.5205]&\$[-0.302163]&
TREATED
\$[-2.27226]&\$[0.288457]&\$[-4.23118]&\$[-6.55836]&\$[9.39319]&
SAMPLE 3
NORMAL
\$[0.736987]&\$[-0.428997]&\$[7.53928]&\$[1.24925]&\$[1.972]&
TREATED
\$[0.195094]&\$[-3.88446]&\$[-9.06953]&\$[-9.86907]&\$[14.5423]&
SAMPLE 4
NORMAL

\$[1.0639]&,\$[2.74535]&,\$[7.31249]&,\$[-3.07152]&,\$[14.7275]&
TREATED
\$[-12.01]&,\$[8.2122]&,\$[5.98732]&,\$[1.3806]&,\$[-0.89135]&
SAMPLE 5
NORMAL
\$[-6.75955]&,\$[-0.0583691]&,\$[-3.04977]&,\$[8.73902]&,\$[-3.30866]&
TREATED
\$[-1.95698]&,\$[3.88801]&,\$[-6.8468]&,\$[3.48688]&,\$[4.24263]&
SAMPLE 6
NORMAL
\$[-2.03353]&,\$[-4.13058]&,\$[4.56635]&,\$[-5.10959]&,\$[-17.4726]&
TREATED
\$[6.68859]&,\$[3.20051]&,\$[2.62984]&,\$[-7.19324]&,\$[-8.16463]&
SAMPLE 7
NORMAL
\$[2.11215]&,\$[1.60391]&,\$[-2.99089]&,\$[0.880029]&,\$[1.69435]&
TREATED
\$[6.33923]&,\$[-6.30296]&,\$[-3.90224]&,\$[1.98432]&,\$[-3.95858]&
SAMPLE 8
NORMAL
\$[7.71239]&,\$[2.42493]&,\$[12.8898]&,\$[-7.57797]&,\$[18.7404]&
TREATED
\$[7.3324]&,\$[1.29812]&,\$[-0.422909]&,\$[12.689]&,\$[9.61561]&
SAMPLE 9
NORMAL
\$[5.75293]&,\$[4.01766]&,\$[6.74635]&,\$[-1.53346]&,\$[6.55426]&
TREATED
\$[6.50246]&,\$[-4.53309]&,\$[-8.88918]&,\$[14.0979]&,\$[2.84182]&
SAMPLE 10
NORMAL
\$[1.76803]&,\$[8.10656]&,\$[-6.05166]&,\$[2.87544]&,\$[4.90485]&
TREATED
\$[0.353616]&,\$[0.729447]&,\$[5.27384]&,\$[-2.04054]&,\$[3.60616]&

CH18B012
alpha = 0.0321471
FWER = 0.369505
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[1.1609]&,\$[1.0024]&,\$[-1.72563]&,\$[3.73933]&,\$[7.13756]&
TREATED
\$[4.1335]&,\$[10.2058]&,\$[-2.15985]&,\$[-5.02028]&,\$[-2.41814]&
SAMPLE 2
NORMAL
\$[0.513667]&,\$[-10.7409]&,\$[0.0303625]&,\$[-1.35335]&,\$[-7.28458]&
TREATED
\$[0.26667]&,\$[4.80174]&,\$[0.403447]&,\$[-3.39767]&,\$[1.67393]&
SAMPLE 3
NORMAL
\$[5.26695]&,\$[4.03566]&,\$[-2.93464]&,\$[1.05113]&,\$[-0.543835]&
TREATED
\$[-2.49963]&,\$[-5.19386]&,\$[-12.1736]&,\$[-2.81847]&,\$[0.525565]&

SAMPLE 4
NORMAL
\$[7.10084]&,\$[1.0688]&,\$[4.32268]&,\$[0.704512]&,\$[-0.924467]&
TREATED
\$[6.46953]&,\$[-20.5615]&,\$[8.63576]&,\$[-0.895637]&,\$[5.47298]&
SAMPLE 5
NORMAL
\$[-0.669399]&,\$[-2.28681]&,\$[-0.0940859]&,\$[2.00521]&,\$[-5.86087]&
TREATED
\$[-4.94952]&,\$[-6.67523]&,\$[12.9609]&,\$[5.80478]&,\$[0.646747]&
SAMPLE 6
NORMAL
\$[20.1375]&,\$[5.13873]&,\$[3.42238]&,\$[-0.729548]&,\$[10.199]&
TREATED
\$[-0.580531]&,\$[0.864735]&,\$[1.80714]&,\$[1.38961]&,\$[-1.2947]&
SAMPLE 7
NORMAL
\$[-8.21028]&,\$[-9.23436]&,\$[3.44302]&,\$[1.41813]&,\$[15.6928]&
TREATED
\$[7.42168]&,\$[0.765731]&,\$[15.3233]&,\$[-1.9721]&,\$[9.7628]&
SAMPLE 8
NORMAL
\$[6.38931]&,\$[-3.5967]&,\$[10.5379]&,\$[-10.605]&,\$[-5.59954]&
TREATED
\$[3.83212]&,\$[5.65152]&,\$[-4.86076]&,\$[-0.415071]&,\$[-4.39152]&
SAMPLE 9
NORMAL
\$[-2.52613]&,\$[4.74316]&,\$[-11.7403]&,\$[-9.58019]&,\$[15.1697]&
TREATED
\$[8.3799]&,\$[5.68465]&,\$[15.5166]&,\$[12.4318]&,\$[13.6585]&
SAMPLE 10
NORMAL
\$[-1.85511]&,\$[3.29349]&,\$[-2.0206]&,\$[-2.12228]&,\$[-7.4389]&
TREATED
\$[15.8665]&,\$[7.2439]&,\$[-1.43872]&,\$[0.757435]&,\$[-1.87117]&

CH18B044
alpha = 0.0373803
FWER = 0.369418
SAMPLE FOR TTEST : SAMPLE no. 9
SAMPLE 1
NORMAL
\$[2.37418]&,\$[3.20003]&,\$[5.82616]&,\$[3.62914]&,\$[2.21672]&
TREATED
\$[-12.7025]&,\$[12.0948]&,\$[2.66975]&,\$[10.1144]&,\$[-9.7826]&
SAMPLE 2
NORMAL
\$[4.99297]&,\$[2.90002]&,\$[3.16297]&,\$[3.55495]&,\$[-2.16609]&
TREATED
\$[-0.941885]&,\$[-7.54898]&,\$[-6.51599]&,\$[2.87082]&,\$[21.871]&
SAMPLE 3
NORMAL
\$[3.33476]&,\$[-2.31323]&,\$[-10.3437]&,\$[10.7314]&,\$[-0.502875]&

TREATED
\$[5.47142]&\$[3.57788]&\$[1.25168]&\$[-2.57696]&\$[0.314092]&
SAMPLE 4
NORMAL
\$[8.47456]&\$[-1.73463]&\$[0.531055]&\$[-3.77762]&\$[1.05293]&
TREATED
\$[11.436]&\$[1.971]&\$[9.83588]&\$[-1.04578]&\$[-1.38258]&
SAMPLE 5
NORMAL
\$[2.03243]&\$[6.18422]&\$[-14.782]&\$[-3.4495]&\$[12.2527]&
TREATED
\$[-0.382515]&\$[12.2395]&\$[-9.03581]&\$[3.13752]&\$[1.0205]&
SAMPLE 6
NORMAL
\$[7.31077]&\$[-2.67113]&\$[-1.69977]&\$[1.5308]&\$[-7.36247]&
TREATED
\$[-0.70164]&\$[7.37887]&\$[5.91807]&\$[11.3866]&\$[-1.18433]&
SAMPLE 7
NORMAL
\$[11.8455]&\$[-6.07073]&\$[13.2927]&\$[10.5114]&\$[-4.41609]&
TREATED
\$[-0.452579]&\$[1.15478]&\$[2.24134]&\$[-1.6989]&\$[1.03865]&
SAMPLE 8
NORMAL
\$[4.71273]&\$[-0.200353]&\$[4.54964]&\$[5.28834]&\$[9.50863]&
TREATED
\$[8.67617]&\$[-2.02623]&\$[-8.34049]&\$[0.573727]&\$[-9.97982]&
SAMPLE 9
NORMAL
\$[7.99154]&\$[4.39122]&\$[4.41047]&\$[-2.53866]&\$[-2.764]&
TREATED
\$[3.58057]&\$[0.459785]&\$[-0.401243]&\$[0.237911]&\$[1.31832]&
SAMPLE 10
NORMAL
\$[4.9266]&\$[-8.55352]&\$[7.64624]&\$[-6.49258]&\$[-4.009]&
TREATED
\$[-0.294874]&\$[3.24046]&\$[-1.35941]&\$[3.94644]&\$[-0.106081]&

CH18B056
alpha = 0.0109253
FWER = 0.288226
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[23.0521]&\$[-11.0414]&\$[-5.46444]&\$[0.0284586]&\$[15.5771]&
TREATED
\$[2.17793]&\$[3.70624]&\$[7.9953]&\$[6.23309]&\$[7.01229]&
SAMPLE 2
NORMAL
\$[-9.01234]&\$[-26.8005]&\$[1.625]&\$[-3.29378]&\$[15.5071]&
TREATED
\$[3.39459]&\$[1.68076]&\$[-6.19397]&\$[0.0386995]&\$[10.4472]&
SAMPLE 3

NORMAL
\$[12.5153]&\$[3.42637]&\$[-10.0806]&\$[4.22444]&\$[-3.19101]&
TREATED
\$[12.2976]&\$[6.82432]&\$[5.30876]&\$[-4.73609]&\$[2.00557]&
SAMPLE 4
NORMAL
\$[2.41782]&\$[2.86903]&\$[3.99148]&\$[18.377]&\$[4.97012]&
TREATED
\$[9.59486]&\$[4.6387]&\$[4.87495]&\$[6.6875]&\$[8.49241]&
SAMPLE 5
NORMAL
\$[-13.0351]&\$[8.40657]&\$[4.22588]&\$[-6.62762]&\$[-10.3769]&
TREATED
\$[2.91747]&\$[-0.539944]&\$[6.44826]&\$[-3.39985]&\$[5.55263]&
SAMPLE 6
NORMAL
\$[9.43956]&\$[1.57148]&\$[-2.69859]&\$[-10.2081]&\$[3.84157]&
TREATED
\$[11.1016]&\$[11.3708]&\$[6.0842]&\$[-0.656305]&\$[13.4669]&
SAMPLE 7
NORMAL
\$[9.87391]&\$[-6.91629]&\$[-8.85283]&\$[1.78371]&\$[-4.293]&
TREATED
\$[-0.722726]&\$[6.42334]&\$[10.5522]&\$[11.7784]&\$[-10.1867]&
SAMPLE 8
NORMAL
\$[2.34771]&\$[15.4682]&\$[5.50305]&\$[0.990645]&\$[-4.47902]&
TREATED
\$[11.3543]&\$[-0.327581]&\$[8.57175]&\$[6.97099]&\$[-2.24936]&
SAMPLE 9
NORMAL
\$[4.99502]&\$[0.471103]&\$[7.40986]&\$[2.16089]&\$[-3.23489]&
TREATED
\$[2.62313]&\$[10.6263]&\$[4.47399]&\$[-5.28339]&\$[5.88432]&
SAMPLE 10
NORMAL
\$[-11.0638]&\$[-8.90178]&\$[26.6484]&\$[20.6774]&\$[3.5261]&
TREATED
\$[5.54337]&\$[-6.86375]&\$[5.466]&\$[3.79426]&\$[0.905458]&

CH18B060
alpha = 0.0280832
FWER = 0.399471
SAMPLE FOR TTEST : SAMPLE no. 9
SAMPLE 1
NORMAL
\$[14.4317]&\$[5.18821]&\$[4.31203]&\$[-6.67967]&\$[6.2202]&
TREATED
\$[-0.967387]&\$[5.02266]&\$[-5.65128]&\$[8.13327]&\$[17.2062]&
SAMPLE 2
NORMAL
\$[1.84476]&\$[3.25262]&\$[3.63361]&\$[0.0228944]&\$[-0.553946]&
TREATED

\$[1.61274]&\$[-1.76798]&\$[4.99311]&\$[17.8101]&\$[1.16991]&
SAMPLE 3
NORMAL
\$[-4.91728]&\$[10.2754]&\$[15.0526]&\$[0.806841]&\$[12.7144]&
TREATED
\$[-12.4039]&\$[3.02088]&\$[-3.40485]&\$[-2.77722]&\$[0.0358335]&
SAMPLE 4
NORMAL
\$[-5.91501]&\$[-3.20238]&\$[-18.61]&\$[-4.48385]&\$[-0.531643]&
TREATED
\$[13.9102]&\$[3.37085]&\$[17.5041]&\$[-8.09746]&\$[4.68097]&
SAMPLE 5
NORMAL
\$[1.21416]&\$[2.39635]&\$[9.74721]&\$[-4.52108]&\$[-7.35592]&
TREATED
\$[-1.05212]&\$[-7.40789]&\$[10.8975]&\$[4.63239]&\$[6.85575]&
SAMPLE 6
NORMAL
\$[9.17126]&\$[0.44232]&\$[7.18333]&\$[5.71047]&\$[9.197]&
TREATED
\$[-6.03839]&\$[11.5865]&\$[9.88703]&\$[-17.0804]&\$[-7.39047]&
SAMPLE 7
NORMAL
\$[1.59238]&\$[1.17011]&\$[7.90993]&\$[5.83601]&\$[-2.93851]&
TREATED
\$[9.68579]&\$[17.4958]&\$[6.59812]&\$[-2.48084]&\$[11.0551]&
SAMPLE 8
NORMAL
\$[-12.023]&\$[-0.283869]&\$[-5.38146]&\$[0.680997]&\$[5.46216]&
TREATED
\$[-3.17075]&\$[0.43615]&\$[5.66647]&\$[-1.92865]&\$[-0.52494]&
SAMPLE 9
NORMAL
\$[9.33568]&\$[-1.32196]&\$[7.23891]&\$[-8.73077]&\$[5.67242]&
TREATED
\$[11.409]&\$[9.6441]&\$[14.8202]&\$[2.68676]&\$[2.88561]&
SAMPLE 10
NORMAL
\$[6.59102]&\$[-2.56816]&\$[1.92438]&\$[6.80615]&\$[0.596954]&
TREATED
\$[1.80529]&\$[1.8587]&\$[-7.05883]&\$[17.7748]&\$[2.1037]&

CH18B067
alpha = 0.00483593
FWER = 0.200893
SAMPLE FOR TTEST : SAMPLE no. 9
SAMPLE 1
NORMAL
\$[-0.873887]&\$[5.35683]&\$[-0.706562]&\$[-5.5822]&\$[8.79309]&
TREATED
\$[-5.2423]&\$[21.5369]&\$[7.7902]&\$[12.9805]&\$[11.9245]&
SAMPLE 2
NORMAL

\$[0.856933]&\$[2.2364]&\$[2.40791]&\$[1.73151]&\$[-1.99101]&
TREATED
\$[-1.60532]&\$[-2.23043]&\$[2.13889]&\$[0.533932]&\$[2.87031]&
SAMPLE 3
NORMAL
\$[-2.47077]&\$[-3.82364]&\$[5.74281]&\$[1.7933]&\$[-0.64298]&
TREATED
\$[-1.20712]&\$[-5.06819]&\$[-6.1843]&\$[6.89662]&\$[-0.556611]&
SAMPLE 4
NORMAL
\$[5.91741]&\$[4.13292]&\$[1.50548]&\$[-2.0812]&\$[1.0279]&
TREATED
\$[4.21591]&\$[6.23496]&\$[4.86671]&\$[1.10128]&\$[3.05102]&
SAMPLE 5
NORMAL
\$[7.23778]&\$[-7.59523]&\$[-2.98601]&\$[13.054]&\$[-2.84919]&
TREATED
\$[5.4446]&\$[1.65783]&\$[6.14463]&\$[1.14197]&\$[1.32673]&
SAMPLE 6
NORMAL
\$[2.36523]&\$[1.72808]&\$[-2.20428]&\$[-6.3033]&\$[-3.40356]&
TREATED
\$[6.44295]&\$[0.484609]&\$[5.80273]&\$[6.46274]&\$[-0.193461]&
SAMPLE 7
NORMAL
\$[11.5858]&\$[-5.40798]&\$[-7.43847]&\$[-4.95641]&\$[-3.21154]&
TREATED
\$[-6.56314]&\$[9.03026]&\$[5.98881]&\$[5.59097]&\$[-1.49465]&
SAMPLE 8
NORMAL
\$[9.33335]&\$[3.58096]&\$[-4.18155]&\$[-7.85182]&\$[6.0561]&
TREATED
\$[-0.285327]&\$[6.59152]&\$[-2.92132]&\$[-3.22558]&\$[-5.13684]&
SAMPLE 9
NORMAL
\$[-9.87559]&\$[9.1213]&\$[-4.78481]&\$[3.95497]&\$[2.76613]&
TREATED
\$[-6.98739]&\$[2.04903]&\$[2.59671]&\$[-4.06848]&\$[-0.24426]&
SAMPLE 10
NORMAL
\$[4.13623]&\$[-1.35001]&\$[3.68814]&\$[-0.9772]&\$[3.76999]&
TREATED
\$[5.98736]&\$[7.76235]&\$[0.706889]&\$[-1.39752]&\$[4.54409]&

CH18B119
alpha = 0.015073
FWER = 0.382199
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[7.30352]&\$[-1.0758]&\$[6.33132]&\$[4.41341]&\$[7.14225]&
TREATED
\$[1.40455]&\$[-4.68878]&\$[-7.99158]&\$[9.41236]&\$[5.82712]&

SAMPLE 2
NORMAL
\$[2.08575]&\$[7.59033]&\$[-6.3618]&\$[10.2169]&\$[-8.84964]&
TREATED
\$[3.44911]&\$[2.59806]&\$[6.84991]&\$[3.8617]&\$[5.76843]&
SAMPLE 3
NORMAL
\$[8.05422]&\$[4.56328]&\$[10.7168]&\$[0.762323]&\$[3.93773]&
TREATED
\$[4.58798]&\$[-0.490342]&\$[-0.0942266]&\$[-5.86315]&\$[-3.72424]&
SAMPLE 4
NORMAL
\$[6.81023]&\$[-5.52586]&\$[3.94018]&\$[-0.421293]&\$[10.4556]&
TREATED
\$[16.8289]&\$[0.403797]&\$[-1.32761]&\$[-10.4378]&\$[-3.76272]&
SAMPLE 5
NORMAL
\$[-2.549]&\$[-5.33431]&\$[-4.9403]&\$[-3.79308]&\$[-7.74818]&
TREATED
\$[-0.590908]&\$[1.03742]&\$[12.8542]&\$[3.25778]&\$[-1.32351]&
SAMPLE 6
NORMAL
\$[4.03703]&\$[2.2254]&\$[-0.706916]&\$[1.64233]&\$[5.86381]&
TREATED
\$[5.87172]&\$[17.3263]&\$[-2.20948]&\$[2.21406]&\$[-3.70083]&
SAMPLE 7
NORMAL
\$[22.2771]&\$[-5.11281]&\$[1.46071]&\$[5.08947]&\$[8.56459]&
TREATED
\$[2.25352]&\$[5.99786]&\$[9.3102]&\$[15.5637]&\$[21.556]&
SAMPLE 8
NORMAL
\$[-4.4362]&\$[-0.617318]&\$[5.29543]&\$[2.75521]&\$[-6.37106]&
TREATED
\$[3.86314]&\$[4.27236]&\$[2.16603]&\$[5.40063]&\$[5.83377]&
SAMPLE 9
NORMAL
\$[-5.8022]&\$[8.56937]&\$[-0.845082]&\$[-3.31956]&\$[2.73909]&
TREATED
\$[0.433321]&\$[-4.5621]&\$[-14.6155]&\$[11.9286]&\$[-4.25679]&
SAMPLE 10
NORMAL
\$[-2.61435]&\$[-0.744747]&\$[-2.97761]&\$[-2.24561]&\$[2.00988]&
TREATED
\$[-8.26239]&\$[-6.06253]&\$[-2.80138]&\$[-5.59814]&\$[-8.9602]&

CH19B004
alpha = 0.00838179
FWER = 0.205419
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[7.97707]&\$[-3.82962]&\$[-6.02829]&\$[9.0038]&\$[5.37031]&

TREATED
\$[3.10919]&,\$[1.1335]&,\$[4.46328]&,\$[4.78941]&,\$[4.61076]&
SAMPLE 2
NORMAL
\$[4.59014]&,\$[0.963639]&,\$[7.51693]&,\$[5.89284]&,\$[-8.5726]&
TREATED
\$[-3.41999]&,\$[13.45]&,\$[5.39145]&,\$[7.66745]&,\$[15.9592]&
SAMPLE 3
NORMAL
\$[-0.21685]&,\$[8.07909]&,\$[6.9324]&,\$[2.57411]&,\$[-9.79201]&
TREATED
\$[2.82795]&,\$[4.19681]&,\$[-3.40457]&,\$[3.94559]&,\$[6.02792]&
SAMPLE 4
NORMAL
\$[4.62442]&,\$[-3.39012]&,\$[-5.40268]&,\$[1.70713]&,\$[0.867671]&
TREATED
\$[-1.66452]&,\$[1.75004]&,\$[3.35919]&,\$[-0.556538]&,\$[4.51495]&
SAMPLE 5
NORMAL
\$[2.45255]&,\$[14.8634]&,\$[8.16002]&,\$[11.0666]&,\$[-1.11145]&
TREATED
\$[-0.549044]&,\$[1.73621]&,\$[2.7174]&,\$[2.33085]&,\$[9.86633]&
SAMPLE 6
NORMAL
\$[-1.22867]&,\$[4.67513]&,\$[6.39147]&,\$[4.88266]&,\$[1.68172]&
TREATED
\$[1.29711]&,\$[-0.770999]&,\$[2.10338]&,\$[-0.565656]&,\$[-0.146356]&
SAMPLE 7
NORMAL
\$[-3.78404]&,\$[-4.43439]&,\$[5.13034]&,\$[0.829568]&,\$[1.99157]&
TREATED
\$[6.45451]&,\$[8.40665]&,\$[-8.06151]&,\$[0.682579]&,\$[-10.2267]&
SAMPLE 8
NORMAL
\$[5.05174]&,\$[5.71651]&,\$[-8.29064]&,\$[-4.69359]&,\$[5.72286]&
TREATED
\$[1.70401]&,\$[0.677784]&,\$[4.5816]&,\$[2.22758]&,\$[5.58584]&
SAMPLE 9
NORMAL
\$[8.04164]&,\$[4.24305]&,\$[4.69215]&,\$[0.0130554]&,\$[9.86884]&
TREATED
\$[31.8998]&,\$[-0.77885]&,\$[-5.80923]&,\$[3.91558]&,\$[9.32004]&
SAMPLE 10
NORMAL
\$[7.08923]&,\$[-6.81401]&,\$[8.81311]&,\$[25.6555]&,\$[12.4322]&
TREATED
\$[4.02958]&,\$[5.79086]&,\$[4.13128]&,\$[6.68436]&,\$[5.16038]&

CH19B007
alpha = 0.0452757
FWER = 0.35768
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1

NORMAL
\$[1.89234]&\$[2.98458]&\$[-0.914941]&\$[0.293842]&\$[-1.87467]&
TREATED
\$[3.81584]&\$[6.40637]&\$[6.73702]&\$[5.60901]&\$[6.57595]&
SAMPLE 2
NORMAL
\$[8.07361]&\$[10.9032]&\$[7.88809]&\$[18.7156]&\$[-7.8624]&
TREATED
\$[7.41815]&\$[21.7996]&\$[18.3326]&\$[5.52478]&\$[11.9026]&
SAMPLE 3
NORMAL
\$[0.714969]&\$[8.99791]&\$[-2.90359]&\$[3.2549]&\$[-1.83041]&
TREATED
\$[-21.5664]&\$[5.15397]&\$[-8.80264]&\$[0.986351]&\$[0.803843]&
SAMPLE 4
NORMAL
\$[10.2521]&\$[16.6178]&\$[12.8667]&\$[13.5975]&\$[-1.57249]&
TREATED
\$[0.765364]&\$[10.1806]&\$[22.1219]&\$[-2.51095]&\$[18.2754]&
SAMPLE 5
NORMAL
\$[3.79325]&\$[5.23448]&\$[0.432896]&\$[8.64108]&\$[1.25424]&
TREATED
\$[-1.56665]&\$[-3.38628]&\$[-4.97449]&\$[12.1172]&\$[7.25536]&
SAMPLE 6
NORMAL
\$[5.07923]&\$[0.960768]&\$[23.7815]&\$[-3.9039]&\$[-3.39935]&
TREATED
\$[-11.9616]&\$[9.5591]&\$[10.4907]&\$[9.45849]&\$[10.8627]&
SAMPLE 7
NORMAL
\$[-2.67457]&\$[-7.6997]&\$[-3.18414]&\$[3.05568]&\$[-0.186069]&
TREATED
\$[-14.0854]&\$[8.4807]&\$[2.97587]&\$[-5.96939]&\$[6.30273]&
SAMPLE 8
NORMAL
\$[-1.88359]&\$[-7.10917]&\$[0.710686]&\$[3.00192]&\$[6.19555]&
TREATED
\$[-0.761355]&\$[-7.63867]&\$[3.52483]&\$[11.6819]&\$[-11.5486]&
SAMPLE 9
NORMAL
\$[10.6628]&\$[17.9463]&\$[-4.79989]&\$[18.1221]&\$[8.99536]&
TREATED
\$[-4.46884]&\$[-1.01273]&\$[-22.6285]&\$[5.87553]&\$[3.44761]&
SAMPLE 10
NORMAL
\$[2.91675]&\$[-6.19082]&\$[10.195]&\$[-4.26399]&\$[-15.2911]&
TREATED
\$[8.10507]&\$[3.69421]&\$[12.2473]&\$[22.2289]&\$[14.5234]&

CH19B008
alpha = 0.0328124
FWER = 0.286528

SAMPLE FOR TTEST : SAMPLE no. 2

SAMPLE 1

NORMAL

\$[0.304953]&\$[-0.0166714]&\$[3.46011]&\$[7.25228]&\$[3.44423]&
TREATED

\$[11.7207]&\$[-0.0410114]&\$[-0.556004]&\$[7.28771]&\$[10.4117]&

SAMPLE 2

NORMAL

\$[-1.60836]&\$[6.74822]&\$[-0.664138]&\$[-15.0155]&\$[1.8556]&
TREATED

\$[13.5088]&\$[-8.39232]&\$[12.5274]&\$[8.37135]&\$[6.03373]&

SAMPLE 3

NORMAL

\$[16.1538]&\$[1.45132]&\$[10.4614]&\$[12.786]&\$[8.62125]&

TREATED

\$[10.8614]&\$[5.30491]&\$[12.1502]&\$[14.0691]&\$[-0.0324063]&

SAMPLE 4

NORMAL

\$[0.879766]&\$[5.02467]&\$[1.1216]&\$[-3.69152]&\$[-10.5251]&

TREATED

\$[4.66676]&\$[-0.211156]&\$[-1.74721]&\$[1.72505]&\$[2.87314]&

SAMPLE 5

NORMAL

\$[3.09965]&\$[-9.2807]&\$[10.4919]&\$[-10.2045]&\$[21.9369]&

TREATED

\$[5.17008]&\$[8.67543]&\$[15.3933]&\$[-0.0376721]&\$[10.3523]&

SAMPLE 6

NORMAL

\$[2.7486]&\$[0.939126]&\$[3.73871]&\$[0.979529]&\$[5.781]&

TREATED

\$[-2.5393]&\$[4.89421]&\$[1.22203]&\$[2.58398]&\$[-1.78517]&

SAMPLE 7

NORMAL

\$[16.4466]&\$[-10.7439]&\$[18.2965]&\$[9.21502]&\$[12.515]&

TREATED

\$[1.95648]&\$[4.51746]&\$[-1.65624]&\$[5.03897]&\$[-0.710594]&

SAMPLE 8

NORMAL

\$[-1.32476]&\$[3.45675]&\$[3.37491]&\$[-5.17456]&\$[7.37472]&

TREATED

\$[-3.08173]&\$[-26.1476]&\$[10.8785]&\$[-11.954]&\$[8.09962]&

SAMPLE 9

NORMAL

\$[3.5215]&\$[7.85607]&\$[-5.05491]&\$[-4.56858]&\$[4.28225]&

TREATED

\$[-5.80919]&\$[-3.93105]&\$[1.19076]&\$[11.4069]&\$[2.11379]&

SAMPLE 10

NORMAL

\$[1.26862]&\$[-3.70446]&\$[10.24]&\$[-0.152505]&\$[14.6588]&

TREATED

\$[21.7886]&\$[-12.8771]&\$[7.48707]&\$[-6.07053]&\$[3.29101]&

CH19B010

alpha = 0.0131124
FWER = 0.301487

SAMPLE FOR TTEST : SAMPLE no. 8

SAMPLE 1

NORMAL

\$[6.97944]&\$[8.10915]&\$[1.09692]&\$[-6.34584]&\$[18.3712]&

TREATED

\$[4.48919]&\$[3.62624]&\$[3.97605]&\$[8.36225]&\$[5.55322]&

SAMPLE 2

NORMAL

\$[0.403291]&\$[-7.21161]&\$[8.8523]&\$[17.5581]&\$[-5.82671]&

TREATED

\$[0.710712]&\$[-3.07986]&\$[-3.29115]&\$[-0.634678]&\$[11.286]&

SAMPLE 3

NORMAL

\$[-0.54199]&\$[14.5236]&\$[-16.1428]&\$[0.157169]&\$[-2.00577]&

TREATED

\$[-17.2751]&\$[-3.67128]&\$[11.2408]&\$[-19.1381]&\$[6.05894]&

SAMPLE 4

NORMAL

\$[3.73599]&\$[3.13907]&\$[2.93683]&\$[4.5306]&\$[3.77724]&

TREATED

\$[-8.45788]&\$[-2.37399]&\$[-2.16778]&\$[2.28477]&\$[13.3495]&

SAMPLE 5

NORMAL

\$[0.500655]&\$[-5.09174]&\$[4.02303]&\$[-3.32975]&\$[-5.57658]&

TREATED

\$[-1.41421]&\$[-1.72671]&\$[4.39376]&\$[-16.4963]&\$[9.45743]&

SAMPLE 6

NORMAL

\$[7.5549]&\$[14.2381]&\$[-6.88624]&\$[16.0456]&\$[-6.87794]&

TREATED

\$[10.7467]&\$[9.60878]&\$[20.5642]&\$[-1.70164]&\$[6.3203]&

SAMPLE 7

NORMAL

\$[18.6071]&\$[23.7893]&\$[3.90193]&\$[9.1226]&\$[-7.25013]&

TREATED

\$[1.05166]&\$[-0.254973]&\$[-0.630499]&\$[-4.63398]&\$[4.79117]&

SAMPLE 8

NORMAL

\$[0.637973]&\$[0.742066]&\$[0.329161]&\$[-2.21312]&\$[0.0297394]&

TREATED

\$[9.58173]&\$[0.814128]&\$[3.44103]&\$[0.65148]&\$[9.87088]&

SAMPLE 9

NORMAL

\$[11.116]&\$[-4.5749]&\$[4.17356]&\$[8.2066]&\$[5.25274]&

TREATED

\$[10.2666]&\$[5.34209]&\$[5.85966]&\$[-3.09324]&\$[2.77171]&

SAMPLE 10

NORMAL

\$[5.48572]&\$[5.59441]&\$[-7.01583]&\$[12.9877]&\$[2.91778]&

TREATED

\$[2.49225]&\$[15.294]&\$[1.04407]&\$[6.84211]&\$[13.2954]&

CH19B015

alpha = 0.00420581

FWER = 0.382339

SAMPLE FOR TTEST : SAMPLE no. 3

SAMPLE 1

NORMAL

\$[-0.831143]&\$[-2.58669]&\$[5.88993]&\$[6.94293]&\$[15.6972]&

TREATED

\$[11.881]&\$[2.21797]&\$[7.10561]&\$[6.45475]&\$[-5.12241]&

SAMPLE 2

NORMAL

\$[9.10265]&\$[-10.8876]&\$[-1.1057]&\$[-10.521]&\$[-18.5537]&

TREATED

\$[6.07615]&\$[2.1505]&\$[3.55445]&\$[2.30345]&\$[4.02793]&

SAMPLE 3

NORMAL

\$[4.25163]&\$[5.37995]&\$[3.09837]&\$[-6.63691]&\$[-11.0154]&

TREATED

\$[6.70434]&\$[8.1804]&\$[2.83781]&\$[2.94099]&\$[6.96244]&

SAMPLE 4

NORMAL

\$[1.81362]&\$[7.7842]&\$[4.62655]&\$[-15.2429]&\$[10.059]&

TREATED

\$[6.79028]&\$[6.29773]&\$[12.3621]&\$[-2.91878]&\$[-1.1478]&

SAMPLE 5

NORMAL

\$[17.9108]&\$[-2.50688]&\$[-15.7645]&\$[6.11803]&\$[5.04469]&

TREATED

\$[-1.97176]&\$[10.4214]&\$[-1.44726]&\$[3.81768]&\$[-4.84078]&

SAMPLE 6

NORMAL

\$[-0.810044]&\$[2.34153]&\$[14.1566]&\$[21.9634]&\$[11.683]&

TREATED

\$[2.67414]&\$[-3.62957]&\$[14.9]&\$[8.91797]&\$[-5.07559]&

SAMPLE 7

NORMAL

\$[-5.65206]&\$[1.54003]&\$[7.28116]&\$[10.923]&\$[-14.3414]&

TREATED

\$[-3.15606]&\$[-6.50759]&\$[1.78685]&\$[13.6991]&\$[0.353883]&

SAMPLE 8

NORMAL

\$[-1.38009]&\$[0.26408]&\$[0.251212]&\$[6.80815]&\$[7.97787]&

TREATED

\$[3.54882]&\$[3.1388]&\$[3.68653]&\$[4.3315]&\$[-0.0655378]&

SAMPLE 9

NORMAL

\$[-0.160927]&\$[-0.0444653]&\$[1.95123]&\$[-11.3212]&\$[4.05966]&

TREATED

\$[-0.442995]&\$[2.53848]&\$[2.35916]&\$[4.20255]&\$[3.35203]&

SAMPLE 10

NORMAL

\$[13.6203]&\$[7.9821]&\$[16.181]&\$[-10.0133]&\$[-5.50444]&

TREATED

\$[-11.2133]&\$[2.91244]&\$[-0.328135]&\$[-5.21766]&\$[-1.14781]&

CH19B019

alpha = 0.015747

FWER = 0.225051

SAMPLE FOR TTEST : SAMPLE no. 3

SAMPLE 1

NORMAL

\$[3.42444]&\$[6.75981]&\$[0.957842]&\$[14.1897]&\$[11.0296]&

TREATED

\$[-15.3997]&\$[-4.18938]&\$[13.9056]&\$[-2.38316]&\$[21.78]&

SAMPLE 2

NORMAL

\$[7.93037]&\$[2.77332]&\$[-1.97849]&\$[5.439]&\$[-7.44985]&

TREATED

\$[6.5232]&\$[7.91193]&\$[-4.67508]&\$[7.54668]&\$[7.04703]&

SAMPLE 3

NORMAL

\$[10.9146]&\$[4.5274]&\$[8.9867]&\$[4.87393]&\$[-11.0431]&

TREATED

\$[7.72893]&\$[3.27599]&\$[15.5296]&\$[-2.85156]&\$[15.4731]&

SAMPLE 4

NORMAL

\$[0.0127361]&\$[0.875773]&\$[18.041]&\$[-4.12473]&\$[1.86961]&

TREATED

\$[22.8538]&\$[10.3902]&\$[-3.8045]&\$[18.0616]&\$[11.6164]&

SAMPLE 5

NORMAL

\$[-8.08206]&\$[10.1822]&\$[5.48428]&\$[5.18237]&\$[8.08176]&

TREATED

\$[-2.90741]&\$[7.31368]&\$[2.82623]&\$[7.07534]&\$[1.84143]&

SAMPLE 6

NORMAL

\$[15.9031]&\$[7.71895]&\$[-1.42375]&\$[10.924]&\$[-3.90636]&

TREATED

\$[6.32895]&\$[0.825284]&\$[-2.19015]&\$[-1.57779]&\$[-7.0172]&

SAMPLE 7

NORMAL

\$[4.75284]&\$[-3.78195]&\$[5.81386]&\$[3.78815]&\$[3.41673]&

TREATED

\$[1.21705]&\$[5.18527]&\$[1.99058]&\$[5.16064]&\$[3.44103]&

SAMPLE 8

NORMAL

\$[8.05853]&\$[0.818143]&\$[-1.10019]&\$[1.24421]&\$[2.45557]&

TREATED

\$[-2.80476]&\$[4.64314]&\$[24.7679]&\$[6.33891]&\$[-4.32864]&

SAMPLE 9

NORMAL

\$[-0.537581]&\$[0.690094]&\$[7.83334]&\$[-3.89073]&\$[13.4776]&

TREATED

\$[4.0405]&\$[-0.853976]&\$[-1.43434]&\$[0.545778]&\$[-1.88259]&

SAMPLE 10

NORMAL

\$[1.00335]&\$[-2.14666]&\$[6.55235]&\$[-16.1696]&\$[-2.15847]&
TREATED
\$[0.799972]&\$[5.65516]&\$[6.35121]&\$[5.62801]&\$[3.46223]&

CH19B026

alpha = 0.0389786

FWER = 0.212808

SAMPLE FOR TTEST : SAMPLE no. 2

SAMPLE 1

NORMAL

\$[-1.1907]&\$[15.0362]&\$[14.3528]&\$[17.5917]&\$[12.2212]&
TREATED

\$[8.41861]&\$[1.70857]&\$[2.4165]&\$[6.42503]&\$[17.5486]&

SAMPLE 2

NORMAL

\$[0.454931]&\$[-0.580887]&\$[-4.80422]&\$[-0.000967854]&\$[-0.967976]&
TREATED

\$[-0.261539]&\$[-0.336213]&\$[2.17584]&\$[8.39535]&\$[4.65541]&

SAMPLE 3

NORMAL

\$[1.07145]&\$[8.04452]&\$[4.07008]&\$[16.4101]&\$[10.8545]&
TREATED

\$[18.715]&\$[14.4491]&\$[-8.50496]&\$[-5.20776]&\$[-2.94742]&

SAMPLE 4

NORMAL

\$[2.67109]&\$[-16.2903]&\$[-1.19709]&\$[1.68047]&\$[17.6767]&
TREATED

\$[0.453945]&\$[-0.438117]&\$[3.63022]&\$[12.0479]&\$[5.76297]&

SAMPLE 5

NORMAL

\$[6.55166]&\$[3.95105]&\$[4.91543]&\$[1.40273]&\$[6.74591]&
TREATED

\$[2.31662]&\$[2.41268]&\$[2.13284]&\$[1.0836]&\$[1.75729]&

SAMPLE 6

NORMAL

\$[6.98956]&\$[1.13666]&\$[10.134]&\$[12.629]&\$[4.63346]&
TREATED

\$[10.0882]&\$[-11.4276]&\$[12.561]&\$[-0.498649]&\$[2.32084]&

SAMPLE 7

NORMAL

\$[-0.672741]&\$[3.95463]&\$[1.23282]&\$[-0.376508]&\$[1.29621]&
TREATED

\$[16.1977]&\$[-4.04091]&\$[16.2288]&\$[21.8594]&\$[-3.80133]&

SAMPLE 8

NORMAL

\$[9.28135]&\$[13.1148]&\$[-2.16749]&\$[2.32591]&\$[-0.987447]&
TREATED

\$[4.91068]&\$[7.49151]&\$[-6.71167]&\$[1.61859]&\$[2.83621]&

SAMPLE 9

NORMAL

\$[-3.18369]&\$[-6.52735]&\$[0.447436]&\$[-3.48055]&\$[17.4425]&
TREATED

\$[9.84941]&\$[-2.0249]&\$[13.83]&\$[6.91676]&\$[11.9364]&

SAMPLE 10

NORMAL

\$[4.97355]&\$[3.13371]&\$[6.00906]&\$[-2.36207]&\$[-11.1056]&
TREATED
\$[0.413929]&\$[-10.2087]&\$[5.91353]&\$[-0.939811]&\$[-3.98359]&

CH19B028

alpha = 0.0223131

FWER = 0.232123

SAMPLE FOR TTEST : SAMPLE no. 7

SAMPLE 1

NORMAL

\$[-4.51958]&\$[4.0038]&\$[4.95249]&\$[2.09861]&\$[-2.30412]&
TREATED

\$[-1.58243]&\$[13.694]&\$[1.14532]&\$[1.63581]&\$[3.9283]&
SAMPLE 2

NORMAL

\$[-1.61859]&\$[0.279449]&\$[-5.26552]&\$[-7.38261]&\$[3.72758]&
TREATED

\$[2.0368]&\$[8.93871]&\$[1.41583]&\$[-3.38847]&\$[-10.3817]&
SAMPLE 3

NORMAL

\$[-0.410562]&\$[6.05285]&\$[-15.8085]&\$[5.16201]&\$[-2.68708]&
TREATED

\$[1.74049]&\$[8.07302]&\$[7.89961]&\$[7.08279]&\$[-6.42025]&
SAMPLE 4

NORMAL

\$[0.316076]&\$[-12.2921]&\$[5.70474]&\$[2.46961]&\$[6.85981]&
TREATED

\$[-0.157635]&\$[0.782216]&\$[-1.45534]&\$[2.09626]&\$[1.06396]&
SAMPLE 5

NORMAL

\$[2.68395]&\$[2.44337]&\$[2.67725]&\$[3.97873]&\$[2.94871]&
TREATED

\$[10.0646]&\$[-6.4667]&\$[9.36811]&\$[8.27246]&\$[-2.87228]&
SAMPLE 6

NORMAL

\$[3.23378]&\$[2.30275]&\$[9.15526]&\$[-3.05172]&\$[10.2621]&
TREATED

\$[16.4401]&\$[-0.424613]&\$[-6.55989]&\$[-1.83167]&\$[1.60111]&
SAMPLE 7

NORMAL

\$[13.2321]&\$[18.9575]&\$[7.44223]&\$[-1.89826]&\$[6.2552]&
TREATED

\$[1.60871]&\$[-16.1046]&\$[-2.33062]&\$[-13.5702]&\$[-5.7645]&
SAMPLE 8

NORMAL

\$[7.2317]&\$[4.17372]&\$[8.02753]&\$[8.73253]&\$[-3.82449]&
TREATED

\$[-2.96913]&\$[16.9243]&\$[8.53583]&\$[-0.186016]&\$[13.3198]&
SAMPLE 9

NORMAL

\$[1.65985]&\$[1.83396]&\$[-6.91187]&\$[0.81372]&\$[1.50242]&

TREATED
\$[15.2496]&\$[1.93968]&\$[1.6099]&\$[8.86454]&\$[1.75408]&
SAMPLE 10
NORMAL
\$[4.20002]&\$[5.9302]&\$[4.18008]&\$[4.16272]&\$[6.04173]&
TREATED
\$[-16.3606]&\$[7.78174]&\$[-8.42182]&\$[7.88029]&\$[12.4757]&

CH19B034
alpha = 0.0377145
FWER = 0.351151
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[-8.2373]&\$[3.35668]&\$[5.31393]&\$[5.20876]&\$[21.1902]&
TREATED
\$[10.3978]&\$[1.9775]&\$[7.13596]&\$[5.87956]&\$[-2.0663]&
SAMPLE 2
NORMAL
\$[9.30627]&\$[0.0163671]&\$[4.89757]&\$[7.53835]&\$[-5.60168]&
TREATED
\$[8.54539]&\$[-6.82669]&\$[22.8439]&\$[1.23078]&\$[-2.20528]&
SAMPLE 3
NORMAL
\$[1.07588]&\$[0.00667531]&\$[2.62699]&\$[0.057916]&\$[1.88403]&
TREATED
\$[7.1856]&\$[14.7976]&\$[11.6932]&\$[-0.308098]&\$[-11.5698]&
SAMPLE 4
NORMAL
\$[31.313]&\$[9.41175]&\$[15.5217]&\$[-1.63873]&\$[-0.173365]&
TREATED
\$[-0.278199]&\$[0.467384]&\$[1.7506]&\$[-4.79555]&\$[0.546842]&
SAMPLE 5
NORMAL
\$[-2.2513]&\$[-8.26717]&\$[0.300956]&\$[-6.10677]&\$[-1.76363]&
TREATED
\$[5.93267]&\$[23.0421]&\$[6.58215]&\$[7.0302]&\$[7.61301]&
SAMPLE 6
NORMAL
\$[-3.72076]&\$[-2.94466]&\$[4.79387]&\$[-3.46579]&\$[10.0758]&
TREATED
\$[2.67427]&\$[-2.45941]&\$[5.31483]&\$[-1.35393]&\$[4.70323]&
SAMPLE 7
NORMAL
\$[8.54159]&\$[14.3846]&\$[-6.26627]&\$[-12.3]&\$[18.3814]&
TREATED
\$[0.94176]&\$[-0.136705]&\$[-9.61489]&\$[13.9332]&\$[8.54488]&
SAMPLE 8
NORMAL
\$[3.362]&\$[4.15859]&\$[4.4111]&\$[-1.78603]&\$[0.771915]&
TREATED
\$[15.3797]&\$[7.23304]&\$[9.01118]&\$[7.06607]&\$[10.1291]&
SAMPLE 9

NORMAL
\$[-13.7013]&\$[-9.71192]&\$[-3.43203]&\$[-2.81614]&\$[12.7676]&
TREATED
\$[1.07035]&\$[9.7616]&\$[3.57588]&\$[-0.269497]&\$[12.6765]&
SAMPLE 10
NORMAL
\$[5.39704]&\$[-1.86496]&\$[5.92098]&\$[6.36661]&\$[4.82179]&
TREATED
\$[30.8705]&\$[-0.849431]&\$[19.038]&\$[-7.31046]&\$[1.37455]&

CH19B049
alpha = 0.0116436
FWER = 0.251467
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[14.5104]&\$[2.304]&\$[-20.3565]&\$[7.91741]&\$[0.197841]&
TREATED
\$[-1.72459]&\$[4.67279]&\$[1.39616]&\$[8.68592]&\$[5.25111]&
SAMPLE 2
NORMAL
\$[-1.59585]&\$[5.17259]&\$[-0.281411]&\$[0.0270098]&\$[1.74654]&
TREATED
\$[6.79175]&\$[3.81443]&\$[0.965863]&\$[-0.470228]&\$[-6.66283]&
SAMPLE 3
NORMAL
\$[-14.4722]&\$[0.588181]&\$[4.95315]&\$[13.6623]&\$[0.140751]&
TREATED
\$[2.39868]&\$[-2.60886]&\$[8.94086]&\$[-3.90134]&\$[1.39356]&
SAMPLE 4
NORMAL
\$[12.8858]&\$[-19.3795]&\$[0.077356]&\$[-4.4311]&\$[2.85221]&
TREATED
\$[16.7548]&\$[5.38874]&\$[-8.84625]&\$[5.24608]&\$[-0.788972]&
SAMPLE 5
NORMAL
\$[0.651461]&\$[8.55588]&\$[8.00215]&\$[-0.93399]&\$[8.06679]&
TREATED
\$[5.30196]&\$[3.86952]&\$[7.318]&\$[0.731482]&\$[3.2967]&
SAMPLE 6
NORMAL
\$[8.00471]&\$[4.70966]&\$[1.41102]&\$[7.1893]&\$[2.41802]&
TREATED
\$[-3.05274]&\$[1.03955]&\$[11.8328]&\$[0.556163]&\$[14.1901]&
SAMPLE 7
NORMAL
\$[-5.07887]&\$[-0.7909]&\$[-2.34061]&\$[4.59322]&\$[6.77422]&
TREATED
\$[-4.30724]&\$[5.65962]&\$[-1.57811]&\$[-2.14801]&\$[5.78578]&
SAMPLE 8
NORMAL
\$[12.8076]&\$[7.38309]&\$[1.46117]&\$[-2.70478]&\$[11.9933]&
TREATED

\$[5.16215]&\$[-0.987901]&\$[4.22472]&\$[4.47873]&\$[5.14983]&
SAMPLE 9
NORMAL
\$[5.49844]&\$[0.894016]&\$[2.76336]&\$[3.29359]&\$[-9.52931]&
TREATED
\$[3.98606]&\$[-3.43561]&\$[-15.0384]&\$[5.63657]&\$[8.35722]&
SAMPLE 10
NORMAL
\$[6.51606]&\$[10.7083]&\$[-3.45484]&\$[-8.44873]&\$[3.535]&
TREATED
\$[-0.678912]&\$[-10.7161]&\$[0.696473]&\$[2.28056]&\$[8.51962]&

CH19B051
alpha = 0.0142079
FWER = 0.210057
SAMPLE FOR TTEST : SAMPLE no. 6

SAMPLE 1
NORMAL
\$[-2.42983]&\$[-5.96695]&\$[12.6793]&\$[-6.45955]&\$[13.6232]&
TREATED
\$[17.4671]&\$[2.07229]&\$[16.0483]&\$[18.6489]&\$[2.44387]&
SAMPLE 2
NORMAL
\$[10.0724]&\$[0.733158]&\$[14.3044]&\$[-7.20402]&\$[2.5445]&
TREATED
\$[7.33601]&\$[10.4235]&\$[2.02632]&\$[-2.19981]&\$[-5.98783]&
SAMPLE 3
NORMAL
\$[-5.25043]&\$[5.2531]&\$[-8.60736]&\$[-20.7893]&\$[4.08259]&
TREATED
\$[2.00903]&\$[-0.7696]&\$[-5.69528]&\$[2.49373]&\$[6.47907]&
SAMPLE 4
NORMAL
\$[2.07186]&\$[-0.022101]&\$[3.43185]&\$[4.80646]&\$[0.246735]&
TREATED
\$[0.239965]&\$[-1.78921]&\$[-4.70239]&\$[-1.01181]&\$[12.0626]&
SAMPLE 5
NORMAL
\$[16.5235]&\$[5.55447]&\$[2.73304]&\$[16.7978]&\$[13.545]&
TREATED
\$[3.83809]&\$[-7.69946]&\$[16.8262]&\$[-3.21356]&\$[-8.4169]&
SAMPLE 6
NORMAL
\$[5.54134]&\$[11.6762]&\$[7.29239]&\$[12.2606]&\$[0.857329]&
TREATED
\$[-3.18935]&\$[8.53958]&\$[-1.05253]&\$[-8.99251]&\$[3.55034]&
SAMPLE 7
NORMAL
\$[8.85715]&\$[-6.30148]&\$[12.6778]&\$[-2.12791]&\$[-1.5832]&
TREATED
\$[4.31694]&\$[4.00656]&\$[8.14109]&\$[-3.04048]&\$[8.53584]&
SAMPLE 8
NORMAL

\$[10.015]&,\$[6.35714]&,\$[13.2442]&,\$[-9.05182]&,\$[14.9438]&
TREATED
\$[-3.27591]&,\$[-1.00699]&,\$[1.36796]&,\$[2.72984]&,\$[2.67889]&
SAMPLE 9
NORMAL
\$[-5.56758]&,\$[2.86556]&,\$[0.782449]&,\$[-8.44474]&,\$[15.4548]&
TREATED
\$[-6.70579]&,\$[18.11186]&,\$[-5.49128]&,\$[-13.4079]&,\$[-5.63448]&
SAMPLE 10
NORMAL
\$[2.36665]&,\$[4.2237]&,\$[2.47481]&,\$[3.31514]&,\$[6.71564]&
TREATED
\$[4.69895]&,\$[3.08899]&,\$[5.88138]&,\$[2.98403]&,\$[3.04416]&

CH19B052
alpha = 0.0355266
FWER = 0.385606
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[-5.91731]&,\$[5.30972]&,\$[-1.16002]&,\$[16.6218]&,\$[-7.84867]&
TREATED
\$[-7.05748]&,\$[-3.96334]&,\$[6.51055]&,\$[10.9673]&,\$[-17.4325]&
SAMPLE 2
NORMAL
\$[7.61715]&,\$[-1.34938]&,\$[-3.85021]&,\$[5.42561]&,\$[2.66283]&
TREATED
\$[4.84317]&,\$[-0.887739]&,\$[-4.15032]&,\$[-0.164072]&,\$[-2.44099]&
SAMPLE 3
NORMAL
\$[0.322483]&,\$[-0.195598]&,\$[-2.49848]&,\$[3.60634]&,\$[-0.344668]&
TREATED
\$[-26.537]&,\$[-14.4811]&,\$[-12.304]&,\$[3.76057]&,\$[8.35195]&
SAMPLE 4
NORMAL
\$[13.6355]&,\$[-2.73829]&,\$[2.17562]&,\$[16.4991]&,\$[-8.43431]&
TREATED
\$[-7.12953]&,\$[3.83948]&,\$[-4.24609]&,\$[-2.42892]&,\$[-5.04889]&
SAMPLE 5
NORMAL
\$[-6.43589]&,\$[1.24047]&,\$[-2.83713]&,\$[5.1574]&,\$[-2.55951]&
TREATED
\$[15.8608]&,\$[-11.7272]&,\$[6.41626]&,\$[5.66657]&,\$[10.1076]&
SAMPLE 6
NORMAL
\$[-2.02017]&,\$[6.37719]&,\$[3.94083]&,\$[-0.239343]&,\$[1.25928]&
TREATED
\$[5.81668]&,\$[0.260901]&,\$[4.15774]&,\$[-0.527552]&,\$[9.85661]&
SAMPLE 7
NORMAL
\$[7.16429]&,\$[5.75798]&,\$[4.47156]&,\$[5.32683]&,\$[4.23516]&
TREATED
\$[0.0230862]&,\$[11.9796]&,\$[-8.158]&,\$[-4.93028]&,\$[0.366452]&

SAMPLE 8

NORMAL

\$[1.79345]&,\$[-12.2149]&,\$[3.17313]&,\$[24.2924]&,\$[2.95308]&

TREATED

\$[7.14933]&,\$[9.77556]&,\$[-6.39561]&,\$[-0.465657]&,\$[1.74093]&

SAMPLE 9

NORMAL

\$[6.71472]&,\$[3.82489]&,\$[1.82842]&,\$[7.03478]&,\$[2.04632]&

TREATED

\$[3.96069]&,\$[-3.09357]&,\$[4.334]&,\$[1.74868]&,\$[1.63605]&

SAMPLE 10

NORMAL

\$[9.70645]&,\$[7.30986]&,\$[4.5461]&,\$[9.26868]&,\$[1.26096]&

TREATED

\$[-4.99977]&,\$[-1.00776]&,\$[9.40767]&,\$[8.46374]&,\$[3.72423]&

CH19B053

alpha = 0.00958052

FWER = 0.268963

SAMPLE FOR TTEST : SAMPLE no. 8

SAMPLE 1

NORMAL

\$[7.862]&,\$[0.940517]&,\$[5.13413]&,\$[5.56731]&,\$[3.97912]&

TREATED

\$[23.3944]&,\$[3.97386]&,\$[7.47709]&,\$[1.21169]&,\$[7.76685]&

SAMPLE 2

NORMAL

\$[2.46335]&,\$[11.6354]&,\$[-3.52458]&,\$[15.2207]&,\$[0.361045]&

TREATED

\$[-1.29139]&,\$[2.50765]&,\$[5.79715]&,\$[-2.95385]&,\$[-6.25959]&

SAMPLE 3

NORMAL

\$[0.0200975]&,\$[-3.10245]&,\$[1.0971]&,\$[6.66598]&,\$[-0.875654]&

TREATED

\$[3.45454]&,\$[4.05366]&,\$[1.58597]&,\$[10.5086]&,\$[-0.0548481]&

SAMPLE 4

NORMAL

\$[-3.63021]&,\$[0.492088]&,\$[-11.4336]&,\$[-7.61448]&,\$[5.56758]&

TREATED

\$[-5.50391]&,\$[3.1351]&,\$[1.96672]&,\$[-7.2156]&,\$[-0.764703]&

SAMPLE 5

NORMAL

\$[-0.850921]&,\$[-0.667518]&,\$[-0.538688]&,\$[4.12597]&,\$[0.786559]&

TREATED

\$[2.73608]&,\$[8.95259]&,\$[-4.44649]&,\$[1.82543]&,\$[3.48176]&

SAMPLE 6

NORMAL

\$[12.8388]&,\$[-8.74953]&,\$[-5.36365]&,\$[2.55598]&,\$[0.506445]&

TREATED

\$[11.3352]&,\$[-8.04732]&,\$[-2.48264]&,\$[12.5765]&,\$[-15.3006]&

SAMPLE 7

NORMAL

\$[1.01138]&,\$[4.51176]&,\$[-1.52392]&,\$[1.77563]&,\$[5.58922]&

TREATED
\$[8.52451]&\$[4.34424]&\$[4.26467]&\$[2.29653]&\$[1.34737]&
SAMPLE 8
NORMAL
\$[7.6156]&\$[-5.56807]&\$[0.656813]&\$[5.43089]&\$[-0.654791]&
TREATED
\$[11.8546]&\$[-0.25682]&\$[2.37403]&\$[19.9586]&\$[3.65543]&
SAMPLE 9
NORMAL
\$[5.1747]&\$[-2.25453]&\$[14.2154]&\$[10.0419]&\$[10.0283]&
TREATED
\$[0.943752]&\$[17.7599]&\$[1.90234]&\$[13.5851]&\$[-1.58201]&
SAMPLE 10
NORMAL
\$[-4.01182]&\$[-9.64215]&\$[20.4865]&\$[12.7799]&\$[-7.30792]&
TREATED
\$[4.8628]&\$[5.77169]&\$[3.37983]&\$[5.85143]&\$[3.51497]&

CH19B055
alpha = 0.0113138
FWER = 0.326241
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[-6.93317]&\$[1.52714]&\$[-3.5774]&\$[6.23187]&\$[-8.26239]&
TREATED
\$[4.41779]&\$[2.72783]&\$[-1.47369]&\$[-2.58351]&\$[0.553054]&
SAMPLE 2
NORMAL
\$[-3.79642]&\$[-12.104]&\$[0.526872]&\$[9.75623]&\$[0.320282]&
TREATED
\$[7.92682]&\$[-7.58474]&\$[0.894726]&\$[-5.5988]&\$[7.21011]&
SAMPLE 3
NORMAL
\$[18.6438]&\$[20.9167]&\$[-12.8908]&\$[7.54326]&\$[15.0779]&
TREATED
\$[-1.43734]&\$[0.766724]&\$[2.79767]&\$[8.41795]&\$[-1.48193]&
SAMPLE 4
NORMAL
\$[1.68016]&\$[5.39284]&\$[-1.18102]&\$[2.54723]&\$[3.18065]&
TREATED
\$[1.30255]&\$[1.17206]&\$[6.14736]&\$[0.804149]&\$[-1.1219]&
SAMPLE 5
NORMAL
\$[0.0329539]&\$[24.8713]&\$[14.5696]&\$[25.1868]&\$[-3.04193]&
TREATED
\$[7.01817]&\$[15.0641]&\$[0.55999]&\$[-4.79558]&\$[9.28352]&
SAMPLE 6
NORMAL
\$[14.3805]&\$[-18.5085]&\$[-9.2173]&\$[-4.79489]&\$[2.85929]&
TREATED
\$[-0.212348]&\$[-3.7201]&\$[-9.2042]&\$[9.38718]&\$[-10.2816]&
SAMPLE 7

NORMAL
\$[-4.06912]&\$[6.62029]&\$[-14.1536]&\$[12.3713]&\$[-5.77504]&
TREATED
\$[-7.19204]&\$[-1.33248]&\$[4.43561]&\$[6.88234]&\$[-7.31671]&
SAMPLE 8
NORMAL
\$[0.824667]&\$[18.2913]&\$[3.36128]&\$[0.16301]&\$[-0.214715]&
TREATED
\$[2.57511]&\$[5.66874]&\$[-1.4893]&\$[4.64093]&\$[1.4107]&
SAMPLE 9
NORMAL
\$[-7.701]&\$[-4.20834]&\$[9.97016]&\$[1.9373]&\$[8.8601]&
TREATED
\$[16.6447]&\$[2.43703]&\$[2.41382]&\$[6.93413]&\$[6.46933]&
SAMPLE 10
NORMAL
\$[7.57805]&\$[-12.3564]&\$[-5.56936]&\$[0.71092]&\$[13.7424]&
TREATED
\$[14.6684]&\$[10.3566]&\$[5.20647]&\$[6.71513]&\$[1.51941]&

CH19B056
alpha = 0.0217658
FWER = 0.240068
SAMPLE FOR TTEST : SAMPLE no. 6
SAMPLE 1
NORMAL
\$[-0.213211]&\$[-1.46816]&\$[3.11657]&\$[8.57815]&\$[7.93102]&
TREATED
\$[6.96158]&\$[5.01662]&\$[6.42453]&\$[17.4817]&\$[-5.65238]&
SAMPLE 2
NORMAL
\$[17.1694]&\$[-5.73226]&\$[3.13704]&\$[10.2016]&\$[5.40536]&
TREATED
\$[-10.0204]&\$[-1.06085]&\$[-2.10945]&\$[-0.267747]&\$[-0.715213]&
SAMPLE 3
NORMAL
\$[0.497241]&\$[12.6329]&\$[3.10167]&\$[14.4626]&\$[10.6515]&
TREATED
\$[11.4053]&\$[12.3152]&\$[-7.11903]&\$[-3.16486]&\$[2.09528]&
SAMPLE 4
NORMAL
\$[-7.34447]&\$[1.63263]&\$[-2.52161]&\$[2.0017]&\$[6.2589]&
TREATED
\$[14.9238]&\$[8.78154]&\$[-5.96757]&\$[-3.48465]&\$[8.83378]&
SAMPLE 5
NORMAL
\$[4.73804]&\$[-10.5028]&\$[-10.558]&\$[7.56438]&\$[-0.315544]&
TREATED
\$[-1.62959]&\$[13.0906]&\$[-11.1616]&\$[11.293]&\$[3.98012]&
SAMPLE 6
NORMAL
\$[-1.10226]&\$[7.28698]&\$[0.636538]&\$[9.57476]&\$[5.81858]&
TREATED

\$[6.11961]&\$[5.72193]&\$[7.85123]&\$[8.74999]&\$[9.9336]&
SAMPLE 7
NORMAL
\$[-9.68962]&\$[5.65246]&\$[0.974302]&\$[4.99665]&\$[8.98288]&
TREATED
\$[3.55537]&\$[-0.704519]&\$[6.41539]&\$[3.5231]&\$[8.66153]&
SAMPLE 8
NORMAL
\$[5.07842]&\$[2.58127]&\$[4.61331]&\$[2.05299]&\$[2.7793]&
TREATED
\$[4.00018]&\$[7.04136]&\$[-1.9898]&\$[7.31205]&\$[-0.522009]&
SAMPLE 9
NORMAL
\$[6.82357]&\$[-3.95916]&\$[10.0811]&\$[-1.69931]&\$[3.72669]&
TREATED
\$[-13.0501]&\$[21.9606]&\$[-5.08381]&\$[21.2981]&\$[13.2662]&
SAMPLE 10
NORMAL
\$[6.59265]&\$[7.6006]&\$[-0.722148]&\$[3.57097]&\$[4.80729]&
TREATED
\$[6.67627]&\$[-4.38451]&\$[-1.24007]&\$[-4.13281]&\$[0.306405]&

CH19B057
alpha = 0.0398902
FWER = 0.299247
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[-1.88512]&\$[3.53727]&\$[4.10942]&\$[1.93915]&\$[2.569]&
TREATED
\$[-3.35032]&\$[6.56816]&\$[-6.17505]&\$[6.7613]&\$[-6.26736]&
SAMPLE 2
NORMAL
\$[2.55957]&\$[-0.0582791]&\$[-2.3765]&\$[-3.43659]&\$[5.48307]&
TREATED
\$[-2.48892]&\$[7.44975]&\$[-0.495667]&\$[-2.0098]&\$[2.33936]&
SAMPLE 3
NORMAL
\$[2.71879]&\$[8.38268]&\$[11.1385]&\$[4.90927]&\$[3.60999]&
TREATED
\$[3.45965]&\$[1.10071]&\$[9.44607]&\$[-0.149482]&\$[4.47933]&
SAMPLE 4
NORMAL
\$[1.76505]&\$[-6.05453]&\$[16.0942]&\$[17.5123]&\$[-0.132676]&
TREATED
\$[-4.87284]&\$[-0.527362]&\$[-7.16176]&\$[1.63655]&\$[4.70834]&
SAMPLE 5
NORMAL
\$[-1.49118]&\$[4.4946]&\$[6.1283]&\$[-6.16593]&\$[4.77803]&
TREATED
\$[-7.31518]&\$[-10.0236]&\$[-3.752]&\$[6.98884]&\$[15.8574]&
SAMPLE 6
NORMAL

\$[4.27241]&\$[1.02205]&\$[-5.76686]&\$[8.34648]&\$[2.78898]&
TREATED
\$[-5.85197]&\$[-3.92983]&\$[3.22068]&\$[-6.80256]&\$[-12.6311]&
SAMPLE 7
NORMAL
\$[11.074]&\$[16.51]&\$[0.12223]&\$[9.20006]&\$[1.21116]&
TREATED
\$[-2.23275]&\$[13.1365]&\$[4.57423]&\$[2.38925]&\$[14.6146]&
SAMPLE 8
NORMAL
\$[-4.62262]&\$[10.3607]&\$[-7.42521]&\$[-7.83841]&\$[-7.54244]&
TREATED
\$[5.73827]&\$[7.38572]&\$[5.18125]&\$[-0.901761]&\$[8.62098]&
SAMPLE 9
NORMAL
\$[8.51498]&\$[2.31651]&\$[9.6308]&\$[6.43645]&\$[6.11655]&
TREATED
\$[-4.82171]&\$[8.40264]&\$[4.74739]&\$[5.82313]&\$[10.2428]&
SAMPLE 10
NORMAL
\$[3.8453]&\$[5.223]&\$[4.14703]&\$[27.5274]&\$[7.44037]&
TREATED
\$[11.7622]&\$[6.09936]&\$[-0.47156]&\$[5.70304]&\$[-5.52336]&

CH19B059
alpha = 0.00298622
FWER = 0.247729
SAMPLE FOR TTEST : SAMPLE no. 6
SAMPLE 1
NORMAL
\$[-1.6657]&\$[14.9977]&\$[7.47704]&\$[-0.273041]&\$[0.502739]&
TREATED
\$[4.66852]&\$[3.98876]&\$[1.9833]&\$[1.03818]&\$[-0.286878]&
SAMPLE 2
NORMAL
\$[-4.81295]&\$[6.79622]&\$[0.385471]&\$[5.91282]&\$[5.31722]&
TREATED
\$[-5.65586]&\$[6.54839]&\$[-7.0925]&\$[2.79054]&\$[7.32115]&
SAMPLE 3
NORMAL
\$[15.907]&\$[-1.34422]&\$[7.73158]&\$[5.86244]&\$[13.6636]&
TREATED
\$[0.579145]&\$[4.56149]&\$[4.26559]&\$[4.41165]&\$[9.23062]&
SAMPLE 4
NORMAL
\$[-2.23981]&\$[1.09202]&\$[-1.84466]&\$[-13.227]&\$[-4.61665]&
TREATED
\$[6.46835]&\$[-4.26805]&\$[-12.3516]&\$[7.39366]&\$[-10.1037]&
SAMPLE 5
NORMAL
\$[16.9795]&\$[-0.982688]&\$[-2.12593]&\$[-0.253465]&\$[0.532481]&
TREATED
\$[1.72612]&\$[-3.7625]&\$[1.2845]&\$[3.62122]&\$[6.39302]&

SAMPLE 6
NORMAL
\$[1.36585]&\$[-1.53622]&\$[-6.81296]&\$[8.56453]&\$[9.6141]&
TREATED
\$[-1.06078]&\$[2.01938]&\$[8.18639]&\$[2.63357]&\$[-1.20316]&
SAMPLE 7
NORMAL
\$[-3.40001]&\$[-5.56611]&\$[-0.0857753]&\$[-2.56102]&\$[5.41058]&
TREATED
\$[0.601991]&\$[11.0761]&\$[-18.6069]&\$[16.5836]&\$[-4.51019]&
SAMPLE 8
NORMAL
\$[-1.00509]&\$[11.4306]&\$[6.37134]&\$[10.1357]&\$[8.25423]&
TREATED
\$[20.7172]&\$[-4.93321]&\$[10.2746]&\$[1.86565]&\$[3.63806]&
SAMPLE 9
NORMAL
\$[-4.243]&\$[3.49905]&\$[4.20092]&\$[7.60776]&\$[4.51476]&
TREATED
\$[1.1002]&\$[-1.76528]&\$[0.583165]&\$[3.5679]&\$[19.5356]&
SAMPLE 10
NORMAL
\$[-7.45055]&\$[11.8965]&\$[-8.17958]&\$[12.3897]&\$[-7.47246]&
TREATED
\$[7.25898]&\$[4.59699]&\$[1.00727]&\$[-3.8212]&\$[4.05202]&

CH19B064
alpha = 0.0407656
FWER = 0.373023
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[2.79551]&\$[0.186108]&\$[-9.97209]&\$[4.36815]&\$[6.65647]&
TREATED
\$[7.13287]&\$[0.353668]&\$[5.48784]&\$[4.25952]&\$[8.52165]&
SAMPLE 2
NORMAL
\$[7.39069]&\$[4.40056]&\$[4.20768]&\$[2.19324]&\$[5.03]&
TREATED
\$[11.2457]&\$[-0.582496]&\$[-3.77617]&\$[-1.03528]&\$[1.27332]&
SAMPLE 3
NORMAL
\$[7.88848]&\$[3.51623]&\$[1.13004]&\$[4.07087]&\$[4.51471]&
TREATED
\$[2.38732]&\$[8.234]&\$[20.4677]&\$[2.00332]&\$[-19.9949]&
SAMPLE 4
NORMAL
\$[-0.463489]&\$[18.547]&\$[7.27185]&\$[-2.16456]&\$[3.13065]&
TREATED
\$[9.71736]&\$[4.02497]&\$[3.8465]&\$[6.15524]&\$[3.07026]&
SAMPLE 5
NORMAL
\$[7.59848]&\$[0.625284]&\$[3.20865]&\$[1.85764]&\$[-1.53274]&

TREATED
\$[8.95097]&,\$[8.64132]&,\$[1.5894]&,\$[14.2744]&,\$[-2.3644]&
SAMPLE 6
NORMAL
\$[-0.569552]&,\$[1.41448]&,\$[14.1341]&,\$[-3.2103]&,\$[-8.89316]&
TREATED
\$[-2.64558]&,\$[-5.26474]&,\$[-8.56962]&,\$[12.1484]&,\$[5.52798]&
SAMPLE 7
NORMAL
\$[-9.40695]&,\$[3.98869]&,\$[-1.10284]&,\$[1.10577]&,\$[7.66297]&
TREATED
\$[9.17589]&,\$[2.47661]&,\$[7.99972]&,\$[0.223701]&,\$[14.266]&
SAMPLE 8
NORMAL
\$[4.28054]&,\$[-23.6902]&,\$[-6.29594]&,\$[4.35345]&,\$[2.61742]&
TREATED
\$[-0.886667]&,\$[0.016989]&,\$[-4.43427]&,\$[2.04542]&,\$[-4.09739]&
SAMPLE 9
NORMAL
\$[-6.03554]&,\$[-4.90385]&,\$[6.50607]&,\$[-1.76141]&,\$[9.73851]&
TREATED
\$[13.5142]&,\$[6.80703]&,\$[4.43295]&,\$[10.7467]&,\$[7.5759]&
SAMPLE 10
NORMAL
\$[-8.92308]&,\$[-3.98602]&,\$[12.9983]&,\$[3.50714]&,\$[16.6237]&
TREATED
\$[-0.874245]&,\$[0.431972]&,\$[0.0787674]&,\$[3.55762]&,\$[0.373381]&

CH19B068
alpha = 0.0385597
FWER = 0.221142
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[4.95467]&,\$[1.44568]&,\$[11.1627]&,\$[12.0818]&,\$[16.5617]&
TREATED
\$[-1.77622]&,\$[3.71011]&,\$[-1.14632]&,\$[-1.37499]&,\$[-1.09662]&
SAMPLE 2
NORMAL
\$[7.02147]&,\$[3.1492]&,\$[1.83097]&,\$[-1.9518]&,\$[-2.06958]&
TREATED
\$[0.969116]&,\$[-5.40941]&,\$[-0.490001]&,\$[7.25338]&,\$[-2.25275]&
SAMPLE 3
NORMAL
\$[1.31639]&,\$[9.65666]&,\$[3.9933]&,\$[-4.80732]&,\$[0.510143]&
TREATED
\$[0.13862]&,\$[17.3109]&,\$[-2.62205]&,\$[6.63089]&,\$[17.6926]&
SAMPLE 4
NORMAL
\$[16.5609]&,\$[0.0340019]&,\$[8.0376]&,\$[8.70496]&,\$[-6.27693]&
TREATED
\$[5.93746]&,\$[0.0181698]&,\$[7.49281]&,\$[0.0112938]&,\$[2.47182]&
SAMPLE 5

NORMAL
\$[1.55248]&\$[-1.53969]&\$[-1.53108]&\$[5.25797]&\$[1.2866]&
TREATED
\$[21.3633]&\$[4.34743]&\$[13.232]&\$[-4.29741]&\$[-8.0675]&
SAMPLE 6
NORMAL
\$[-3.50367]&\$[-2.29056]&\$[-1.12102]&\$[3.30373]&\$[-7.97578]&
TREATED
\$[0.250404]&\$[6.19182]&\$[12.1063]&\$[17.7919]&\$[-8.88531]&
SAMPLE 7
NORMAL
\$[8.96944]&\$[-4.47016]&\$[-6.62538]&\$[-1.2191]&\$[3.95664]&
TREATED
\$[1.9984]&\$[2.38551]&\$[4.35036]&\$[4.00674]&\$[2.16881]&
SAMPLE 8
NORMAL
\$[6.75633]&\$[-2.11392]&\$[10.0799]&\$[9.20856]&\$[-1.57949]&
TREATED
\$[-1.66099]&\$[16.0699]&\$[6.66818]&\$[-0.955427]&\$[4.10796]&
SAMPLE 9
NORMAL
\$[-2.51485]&\$[2.34479]&\$[16.2835]&\$[-20.9528]&\$[-17.4453]&
TREATED
\$[-10.3116]&\$[-8.40777]&\$[-11.0572]&\$[17.2004]&\$[5.08126]&
SAMPLE 10
NORMAL
\$[4.25356]&\$[-4.22767]&\$[-4.63019]&\$[7.07408]&\$[15.4578]&
TREATED
\$[-7.83226]&\$[-9.51293]&\$[1.37285]&\$[4.24672]&\$[-4.16421]&

CH19B071
alpha = 0.0238919
FWER = 0.356445
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[-2.03559]&\$[7.44712]&\$[-4.02317]&\$[1.2324]&\$[-2.86529]&
TREATED
\$[1.16076]&\$[-6.55935]&\$[-9.03172]&\$[10.1424]&\$[-0.701598]&
SAMPLE 2
NORMAL
\$[5.38545]&\$[0.919088]&\$[-0.856816]&\$[6.54237]&\$[4.13697]&
TREATED
\$[-0.690558]&\$[2.10807]&\$[-2.05138]&\$[0.975909]&\$[12.6188]&
SAMPLE 3
NORMAL
\$[13.6951]&\$[19.6397]&\$[-15.9979]&\$[15.3263]&\$[0.930086]&
TREATED
\$[5.50381]&\$[11.0622]&\$[4.9891]&\$[4.19359]&\$[19.0682]&
SAMPLE 4
NORMAL
\$[-1.46834]&\$[2.09614]&\$[2.85409]&\$[0.987959]&\$[1.5801]&
TREATED

\$[-0.316997]&,\$[2.93578]&,\$[0.935191]&,\$[3.63532]&,\$[4.85706]&
SAMPLE 5
NORMAL
\$[0.232693]&,\$[6.5788]&,\$[-2.70763]&,\$[10.6576]&,\$[-11.2266]&
TREATED
\$[5.70651]&,\$[4.39835]&,\$[6.38826]&,\$[2.71605]&,\$[6.5051]&
SAMPLE 6
NORMAL
\$[4.08034]&,\$[5.99389]&,\$[2.72144]&,\$[6.14665]&,\$[6.33747]&
TREATED
\$[5.70054]&,\$[14.3848]&,\$[2.03565]&,\$[5.21724]&,\$[-0.856614]&
SAMPLE 7
NORMAL
\$[10.4712]&,\$[12.6813]&,\$[-2.66924]&,\$[1.72668]&,\$[5.8484]&
TREATED
\$[7.68896]&,\$[4.01188]&,\$[5.08705]&,\$[5.38412]&,\$[4.29151]&
SAMPLE 8
NORMAL
\$[1.01588]&,\$[-0.759085]&,\$[-3.46081]&,\$[-2.03832]&,\$[1.89229]&
TREATED
\$[10.9957]&,\$[-1.07619]&,\$[8.83949]&,\$[-0.00401069]&,\$[5.78087]&
SAMPLE 9
NORMAL
\$[-0.105716]&,\$[7.39295]&,\$[2.6631]&,\$[-2.696]&,\$[7.42013]&
TREATED
\$[10.0612]&,\$[2.90782]&,\$[3.55967]&,\$[-2.63636]&,\$[9.29983]&
SAMPLE 10
NORMAL
\$[-3.56188]&,\$[-1.40638]&,\$[6.96607]&,\$[2.55751]&,\$[-2.48411]&
TREATED
\$[5.68844]&,\$[-0.367017]&,\$[13.1962]&,\$[19.7609]&,\$[5.60501]&

CH19B073
alpha = 0.0348483
FWER = 0.297269
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[10.174]&,\$[7.72636]&,\$[8.07295]&,\$[11.6843]&,\$[-9.14315]&
TREATED
\$[-0.727465]&,\$[0.983321]&,\$[4.15469]&,\$[3.62284]&,\$[4.00264]&
SAMPLE 2
NORMAL
\$[-17.8056]&,\$[9.63535]&,\$[-0.0706557]&,\$[4.31507]&,\$[-5.48669]&
TREATED
\$[3.71826]&,\$[8.79615]&,\$[5.74549]&,\$[1.13862]&,\$[-1.35494]&
SAMPLE 3
NORMAL
\$[-2.01703]&,\$[3.42324]&,\$[0.126547]&,\$[0.675567]&,\$[-5.69538]&
TREATED
\$[5.12708]&,\$[3.83559]&,\$[15.701]&,\$[-6.81909]&,\$[-0.063741]&
SAMPLE 4
NORMAL

\$[4.18689]&\$[8.01427]&\$[-11.2794]&\$[14.4886]&\$[4.19366]&
TREATED
\$[-0.254355]&\$[3.06555]&\$[3.49921]&\$[3.38125]&\$[1.61575]&
SAMPLE 5
NORMAL
\$[-1.33716]&\$[-0.559617]&\$[2.28239]&\$[4.5672]&\$[3.05188]&
TREATED
\$[17.0545]&\$[10.7879]&\$[-2.25721]&\$[-2.7395]&\$[5.08005]&
SAMPLE 6
NORMAL
\$[-8.42382]&\$[1.24636]&\$[-12.8415]&\$[5.5675]&\$[12.5884]&
TREATED
\$[3.58346]&\$[5.58877]&\$[-5.40072]&\$[-2.11722]&\$[4.78554]&
SAMPLE 7
NORMAL
\$[-7.70475]&\$[-2.91045]&\$[-2.02353]&\$[-5.31093]&\$[5.77092]&
TREATED
\$[4.31963]&\$[7.24695]&\$[0.735105]&\$[3.36362]&\$[1.86563]&
SAMPLE 8
NORMAL
\$[2.4244]&\$[3.14359]&\$[-7.56747]&\$[4.30755]&\$[-4.89858]&
TREATED
\$[-1.98201]&\$[9.62648]&\$[-2.52873]&\$[-0.755428]&\$[12.0371]&
SAMPLE 9
NORMAL
\$[-1.83729]&\$[17.8377]&\$[-0.170852]&\$[3.33213]&\$[2.77921]&
TREATED
\$[2.25314]&\$[6.55465]&\$[8.45433]&\$[1.31878]&\$[6.36347]&
SAMPLE 10
NORMAL
\$[0.849056]&\$[1.07304]&\$[-0.589148]&\$[0.310234]&\$[1.82622]&
TREATED
\$[3.12305]&\$[22.5389]&\$[2.98047]&\$[-2.34091]&\$[7.16164]&

CH19B074
alpha = 0.0262821
FWER = 0.240221
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[-10.6454]&\$[14.0342]&\$[-11.7586]&\$[-12.7469]&\$[-3.43601]&
TREATED
\$[2.13224]&\$[-5.39903]&\$[4.9696]&\$[-3.84635]&\$[11.9301]&
SAMPLE 2
NORMAL
\$[3.02874]&\$[-10.2554]&\$[14.3984]&\$[7.69049]&\$[6.26188]&
TREATED
\$[11.4819]&\$[-13.0913]&\$[7.16313]&\$[6.6316]&\$[-2.29541]&
SAMPLE 3
NORMAL
\$[1.50404]&\$[0.504026]&\$[2.79918]&\$[2.40201]&\$[5.3308]&
TREATED
\$[-1.26495]&\$[6.16026]&\$[4.98036]&\$[4.61422]&\$[3.74687]&

SAMPLE 4
NORMAL
\$[-4.31362]&\$[-7.61193]&\$[2.97107]&\$[-4.29334]&\$[8.9224]&
TREATED
\$[0.158293]&\$[3.11291]&\$[2.87913]&\$[4.41739]&\$[4.98582]&
SAMPLE 5
NORMAL
\$[2.43681]&\$[9.38654]&\$[13.785]&\$[-1.97946]&\$[8.90811]&
TREATED
\$[7.03439]&\$[1.64945]&\$[3.12635]&\$[3.24527]&\$[3.85159]&
SAMPLE 6
NORMAL
\$[-5.51306]&\$[-16.3512]&\$[0.808727]&\$[-10.1144]&\$[7.75854]&
TREATED
\$[9.53149]&\$[17.4618]&\$[-3.85945]&\$[-7.5614]&\$[5.77476]&
SAMPLE 7
NORMAL
\$[11.1083]&\$[4.47689]&\$[-9.77182]&\$[9.44062]&\$[0.708228]&
TREATED
\$[0.121226]&\$[12.8451]&\$[4.33]&\$[3.34297]&\$[0.989531]&
SAMPLE 8
NORMAL
\$[13.7369]&\$[-2.09161]&\$[0.654381]&\$[0.0416731]&\$[2.14942]&
TREATED
\$[-1.10502]&\$[-9.2911]&\$[2.10862]&\$[-8.73413]&\$[0.612887]&
SAMPLE 9
NORMAL
\$[-4.48046]&\$[5.78773]&\$[0.59677]&\$[11.4097]&\$[-1.31381]&
TREATED
\$[-5.2299]&\$[8.85855]&\$[3.0717]&\$[1.57154]&\$[-1.86454]&
SAMPLE 10
NORMAL
\$[5.31953]&\$[6.93437]&\$[7.56814]&\$[0.540464]&\$[-1.58245]&
TREATED
\$[7.55495]&\$[7.99235]&\$[-10.7591]&\$[1.75972]&\$[6.93208]&

CH19B076
alpha = 0.040829
FWER = 0.370392
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[12.6947]&\$[-3.59131]&\$[-9.79043]&\$[7.54073]&\$[-12.8307]&
TREATED
\$[5.29243]&\$[-3.89268]&\$[-0.580919]&\$[-0.0137455]&\$[-5.15516]&
SAMPLE 2
NORMAL
\$[-2.37268]&\$[3.73003]&\$[2.48715]&\$[-2.97463]&\$[10.1252]&
TREATED
\$[-3.48071]&\$[14.1266]&\$[-11.609]&\$[13.8939]&\$[5.08172]&
SAMPLE 3
NORMAL
\$[6.436]&\$[-12.0402]&\$[11.7662]&\$[21.4006]&\$[13.6482]&

TREATED
\$[5.63142]&,\$[4.51136]&,\$[6.79032]&,\$[-5.26848]&,\$[6.93428]&
SAMPLE 4
NORMAL
\$[7.61558]&,\$[-11.4864]&,\$[-2.15141]&,\$[0.125854]&,\$[-4.62465]&
TREATED
\$[-2.10769]&,\$[12.798]&,\$[-2.60861]&,\$[-12.5823]&,\$[13.8365]&
SAMPLE 5
NORMAL
\$[-3.31672]&,\$[-6.89906]&,\$[11.7294]&,\$[3.31302]&,\$[-1.1555]&
TREATED
\$[2.08674]&,\$[-14.9333]&,\$[0.988076]&,\$[6.07843]&,\$[-0.434982]&
SAMPLE 6
NORMAL
\$[-1.98871]&,\$[-0.558124]&,\$[4.03961]&,\$[5.84341]&,\$[-6.91668]&
TREATED
\$[16.1205]&,\$[-3.80412]&,\$[17.4933]&,\$[0.2189]&,\$[5.49563]&
SAMPLE 7
NORMAL
\$[5.07066]&,\$[8.86914]&,\$[5.89804]&,\$[1.27145]&,\$[4.21797]&
TREATED
\$[5.79995]&,\$[-2.7672]&,\$[22.7327]&,\$[12.5982]&,\$[3.85616]&
SAMPLE 8
NORMAL
\$[5.15492]&,\$[3.43415]&,\$[2.37221]&,\$[2.41457]&,\$[1.38793]&
TREATED
\$[2.64545]&,\$[-7.20434]&,\$[-3.50043]&,\$[-10.7312]&,\$[-5.3077]&
SAMPLE 9
NORMAL
\$[7.61587]&,\$[10.1376]&,\$[4.18112]&,\$[-3.74098]&,\$[3.22937]&
TREATED
\$[25.3571]&,\$[17.7773]&,\$[-20.8669]&,\$[9.6062]&,\$[-3.60044]&
SAMPLE 10
NORMAL
\$[3.07227]&,\$[4.06648]&,\$[4.70115]&,\$[1.36274]&,\$[-0.967911]&
TREATED
\$[0.0633574]&,\$[8.028]&,\$[2.75982]&,\$[3.47758]&,\$[-1.01886]&

CH19B080
alpha = 0.0178793
FWER = 0.304166
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[-4.16725]&,\$[-2.71787]&,\$[-17.1088]&,\$[-11.052]&,\$[11.9212]&
TREATED
\$[0.283408]&,\$[-21.1398]&,\$[2.31185]&,\$[-20.6564]&,\$[-7.08499]&
SAMPLE 2
NORMAL
\$[0.981994]&,\$[0.56997]&,\$[1.18038]&,\$[-2.05795]&,\$[1.95491]&
TREATED
\$[-2.90688]&,\$[6.5273]&,\$[4.03402]&,\$[2.83934]&,\$[10.8646]&
SAMPLE 3

NORMAL
\$[2.49771]&\$[18.6546]&\$[-2.24817]&\$[16.6341]&\$[-4.81622]&
TREATED
\$[-2.15195]&\$[10.056]&\$[-2.30192]&\$[8.85522]&\$[-0.875488]&
SAMPLE 4
NORMAL
\$[-1.31326]&\$[3.88985]&\$[3.42784]&\$[-7.10423]&\$[2.33792]&
TREATED
\$[-11.5622]&\$[-0.936753]&\$[10.0479]&\$[1.20625]&\$[-4.05059]&
SAMPLE 5
NORMAL
\$[12.8659]&\$[-10.4166]&\$[-2.62104]&\$[-3.84115]&\$[-2.21516]&
TREATED
\$[-1.9468]&\$[-1.91716]&\$[0.748198]&\$[-7.67416]&\$[15.8582]&
SAMPLE 6
NORMAL
\$[2.49554]&\$[20.5263]&\$[-6.19009]&\$[-1.0459]&\$[7.69405]&
TREATED
\$[-5.3135]&\$[-4.03968]&\$[-4.64132]&\$[4.49311]&\$[-7.63041]&
SAMPLE 7
NORMAL
\$[2.85137]&\$[-0.0244265]&\$[2.81257]&\$[-0.215264]&\$[3.39961]&
TREATED
\$[-0.0204146]&\$[1.91887]&\$[1.41969]&\$[1.02165]&\$[2.5638]&
SAMPLE 8
NORMAL
\$[7.65084]&\$[-4.18051]&\$[5.05719]&\$[-0.435591]&\$[6.64958]&
TREATED
\$[3.7975]&\$[-5.37657]&\$[-0.828224]&\$[-2.28137]&\$[0.90353]&
SAMPLE 9
NORMAL
\$[4.69023]&\$[16.3201]&\$[5.39591]&\$[13.3087]&\$[2.69418]&
TREATED
\$[6.56949]&\$[3.28797]&\$[8.15673]&\$[4.24785]&\$[-0.629355]&
SAMPLE 10
NORMAL
\$[7.36024]&\$[-1.08638]&\$[11.6118]&\$[-4.61596]&\$[-8.353]&
TREATED
\$[7.66147]&\$[9.47678]&\$[10.7558]&\$[9.64037]&\$[3.62545]&

CH19B083
alpha = 0.0259324
FWER = 0.245969
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[4.78958]&\$[5.47622]&\$[-2.9536]&\$[3.44593]&\$[-1.6217]&
TREATED
\$[19.0742]&\$[7.7027]&\$[-11.7328]&\$[2.71584]&\$[-10.2505]&
SAMPLE 2
NORMAL
\$[1.10874]&\$[12.6523]&\$[-4.15754]&\$[-12.6719]&\$[3.4263]&
TREATED

\$[10.01]&\$[-11.8626]&\$[6.14799]&\$[8.37122]&\$[-17.4821]&
SAMPLE 3
NORMAL
\$[9.19688]&\$[4.11223]&\$[6.33268]&\$[11.9932]&\$[-2.90866]&
TREATED
\$[0.138888]&\$[0.513215]&\$[5.3743]&\$[9.95779]&\$[4.77184]&
SAMPLE 4
NORMAL
\$[1.7082]&\$[0.555549]&\$[3.2481]&\$[5.09818]&\$[1.43149]&
TREATED
\$[-0.720197]&\$[8.30715]&\$[-2.17175]&\$[0.158523]&\$[0.774231]&
SAMPLE 5
NORMAL
\$[7.23861]&\$[6.8195]&\$[10.1601]&\$[2.82082]&\$[8.11872]&
TREATED
\$[2.51082]&\$[2.60467]&\$[5.99292]&\$[2.85283]&\$[4.84619]&
SAMPLE 6
NORMAL
\$[6.45833]&\$[4.70663]&\$[0.414444]&\$[3.83305]&\$[5.15734]&
TREATED
\$[11.6023]&\$[-7.41431]&\$[10.3044]&\$[-9.30199]&\$[-5.28451]&
SAMPLE 7
NORMAL
\$[5.39597]&\$[5.79388]&\$[5.18724]&\$[3.13959]&\$[3.70589]&
TREATED
\$[0.623303]&\$[1.9253]&\$[7.93002]&\$[-3.18942]&\$[-0.430933]&
SAMPLE 8
NORMAL
\$[0.150207]&\$[4.4754]&\$[2.31803]&\$[-0.16383]&\$[2.56337]&
TREATED
\$[8.69395]&\$[-4.80482]&\$[14.4979]&\$[3.76523]&\$[-4.2242]&
SAMPLE 9
NORMAL
\$[-4.04723]&\$[2.59583]&\$[10.6659]&\$[7.39815]&\$[11.6549]&
TREATED
\$[11.1276]&\$[0.907892]&\$[11.1303]&\$[3.09457]&\$[-13.2434]&
SAMPLE 10
NORMAL
\$[-9.94511]&\$[16.0223]&\$[6.74716]&\$[-6.12051]&\$[-0.885347]&
TREATED
\$[3.42335]&\$[11.7384]&\$[1.75944]&\$[5.77997]&\$[-3.23695]&

CH19B084
alpha = 0.0178257
FWER = 0.279872
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[-2.08344]&\$[5.94539]&\$[5.01395]&\$[-6.0156]&\$[0.919321]&
TREATED
\$[-1.76152]&\$[7.11644]&\$[1.58976]&\$[-2.3784]&\$[-3.79254]&
SAMPLE 2
NORMAL

\$[23.0569]&\$[23.2251]&\$[-0.662802]&\$[3.15025]&\$[4.38724]&
TREATED
\$[-7.05204]&\$[-14.8674]&\$[16.7569]&\$[-0.620535]&\$[7.89012]&
SAMPLE 3
NORMAL
\$[-4.31287]&\$[-3.51039]&\$[4.21698]&\$[-5.35996]&\$[5.7816]&
TREATED
\$[1.08468]&\$[4.52618]&\$[-0.874371]&\$[0.164099]&\$[3.98852]&
SAMPLE 4
NORMAL
\$[2.69139]&\$[5.10122]&\$[7.87343]&\$[3.47168]&\$[8.01726]&
TREATED
\$[4.25906]&\$[2.50943]&\$[-2.25949]&\$[2.33844]&\$[6.6287]&
SAMPLE 5
NORMAL
\$[6.77937]&\$[4.00687]&\$[11.7765]&\$[6.90107]&\$[8.65459]&
TREATED
\$[14.3086]&\$[-1.31991]&\$[12.0207]&\$[4.75744]&\$[-5.02528]&
SAMPLE 6
NORMAL
\$[10.2871]&\$[3.43027]&\$[11.8043]&\$[0.481255]&\$[-8.55058]&
TREATED
\$[22.3895]&\$[6.41187]&\$[-8.65561]&\$[4.05257]&\$[-2.22693]&
SAMPLE 7
NORMAL
\$[-10.4775]&\$[-1.21282]&\$[9.49285]&\$[10.4772]&\$[11.4941]&
TREATED
\$[16.0411]&\$[-11.4661]&\$[10.5403]&\$[15.378]&\$[12.0561]&
SAMPLE 8
NORMAL
\$[7.53362]&\$[1.37556]&\$[11.2708]&\$[3.19014]&\$[15.4009]&
TREATED
\$[3.16651]&\$[3.72401]&\$[-1.20253]&\$[4.12678]&\$[-2.98838]&
SAMPLE 9
NORMAL
\$[9.46348]&\$[9.03499]&\$[0.587209]&\$[13.8771]&\$[11.5575]&
TREATED
\$[16.2886]&\$[6.68347]&\$[-0.652538]&\$[2.43953]&\$[6.14381]&
SAMPLE 10
NORMAL
\$[3.60996]&\$[12.864]&\$[1.43609]&\$[-2.07636]&\$[1.95888]&
TREATED
\$[7.55445]&\$[5.57716]&\$[0.804123]&\$[0.672841]&\$[3.8422]&

CH19B088

alpha = 0.0163564

FWER = 0.399566

SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1

NORMAL

\$[9.35302]&\$[1.95525]&\$[-5.52213]&\$[2.00143]&\$[-1.64171]&
TREATED
\$[7.21299]&\$[5.92922]&\$[7.65221]&\$[3.26754]&\$[-7.45489]&

SAMPLE 2
NORMAL
\$[7.83104]&\$[10.4739]&\$[-2.4383]&\$[13.5358]&\$[10.5085]&
TREATED
\$[-1.37274]&\$[1.17625]&\$[-6.34268]&\$[-0.209158]&\$[-1.47917]&
SAMPLE 3
NORMAL
\$[0.943014]&\$[0.71453]&\$[1.49569]&\$[1.77224]&\$[-4.11845]&
TREATED
\$[-0.81808]&\$[-7.14759]&\$[3.26132]&\$[11.5364]&\$[7.75109]&
SAMPLE 4
NORMAL
\$[17.1195]&\$[-1.91497]&\$[-1.9621]&\$[2.82276]&\$[-0.167562]&
TREATED
\$[0.259612]&\$[3.1583]&\$[-3.09565]&\$[3.00259]&\$[-1.64482]&
SAMPLE 5
NORMAL
\$[3.51679]&\$[5.66952]&\$[2.86846]&\$[9.96549]&\$[1.50996]&
TREATED
\$[-8.87378]&\$[1.44404]&\$[-2.03715]&\$[5.56515]&\$[-18.8658]&
SAMPLE 6
NORMAL
\$[-6.30503]&\$[-13.2046]&\$[-12.7401]&\$[-8.37825]&\$[-9.8252]&
TREATED
\$[2.28555]&\$[-2.46965]&\$[5.88217]&\$[5.74514]&\$[3.09824]&
SAMPLE 7
NORMAL
\$[2.42105]&\$[6.48701]&\$[4.70663]&\$[3.46717]&\$[3.34446]&
TREATED
\$[8.39698]&\$[7.28965]&\$[12.2963]&\$[10.8721]&\$[2.26296]&
SAMPLE 8
NORMAL
\$[-1.52216]&\$[-4.48062]&\$[15.3946]&\$[-1.21779]&\$[10.8416]&
TREATED
\$[19.2562]&\$[6.16931]&\$[-7.32727]&\$[3.28718]&\$[13.5778]&
SAMPLE 9
NORMAL
\$[-2.68734]&\$[-4.76321]&\$[1.83716]&\$[3.33924]&\$[1.85516]&
TREATED
\$[-1.88347]&\$[11.4504]&\$[5.71347]&\$[8.0396]&\$[15.1006]&
SAMPLE 10
NORMAL
\$[-6.78575]&\$[7.67218]&\$[1.49125]&\$[8.83439]&\$[-1.1998]&
TREATED
\$[2.39777]&\$[-4.00744]&\$[9.4093]&\$[-6.4709]&\$[2.22282]&

CH19B091
alpha = 0.00482758
FWER = 0.273382
SAMPLE FOR TTEST : SAMPLE no. 9
SAMPLE 1
NORMAL
\$[2.05435]&\$[-3.41488]&\$[0.515869]&\$[4.93148]&\$[-1.42847]&

TREATED
\$[20.7597]&,\$[-0.547787]&,\$[24.0273]&,\$[-3.45698]&,\$[-5.06817]&
SAMPLE 2
NORMAL
\$[-2.50584]&,\$[5.14766]&,\$[-12.2231]&,\$[-4.81524]&,\$[-0.318504]&
TREATED
\$[0.132329]&,\$[20.4776]&,\$[-8.84761]&,\$[14.9618]&,\$[-7.0799]&
SAMPLE 3
NORMAL
\$[7.48486]&,\$[14.9493]&,\$[10.4614]&,\$[-7.32809]&,\$[-5.87101]&
TREATED
\$[-0.471523]&,\$[1.71976]&,\$[2.28171]&,\$[24.1639]&,\$[4.27294]&
SAMPLE 4
NORMAL
\$[18.4242]&,\$[-9.49239]&,\$[10.1208]&,\$[9.18108]&,\$[7.7838]&
TREATED
\$[-0.713724]&,\$[3.94693]&,\$[1.24138]&,\$[-4.53999]&,\$[11.6497]&
SAMPLE 5
NORMAL
\$[3.55763]&,\$[5.84857]&,\$[6.96563]&,\$[4.36901]&,\$[2.19612]&
TREATED
\$[-18.2923]&,\$[9.70412]&,\$[2.58931]&,\$[-0.307574]&,\$[2.6876]&
SAMPLE 6
NORMAL
\$[-2.56758]&,\$[-2.49074]&,\$[8.09379]&,\$[19.1431]&,\$[3.58876]&
TREATED
\$[-8.75385]&,\$[-2.41593]&,\$[3.04239]&,\$[-7.68855]&,\$[-1.97992]&
SAMPLE 7
NORMAL
\$[18.1441]&,\$[5.71464]&,\$[24.8886]&,\$[19.8476]&,\$[-2.37507]&
TREATED
\$[17.379]&,\$[4.42187]&,\$[-5.05114]&,\$[13.132]&,\$[5.03074]&
SAMPLE 8
NORMAL
\$[9.57332]&,\$[4.73699]&,\$[10.7407]&,\$[1.6306]&,\$[21.0579]&
TREATED
\$[7.74809]&,\$[4.115]&,\$[14.1415]&,\$[0.105384]&,\$[0.493943]&
SAMPLE 9
NORMAL
\$[10.241]&,\$[-12.5144]&,\$[4.94231]&,\$[-12.1771]&,\$[12.1397]&
TREATED
\$[-0.605625]&,\$[-5.24136]&,\$[5.79656]&,\$[8.02086]&,\$[20.7127]&
SAMPLE 10
NORMAL
\$[3.11606]&,\$[1.29831]&,\$[2.23391]&,\$[3.25677]&,\$[7.85766]&
TREATED
\$[-5.56368]&,\$[6.09337]&,\$[2.9796]&,\$[3.80669]&,\$[-1.41696]&

CH19B092
alpha = 0.046102
FWER = 0.215721
SAMPLE FOR TTEST : SAMPLE no. 9
SAMPLE 1

NORMAL
\$[6.2393]&\$[-4.31342]&\$[0.545979]&\$[-15.5867]&\$[-14.2269]&
TREATED
\$[5.36007]&\$[3.96269]&\$[1.85254]&\$[3.16464]&\$[1.13288]&
SAMPLE 2
NORMAL
\$[-0.856133]&\$[-1.01806]&\$[0.499571]&\$[1.57691]&\$[2.64102]&
TREATED
\$[11.8057]&\$[9.48311]&\$[-3.15118]&\$[15.5283]&\$[21.3406]&
SAMPLE 3
NORMAL
\$[2.16803]&\$[1.59412]&\$[3.13735]&\$[2.34062]&\$[1.48545]&
TREATED
\$[3.32192]&\$[0.699304]&\$[0.882172]&\$[-6.94305]&\$[7.97769]&
SAMPLE 4
NORMAL
\$[2.11605]&\$[-7.07015]&\$[-5.62186]&\$[0.247953]&\$[-0.753744]&
TREATED
\$[3.10463]&\$[2.62396]&\$[5.07408]&\$[14.2232]&\$[0.548873]&
SAMPLE 5
NORMAL
\$[8.36504]&\$[-6.45803]&\$[-1.95313]&\$[10.4943]&\$[5.4365]&
TREATED
\$[10.6038]&\$[8.18285]&\$[2.654]&\$[1.39589]&\$[3.59971]&
SAMPLE 6
NORMAL
\$[19.436]&\$[3.89897]&\$[1.73597]&\$[12.28]&\$[-8.23439]&
TREATED
\$[2.67413]&\$[-1.66517]&\$[0.545183]&\$[4.19242]&\$[11.5307]&
SAMPLE 7
NORMAL
\$[10.0526]&\$[0.643645]&\$[8.39676]&\$[2.85196]&\$[14.7693]&
TREATED
\$[16.9124]&\$[-1.65227]&\$[7.99064]&\$[14.5247]&\$[4.92846]&
SAMPLE 8
NORMAL
\$[11.2545]&\$[-3.88754]&\$[14.1386]&\$[3.54459]&\$[2.25212]&
TREATED
\$[0.555976]&\$[3.27697]&\$[-0.996632]&\$[1.10854]&\$[1.1246]&
SAMPLE 9
NORMAL
\$[3.50134]&\$[3.53107]&\$[2.5885]&\$[2.43377]&\$[2.68292]&
TREATED
\$[6.09918]&\$[1.52228]&\$[10.0738]&\$[26.3907]&\$[4.58248]&
SAMPLE 10
NORMAL
\$[-4.21101]&\$[3.11924]&\$[18.4467]&\$[10.958]&\$[-3.80375]&
TREATED
\$[-10.0207]&\$[2.1485]&\$[4.6485]&\$[2.61769]&\$[1.33762]&

CH19B093

alpha = 0.00811412

FWER = 0.294827

SAMPLE FOR TTEST : SAMPLE no. 9

SAMPLE 1

NORMAL

\$[19.2841]&\$[1.48691]&\$[-0.51143]&\$[-3.99665]&\$[9.42119]&
TREATED

\$[15.4873]&\$[8.46683]&\$[16.87]&\$[11.973]&\$[-10.0868]&

SAMPLE 2

NORMAL

\$[-2.14567]&\$[1.5872]&\$[0.0914742]&\$[3.98347]&\$[0.92339]&
TREATED

\$[7.25909]&\$[-2.73592]&\$[-4.23105]&\$[1.45831]&\$[2.54217]&

SAMPLE 3

NORMAL

\$[5.64132]&\$[2.15807]&\$[3.0106]&\$[8.67847]&\$[3.46669]&
TREATED

\$[9.50667]&\$[9.45006]&\$[14.1406]&\$[4.14714]&\$[-3.99354]&

SAMPLE 4

NORMAL

\$[-8.58022]&\$[-10.0724]&\$[-11.2409]&\$[-2.29931]&\$[0.050259]&
TREATED

\$[20.9772]&\$[-0.886537]&\$[1.01831]&\$[2.70772]&\$[5.0416]&

SAMPLE 5

NORMAL

\$[16.976]&\$[4.91569]&\$[11.5797]&\$[15.7979]&\$[-0.683227]&
TREATED

\$[-7.50511]&\$[-1.47057]&\$[-1.94101]&\$[-0.1299]&\$[4.7965]&

SAMPLE 6

NORMAL

\$[-3.37993]&\$[1.24879]&\$[-9.32711]&\$[1.28043]&\$[-4.6287]&
TREATED

\$[0.293368]&\$[0.759584]&\$[0.645589]&\$[-2.13861]&\$[4.65834]&

SAMPLE 7

NORMAL

\$[0.195254]&\$[-0.833256]&\$[-3.69365]&\$[-0.676074]&\$[-3.83821]&
TREATED

\$[1.43452]&\$[0.791642]&\$[4.83091]&\$[2.68363]&\$[0.783055]&

SAMPLE 8

NORMAL

\$[3.08919]&\$[16.8284]&\$[13.888]&\$[-8.16575]&\$[2.47163]&
TREATED

\$[6.64022]&\$[2.69621]&\$[3.54126]&\$[3.02367]&\$[1.80323]&

SAMPLE 9

NORMAL

\$[-0.65265]&\$[-0.492441]&\$[12.9876]&\$[-12.2738]&\$[-0.700136]&
TREATED

\$[7.93046]&\$[3.92403]&\$[11.9961]&\$[-4.14949]&\$[10.9276]&

SAMPLE 10

NORMAL

\$[3.03194]&\$[2.58129]&\$[4.02214]&\$[-0.184664]&\$[0.216521]&
TREATED

\$[11.8007]&\$[-3.94456]&\$[-7.26921]&\$[15.9561]&\$[-5.04525]&

CH19B098

alpha = 0.0488057
FWER = 0.368962
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[-2.07954]&,\$[4.09777]&,\$[-9.16991]&,\$[2.22824]&,\$[4.37389]&
TREATED
\$[-2.30678]&,\$[-6.64501]&,\$[-0.561066]&,\$[-0.0804122]&,\$[1.12418]&
SAMPLE 2
NORMAL
\$[-3.38667]&,\$[1.24136]&,\$[1.40861]&,\$[5.8891]&,\$[4.41465]&
TREATED
\$[1.02162]&,\$[1.79683]&,\$[-0.408708]&,\$[2.41399]&,\$[-0.135511]&
SAMPLE 3
NORMAL
\$[8.03666]&,\$[7.32342]&,\$[12.1268]&,\$[7.23239]&,\$[-5.97156]&
TREATED
\$[6.36879]&,\$[4.72315]&,\$[5.9856]&,\$[4.14437]&,\$[4.99013]&
SAMPLE 4
NORMAL
\$[8.73358]&,\$[-2.32684]&,\$[-6.31983]&,\$[-4.50617]&,\$[-2.88219]&
TREATED
\$[7.53504]&,\$[-10.6293]&,\$[-13.998]&,\$[0.183986]&,\$[-4.48713]&
SAMPLE 5
NORMAL
\$[9.20092]&,\$[21.5357]&,\$[15.3349]&,\$[5.7695]&,\$[6.05929]&
TREATED
\$[3.84627]&,\$[-14.0749]&,\$[-8.27012]&,\$[10.3201]&,\$[12.0668]&
SAMPLE 6
NORMAL
\$[-0.85239]&,\$[3.882]&,\$[18.3145]&,\$[-7.38462]&,\$[2.18253]&
TREATED
\$[2.3556]&,\$[0.2368]&,\$[5.92667]&,\$[-1.50626]&,\$[-2.39063]&
SAMPLE 7
NORMAL
\$[-3.05389]&,\$[-0.37237]&,\$[7.19204]&,\$[13.6083]&,\$[4.50594]&
TREATED
\$[-4.96004]&,\$[8.75596]&,\$[-1.0481]&,\$[-0.86798]&,\$[5.48303]&
SAMPLE 8
NORMAL
\$[13.0596]&,\$[-2.05925]&,\$[18.6431]&,\$[11.0193]&,\$[-7.05212]&
TREATED
\$[-0.817519]&,\$[11.117]&,\$[-2.65011]&,\$[-3.1266]&,\$[-4.40975]&
SAMPLE 9
NORMAL
\$[-1.39922]&,\$[4.32648]&,\$[11.1579]&,\$[-2.10378]&,\$[16.9455]&
TREATED
\$[0.639865]&,\$[0.589392]&,\$[3.64582]&,\$[7.66681]&,\$[4.12755]&
SAMPLE 10
NORMAL
\$[6.38847]&,\$[-3.58857]&,\$[-11.4117]&,\$[5.26269]&,\$[-8.50509]&
TREATED
\$[-6.88245]&,\$[1.03781]&,\$[-10.0494]&,\$[3.33335]&,\$[-6.02552]&

CH20B005
alpha = 0.0432382
FWER = 0.215194

SAMPLE FOR TTEST : SAMPLE no. 8

SAMPLE 1

NORMAL

\$[5.42455]&\$[-0.385077]&\$[0.0467537]&\$[-3.5513]&\$[8.16549]&

TREATED

\$[17.0914]&\$[0.893928]&\$[6.679]&\$[6.76899]&\$[-4.32479]&

SAMPLE 2

NORMAL

\$[7.16227]&\$[-3.0368]&\$[-2.28479]&\$[-1.11337]&\$[14.0113]&

TREATED

\$[13.2188]&\$[4.85292]&\$[-6.11745]&\$[4.1944]&\$[5.60144]&

SAMPLE 3

NORMAL

\$[8.05947]&\$[-8.9915]&\$[7.30249]&\$[2.23421]&\$[0.650486]&

TREATED

\$[11.4106]&\$[13.9916]&\$[8.09557]&\$[-3.44926]&\$[0.454669]&

SAMPLE 4

NORMAL

\$[2.60032]&\$[4.9739]&\$[-6.44129]&\$[2.41559]&\$[22.6586]&

TREATED

\$[4.18207]&\$[4.95579]&\$[6.46758]&\$[8.52873]&\$[-0.34858]&

SAMPLE 5

NORMAL

\$[-7.68416]&\$[-4.05785]&\$[6.10629]&\$[-13.721]&\$[-10.012]&

TREATED

\$[-3.20863]&\$[-7.61889]&\$[-0.353683]&\$[28.1811]&\$[15.211]&

SAMPLE 6

NORMAL

\$[10.9393]&\$[7.02235]&\$[19.2018]&\$[-2.749]&\$[3.45345]&

TREATED

\$[9.16969]&\$[6.5771]&\$[-0.507637]&\$[4.86782]&\$[-11.119]&

SAMPLE 7

NORMAL

\$[0.0987889]&\$[3.57191]&\$[1.96163]&\$[-3.84561]&\$[-3.77456]&

TREATED

\$[-0.120933]&\$[-0.408532]&\$[0.590942]&\$[-2.78483]&\$[-3.65951]&

SAMPLE 8

NORMAL

\$[10.4385]&\$[6.61052]&\$[2.11574]&\$[1.18794]&\$[-0.589413]&

TREATED

\$[3.68135]&\$[7.47434]&\$[3.35878]&\$[-3.78672]&\$[-4.50289]&

SAMPLE 9

NORMAL

\$[2.39956]&\$[-5.80119]&\$[-2.60925]&\$[-3.57089]&\$[-9.13282]&

TREATED

\$[-5.05343]&\$[-0.284362]&\$[-5.73295]&\$[4.58427]&\$[2.64512]&

SAMPLE 10

NORMAL

\$[0.656108]&\$[5.67878]&\$[1.80506]&\$[3.28268]&\$[2.46667]&

TREATED

\$[2.42191]&\$[7.25189]&\$[-4.68894]&\$[12.4174]&\$[-4.363]&

CH20B013

alpha = 0.0136346

FWER = 0.255269

SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1

NORMAL

\$[-5.81206]&\$[3.69173]&\$[-10.209]&\$[11.9074]&\$[-5.00436]&

TREATED

\$[11.4629]&\$[1.77621]&\$[5.63473]&\$[-8.69601]&\$[3.80864]&

SAMPLE 2

NORMAL

\$[8.52346]&\$[-0.230621]&\$[1.69289]&\$[-2.12971]&\$[3.56164]&

TREATED

\$[-0.266745]&\$[4.10813]&\$[2.31971]&\$[-1.07432]&\$[-0.785035]&

SAMPLE 3

NORMAL

\$[5.51475]&\$[-2.7183]&\$[7.24996]&\$[11.6087]&\$[-2.09864]&

TREATED

\$[-0.420977]&\$[-3.47202]&\$[-2.40973]&\$[11.2954]&\$[18.7396]&

SAMPLE 4

NORMAL

\$[4.99547]&\$[2.97075]&\$[5.55996]&\$[2.68486]&\$[1.369]&

TREATED

\$[-2.04156]&\$[-3.13728]&\$[7.63532]&\$[23.0961]&\$[-3.40191]&

SAMPLE 5

NORMAL

\$[7.88747]&\$[-0.951462]&\$[6.00031]&\$[-0.139391]&\$[4.04572]&

TREATED

\$[-5.0942]&\$[-6.86212]&\$[1.95375]&\$[4.07556]&\$[8.492]&

SAMPLE 6

NORMAL

\$[-2.37038]&\$[4.68946]&\$[8.03767]&\$[1.49746]&\$[14.02]&

TREATED

\$[7.87432]&\$[-1.72554]&\$[-8.5172]&\$[-8.87459]&\$[6.56717]&

SAMPLE 7

NORMAL

\$[5.9966]&\$[1.08799]&\$[2.27928]&\$[5.21492]&\$[6.08609]&

TREATED

\$[0.883043]&\$[6.7292]&\$[4.03849]&\$[-0.817542]&\$[5.28599]&

SAMPLE 8

NORMAL

\$[-1.73724]&\$[10.3242]&\$[-6.2655]&\$[5.71739]&\$[-4.18572]&

TREATED

\$[7.31559]&\$[14.0104]&\$[3.86865]&\$[10.8883]&\$[1.07761]&

SAMPLE 9

NORMAL

\$[2.55395]&\$[9.96874]&\$[-4.3117]&\$[-4.59834]&\$[11.3746]&

TREATED

\$[-2.3274]&\$[3.67002]&\$[-4.63167]&\$[13.9348]&\$[16.9193]&

SAMPLE 10

NORMAL

\$[-17.0346]&\$[0.483169]&\$[-0.538659]&\$[13.4354]&\$[-8.00561]&
TREATED
\$[8.66598]&\$[1.50986]&\$[0.34998]&\$[2.03837]&\$[1.4506]&

CH20B032

alpha = 0.00933604

FWER = 0.298669

SAMPLE FOR TTEST : SAMPLE no. 3

SAMPLE 1

NORMAL

\$[2.55799]&\$[-0.460295]&\$[2.0893]&\$[1.48615]&\$[0.951263]&
TREATED

\$[4.43109]&\$[5.93037]&\$[0.378216]&\$[2.10548]&\$[-3.77508]&
SAMPLE 2

NORMAL

\$[6.27032]&\$[1.56133]&\$[0.954541]&\$[6.55365]&\$[2.18643]&
TREATED

\$[0.704972]&\$[-3.25925]&\$[-1.76036]&\$[2.10184]&\$[2.05311]&
SAMPLE 3

NORMAL

\$[7.58468]&\$[3.66349]&\$[0.732898]&\$[-0.843709]&\$[2.66581]&
TREATED

\$[9.35763]&\$[3.65868]&\$[2.55359]&\$[-3.1774]&\$[21.5987]&
SAMPLE 4

NORMAL

\$[1.77915]&\$[1.65664]&\$[-0.216344]&\$[1.20563]&\$[-0.805195]&
TREATED

\$[-18.6178]&\$[2.0717]&\$[-0.509547]&\$[26.441]&\$[0.194286]&
SAMPLE 5

NORMAL

\$[3.78352]&\$[-0.673177]&\$[3.15348]&\$[2.47127]&\$[7.13233]&
TREATED

\$[0.776719]&\$[10.4196]&\$[-1.26098]&\$[2.67338]&\$[0.446481]&
SAMPLE 6

NORMAL

\$[-2.91497]&\$[-3.4674]&\$[5.47597]&\$[6.86022]&\$[5.38002]&
TREATED

\$[5.0577]&\$[-12.6228]&\$[-6.35571]&\$[-7.16142]&\$[-5.03474]&
SAMPLE 7

NORMAL

\$[3.77596]&\$[-2.82719]&\$[-7.28777]&\$[-8.44663]&\$[3.0812]&
TREATED

\$[-0.128884]&\$[4.73731]&\$[2.83416]&\$[0.452861]&\$[7.51119]&
SAMPLE 8

NORMAL

\$[6.03535]&\$[-2.08902]&\$[8.29624]&\$[-3.41444]&\$[2.75662]&
TREATED

\$[0.915037]&\$[17.1652]&\$[-5.45464]&\$[-3.88788]&\$[9.67331]&
SAMPLE 9

NORMAL

\$[0.54735]&\$[-0.343262]&\$[6.61312]&\$[7.96039]&\$[1.36839]&
TREATED

\$[2.75399]&\$[1.53429]&\$[1.29241]&\$[3.57652]&\$[2.44258]&

SAMPLE 10

NORMAL

\$[0.990302]&,\$[5.30474]&,\$[13.0802]&,\$[5.85826]&,\$[11.6902]&
TREATED
\$[7.02904]&,\$[2.98704]&,\$[0.320061]&,\$[-1.41388]&,\$[1.29708]&

CH20B046

alpha = 0.0364087

FWER = 0.314079

SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1

NORMAL

\$[-3.42165]&,\$[-9.01023]&,\$[1.97626]&,\$[-0.867518]&,\$[-12.5218]&
TREATED

\$[12.9788]&,\$[18.217]&,\$[10.5642]&,\$[-3.60921]&,\$[-6.92758]&

SAMPLE 2

NORMAL

\$[6.32502]&,\$[-0.0394391]&,\$[4.30957]&,\$[-3.92535]&,\$[1.34637]&
TREATED

\$[0.655535]&,\$[3.08315]&,\$[0.13949]&,\$[1.85775]&,\$[2.66552]&

SAMPLE 3

NORMAL

\$[-8.89436]&,\$[-3.18933]&,\$[17.2088]&,\$[11.2528]&,\$[7.62056]&
TREATED

\$[8.47117]&,\$[-3.57458]&,\$[1.48326]&,\$[10.7246]&,\$[3.76957]&

SAMPLE 4

NORMAL

\$[11.1401]&,\$[1.35666]&,\$[1.85681]&,\$[9.16747]&,\$[-0.032871]&
TREATED

\$[9.65333]&,\$[-1.10697]&,\$[0.428147]&,\$[3.52503]&,\$[2.84484]&

SAMPLE 5

NORMAL

\$[-9.58717]&,\$[-17.0792]&,\$[5.88737]&,\$[13.4183]&,\$[-1.86604]&
TREATED

\$[9.48023]&,\$[2.72059]&,\$[-10.0218]&,\$[3.27483]&,\$[11.1572]&

SAMPLE 6

NORMAL

\$[17.8761]&,\$[15.6045]&,\$[-2.09634]&,\$[-6.55882]&,\$[-20.3393]&
TREATED

\$[12.0008]&,\$[9.13108]&,\$[13.6961]&,\$[-1.34656]&,\$[-4.25333]&

SAMPLE 7

NORMAL

\$[17.4689]&,\$[5.03193]&,\$[-2.19875]&,\$[3.98486]&,\$[-7.572]&
TREATED

\$[-6.86018]&,\$[-0.772022]&,\$[7.48141]&,\$[-10.2137]&,\$[7.1857]&

SAMPLE 8

NORMAL

\$[20.2881]&,\$[-1.33587]&,\$[-2.82645]&,\$[7.94708]&,\$[18.3245]&
TREATED

\$[-3.61038]&,\$[-0.175137]&,\$[-3.61928]&,\$[-18.4693]&,\$[8.27236]&

SAMPLE 9

NORMAL

\$[-0.8309]&,\$[-9.98517]&,\$[-1.29048]&,\$[2.96722]&,\$[7.03374]&

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TREATED
\$[7.74179]&\$[0.407649]&\$[-5.22352]&\$[6.95561]&\$[8.77002]&
SAMPLE 10
NORMAL
\$[-2.4834]&\$[3.6449]&\$[1.81761]&\$[2.65395]&\$[0.568654]&
TREATED
\$[6.25099]&\$[-5.20572]&\$[1.3492]&\$[21.9511]&\$[-12.8116]&

CH20B070
alpha = 0.0261965
FWER = 0.21399
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[0.817641]&\$[3.34974]&\$[3.69423]&\$[2.06485]&\$[2.03826]&
TREATED
\$[2.47297]&\$[10.0686]&\$[0.638756]&\$[-3.87014]&\$[-1.71773]&
SAMPLE 2
NORMAL
\$[4.2322]&\$[-1.04815]&\$[2.75144]&\$[7.35515]&\$[11.4621]&
TREATED
\$[3.50414]&\$[4.47197]&\$[1.51042]&\$[3.11781]&\$[2.24333]&
SAMPLE 3
NORMAL
\$[-2.10273]&\$[13.4455]&\$[0.913087]&\$[3.49909]&\$[5.74108]&
TREATED
\$[-1.56375]&\$[-2.05476]&\$[5.06982]&\$[2.28663]&\$[-4.06727]&
SAMPLE 4
NORMAL
\$[-3.80746]&\$[3.4385]&\$[14.9097]&\$[3.25475]&\$[9.17867]&
TREATED
\$[8.83704]&\$[-10.0864]&\$[-1.03749]&\$[5.95678]&\$[-2.9582]&
SAMPLE 5
NORMAL
\$[-3.41371]&\$[8.45052]&\$[2.85733]&\$[-1.27539]&\$[4.32963]&
TREATED
\$[-0.757658]&\$[7.62832]&\$[2.55988]&\$[6.84029]&\$[-1.55233]&
SAMPLE 6
NORMAL
\$[5.19534]&\$[7.00475]&\$[-1.61176]&\$[1.71019]&\$[-3.08592]&
TREATED
\$[1.3775]&\$[5.30958]&\$[-1.32032]&\$[18.2667]&\$[0.177247]&
SAMPLE 7
NORMAL
\$[0.249021]&\$[3.48075]&\$[-2.58502]&\$[1.2049]&\$[0.465245]&
TREATED
\$[6.75113]&\$[4.81322]&\$[8.70021]&\$[3.17932]&\$[1.87912]&
SAMPLE 8
NORMAL
\$[2.71417]&\$[3.72894]&\$[8.43257]&\$[12.2914]&\$[8.33659]&
TREATED
\$[-6.67223]&\$[6.8233]&\$[-2.87793]&\$[-2.87555]&\$[-3.05697]&
SAMPLE 9

NORMAL
\$[3.57842]&\$[-11.3883]&\$[-1.50797]&\$[-1.46419]&\$[0.785017]&
TREATED
\$[6.88563]&\$[1.80251]&\$[4.48923]&\$[10.994]&\$[2.45165]&
SAMPLE 10
NORMAL
\$[-7.18146]&\$[2.04123]&\$[8.1509]&\$[1.25184]&\$[-6.36603]&
TREATED
\$[4.27103]&\$[0.652416]&\$[-2.34064]&\$[-2.95226]&\$[0.0833712]&

CH20B073
alpha = 0.0299581
FWER = 0.295103
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[5.62721]&\$[9.53422]&\$[0.0120901]&\$[-16.6832]&\$[2.19795]&
TREATED
\$[14.546]&\$[12.8091]&\$[4.09434]&\$[4.24203]&\$[5.17904]&
SAMPLE 2
NORMAL
\$[0.350838]&\$[6.83177]&\$[-0.251767]&\$[-1.43369]&\$[2.07745]&
TREATED
\$[20.6319]&\$[7.03774]&\$[3.27516]&\$[-5.24728]&\$[11.3008]&
SAMPLE 3
NORMAL
\$[2.57043]&\$[6.8303]&\$[5.92466]&\$[-5.17596]&\$[5.01594]&
TREATED
\$[4.74841]&\$[-4.409]&\$[-5.15539]&\$[0.174325]&\$[9.92102]&
SAMPLE 4
NORMAL
\$[4.7168]&\$[9.82362]&\$[2.75116]&\$[3.64823]&\$[8.3107]&
TREATED
\$[0.934282]&\$[2.04594]&\$[-3.83176]&\$[-9.19542]&\$[18.7447]&
SAMPLE 5
NORMAL
\$[-0.748739]&\$[5.32962]&\$[7.20643]&\$[3.65078]&\$[1.65057]&
TREATED
\$[1.13858]&\$[-5.88365]&\$[-13.1292]&\$[0.873446]&\$[9.40166]&
SAMPLE 6
NORMAL
\$[8.19547]&\$[0.878583]&\$[0.538774]&\$[6.68927]&\$[-7.37766]&
TREATED
\$[6.44366]&\$[3.00456]&\$[2.16572]&\$[7.58356]&\$[-2.9023]&
SAMPLE 7
NORMAL
\$[10.8708]&\$[-2.75159]&\$[-14.6729]&\$[0.928341]&\$[5.72278]&
TREATED
\$[11.9964]&\$[13.1202]&\$[0.268762]&\$[-2.27984]&\$[8.16747]&
SAMPLE 8
NORMAL
\$[6.45304]&\$[11.1602]&\$[-1.15576]&\$[6.63636]&\$[5.82687]&
TREATED

\$[3.14795]&\$[22.4522]&\$[4.84722]&\$[4.73847]&\$[7.84741]&
SAMPLE 9
NORMAL
\$[6.10256]&\$[-0.11651]&\$[-12.0842]&\$[-3.98266]&\$[3.28841]&
TREATED
\$[15.6608]&\$[-0.408492]&\$[-0.491094]&\$[-13.6045]&\$[15.8687]&
SAMPLE 10
NORMAL
\$[-4.64179]&\$[-6.15598]&\$[-13.9954]&\$[6.23751]&\$[-5.94534]&
TREATED
\$[-2.08348]&\$[-23.8222]&\$[12.3919]&\$[2.44336]&\$[7.29346]&

CH20B080
alpha = 0.0340531
FWER = 0.208544
SAMPLE FOR TTEST : SAMPLE no. 6
SAMPLE 1
NORMAL
\$[5.24269]&\$[1.08402]&\$[1.58483]&\$[5.85283]&\$[-1.49236]&
TREATED
\$[8.36349]&\$[-4.07097]&\$[2.18847]&\$[8.74169]&\$[-5.57441]&
SAMPLE 2
NORMAL
\$[-5.62687]&\$[3.51947]&\$[-10.7196]&\$[-1.45792]&\$[-6.81588]&
TREATED
\$[-2.78545]&\$[9.55472]&\$[4.20882]&\$[-0.0213651]&\$[1.06672]&
SAMPLE 3
NORMAL
\$[-5.88595]&\$[2.92249]&\$[-5.93899]&\$[2.90759]&\$[-5.27209]&
TREATED
\$[-6.21597]&\$[10.978]&\$[1.35615]&\$[9.51536]&\$[6.43527]&
SAMPLE 4
NORMAL
\$[-10.8432]&\$[-0.328254]&\$[4.69603]&\$[0.115461]&\$[-3.93]&
TREATED
\$[0.59883]&\$[0.207711]&\$[1.02984]&\$[0.17373]&\$[0.185114]&
SAMPLE 5
NORMAL
\$[0.143053]&\$[-17.9521]&\$[13.622]&\$[17.8417]&\$[4.96219]&
TREATED
\$[10.8883]&\$[-3.85466]&\$[-1.97027]&\$[5.55852]&\$[1.24506]&
SAMPLE 6
NORMAL
\$[-5.15755]&\$[8.38975]&\$[6.81163]&\$[3.01489]&\$[6.48452]&
TREATED
\$[5.78807]&\$[6.964]&\$[1.15342]&\$[8.13458]&\$[6.61192]&
SAMPLE 7
NORMAL
\$[10.6137]&\$[8.4691]&\$[7.39143]&\$[-0.155399]&\$[-10.0589]&
TREATED
\$[4.8793]&\$[-4.89785]&\$[11.4608]&\$[3.49497]&\$[11.2562]&
SAMPLE 8
NORMAL

\$[-13.7259]&,\$[7.62181]&,\$[2.96373]&,\$[-16.9065]&,\$[-8.09068]&
TREATED
\$[-5.37069]&,\$[-4.36079]&,\$[11.4225]&,\$[8.66117]&,\$[12.569]&
SAMPLE 9
NORMAL
\$[-0.024822]&,\$[6.71226]&,\$[-5.34087]&,\$[9.9383]&,\$[-1.80132]&
TREATED
\$[11.075]&,\$[9.7274]&,\$[12.2319]&,\$[6.26953]&,\$[11.1191]&
SAMPLE 10
NORMAL
\$[6.06595]&,\$[-7.51108]&,\$[-5.23406]&,\$[6.05297]&,\$[-1.46935]&
TREATED
\$[-1.06347]&,\$[5.43663]&,\$[7.195]&,\$[-6.47212]&,\$[-2.0584]&

CH20B116
alpha = 0.0111923
FWER = 0.29415
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[-1.93816]&,\$[-0.589919]&,\$[-20.4044]&,\$[0.243637]&,\$[12.7276]&
TREATED
\$[12.2331]&,\$[6.12432]&,\$[8.23232]&,\$[13.1889]&,\$[-7.39398]&
SAMPLE 2
NORMAL
\$[12.1925]&,\$[3.32866]&,\$[5.49637]&,\$[5.31973]&,\$[-1.41909]&
TREATED
\$[4.20241]&,\$[-1.58035]&,\$[5.5619]&,\$[2.13983]&,\$[5.40531]&
SAMPLE 3
NORMAL
\$[6.18195]&,\$[-1.28429]&,\$[-6.48731]&,\$[2.57858]&,\$[-12.3524]&
TREATED
\$[-0.0800251]&,\$[-1.38255]&,\$[-0.261177]&,\$[0.900959]&,\$[-0.0574287]&
SAMPLE 4
NORMAL
\$[-7.9062]&,\$[0.720426]&,\$[-10.318]&,\$[-3.56427]&,\$[-6.36199]&
TREATED
\$[1.04444]&,\$[11.0679]&,\$[4.95441]&,\$[5.28969]&,\$[0.245603]&
SAMPLE 5
NORMAL
\$[-6.45579]&,\$[17.0046]&,\$[0.498612]&,\$[6.2914]&,\$[12.0901]&
TREATED
\$[-5.54796]&,\$[-0.615231]&,\$[23.6569]&,\$[-19.8368]&,\$[-5.99318]&
SAMPLE 6
NORMAL
\$[3.91193]&,\$[1.8765]&,\$[3.33029]&,\$[-6.73397]&,\$[5.73516]&
TREATED
\$[17.7773]&,\$[7.87611]&,\$[4.03655]&,\$[-0.794129]&,\$[1.83483]&
SAMPLE 7
NORMAL
\$[6.09128]&,\$[5.10342]&,\$[3.23354]&,\$[-0.756844]&,\$[5.29816]&
TREATED
\$[-13.5777]&,\$[-7.32865]&,\$[-8.11387]&,\$[13.6874]&,\$[1.07649]&

SAMPLE 8
NORMAL
\$[4.98534]&,\$[1.65101]&,\$[1.08555]&,\$[4.24165]&,\$[1.05602]&
TREATED
\$[9.79243]&,\$[3.52024]&,\$[4.27491]&,\$[4.69036]&,\$[6.04326]&
SAMPLE 9
NORMAL
\$[14.7118]&,\$[4.87188]&,\$[-1.04732]&,\$[7.13272]&,\$[2.11087]&
TREATED
\$[1.73272]&,\$[7.534]&,\$[0.482705]&,\$[0.557597]&,\$[-2.99876]&
SAMPLE 10
NORMAL
\$[6.04521]&,\$[13.4342]&,\$[6.46765]&,\$[8.24765]&,\$[-11.1705]&
TREATED
\$[7.46965]&,\$[6.62984]&,\$[13.0139]&,\$[6.29023]&,\$[7.56164]&

CS17B115
alpha = 0.0165336
FWER = 0.269781
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[20.8509]&,\$[30.5979]&,\$[6.03129]&,\$[-0.208464]&,\$[5.1157]&
TREATED
\$[-2.60115]&,\$[-8.15251]&,\$[3.31048]&,\$[8.10378]&,\$[3.09011]&
SAMPLE 2
NORMAL
\$[5.60469]&,\$[5.46444]&,\$[2.58841]&,\$[3.84384]&,\$[-6.37974]&
TREATED
\$[8.25217]&,\$[8.29046]&,\$[18.1079]&,\$[9.18371]&,\$[3.76602]&
SAMPLE 3
NORMAL
\$[6.20199]&,\$[2.91323]&,\$[-1.0379]&,\$[-1.12113]&,\$[4.01937]&
TREATED
\$[2.47387]&,\$[1.65241]&,\$[-0.270094]&,\$[1.31715]&,\$[1.18556]&
SAMPLE 4
NORMAL
\$[13.4807]&,\$[-3.01866]&,\$[8.03718]&,\$[5.09243]&,\$[-2.14911]&
TREATED
\$[2.92993]&,\$[11.5084]&,\$[-4.91174]&,\$[12.1123]&,\$[-2.92352]&
SAMPLE 5
NORMAL
\$[7.70537]&,\$[5.4643]&,\$[11.5003]&,\$[12.0735]&,\$[-4.1248]&
TREATED
\$[6.69324]&,\$[-3.50091]&,\$[-1.58188]&,\$[15.4691]&,\$[-6.82693]&
SAMPLE 6
NORMAL
\$[1.65843]&,\$[1.47314]&,\$[9.22726]&,\$[4.79954]&,\$[-1.7638]&
TREATED
\$[3.42563]&,\$[18.9875]&,\$[4.13429]&,\$[-5.44416]&,\$[7.52425]&
SAMPLE 7
NORMAL
\$[15.102]&,\$[1.83588]&,\$[-9.76984]&,\$[-0.30394]&,\$[22.115]&

TREATED
\$[4.74622]&\$[19.8373]&\$[1.91473]&\$[16.5795]&\$[1.78176]&
SAMPLE 8
NORMAL
\$[5.17705]&\$[3.05295]&\$[4.87766]&\$[0.640652]&\$[-10.4491]&
TREATED
\$[-5.85331]&\$[-6.29837]&\$[-7.38307]&\$[6.10052]&\$[0.703711]&
SAMPLE 9
NORMAL
\$[0.516523]&\$[10.7699]&\$[13.275]&\$[1.47907]&\$[5.62138]&
TREATED
\$[4.47764]&\$[2.70352]&\$[4.14167]&\$[1.11652]&\$[-0.917123]&
SAMPLE 10
NORMAL
\$[-1.53232]&\$[15.7558]&\$[-6.08864]&\$[-7.355]&\$[-5.25899]&
TREATED
\$[-0.306629]&\$[5.83182]&\$[-1.35549]&\$[-9.9921]&\$[12.7034]&

CS18B027
alpha = 0.029245
FWER = 0.314002
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[14.5108]&\$[-0.576392]&\$[7.75452]&\$[8.10845]&\$[-3.31977]&
TREATED
\$[-1.81138]&\$[13.529]&\$[3.65074]&\$[-5.3437]&\$[10.5995]&
SAMPLE 2
NORMAL
\$[1.80028]&\$[11.8955]&\$[-4.48723]&\$[-6.81217]&\$[11.5431]&
TREATED
\$[-17.544]&\$[4.33458]&\$[-6.73155]&\$[6.84497]&\$[-0.368177]&
SAMPLE 3
NORMAL
\$[3.90881]&\$[3.31648]&\$[0.518886]&\$[0.216485]&\$[1.82286]&
TREATED
\$[5.65822]&\$[3.14196]&\$[-8.84883]&\$[0.983161]&\$[1.4593]&
SAMPLE 4
NORMAL
\$[23.3863]&\$[-26.2269]&\$[26.8238]&\$[5.37559]&\$[21.2023]&
TREATED
\$[4.79913]&\$[-1.14683]&\$[4.39268]&\$[-2.15032]&\$[-4.3221]&
SAMPLE 5
NORMAL
\$[10.1034]&\$[11.4862]&\$[7.0507]&\$[-0.509626]&\$[9.06723]&
TREATED
\$[14.671]&\$[6.22596]&\$[-10.5461]&\$[-10.0648]&\$[6.23596]&
SAMPLE 6
NORMAL
\$[3.53672]&\$[2.99279]&\$[5.98731]&\$[2.95768]&\$[4.47389]&
TREATED
\$[-0.69459]&\$[-3.05174]&\$[-6.43187]&\$[2.85773]&\$[16.6479]&
SAMPLE 7

NORMAL
\$[-3.00317]&\$[-2.75701]&\$[1.86124]&\$[6.49417]&\$[0.471303]&
TREATED
\$[0.193494]&\$[-6.031]&\$[0.754247]&\$[2.26852]&\$[3.82691]&
SAMPLE 8
NORMAL
\$[9.79978]&\$[2.77115]&\$[12.8015]&\$[6.37121]&\$[-1.27087]&
TREATED
\$[0.374533]&\$[-0.206326]&\$[-4.61711]&\$[-1.30386]&\$[0.111509]&
SAMPLE 9
NORMAL
\$[3.88168]&\$[7.04358]&\$[-1.63097]&\$[-8.47665]&\$[0.301045]&
TREATED
\$[1.31369]&\$[-3.75075]&\$[-3.07136]&\$[7.9726]&\$[7.23433]&
SAMPLE 10
NORMAL
\$[9.38759]&\$[5.15024]&\$[5.51562]&\$[4.62367]&\$[3.8877]&
TREATED
\$[15.9291]&\$[5.94749]&\$[0.454455]&\$[8.40043]&\$[-3.92419]&

CS18B028
alpha = 0.00797333
FWER = 0.296172
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[-0.930114]&\$[3.44883]&\$[7.04942]&\$[10.5502]&\$[0.693755]&
TREATED
\$[-0.369658]&\$[-2.0627]&\$[0.406493]&\$[6.87076]&\$[1.84485]&
SAMPLE 2
NORMAL
\$[-4.25138]&\$[4.8061]&\$[6.08347]&\$[2.77921]&\$[6.67639]&
TREATED
\$[14.6322]&\$[8.5334]&\$[-8.95005]&\$[7.32239]&\$[-6.06956]&
SAMPLE 3
NORMAL
\$[0.0561157]&\$[-2.39955]&\$[-4.75786]&\$[5.07836]&\$[-2.55465]&
TREATED
\$[0.544009]&\$[0.437308]&\$[7.10612]&\$[-19.1733]&\$[-2.54917]&
SAMPLE 4
NORMAL
\$[10.3932]&\$[8.79874]&\$[5.14299]&\$[1.9801]&\$[-1.15303]&
TREATED
\$[5.16531]&\$[-0.860278]&\$[2.53226]&\$[1.6703]&\$[0.239821]&
SAMPLE 5
NORMAL
\$[2.70152]&\$[2.73302]&\$[-12.0575]&\$[6.79497]&\$[2.89787]&
TREATED
\$[4.79057]&\$[7.92925]&\$[9.65365]&\$[0.632108]&\$[4.60956]&
SAMPLE 6
NORMAL
\$[9.11919]&\$[2.33894]&\$[-4.82498]&\$[7.56395]&\$[1.28694]&
TREATED

\$[4.06647]&\$[1.92133]&\$[3.18402]&\$[2.43272]&\$[3.33703]&
SAMPLE 7
NORMAL
\$[-1.11366]&\$[2.99105]&\$[3.45937]&\$[2.21038]&\$[0.964563]&
TREATED
\$[1.96163]&\$[3.87008]&\$[4.08449]&\$[5.88171]&\$[-2.7524]&
SAMPLE 8
NORMAL
\$[6.25689]&\$[10.4468]&\$[-2.41241]&\$[7.62689]&\$[8.56047]&
TREATED
\$[-0.308696]&\$[5.75231]&\$[6.50416]&\$[-1.85673]&\$[-0.997303]&
SAMPLE 9
NORMAL
\$[-14.4932]&\$[-2.20097]&\$[3.11432]&\$[-6.24627]&\$[7.11739]&
TREATED
\$[0.863033]&\$[6.43742]&\$[1.73227]&\$[-1.91607]&\$[5.85848]&
SAMPLE 10
NORMAL
\$[6.49123]&\$[5.44633]&\$[5.77073]&\$[0.861549]&\$[3.50559]&
TREATED
\$[3.09002]&\$[9.95488]&\$[-0.667964]&\$[8.26494]&\$[2.2717]&

CS18B038

alpha = 0.010734

FWER = 0.269623

SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1

NORMAL

\$[2.54852]&\$[-1.7799]&\$[7.44854]&\$[-0.415794]&\$[2.92624]&
TREATED

\$[-2.69164]&\$[-3.65413]&\$[1.67278]&\$[-3.64551]&\$[-4.53074]&
SAMPLE 2

NORMAL

\$[1.32161]&\$[-18.5599]&\$[9.34386]&\$[19.4847]&\$[16.626]&
TREATED

\$[14.8945]&\$[-11.2355]&\$[4.23707]&\$[16.699]&\$[5.25818]&
SAMPLE 3

NORMAL

\$[2.95821]&\$[4.17162]&\$[13.2998]&\$[-9.13838]&\$[17.3557]&
TREATED

\$[4.69092]&\$[-4.86492]&\$[0.784512]&\$[4.74244]&\$[5.28653]&
SAMPLE 4

NORMAL

\$[-2.72734]&\$[3.64414]&\$[7.96547]&\$[12.2987]&\$[8.52943]&
TREATED

\$[-11.2909]&\$[-10.0648]&\$[6.11575]&\$[2.10769]&\$[3.53122]&
SAMPLE 5

NORMAL

\$[14.489]&\$[7.70762]&\$[8.73292]&\$[-13.8194]&\$[2.56434]&
TREATED

\$[-5.42194]&\$[17.7272]&\$[-11.0473]&\$[6.4306]&\$[-0.824464]&
SAMPLE 6

NORMAL

\$[8.33393]&\$[0.367141]&\$[2.54009]&\$[-1.32302]&\$[2.43543]&
TREATED
\$[-2.53699]&\$[-7.0554]&\$[5.53634]&\$[1.81693]&\$[-2.61427]&
SAMPLE 7
NORMAL
\$[0.299332]&\$[5.98195]&\$[1.92286]&\$[2.87408]&\$[2.79973]&
TREATED
\$[4.15425]&\$[-8.89355]&\$[-6.17216]&\$[-3.69632]&\$[-0.1788]&
SAMPLE 8
NORMAL
\$[-13.2943]&\$[-1.33129]&\$[-0.980903]&\$[-18.0245]&\$[18.3748]&
TREATED
\$[10.7872]&\$[-20.1747]&\$[-6.30749]&\$[2.52013]&\$[4.59863]&
SAMPLE 9
NORMAL
\$[19.4164]&\$[11.7368]&\$[4.69493]&\$[5.78688]&\$[2.18806]&
TREATED
\$[1.26437]&\$[21.749]&\$[9.6425]&\$[6.69949]&\$[10.5673]&
SAMPLE 10
NORMAL
\$[-3.8037]&\$[9.33394]&\$[10.4144]&\$[5.12488]&\$[-3.22338]&
TREATED
\$[0.110449]&\$[-2.17904]&\$[-5.64994]&\$[-11.1533]&\$[-0.482966]&

CS18B043
alpha = 0.0290488
FWER = 0.295069
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[-7.12283]&\$[-2.49478]&\$[0.91887]&\$[-3.41314]&\$[6.23774]&
TREATED
\$[6.14494]&\$[22.7642]&\$[18.1808]&\$[-3.83861]&\$[12.6722]&
SAMPLE 2
NORMAL
\$[3.33653]&\$[-3.83543]&\$[-5.2509]&\$[0.00412196]&\$[-3.53475]&
TREATED
\$[2.1392]&\$[5.08421]&\$[3.22154]&\$[2.58433]&\$[1.76564]&
SAMPLE 3
NORMAL
\$[0.980805]&\$[12.5995]&\$[4.24999]&\$[7.41806]&\$[21.2944]&
TREATED
\$[6.0943]&\$[21.3327]&\$[-1.47222]&\$[7.96536]&\$[-4.47972]&
SAMPLE 4
NORMAL
\$[11.2131]&\$[-2.23993]&\$[-3.81968]&\$[12.4202]&\$[-1.20656]&
TREATED
\$[13.7412]&\$[-0.75272]&\$[12.2288]&\$[14.725]&\$[-4.54807]&
SAMPLE 5
NORMAL
\$[5.07263]&\$[6.95449]&\$[0.382942]&\$[-2.76822]&\$[-1.93035]&
TREATED
\$[-1.7656]&\$[-1.78812]&\$[0.196]&\$[0.800571]&\$[-0.139822]&

SAMPLE 6
NORMAL
\$[-4.08692]&\$[-0.27693]&\$[2.04175]&\$[0.523692]&\$[-9.51563]&
TREATED
\$[1.33172]&\$[4.97358]&\$[-8.29337]&\$[1.36562]&\$[8.428]&
SAMPLE 7
NORMAL
\$[-5.75931]&\$[12.5288]&\$[1.3672]&\$[-4.36178]&\$[-4.38102]&
TREATED
\$[-4.19121]&\$[4.15011]&\$[-5.36155]&\$[15.9123]&\$[7.77676]&
SAMPLE 8
NORMAL
\$[3.26011]&\$[10.213]&\$[3.12576]&\$[11.49]&\$[9.24072]&
TREATED
\$[6.01962]&\$[4.51644]&\$[7.49823]&\$[6.26619]&\$[-1.92537]&
SAMPLE 9
NORMAL
\$[-0.120788]&\$[15.1611]&\$[13.0652]&\$[-2.5618]&\$[1.80761]&
TREATED
\$[13.8203]&\$[-2.54627]&\$[10.8482]&\$[5.80231]&\$[-0.490559]&
SAMPLE 10
NORMAL
\$[-6.07012]&\$[9.0794]&\$[9.71629]&\$[22.0163]&\$[5.49636]&
TREATED
\$[-9.27496]&\$[3.79272]&\$[-8.55091]&\$[-3.35053]&\$[9.43942]&

CS18B046
alpha = 0.00326653
FWER = 0.383394
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[0.397254]&\$[-10.6412]&\$[2.59084]&\$[15.6533]&\$[-19.586]&
TREATED
\$[-5.82495]&\$[4.17803]&\$[-13.2369]&\$[14.9919]&\$[7.84087]&
SAMPLE 2
NORMAL
\$[-1.06106]&\$[-2.47436]&\$[14.5615]&\$[1.11024]&\$[-3.85187]&
TREATED
\$[10.8004]&\$[-10.135]&\$[15.163]&\$[12.2615]&\$[5.53624]&
SAMPLE 3
NORMAL
\$[6.55803]&\$[0.989443]&\$[8.07922]&\$[-1.05886]&\$[4.47697]&
TREATED
\$[1.88484]&\$[2.14459]&\$[25.529]&\$[13.6339]&\$[5.81647]&
SAMPLE 4
NORMAL
\$[-4.31358]&\$[-1.12895]&\$[-0.662359]&\$[-0.214521]&\$[-0.358522]&
TREATED
\$[-6.00432]&\$[0.764226]&\$[5.40753]&\$[3.89362]&\$[1.08895]&
SAMPLE 5
NORMAL
\$[-1.52508]&\$[3.81357]&\$[-1.12427]&\$[5.17817]&\$[4.87864]&

TREATED
\$[15.3696]&\$[2.69429]&\$[11.9612]&\$[-0.377397]&\$[1.7898]&
SAMPLE 6
NORMAL
\$[-2.04369]&\$[-3.0445]&\$[6.46896]&\$[2.53431]&\$[6.59719]&
TREATED
\$[5.76796]&\$[-1.82243]&\$[-1.66687]&\$[0.963521]&\$[9.10162]&
SAMPLE 7
NORMAL
\$[-9.59459]&\$[3.36978]&\$[0.823455]&\$[2.84462]&\$[-5.17917]&
TREATED
\$[6.41365]&\$[1.98611]&\$[6.43272]&\$[-1.77389]&\$[6.38971]&
SAMPLE 8
NORMAL
\$[2.95113]&\$[-5.71346]&\$[2.14623]&\$[0.476438]&\$[0.630129]&
TREATED
\$[10.7534]&\$[-9.95722]&\$[16.4918]&\$[19.6778]&\$[9.05977]&
SAMPLE 9
NORMAL
\$[2.24312]&\$[1.38195]&\$[5.67556]&\$[-0.553322]&\$[-10.0043]&
TREATED
\$[-3.09851]&\$[6.72988]&\$[5.6429]&\$[3.57619]&\$[0.813403]&
SAMPLE 10
NORMAL
\$[6.2711]&\$[4.11528]&\$[0.749263]&\$[7.1185]&\$[3.38499]&
TREATED
\$[14.6571]&\$[-2.18414]&\$[4.16706]&\$[-3.54593]&\$[3.24535]&

CS18B048
alpha = 0.0457852
FWER = 0.396873
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[4.29776]&\$[7.00731]&\$[7.02019]&\$[1.82042]&\$[11.2873]&
TREATED
\$[-7.12014]&\$[-6.06811]&\$[9.76209]&\$[3.37949]&\$[-3.14321]&
SAMPLE 2
NORMAL
\$[-11.0154]&\$[-1.6915]&\$[-1.52179]&\$[-5.06956]&\$[8.44401]&
TREATED
\$[-1.33584]&\$[-4.79355]&\$[5.21454]&\$[3.37235]&\$[-6.60784]&
SAMPLE 3
NORMAL
\$[1.13267]&\$[-0.274707]&\$[4.15824]&\$[-1.5419]&\$[1.74854]&
TREATED
\$[0.00635371]&\$[-0.286904]&\$[9.97994]&\$[-0.0757686]&\$[1.6342]&
SAMPLE 4
NORMAL
\$[-6.85014]&\$[4.81577]&\$[2.92502]&\$[3.94061]&\$[-0.984493]&
TREATED
\$[-2.30647]&\$[-0.183123]&\$[-0.741636]&\$[8.82451]&\$[-3.84048]&
SAMPLE 5

NORMAL
\$[9.27701]&\$[-6.12071]&\$[5.84837]&\$[1.16058]&\$[6.03007]&
TREATED
\$[2.01957]&\$[6.4269]&\$[0.717453]&\$[7.92073]&\$[-1.90481]&
SAMPLE 6
NORMAL
\$[-0.799807]&\$[6.19552]&\$[10.3837]&\$[8.89554]&\$[-6.72192]&
TREATED
\$[-1.84385]&\$[7.06052]&\$[6.16841]&\$[2.49378]&\$[12.4221]&
SAMPLE 7
NORMAL
\$[4.88562]&\$[4.60571]&\$[8.32595]&\$[2.67715]&\$[1.42858]&
TREATED
\$[7.55609]&\$[5.99347]&\$[0.388452]&\$[0.29061]&\$[12.7066]&
SAMPLE 8
NORMAL
\$[4.02074]&\$[17.5635]&\$[-8.46656]&\$[5.04418]&\$[0.259677]&
TREATED
\$[13.0063]&\$[6.03927]&\$[1.948]&\$[-3.19749]&\$[-0.659584]&
SAMPLE 9
NORMAL
\$[-4.2835]&\$[3.14898]&\$[0.962356]&\$[-0.389022]&\$[-0.84459]&
TREATED
\$[-2.06712]&\$[6.77393]&\$[-3.2823]&\$[-16.2547]&\$[5.37796]&
SAMPLE 10
NORMAL
\$[-4.18181]&\$[2.99076]&\$[-9.01835]&\$[-4.06755]&\$[5.14882]&
TREATED
\$[7.88829]&\$[4.03033]&\$[3.80285]&\$[2.42811]&\$[-12.9212]&

CS18B053
alpha = 0.0153756
FWER = 0.292191
SAMPLE FOR TTEST : SAMPLE no. 9
SAMPLE 1
NORMAL
\$[18.4684]&\$[6.95697]&\$[6.94222]&\$[10.9209]&\$[1.57874]&
TREATED
\$[2.1815]&\$[-1.14907]&\$[14.8727]&\$[7.17227]&\$[-3.59414]&
SAMPLE 2
NORMAL
\$[0.943112]&\$[-0.291172]&\$[1.66443]&\$[2.53142]&\$[1.78856]&
TREATED
\$[10.212]&\$[17.3145]&\$[4.23227]&\$[18.538]&\$[5.17567]&
SAMPLE 3
NORMAL
\$[15.2934]&\$[-1.071]&\$[8.56179]&\$[-3.303]&\$[-6.31292]&
TREATED
\$[-0.537998]&\$[2.65098]&\$[9.23892]&\$[-0.0280529]&\$[6.93438]&
SAMPLE 4
NORMAL
\$[9.20357]&\$[0.916955]&\$[14.4801]&\$[-1.62007]&\$[-0.101316]&
TREATED

\$[9.02694]&\$[5.14884]&\$[6.38964]&\$[6.84799]&\$[-1.17684]&
SAMPLE 5
NORMAL
\$[-10.14]&\$[-9.26341]&\$[-0.108738]&\$[6.335]&\$[-10.5212]&
TREATED
\$[7.2208]&\$[6.85062]&\$[6.61208]&\$[-0.908185]&\$[5.09786]&
SAMPLE 6
NORMAL
\$[-13.0962]&\$[3.87751]&\$[10.1275]&\$[-3.82782]&\$[-1.35384]&
TREATED
\$[-24.0491]&\$[8.95776]&\$[-5.86689]&\$[0.626016]&\$[0.913304]&
SAMPLE 7
NORMAL
\$[0.535545]&\$[5.6972]&\$[-4.24231]&\$[-9.72405]&\$[-10.4474]&
TREATED
\$[3.14057]&\$[0.330899]&\$[2.87646]&\$[2.20662]&\$[1.19449]&
SAMPLE 8
NORMAL
\$[-1.87962]&\$[0.888022]&\$[-2.62938]&\$[-3.92314]&\$[2.48098]&
TREATED
\$[0.194019]&\$[0.361607]&\$[1.02147]&\$[3.45361]&\$[6.60841]&
SAMPLE 9
NORMAL
\$[9.60615]&\$[-2.01439]&\$[1.76692]&\$[-3.51831]&\$[-5.20296]&
TREATED
\$[2.2563]&\$[1.85487]&\$[5.34663]&\$[1.41532]&\$[8.56136]&
SAMPLE 10
NORMAL
\$[8.81483]&\$[0.271976]&\$[9.38791]&\$[5.44783]&\$[-4.9156]&
TREATED
\$[2.70367]&\$[-3.21934]&\$[20.848]&\$[-3.91423]&\$[-5.0582]&

CS18B055
alpha = 0.0489746
FWER = 0.397894
SAMPLE FOR TTEST : SAMPLE no. 9
SAMPLE 1
NORMAL
\$[18.8107]&\$[-14.5017]&\$[16.0371]&\$[3.48621]&\$[-3.20394]&
TREATED
\$[3.87756]&\$[-6.25115]&\$[-4.88367]&\$[7.06813]&\$[0.840038]&
SAMPLE 2
NORMAL
\$[-2.48342]&\$[4.89475]&\$[5.85772]&\$[3.12545]&\$[1.27161]&
TREATED
\$[-5.24704]&\$[7.36085]&\$[4.09442]&\$[0.215384]&\$[-5.11549]&
SAMPLE 3
NORMAL
\$[1.45454]&\$[6.06357]&\$[-1.20179]&\$[8.90739]&\$[9.87581]&
TREATED
\$[3.59241]&\$[10.3772]&\$[-4.73405]&\$[-4.26702]&\$[5.00862]&
SAMPLE 4
NORMAL

\$[1.73448]&\$[2.25614]&\$[5.83498]&\$[7.77192]&\$[5.05921]&
TREATED
\$[-8.1333]&\$[-4.11933]&\$[2.87614]&\$[11.1715]&\$[7.95149]&
SAMPLE 5
NORMAL
\$[0.790281]&\$[2.36213]&\$[-21.2751]&\$[7.64742]&\$[-5.49826]&
TREATED
\$[-4.36351]&\$[-6.92236]&\$[-2.06415]&\$[3.55143]&\$[-3.38911]&
SAMPLE 6
NORMAL
\$[9.94562]&\$[11.276]&\$[1.13737]&\$[2.43562]&\$[7.49993]&
TREATED
\$[-12.1931]&\$[9.4982]&\$[3.88946]&\$[1.062]&\$[-5.58609]&
SAMPLE 7
NORMAL
\$[4.07429]&\$[-6.60577]&\$[-5.26944]&\$[2.52108]&\$[-5.00801]&
TREATED
\$[-0.133442]&\$[-0.478208]&\$[15.272]&\$[-5.45258]&\$[4.14178]&
SAMPLE 8
NORMAL
\$[9.41603]&\$[2.62985]&\$[3.4775]&\$[5.7149]&\$[20.395]&
TREATED
\$[11.4635]&\$[-11.3762]&\$[-1.90131]&\$[8.23983]&\$[0.0199957]&
SAMPLE 9
NORMAL
\$[5.77209]&\$[-7.78856]&\$[3.72129]&\$[2.39907]&\$[12.3871]&
TREATED
\$[11.2117]&\$[6.85141]&\$[13.1488]&\$[7.00672]&\$[-15.1829]&
SAMPLE 10
NORMAL
\$[-3.4404]&\$[5.42382]&\$[-3.02465]&\$[-3.42991]&\$[10.5569]&
TREATED
\$[-3.48282]&\$[14.632]&\$[5.52276]&\$[6.734]&\$[10.4453]&

CS19B025
alpha = 0.00921669
FWER = 0.302433
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[-4.25273]&\$[2.23704]&\$[10.5918]&\$[-5.316]&\$[-4.07933]&
TREATED
\$[-9.58242]&\$[-15.604]&\$[-8.80429]&\$[-4.08023]&\$[1.71356]&
SAMPLE 2
NORMAL
\$[-5.43485]&\$[-1.32013]&\$[-7.0121]&\$[-6.15935]&\$[0.384554]&
TREATED
\$[2.36606]&\$[14.85]&\$[0.110008]&\$[8.37968]&\$[-4.41343]&
SAMPLE 3
NORMAL
\$[13.8735]&\$[-3.48211]&\$[5.42429]&\$[7.8344]&\$[2.57269]&
TREATED
\$[3.26451]&\$[9.00545]&\$[1.19376]&\$[11.1595]&\$[-1.4462]&

SAMPLE 4
NORMAL
\$[-8.95243]&\$[3.27968]&\$[-8.88268]&\$[-5.029]&\$[-4.78121]&
TREATED
\$[-10.648]&\$[-6.8318]&\$[5.76566]&\$[0.0602847]&\$[-12.6848]&
SAMPLE 5
NORMAL
\$[8.72509]&\$[8.48489]&\$[21.4155]&\$[1.39519]&\$[14.1375]&
TREATED
\$[1.90877]&\$[7.00016]&\$[13.8745]&\$[-1.65189]&\$[1.04748]&
SAMPLE 6
NORMAL
\$[-12.2756]&\$[2.81803]&\$[0.766524]&\$[-4.6932]&\$[9.51679]&
TREATED
\$[8.92805]&\$[6.16198]&\$[0.767744]&\$[5.26764]&\$[1.28426]&
SAMPLE 7
NORMAL
\$[6.47862]&\$[-3.04891]&\$[0.377711]&\$[12.2628]&\$[2.34604]&
TREATED
\$[5.21074]&\$[18.1823]&\$[5.74584]&\$[7.17303]&\$[-0.228893]&
SAMPLE 8
NORMAL
\$[-3.69718]&\$[4.72461]&\$[4.65176]&\$[-0.167508]&\$[-5.09295]&
TREATED
\$[11.0157]&\$[9.89734]&\$[3.39993]&\$[12.7431]&\$[3.02644]&
SAMPLE 9
NORMAL
\$[-12.056]&\$[3.22061]&\$[4.15888]&\$[22.1278]&\$[-0.880195]&
TREATED
\$[-4.77835]&\$[3.98028]&\$[-3.90392]&\$[10.9191]&\$[1.92211]&
SAMPLE 10
NORMAL
\$[13.609]&\$[22.7743]&\$[3.87734]&\$[8.6327]&\$[-9.35876]&
TREATED
\$[-4.89512]&\$[7.1651]&\$[-2.57253]&\$[6.80158]&\$[4.63337]&

CS19B072
alpha = 0.0360191
FWER = 0.344422
SAMPLE FOR TTEST : SAMPLE no. 6
SAMPLE 1
NORMAL
\$[4.92009]&\$[17.9941]&\$[-3.87648]&\$[-3.50633]&\$[7.20758]&
TREATED
\$[15.3071]&\$[-0.48394]&\$[0.697387]&\$[14.8681]&\$[3.21988]&
SAMPLE 2
NORMAL
\$[-14.2969]&\$[0.283286]&\$[8.82217]&\$[-11.2653]&\$[12.1656]&
TREATED
\$[9.30893]&\$[0.495258]&\$[10.0562]&\$[11.2743]&\$[3.83132]&
SAMPLE 3
NORMAL
\$[-2.83095]&\$[4.63065]&\$[5.03574]&\$[-1.29401]&\$[-8.4456]&

TREATED
\$[-6.42054]&\$[-1.7146]&\$[5.84836]&\$[-0.767041]&\$[5.98537]&
SAMPLE 4
NORMAL
\$[-2.01489]&\$[2.96832]&\$[-1.13721]&\$[3.44875]&\$[-0.0961733]&
TREATED
\$[3.64234]&\$[5.7643]&\$[0.734968]&\$[4.81744]&\$[1.97736]&
SAMPLE 5
NORMAL
\$[-8.44327]&\$[13.9794]&\$[-2.42385]&\$[-4.50396]&\$[-9.69273]&
TREATED
\$[4.05821]&\$[4.35699]&\$[-3.29968]&\$[-3.09031]&\$[-11.0407]&
SAMPLE 6
NORMAL
\$[10.8391]&\$[4.40032]&\$[10.4972]&\$[1.82656]&\$[4.78251]&
TREATED
\$[-0.582007]&\$[-10.6617]&\$[10.8339]&\$[20.9201]&\$[8.29178]&
SAMPLE 7
NORMAL
\$[11.4499]&\$[2.94908]&\$[-0.863144]&\$[2.09141]&\$[5.12033]&
TREATED
\$[6.7028]&\$[11.2084]&\$[-2.73625]&\$[12.2847]&\$[-7.96549]&
SAMPLE 8
NORMAL
\$[-0.630385]&\$[-16.9508]&\$[-6.07323]&\$[2.53641]&\$[-11.8086]&
TREATED
\$[3.35437]&\$[4.58942]&\$[7.42637]&\$[1.86203]&\$[-3.30254]&
SAMPLE 9
NORMAL
\$[1.85726]&\$[7.42771]&\$[0.765558]&\$[10.6612]&\$[2.5806]&
TREATED
\$[9.78733]&\$[2.1107]&\$[5.25176]&\$[-4.66083]&\$[16.3989]&
SAMPLE 10
NORMAL
\$[2.41646]&\$[6.31811]&\$[-3.1663]&\$[-3.53635]&\$[8.96348]&
TREATED
\$[13.4119]&\$[-1.19104]&\$[14.6537]&\$[-13.1218]&\$[18.1707]&

ED17B016
alpha = 0.0370112
FWER = 0.231631
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[0.294412]&\$[8.39749]&\$[0.462581]&\$[14.5062]&\$[-0.0247515]&
TREATED
\$[5.49274]&\$[-2.72523]&\$[-3.41292]&\$[4.68779]&\$[18.3006]&
SAMPLE 2
NORMAL
\$[-1.46374]&\$[11.7327]&\$[-4.36249]&\$[4.9047]&\$[10.1977]&
TREATED
\$[3.53861]&\$[3.24979]&\$[-1.34902]&\$[2.90736]&\$[6.27066]&
SAMPLE 3

NORMAL
\$[3.16502]&\$[6.63567]&\$[-5.01151]&\$[1.90837]&\$[6.24679]&
TREATED
\$[-6.13833]&\$[11.4254]&\$[2.35478]&\$[6.30426]&\$[21.5821]&
SAMPLE 4
NORMAL
\$[0.915934]&\$[1.46037]&\$[0.056459]&\$[0.313378]&\$[6.31665]&
TREATED
\$[-2.28437]&\$[4.13822]&\$[10.1735]&\$[0.517615]&\$[3.24428]&
SAMPLE 5
NORMAL
\$[-1.05007]&\$[0.26328]&\$[5.79226]&\$[9.75904]&\$[9.00598]&
TREATED
\$[-2.08133]&\$[5.48924]&\$[1.1507]&\$[5.86341]&\$[2.47888]&
SAMPLE 6
NORMAL
\$[4.87287]&\$[0.972324]&\$[4.11703]&\$[8.99338]&\$[1.86189]&
TREATED
\$[-3.24928]&\$[12.8096]&\$[1.28643]&\$[9.36945]&\$[10.5006]&
SAMPLE 7
NORMAL
\$[-1.65159]&\$[6.58673]&\$[0.318094]&\$[-10.5186]&\$[9.36115]&
TREATED
\$[-11.7905]&\$[0.974421]&\$[-5.04579]&\$[-4.2283]&\$[-12.0858]&
SAMPLE 8
NORMAL
\$[-6.89677]&\$[-10.1052]&\$[6.30264]&\$[5.71297]&\$[22.3258]&
TREATED
\$[-6.15956]&\$[8.18397]&\$[3.39994]&\$[3.2905]&\$[0.420216]&
SAMPLE 9
NORMAL
\$[15.8785]&\$[-2.51353]&\$[5.47122]&\$[1.78753]&\$[-2.20929]&
TREATED
\$[10.3194]&\$[-2.84977]&\$[8.31312]&\$[18.1102]&\$[7.48877]&
SAMPLE 10
NORMAL
\$[3.5858]&\$[-9.99978]&\$[1.1211]&\$[8.6039]&\$[0.827205]&
TREATED
\$[2.67625]&\$[-7.73727]&\$[5.53104]&\$[12.0796]&\$[15.6174]&

ED17B019
alpha = 0.00522635
FWER = 0.300259
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[4.48076]&\$[11.3245]&\$[20.4639]&\$[2.88499]&\$[19.8529]&
TREATED
\$[5.5897]&\$[12.6425]&\$[5.16168]&\$[4.35292]&\$[4.84151]&
SAMPLE 2
NORMAL
\$[3.05596]&\$[2.4113]&\$[4.5428]&\$[1.37975]&\$[2.10748]&
TREATED

\$[-4.94081]&,\$[9.42257]&,\$[3.19359]&,\$[7.45552]&,\$[-7.92959]&
SAMPLE 3
NORMAL
\$[26.704]&,\$[25.9562]&,\$[2.57816]&,\$[2.593]&,\$[-7.82834]&
TREATED
\$[-5.46566]&,\$[10.0862]&,\$[-1.51563]&,\$[5.54974]&,\$[-2.29629]&
SAMPLE 4
NORMAL
\$[4.38083]&,\$[-0.208595]&,\$[6.84814]&,\$[12.9725]&,\$[-0.376087]&
TREATED
\$[1.66276]&,\$[2.90816]&,\$[1.86247]&,\$[1.23641]&,\$[-1.62234]&
SAMPLE 5
NORMAL
\$[18.9306]&,\$[-3.45087]&,\$[-3.76786]&,\$[11.9516]&,\$[-2.33921]&
TREATED
\$[2.46047]&,\$[-4.37438]&,\$[-14.2849]&,\$[-0.0683068]&,\$[2.24803]&
SAMPLE 6
NORMAL
\$[1.63614]&,\$[-6.05317]&,\$[-3.36984]&,\$[2.01058]&,\$[2.00528]&
TREATED
\$[1.26876]&,\$[-6.63152]&,\$[-6.72145]&,\$[-9.88985]&,\$[-11.5201]&
SAMPLE 7
NORMAL
\$[21.9805]&,\$[-15.4649]&,\$[6.93286]&,\$[4.01636]&,\$[-0.321629]&
TREATED
\$[-2.23692]&,\$[1.92418]&,\$[-15.2988]&,\$[21.5598]&,\$[-11.7793]&
SAMPLE 8
NORMAL
\$[-1.81442]&,\$[3.34862]&,\$[-6.49936]&,\$[-1.7647]&,\$[4.11771]&
TREATED
\$[7.16141]&,\$[-3.1653]&,\$[-5.71027]&,\$[-8.88439]&,\$[-2.89626]&
SAMPLE 9
NORMAL
\$[-4.46456]&,\$[0.342831]&,\$[5.46116]&,\$[8.06206]&,\$[4.37251]&
TREATED
\$[14.8225]&,\$[8.56069]&,\$[0.274698]&,\$[7.01878]&,\$[7.23192]&
SAMPLE 10
NORMAL
\$[9.39089]&,\$[-6.54861]&,\$[-2.96514]&,\$[8.79299]&,\$[9.63575]&
TREATED
\$[-0.580626]&,\$[4.33431]&,\$[7.55662]&,\$[-5.02273]&,\$[2.93543]&

ED17B022
alpha = 0.0433138
FWER = 0.322235
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[-1.6648]&,\$[-5.58043]&,\$[3.60326]&,\$[3.98487]&,\$[3.18217]&
TREATED
\$[6.651]&,\$[-1.02187]&,\$[-8.98309]&,\$[-3.27508]&,\$[-1.50233]&
SAMPLE 2
NORMAL

\$[-10.8011]&,\$[11.954]&,\$[-6.07718]&,\$[-2.35006]&,\$[-2.40119]&
TREATED
\$[11.1355]&,\$[-3.70765]&,\$[8.29247]&,\$[2.53911]&,\$[3.15639]&
SAMPLE 3
NORMAL
\$[-0.548432]&,\$[-7.33258]&,\$[3.2025]&,\$[1.91605]&,\$[6.83615]&
TREATED
\$[0.807757]&,\$[1.01289]&,\$[-0.891764]&,\$[-0.366062]&,\$[-2.68024]&
SAMPLE 4
NORMAL
\$[-1.17853]&,\$[-2.59233]&,\$[-4.17172]&,\$[10.4415]&,\$[12.7906]&
TREATED
\$[4.26378]&,\$[4.06891]&,\$[-8.71895]&,\$[13.3836]&,\$[-0.700031]&
SAMPLE 5
NORMAL
\$[11.5904]&,\$[-21.3598]&,\$[-4.02639]&,\$[-12.2675]&,\$[-3.61492]&
TREATED
\$[0.0922888]&,\$[1.63212]&,\$[0.594573]&,\$[0.452893]&,\$[1.45143]&
SAMPLE 6
NORMAL
\$[3.94649]&,\$[1.90722]&,\$[9.02196]&,\$[9.46008]&,\$[0.451995]&
TREATED
\$[2.53045]&,\$[6.57847]&,\$[-1.5375]&,\$[-3.92946]&,\$[-5.22845]&
SAMPLE 7
NORMAL
\$[2.91319]&,\$[6.12481]&,\$[7.57622]&,\$[3.56999]&,\$[6.06242]&
TREATED
\$[6.49966]&,\$[-1.76712]&,\$[4.17065]&,\$[5.16717]&,\$[-0.955245]&
SAMPLE 8
NORMAL
\$[-7.61543]&,\$[4.03442]&,\$[-7.29355]&,\$[-16.6542]&,\$[-0.616184]&
TREATED
\$[8.03469]&,\$[-1.16488]&,\$[-0.204969]&,\$[5.47206]&,\$[-5.61362]&
SAMPLE 9
NORMAL
\$[-3.08641]&,\$[-0.0293475]&,\$[-1.9596]&,\$[-1.89533]&,\$[7.72356]&
TREATED
\$[3.36245]&,\$[6.22419]&,\$[6.505]&,\$[0.403332]&,\$[-1.86539]&
SAMPLE 10
NORMAL
\$[2.3196]&,\$[0.772703]&,\$[1.22607]&,\$[1.62007]&,\$[2.39735]&
TREATED
\$[5.95172]&,\$[8.5008]&,\$[15.1764]&,\$[4.62688]&,\$[9.04363]&

ED17B026
alpha = 0.0274427
FWER = 0.281945

SAMPLE FOR TTEST : SAMPLE no. 7

SAMPLE 1

NORMAL

\$[0.232174]&,\$[5.44244]&,\$[-5.49929]&,\$[2.89066]&,\$[9.41485]&
TREATED
\$[14.1948]&,\$[19.3168]&,\$[12.6254]&,\$[10.5818]&,\$[-1.55188]&

SAMPLE 2
NORMAL
\$[-1.50389]&\$[-0.772232]&\$[3.51535]&\$[-5.819]&\$[-1.84223]&
TREATED
\$[-4.13218]&\$[0.295432]&\$[-14.9117]&\$[-8.42311]&\$[-8.24437]&
SAMPLE 3
NORMAL
\$[1.02691]&\$[4.57508]&\$[3.64127]&\$[1.79656]&\$[3.5183]&
TREATED
\$[-5.7571]&\$[-1.45333]&\$[-5.07728]&\$[1.21686]&\$[11.1665]&
SAMPLE 4
NORMAL
\$[-4.87078]&\$[-6.84188]&\$[-6.09898]&\$[-9.6651]&\$[5.00069]&
TREATED
\$[-1.94649]&\$[-0.14433]&\$[-5.0737]&\$[-3.86107]&\$[0.818405]&
SAMPLE 5
NORMAL
\$[1.68899]&\$[1.16037]&\$[0.813324]&\$[2.47427]&\$[4.37694]&
TREATED
\$[3.70322]&\$[3.64789]&\$[1.26407]&\$[3.11858]&\$[2.352]&
SAMPLE 6
NORMAL
\$[-6.78126]&\$[-21.2377]&\$[3.02094]&\$[-9.18265]&\$[7.14676]&
TREATED
\$[1.75365]&\$[8.91149]&\$[-4.55324]&\$[2.5782]&\$[9.0179]&
SAMPLE 7
NORMAL
\$[-4.19423]&\$[9.7484]&\$[-20.375]&\$[5.56269]&\$[0.902051]&
TREATED
\$[-19.6186]&\$[5.86832]&\$[-6.16724]&\$[-3.97624]&\$[3.15832]&
SAMPLE 8
NORMAL
\$[5.43798]&\$[3.30233]&\$[15.7905]&\$[-7.55472]&\$[-3.02264]&
TREATED
\$[-6.15676]&\$[8.19586]&\$[-5.92145]&\$[-2.26402]&\$[0.201979]&
SAMPLE 9
NORMAL
\$[13.4183]&\$[-2.93929]&\$[2.7402]&\$[8.96096]&\$[1.35572]&
TREATED
\$[11.8046]&\$[-10.274]&\$[-10.1104]&\$[-5.52857]&\$[1.14051]&
SAMPLE 10
NORMAL
\$[-3.6558]&\$[5.54755]&\$[-8.38083]&\$[8.41698]&\$[3.37212]&
TREATED
\$[4.38815]&\$[2.53705]&\$[4.053]&\$[5.42342]&\$[3.88402]&

ED17B035
alpha = 0.0203283
FWER = 0.202076
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[-8.88902]&\$[0.399856]&\$[-3.28284]&\$[-11.4758]&\$[10.7275]&

TREATED
\$[7.40376]&\$[-2.43377]&\$[2.14655]&\$[-5.86682]&\$[1.67787]&
SAMPLE 2
NORMAL
\$[-12.8226]&\$[8.13796]&\$[14.1227]&\$[-19.8984]&\$[8.31579]&
TREATED
\$[1.47065]&\$[2.16456]&\$[6.01596]&\$[5.07813]&\$[0.17922]&
SAMPLE 3
NORMAL
\$[5.58779]&\$[3.07897]&\$[-1.79925]&\$[4.08229]&\$[3.0024]&
TREATED
\$[9.09787]&\$[-4.18246]&\$[-6.14301]&\$[-3.3349]&\$[16.6332]&
SAMPLE 4
NORMAL
\$[-1.66969]&\$[1.84843]&\$[6.25569]&\$[-6.4633]&\$[-4.32445]&
TREATED
\$[3.66948]&\$[-6.69166]&\$[-2.05697]&\$[6.12082]&\$[-6.15392]&
SAMPLE 5
NORMAL
\$[-15.2278]&\$[-0.0717204]&\$[-1.11917]&\$[-0.287765]&\$[20.0171]&
TREATED
\$[7.15438]&\$[-3.65648]&\$[1.17625]&\$[3.42719]&\$[0.658342]&
SAMPLE 6
NORMAL
\$[0.978315]&\$[3.92563]&\$[2.90149]&\$[-3.35041]&\$[2.3294]&
TREATED
\$[2.30278]&\$[0.622357]&\$[2.91683]&\$[5.55029]&\$[4.58757]&
SAMPLE 7
NORMAL
\$[5.53816]&\$[3.36115]&\$[8.72454]&\$[8.24122]&\$[10.7903]&
TREATED
\$[20.8098]&\$[13.6108]&\$[-11.9179]&\$[-3.3028]&\$[13.8539]&
SAMPLE 8
NORMAL
\$[-18.2522]&\$[-3.90062]&\$[2.38962]&\$[18.8215]&\$[2.95144]&
TREATED
\$[4.36754]&\$[-7.5363]&\$[5.58343]&\$[-5.02321]&\$[-4.99855]&
SAMPLE 9
NORMAL
\$[2.7848]&\$[-8.02523]&\$[-16.3233]&\$[-1.30656]&\$[0.233817]&
TREATED
\$[-0.721194]&\$[-0.0233117]&\$[6.08989]&\$[7.53552]&\$[0.00324193]&
SAMPLE 10
NORMAL
\$[2.08118]&\$[0.143283]&\$[-0.0631806]&\$[-1.68789]&\$[-5.64497]&
TREATED
\$[7.50275]&\$[11.6979]&\$[9.28901]&\$[6.36915]&\$[-1.20867]&

ED17B036
alpha = 0.0358123
FWER = 0.371457
SAMPLE FOR TTEST : SAMPLE no. 9
SAMPLE 1

NORMAL
\$[14.7992]&\$[12.9354]&\$[-2.98819]&\$[-5.76905]&\$[-8.52342]&
TREATED
\$[7.36824]&\$[-0.000263082]&\$[11.4013]&\$[4.2846]&\$[0.0251653]&
SAMPLE 2
NORMAL
\$[9.14061]&\$[-12.503]&\$[12.9621]&\$[7.16858]&\$[2.6211]&
TREATED
\$[6.8123]&\$[-0.0701232]&\$[-1.26598]&\$[-4.38634]&\$[1.15949]&
SAMPLE 3
NORMAL
\$[2.35243]&\$[5.92101]&\$[9.55876]&\$[-1.97444]&\$[15.9524]&
TREATED
\$[-2.45239]&\$[0.287084]&\$[-11.1589]&\$[-2.81655]&\$[3.8794]&
SAMPLE 4
NORMAL
\$[3.64768]&\$[-3.77441]&\$[8.58206]&\$[10.8091]&\$[4.85943]&
TREATED
\$[0.281531]&\$[-3.16082]&\$[12.0935]&\$[2.1343]&\$[-6.5752]&
SAMPLE 5
NORMAL
\$[4.39102]&\$[1.05258]&\$[4.83449]&\$[13.3126]&\$[6.07887]&
TREATED
\$[-0.492722]&\$[15.0535]&\$[-1.95792]&\$[-3.06879]&\$[-3.23628]&
SAMPLE 6
NORMAL
\$[-6.54496]&\$[20.1257]&\$[3.52766]&\$[7.62648]&\$[18.0362]&
TREATED
\$[1.63626]&\$[-7.02968]&\$[7.39584]&\$[4.01988]&\$[8.08044]&
SAMPLE 7
NORMAL
\$[-2.25332]&\$[13.2907]&\$[1.92232]&\$[5.9699]&\$[5.26389]&
TREATED
\$[-0.849741]&\$[12.8768]&\$[7.18124]&\$[11.0293]&\$[-0.134828]&
SAMPLE 8
NORMAL
\$[5.31453]&\$[8.81042]&\$[-0.0560596]&\$[8.09014]&\$[3.81686]&
TREATED
\$[-4.17946]&\$[-8.84625]&\$[-4.79262]&\$[7.6044]&\$[4.44337]&
SAMPLE 9
NORMAL
\$[-0.711596]&\$[-2.48025]&\$[9.47753]&\$[-1.42133]&\$[6.15774]&
TREATED
\$[2.54506]&\$[1.48345]&\$[14.285]&\$[3.56238]&\$[3.56167]&
SAMPLE 10
NORMAL
\$[-10.8212]&\$[10.4919]&\$[26.7415]&\$[-10.7532]&\$[9.29841]&
TREATED
\$[-4.84937]&\$[1.6188]&\$[8.95941]&\$[2.42535]&\$[-20.1413]&

ED17B039
alpha = 0.0349674
FWER = 0.323509

SAMPLE FOR TTEST : SAMPLE no. 2

SAMPLE 1

NORMAL

\$[9.61682]&\$[7.11029]&\$[0.68506]&\$[3.0415]&\$[11.1025]&

TREATED

\$[14.7903]&\$[12.86]&\$[7.71803]&\$[4.48326]&\$[-3.41498]&

SAMPLE 2

NORMAL

\$[-13.9536]&\$[10.6614]&\$[-1.49619]&\$[-0.787971]&\$[8.37325]&

TREATED

\$[-4.91392]&\$[29.1846]&\$[11.5882]&\$[1.84918]&\$[-4.18218]&

SAMPLE 3

NORMAL

\$[1.34401]&\$[-2.165]&\$[3.59195]&\$[4.65607]&\$[4.98756]&

TREATED

\$[0.11014]&\$[-0.653106]&\$[-9.23813]&\$[-3.85667]&\$[-12.3244]&

SAMPLE 4

NORMAL

\$[-3.90283]&\$[-10.5591]&\$[7.10255]&\$[-5.04812]&\$[1.71678]&

TREATED

\$[-15.9641]&\$[2.0222]&\$[-6.11294]&\$[9.64418]&\$[10.7003]&

SAMPLE 5

NORMAL

\$[-6.26539]&\$[21.766]&\$[3.60414]&\$[-0.374472]&\$[6.14594]&

TREATED

\$[-2.31589]&\$[-1.68998]&\$[0.329455]&\$[-1.85513]&\$[3.02081]&

SAMPLE 6

NORMAL

\$[3.65915]&\$[8.85538]&\$[4.29864]&\$[4.63964]&\$[0.411627]&

TREATED

\$[1.19379]&\$[4.75135]&\$[1.10995]&\$[9.92842]&\$[1.79457]&

SAMPLE 7

NORMAL

\$[7.75439]&\$[3.46782]&\$[-1.00007]&\$[-3.37919]&\$[10.2345]&

TREATED

\$[0.63432]&\$[0.106611]&\$[5.66088]&\$[4.31167]&\$[6.05066]&

SAMPLE 8

NORMAL

\$[8.72692]&\$[0.231254]&\$[0.989129]&\$[0.615431]&\$[3.11017]&

TREATED

\$[-7.65257]&\$[-9.32187]&\$[-4.96563]&\$[2.14045]&\$[-0.669625]&

SAMPLE 9

NORMAL

\$[-4.10269]&\$[-6.23021]&\$[3.58572]&\$[-3.58913]&\$[4.50768]&

TREATED

\$[6.90038]&\$[7.46095]&\$[-5.8376]&\$[4.15999]&\$[12.9563]&

SAMPLE 10

NORMAL

\$[4.61196]&\$[7.10751]&\$[8.83665]&\$[5.73413]&\$[17.2224]&

TREATED

\$[2.32065]&\$[-0.654661]&\$[1.96496]&\$[-5.57446]&\$[11.5417]&

ED17B041

alpha = 0.0268652
FWER = 0.281958
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[0.269567]&,\$[2.0764]&,\$[-0.62361]&,\$[-3.51504]&,\$[-0.778778]&
TREATED
\$[8.31198]&,\$[8.36423]&,\$[1.0538]&,\$[2.78776]&,\$[-1.00762]&
SAMPLE 2
NORMAL
\$[1.05099]&,\$[7.79342]&,\$[7.7573]&,\$[9.0037]&,\$[1.51489]&
TREATED
\$[21.6243]&,\$[0.941856]&,\$[-0.836503]&,\$[5.66411]&,\$[19.3918]&
SAMPLE 3
NORMAL
\$[11.3334]&,\$[4.44502]&,\$[-0.272856]&,\$[14.1468]&,\$[4.43977]&
TREATED
\$[1.08564]&,\$[4.23345]&,\$[4.25133]&,\$[9.603]&,\$[-1.78488]&
SAMPLE 4
NORMAL
\$[3.3592]&,\$[4.03046]&,\$[-2.54065]&,\$[10.2339]&,\$[4.93414]&
TREATED
\$[2.0768]&,\$[5.20225]&,\$[17.8483]&,\$[16.1482]&,\$[13.7901]&
SAMPLE 5
NORMAL
\$[-8.51915]&,\$[-6.3234]&,\$[-1.98031]&,\$[7.32062]&,\$[-0.217202]&
TREATED
\$[10.7563]&,\$[-3.59848]&,\$[1.63691]&,\$[-1.97944]&,\$[-4.81351]&
SAMPLE 6
NORMAL
\$[7.60961]&,\$[-4.01097]&,\$[3.04656]&,\$[3.38033]&,\$[10.8035]&
TREATED
\$[6.99295]&,\$[15.3166]&,\$[6.8954]&,\$[12.8576]&,\$[3.83335]&
SAMPLE 7
NORMAL
\$[4.63242]&,\$[0.0770457]&,\$[10.7871]&,\$[7.98613]&,\$[8.0829]&
TREATED
\$[-7.06728]&,\$[-4.86441]&,\$[-21.7746]&,\$[2.87319]&,\$[19.8363]&
SAMPLE 8
NORMAL
\$[-7.89878]&,\$[13.6212]&,\$[6.11511]&,\$[12.9224]&,\$[-19.2749]&
TREATED
\$[1.08075]&,\$[6.04903]&,\$[17.1585]&,\$[2.28254]&,\$[-1.1038]&
SAMPLE 9
NORMAL
\$[9.83168]&,\$[2.39802]&,\$[3.78241]&,\$[-11.945]&,\$[14.4773]&
TREATED
\$[7.64727]&,\$[13.0758]&,\$[3.41414]&,\$[-0.162595]&,\$[4.66658]&
SAMPLE 10
NORMAL
\$[2.60803]&,\$[0.442094]&,\$[-8.27694]&,\$[8.66416]&,\$[0.591437]&
TREATED
\$[10.5649]&,\$[2.44447]&,\$[2.22484]&,\$[1.97396]&,\$[4.93611]&

ED17B047

alpha = 0.0187458

FWER = 0.332042

SAMPLE FOR TTEST : SAMPLE no. 7

SAMPLE 1

NORMAL

\$[6.6043]&,\$[-3.79356]&,\$[-4.6467]&,\$[-5.52421]&,\$[-12.2209]&

TREATED

\$[-1.36164]&,\$[-0.181554]&,\$[11.9196]&,\$[-3.0633]&,\$[12.8582]&

SAMPLE 2

NORMAL

\$[10.1038]&,\$[9.59533]&,\$[0.499911]&,\$[1.99012]&,\$[2.50319]&

TREATED

\$[-6.14436]&,\$[6.13725]&,\$[-1.46627]&,\$[-1.83901]&,\$[-7.52617]&

SAMPLE 3

NORMAL

\$[-5.38698]&,\$[-4.38003]&,\$[4.01552]&,\$[-1.02238]&,\$[3.95575]&

TREATED

\$[3.45223]&,\$[5.25135]&,\$[14.3381]&,\$[11.9306]&,\$[-2.85233]&

SAMPLE 4

NORMAL

\$[10.6679]&,\$[-12.1342]&,\$[4.53335]&,\$[0.751777]&,\$[5.42691]&

TREATED

\$[1.64814]&,\$[-0.578929]&,\$[-0.900202]&,\$[3.94304]&,\$[0.280897]&

SAMPLE 5

NORMAL

\$[12.8689]&,\$[5.42218]&,\$[10.4662]&,\$[14.5805]&,\$[0.81067]&

TREATED

\$[0.201353]&,\$[-6.08001]&,\$[-12.0786]&,\$[9.34832]&,\$[-5.05359]&

SAMPLE 6

NORMAL

\$[14.2576]&,\$[16.083]&,\$[12.4794]&,\$[-6.18174]&,\$[14.0827]&

TREATED

\$[-2.08888]&,\$[0.184896]&,\$[3.50998]&,\$[-4.64972]&,\$[6.48892]&

SAMPLE 7

NORMAL

\$[-0.991558]&,\$[-0.892598]&,\$[3.20827]&,\$[-1.70321]&,\$[0.559765]&

TREATED

\$[9.41567]&,\$[1.16744]&,\$[4.15918]&,\$[16.5566]&,\$[14.1896]&

SAMPLE 8

NORMAL

\$[-1.75542]&,\$[7.12604]&,\$[-0.401826]&,\$[1.41645]&,\$[2.66393]&

TREATED

\$[10.095]&,\$[-10.2514]&,\$[12.8292]&,\$[14.145]&,\$[-5.067]&

SAMPLE 9

NORMAL

\$[3.53635]&,\$[6.08365]&,\$[-5.72831]&,\$[-7.96548]&,\$[7.36277]&

TREATED

\$[0.389931]&,\$[-0.0424651]&,\$[0.380833]&,\$[2.39139]&,\$[3.49372]&

SAMPLE 10

NORMAL

\$[-4.75625]&,\$[-2.8591]&,\$[0.245353]&,\$[0.655511]&,\$[25.8566]&

TREATED

\$[-7.3539]&\$[21.2359]&\$[7.55487]&\$[7.2762]&\$[3.83874]&

ED17B053

alpha = 0.0086543

FWER = 0.376111

SAMPLE FOR TTEST : SAMPLE no. 1

SAMPLE 1

NORMAL

\$[-12.8394]&\$[14.2764]&\$[15.6143]&\$[-6.14487]&\$[-2.5812]&
TREATED

\$[9.26464]&\$[7.49575]&\$[3.66026]&\$[15.0114]&\$[-6.6407]&
SAMPLE 2

NORMAL

\$[7.74048]&\$[-2.23067]&\$[3.76579]&\$[5.36464]&\$[10.1445]&
TREATED

\$[1.15757]&\$[3.70796]&\$[4.13195]&\$[-4.90981]&\$[-0.635359]&
SAMPLE 3

NORMAL

\$[1.30718]&\$[0.776514]&\$[8.31293]&\$[12.9287]&\$[9.20495]&
TREATED

\$[12.9465]&\$[-2.67256]&\$[-12.2667]&\$[3.63929]&\$[-0.0054023]&
SAMPLE 4

NORMAL

\$[18.6062]&\$[15.234]&\$[5.64612]&\$[10.4108]&\$[6.20412]&
TREATED

\$[-1.57861]&\$[-2.84129]&\$[3.88535]&\$[1.76125]&\$[4.95015]&
SAMPLE 5

NORMAL

\$[-6.05495]&\$[18.3128]&\$[9.42853]&\$[-3.85829]&\$[2.40264]&
TREATED

\$[7.31792]&\$[6.65468]&\$[10.1278]&\$[5.46868]&\$[11.1735]&
SAMPLE 6

NORMAL

\$[6.43145]&\$[1.04282]&\$[1.8414]&\$[1.14799]&\$[6.02283]&
TREATED

\$[-15.4619]&\$[-2.10388]&\$[15.1795]&\$[-14.9773]&\$[18.8488]&
SAMPLE 7

NORMAL

\$[-1.63093]&\$[-11.4801]&\$[7.40368]&\$[3.64596]&\$[-10.4184]&
TREATED

\$[2.62159]&\$[5.30996]&\$[6.26656]&\$[-3.66033]&\$[-3.60271]&
SAMPLE 8

NORMAL

\$[12.2306]&\$[7.70781]&\$[13.0013]&\$[-7.72064]&\$[7.06046]&
TREATED

\$[-8.42887]&\$[17.3803]&\$[3.93734]&\$[-3.35165]&\$[8.12467]&
SAMPLE 9

NORMAL

\$[3.81164]&\$[-1.32568]&\$[-4.77031]&\$[6.54143]&\$[-2.80302]&
TREATED

\$[0.525438]&\$[0.729849]&\$[1.47002]&\$[6.2066]&\$[7.7952]&
SAMPLE 10

NORMAL

\$[-1.99884]&\$[-3.15508]&\$[-1.01342]&\$[-2.99095]&\$[-10.7114]&
TREATED
\$[5.26726]&\$[-2.5444]&\$[-10.7408]&\$[-7.13827]&\$[-1.75531]&

ED17B056

alpha = 0.04848

FWER = 0.274437

SAMPLE FOR TTEST : SAMPLE no. 6

SAMPLE 1

NORMAL

\$[7.45156]&\$[10.9197]&\$[-6.57711]&\$[18.1822]&\$[8.30294]&
TREATED

\$[6.62843]&\$[5.86168]&\$[7.70371]&\$[7.10531]&\$[6.12657]&
SAMPLE 2

NORMAL

\$[2.3224]&\$[4.9182]&\$[-0.569649]&\$[2.65241]&\$[0.286113]&
TREATED

\$[-3.0288]&\$[-9.95101]&\$[15.5473]&\$[-3.59736]&\$[2.55478]&
SAMPLE 3

NORMAL

\$[21.5679]&\$[11.1919]&\$[5.15576]&\$[5.58866]&\$[-5.2123]&
TREATED

\$[-2.06006]&\$[-2.91267]&\$[-2.40964]&\$[-13.3611]&\$[-6.11871]&
SAMPLE 4

NORMAL

\$[4.25105]&\$[1.67437]&\$[6.93569]&\$[5.9176]&\$[5.93905]&
TREATED

\$[-6.67854]&\$[0.473223]&\$[-2.12004]&\$[0.996319]&\$[9.56593]&
SAMPLE 5

NORMAL

\$[-6.96068]&\$[0.422818]&\$[4.46764]&\$[-3.04867]&\$[-6.76921]&
TREATED

\$[12.2345]&\$[10.2052]&\$[6.69674]&\$[24.1091]&\$[10.6722]&
SAMPLE 6

NORMAL

\$[-5.33106]&\$[-0.325017]&\$[-13.055]&\$[2.85517]&\$[5.75786]&
TREATED

\$[-6.16648]&\$[2.19693]&\$[-0.426767]&\$[1.14596]&\$[1.50661]&
SAMPLE 7

NORMAL

\$[14.417]&\$[-9.44356]&\$[5.24825]&\$[9.47997]&\$[11.8987]&
TREATED

\$[11.4059]&\$[1.51878]&\$[17.0012]&\$[4.42386]&\$[3.25092]&
SAMPLE 8

NORMAL

\$[-2.6137]&\$[-9.87686]&\$[15.4863]&\$[23.8667]&\$[1.59801]&
TREATED

\$[4.44523]&\$[17.7395]&\$[-21.9174]&\$[8.10607]&\$[-1.37668]&
SAMPLE 9

NORMAL

\$[4.05582]&\$[4.84618]&\$[5.79488]&\$[4.02058]&\$[3.64527]&
TREATED

\$[19.8331]&\$[2.26641]&\$[2.47851]&\$[14.9944]&\$[3.46706]&

SAMPLE 10

NORMAL

\$[3.84086]&\$[1.9349]&\$[2.12716]&\$[3.28574]&\$[2.96383]&
TREATED
\$[7.63314]&\$[-1.36835]&\$[-4.18746]&\$[-5.35948]&\$[-2.25914]&

EE17B112

alpha = 0.00439933

FWER = 0.28355

SAMPLE FOR TTEST : SAMPLE no. 6

SAMPLE 1

NORMAL

\$[8.20612]&\$[7.05858]&\$[-5.65456]&\$[3.75909]&\$[10.7826]&
TREATED

\$[-3.36788]&\$[-14.0588]&\$[-2.9572]&\$[5.15704]&\$[3.01935]&
SAMPLE 2

NORMAL

\$[6.83818]&\$[0.751403]&\$[8.75171]&\$[-3.15131]&\$[4.09912]&
TREATED

\$[1.52749]&\$[5.34052]&\$[-6.2818]&\$[18.8625]&\$[-3.32721]&
SAMPLE 3

NORMAL

\$[4.45516]&\$[0.230076]&\$[11.7843]&\$[1.97683]&\$[10.5611]&
TREATED

\$[-4.21206]&\$[2.96132]&\$[1.16754]&\$[1.07469]&\$[-0.122677]&
SAMPLE 4

NORMAL

\$[9.35338]&\$[7.48001]&\$[1.25424]&\$[8.22521]&\$[5.65846]&
TREATED

\$[0.692851]&\$[7.78319]&\$[5.68929]&\$[1.76721]&\$[0.714148]&
SAMPLE 5

NORMAL

\$[-7.72163]&\$[3.9952]&\$[1.48435]&\$[1.28331]&\$[7.20676]&
TREATED

\$[5.92283]&\$[-0.367306]&\$[-1.72149]&\$[1.19709]&\$[3.31509]&
SAMPLE 6

NORMAL

\$[4.54735]&\$[-4.06571]&\$[0.134914]&\$[-4.25803]&\$[0.525324]&
TREATED

\$[1.62177]&\$[1.33975]&\$[-1.09096]&\$[2.72627]&\$[-1.86971]&
SAMPLE 7

NORMAL

\$[2.84856]&\$[1.82139]&\$[9.96343]&\$[-0.24928]&\$[4.76721]&
TREATED

\$[4.58639]&\$[4.96625]&\$[4.8208]&\$[-2.60553]&\$[3.41415]&
SAMPLE 8

NORMAL

\$[0.895298]&\$[1.75876]&\$[6.88286]&\$[-4.69606]&\$[1.94514]&
TREATED

\$[6.88541]&\$[-1.55029]&\$[4.61466]&\$[-0.164145]&\$[1.70533]&
SAMPLE 9

NORMAL

\$[10.4648]&\$[8.57917]&\$[15.8817]&\$[15.5862]&\$[-2.25629]&

TREATED
\$[3.60349]&\$[7.489]&\$[5.2207]&\$[7.22533]&\$[4.79528]&
SAMPLE 10
NORMAL
\$[-4.81692]&\$[16.5639]&\$[7.7151]&\$[2.49952]&\$[-1.82801]&
TREATED
\$[5.55443]&\$[-7.22599]&\$[16.4102]&\$[11.6821]&\$[-3.00706]&

EE17B115
alpha = 0.0149257
FWER = 0.391766
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[4.25384]&\$[13.83]&\$[8.66636]&\$[9.35953]&\$[6.94802]&
TREATED
\$[-0.98606]&\$[7.78803]&\$[3.78291]&\$[3.11288]&\$[-3.78258]&
SAMPLE 2
NORMAL
\$[8.67554]&\$[6.38552]&\$[-5.24081]&\$[0.267491]&\$[-6.75881]&
TREATED
\$[0.467386]&\$[6.3928]&\$[0.462173]&\$[3.87985]&\$[9.25931]&
SAMPLE 3
NORMAL
\$[2.97899]&\$[-0.755221]&\$[2.47069]&\$[2.28096]&\$[-3.95087]&
TREATED
\$[-9.74968]&\$[25.2667]&\$[8.60719]&\$[-2.51462]&\$[4.36931]&
SAMPLE 4
NORMAL
\$[5.07084]&\$[-2.44298]&\$[9.4833]&\$[2.3814]&\$[8.92199]&
TREATED
\$[1.40151]&\$[2.23679]&\$[-2.87338]&\$[6.89538]&\$[9.33936]&
SAMPLE 5
NORMAL
\$[12.991]&\$[-5.01545]&\$[-3.41145]&\$[2.22403]&\$[-8.79103]&
TREATED
\$[1.45407]&\$[-3.68083]&\$[-3.42642]&\$[-7.96713]&\$[5.92439]&
SAMPLE 6
NORMAL
\$[-3.11647]&\$[1.74413]&\$[3.22274]&\$[-0.644017]&\$[-3.00383]&
TREATED
\$[-1.69813]&\$[3.98905]&\$[6.33685]&\$[4.32102]&\$[1.97618]&
SAMPLE 7
NORMAL
\$[4.69572]&\$[1.77242]&\$[-1.11148]&\$[5.29554]&\$[4.07808]&
TREATED
\$[5.57833]&\$[4.42516]&\$[7.84212]&\$[2.96579]&\$[1.77354]&
SAMPLE 8
NORMAL
\$[-1.78726]&\$[-13.0429]&\$[-0.30353]&\$[-5.14679]&\$[-1.28027]&
TREATED
\$[2.82495]&\$[4.16104]&\$[1.34061]&\$[2.85331]&\$[5.30476]&
SAMPLE 9

NORMAL
\$[10.6672]&\$[-3.4296]&\$[1.80439]&\$[9.38152]&\$[-1.318]&
TREATED
\$[-5.88574]&\$[8.19212]&\$[-5.8228]&\$[-4.89711]&\$[6.79257]&
SAMPLE 10
NORMAL
\$[-19.4398]&\$[9.16488]&\$[-16.3679]&\$[4.11274]&\$[-3.43815]&
TREATED
\$[5.79784]&\$[8.25468]&\$[-3.08495]&\$[5.86713]&\$[1.32244]&

EE17B130
alpha = 0.0438116
FWER = 0.228103
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[4.92859]&\$[1.5544]&\$[4.91386]&\$[-7.14012]&\$[-22.2965]&
TREATED
\$[-1.74879]&\$[0.290311]&\$[-4.66463]&\$[3.46767]&\$[-12.2136]&
SAMPLE 2
NORMAL
\$[-0.999089]&\$[1.8444]&\$[9.08997]&\$[-4.78134]&\$[6.71479]&
TREATED
\$[7.13389]&\$[6.5266]&\$[0.936691]&\$[3.00228]&\$[-5.75234]&
SAMPLE 3
NORMAL
\$[13.3452]&\$[16.5973]&\$[-3.32298]&\$[-4.75155]&\$[0.779084]&
TREATED
\$[10.1999]&\$[-20.151]&\$[0.0294364]&\$[4.72215]&\$[-5.19432]&
SAMPLE 4
NORMAL
\$[13.667]&\$[-2.06326]&\$[8.66979]&\$[1.75291]&\$[3.35009]&
TREATED
\$[4.62893]&\$[0.025145]&\$[6.25066]&\$[12.697]&\$[-1.52702]&
SAMPLE 5
NORMAL
\$[9.16961]&\$[-8.11507]&\$[-2.38911]&\$[3.18727]&\$[3.99705]&
TREATED
\$[-5.9956]&\$[-2.8956]&\$[-15.3098]&\$[-1.16825]&\$[-10.005]&
SAMPLE 6
NORMAL
\$[-2.3161]&\$[3.11551]&\$[13.1376]&\$[0.135605]&\$[4.79603]&
TREATED
\$[2.5347]&\$[0.609831]&\$[7.09638]&\$[3.64899]&\$[4.20878]&
SAMPLE 7
NORMAL
\$[-8.7402]&\$[-1.52124]&\$[3.60332]&\$[8.40413]&\$[0.816873]&
TREATED
\$[-4.51263]&\$[2.02585]&\$[9.66625]&\$[-7.88941]&\$[2.25795]&
SAMPLE 8
NORMAL
\$[3.30692]&\$[8.04813]&\$[-0.256563]&\$[-17.8553]&\$[-8.01462]&
TREATED

\$[-8.45339]&\$[-0.243935]&\$[5.73295]&\$[2.59563]&\$[7.04802]&
SAMPLE 9
NORMAL
\$[-0.794868]&\$[5.87087]&\$[7.63212]&\$[4.93392]&\$[-3.06357]&
TREATED
\$[-6.13412]&\$[-0.75943]&\$[13.3823]&\$[17.3952]&\$[1.59704]&
SAMPLE 10
NORMAL
\$[-1.18386]&\$[-6.76406]&\$[-13.4392]&\$[9.8503]&\$[9.56182]&
TREATED
\$[21.8828]&\$[14.7693]&\$[-9.53856]&\$[0.304899]&\$[-9.41142]&

EE17B131
alpha = 0.0238526
FWER = 0.229118
SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1
NORMAL
\$[6.57607]&\$[3.08469]&\$[6.76251]&\$[23.4146]&\$[-0.97316]&
TREATED
\$[0.712946]&\$[7.84538]&\$[1.19411]&\$[4.92138]&\$[7.95449]&
SAMPLE 2
NORMAL
\$[9.72524]&\$[-8.05886]&\$[-4.06941]&\$[-7.66]&\$[7.51848]&
TREATED
\$[1.88809]&\$[3.81214]&\$[0.981942]&\$[3.96291]&\$[7.58191]&
SAMPLE 3
NORMAL
\$[4.64629]&\$[8.61925]&\$[1.23524]&\$[3.41881]&\$[1.57836]&
TREATED
\$[5.02526]&\$[18.4119]&\$[14.2267]&\$[-4.47809]&\$[4.84172]&
SAMPLE 4
NORMAL
\$[6.20077]&\$[2.65358]&\$[3.63839]&\$[6.59351]&\$[-2.41566]&
TREATED
\$[6.04314]&\$[6.75917]&\$[0.649063]&\$[5.02572]&\$[12.9707]&
SAMPLE 5
NORMAL
\$[-22.999]&\$[2.99565]&\$[-2.37863]&\$[7.97533]&\$[-2.67704]&
TREATED
\$[-1.09749]&\$[10.8339]&\$[-3.08762]&\$[11.6183]&\$[-13.8145]&
SAMPLE 6
NORMAL
\$[4.7312]&\$[2.01672]&\$[-1.60959]&\$[1.16473]&\$[-1.13464]&
TREATED
\$[3.62955]&\$[5.97514]&\$[3.93047]&\$[2.5569]&\$[8.01214]&
SAMPLE 7
NORMAL
\$[-12.6386]&\$[9.38623]&\$[-4.44333]&\$[-2.62754]&\$[-2.88105]&
TREATED
\$[-0.520398]&\$[-1.08878]&\$[-0.694081]&\$[-9.38859]&\$[6.9546]&
SAMPLE 8
NORMAL

\$[7.54676]&\$[1.74304]&\$[0.403435]&\$[-12.8754]&\$[14.6042]&
TREATED
\$[0.77906]&\$[7.24867]&\$[5.96472]&\$[3.10934]&\$[3.24364]&
SAMPLE 9
NORMAL
\$[1.09577]&\$[-0.751264]&\$[-3.15984]&\$[-1.10624]&\$[2.56494]&
TREATED
\$[11.6569]&\$[4.35224]&\$[-9.56061]&\$[-7.89773]&\$[11.3521]&
SAMPLE 10
NORMAL
\$[14.32]&\$[6.18555]&\$[1.21756]&\$[-5.60976]&\$[-1.7254]&
TREATED
\$[13.6761]&\$[-6.02471]&\$[1.62752]&\$[9.90851]&\$[-3.42225]&

EE18B017
alpha = 0.00242743
FWER = 0.279063

SAMPLE FOR TTEST : SAMPLE no. 4

SAMPLE 1

NORMAL

\$[3.3634]&\$[0.544012]&\$[2.50413]&\$[1.35162]&\$[4.15297]&
TREATED

\$[-1.4796]&\$[16.7146]&\$[0.579349]&\$[5.13096]&\$[2.21872]&
SAMPLE 2

NORMAL

\$[-3.57028]&\$[22.3447]&\$[4.07429]&\$[8.83088]&\$[-0.410358]&
TREATED

\$[1.70838]&\$[5.56206]&\$[8.99087]&\$[-4.08285]&\$[14.5626]&
SAMPLE 3

NORMAL

\$[-12.387]&\$[-11.7627]&\$[3.6005]&\$[1.65939]&\$[10.6035]&
TREATED

\$[9.50547]&\$[-0.767981]&\$[21.614]&\$[10.7371]&\$[4.84907]&
SAMPLE 4

NORMAL

\$[6.45207]&\$[12.1773]&\$[-5.38469]&\$[-1.05683]&\$[5.10468]&
TREATED

\$[-11.9148]&\$[1.77521]&\$[3.75564]&\$[9.01325]&\$[5.93936]&
SAMPLE 5

NORMAL

\$[4.32658]&\$[3.89987]&\$[2.18616]&\$[5.91483]&\$[-11.1253]&
TREATED

\$[-11.8688]&\$[-0.221424]&\$[6.12447]&\$[3.21517]&\$[-6.29787]&
SAMPLE 6

NORMAL

\$[1.02973]&\$[5.3361]&\$[5.25318]&\$[-3.28393]&\$[-3.59433]&
TREATED

\$[3.24348]&\$[8.07428]&\$[-0.240255]&\$[1.10601]&\$[-2.34448]&
SAMPLE 7

NORMAL

\$[7.58989]&\$[4.67326]&\$[12.4456]&\$[8.78082]&\$[-2.27376]&
TREATED

\$[10.2296]&\$[3.8183]&\$[-10.0371]&\$[2.38078]&\$[2.35751]&

SAMPLE 8

NORMAL

\$[4.56086]&\$[0.902085]&\$[-17.9515]&\$[2.65795]&\$[-8.38908]&

TREATED

\$[2.52336]&\$[-2.96798]&\$[-4.21195]&\$[3.47033]&\$[4.59526]&

SAMPLE 9

NORMAL

\$[-1.41404]&\$[-0.146342]&\$[9.09585]&\$[3.50943]&\$[-3.77946]&

TREATED

\$[0.826572]&\$[7.35691]&\$[-0.0736477]&\$[-0.366007]&\$[3.53725]&

SAMPLE 10

NORMAL

\$[6.06255]&\$[6.33732]&\$[8.9459]&\$[12.5354]&\$[5.10236]&

TREATED

\$[5.03758]&\$[-4.65643]&\$[0.433169]&\$[-6.02771]&\$[-7.44599]&

EE18B029

alpha = 0.0175411

FWER = 0.37583

SAMPLE FOR TTEST : SAMPLE no. 1

SAMPLE 1

NORMAL

\$[2.1936]&\$[-1.74549]&\$[3.22435]&\$[-0.742896]&\$[-8.43749]&

TREATED

\$[-3.54632]&\$[0.22009]&\$[3.97254]&\$[-2.22101]&\$[4.98492]&

SAMPLE 2

NORMAL

\$[-9.85226]&\$[5.16582]&\$[1.38983]&\$[-2.69422]&\$[-2.69774]&

TREATED

\$[6.02714]&\$[1.00925]&\$[1.29613]&\$[-2.25591]&\$[-4.25663]&

SAMPLE 3

NORMAL

\$[-8.20618]&\$[-4.78769]&\$[5.66525]&\$[-1.30617]&\$[-1.57788]&

TREATED

\$[5.32994]&\$[5.9076]&\$[7.9171]&\$[-7.7995]&\$[6.28377]&

SAMPLE 4

NORMAL

\$[6.026]&\$[4.19135]&\$[4.47978]&\$[29.6994]&\$[3.09627]&

TREATED

\$[9.84083]&\$[9.3597]&\$[9.75291]&\$[1.62355]&\$[9.27007]&

SAMPLE 5

NORMAL

\$[9.24439]&\$[-2.20512]&\$[-4.34189]&\$[3.02414]&\$[9.1397]&

TREATED

\$[7.69405]&\$[10.0823]&\$[-21.3036]&\$[-2.29446]&\$[-11.2045]&

SAMPLE 6

NORMAL

\$[3.29325]&\$[2.22582]&\$[-1.98]&\$[1.86821]&\$[-0.953747]&

TREATED

\$[3.99826]&\$[-3.40228]&\$[1.88164]&\$[2.75531]&\$[1.48115]&

SAMPLE 7

NORMAL

\$[-13.0511]&\$[-6.32769]&\$[3.94021]&\$[0.1303]&\$[-8.42371]&

TREATED
\$[19.7954]&\$[-7.51879]&\$[16.4088]&\$[17.6213]&\$[7.18588]&
SAMPLE 8
NORMAL
\$[-6.05121]&\$[7.883]&\$[-3.418]&\$[-0.120939]&\$[0.564791]&
TREATED
\$[-2.43555]&\$[1.27974]&\$[-6.69908]&\$[-2.27952]&\$[0.803888]&
SAMPLE 9
NORMAL
\$[-0.345377]&\$[19.9572]&\$[-4.12985]&\$[5.38561]&\$[-6.66711]&
TREATED
\$[4.44504]&\$[-2.67601]&\$[1.06483]&\$[1.80287]&\$[3.57533]&
SAMPLE 10
NORMAL
\$[2.09287]&\$[4.142]&\$[2.66584]&\$[3.47032]&\$[3.20603]&
TREATED
\$[0.234972]&\$[12.3914]&\$[-8.94422]&\$[-5.71453]&\$[-1.46372]&

EE18B031
alpha = 0.0341953
FWER = 0.371041
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[-0.373051]&\$[10.3187]&\$[8.21492]&\$[6.72774]&\$[5.52005]&
TREATED
\$[8.09691]&\$[9.6452]&\$[6.24032]&\$[-0.529634]&\$[5.31273]&
SAMPLE 2
NORMAL
\$[-0.196734]&\$[1.27486]&\$[0.269716]&\$[1.47732]&\$[2.78471]&
TREATED
\$[-0.450966]&\$[13.9758]&\$[11.8241]&\$[10.0775]&\$[21.6164]&
SAMPLE 3
NORMAL
\$[-0.573347]&\$[-1.65739]&\$[-1.10549]&\$[1.29209]&\$[-3.12267]&
TREATED
\$[6.79222]&\$[9.24269]&\$[-9.25446]&\$[0.363965]&\$[10.5072]&
SAMPLE 4
NORMAL
\$[2.60276]&\$[5.35862]&\$[2.90365]&\$[-0.402661]&\$[1.4917]&
TREATED
\$[-2.02292]&\$[9.36551]&\$[-0.255282]&\$[7.26575]&\$[4.36682]&
SAMPLE 5
NORMAL
\$[-5.41201]&\$[-1.58862]&\$[4.6331]&\$[0.845477]&\$[7.09621]&
TREATED
\$[7.83583]&\$[-9.54795]&\$[-0.593759]&\$[2.73214]&\$[7.88888]&
SAMPLE 6
NORMAL
\$[11.5248]&\$[-2.13724]&\$[0.431986]&\$[8.00021]&\$[12.2152]&
TREATED
\$[5.21937]&\$[-5.52072]&\$[-6.61356]&\$[11.0335]&\$[7.89692]&
SAMPLE 7

NORMAL
\$[-4.07423]&\$[5.14263]&\$[14.2766]&\$[0.494843]&\$[5.25011]&
TREATED
\$[2.73364]&\$[5.39691]&\$[2.06372]&\$[1.21908]&\$[1.15113]&
SAMPLE 8
NORMAL
\$[8.51629]&\$[10.1133]&\$[-4.98157]&\$[13.813]&\$[2.01389]&
TREATED
\$[-5.3399]&\$[3.73859]&\$[-9.08814]&\$[7.93575]&\$[-3.58867]&
SAMPLE 9
NORMAL
\$[10.704]&\$[5.88298]&\$[-0.239691]&\$[10.5534]&\$[0.551755]&
TREATED
\$[11.3927]&\$[-7.98398]&\$[15.0406]&\$[21.0462]&\$[13.6853]&
SAMPLE 10
NORMAL
\$[0.238347]&\$[8.45011]&\$[-7.22404]&\$[8.74328]&\$[1.90096]&
TREATED
\$[6.02195]&\$[1.90049]&\$[-6.44421]&\$[12.0247]&\$[8.50799]&

EE18B032
alpha = 0.0262067
FWER = 0.261117
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[2.50076]&\$[14.4484]&\$[20.4977]&\$[5.22628]&\$[4.68781]&
TREATED
\$[9.2511]&\$[0.960913]&\$[-3.76755]&\$[-0.083544]&\$[9.4721]&
SAMPLE 2
NORMAL
\$[11.5595]&\$[4.30595]&\$[-2.48085]&\$[8.49987]&\$[0.411189]&
TREATED
\$[9.17225]&\$[-1.72594]&\$[1.53223]&\$[10.4476]&\$[-6.71028]&
SAMPLE 3
NORMAL
\$[-23.1452]&\$[33.0335]&\$[16.3232]&\$[13.7696]&\$[-0.179479]&
TREATED
\$[6.94554]&\$[0.413423]&\$[0.857744]&\$[2.12817]&\$[-1.84852]&
SAMPLE 4
NORMAL
\$[21.8594]&\$[1.53845]&\$[4.1448]&\$[7.4731]&\$[2.86568]&
TREATED
\$[1.15063]&\$[-9.38858]&\$[2.55038]&\$[-1.03335]&\$[-9.18465]&
SAMPLE 5
NORMAL
\$[1.12062]&\$[5.11881]&\$[0.852764]&\$[7.65882]&\$[3.85072]&
TREATED
\$[-7.48906]&\$[14.7111]&\$[-2.30792]&\$[3.23309]&\$[-16.4724]&
SAMPLE 6
NORMAL
\$[1.16966]&\$[5.14037]&\$[4.7994]&\$[12.6956]&\$[14.1956]&
TREATED

\$[1.46947]&\$[0.681309]&\$[-8.63327]&\$[-4.7418]&\$[-0.645017]&
SAMPLE 7
NORMAL
\$[4.05919]&\$[11.7209]&\$[0.868865]&\$[10.8488]&\$[-1.24034]&
TREATED
\$[-7.51441]&\$[0.863384]&\$[-6.35426]&\$[13.227]&\$[-2.25335]&
SAMPLE 8
NORMAL
\$[-8.83317]&\$[-7.05846]&\$[7.74675]&\$[5.58978]&\$[-7.33667]&
TREATED
\$[5.03969]&\$[0.908806]&\$[0.185255]&\$[-1.24414]&\$[-1.76735]&
SAMPLE 9
NORMAL
\$[3.41424]&\$[2.69361]&\$[9.67809]&\$[-2.93799]&\$[-2.27106]&
TREATED
\$[-8.18079]&\$[-8.34787]&\$[8.29507]&\$[1.33321]&\$[0.79916]&
SAMPLE 10
NORMAL
\$[3.69514]&\$[3.39317]&\$[-0.492692]&\$[11.2634]&\$[7.85652]&
TREATED
\$[6.02803]&\$[12.8185]&\$[12.5406]&\$[9.74089]&\$[0.127937]&

EE18B044
alpha = 0.0216491
FWER = 0.296318
SAMPLE FOR TTEST : SAMPLE no. 6

SAMPLE 1
NORMAL
\$[-1.90152]&\$[1.47945]&\$[-0.396363]&\$[0.679258]&\$[-3.22641]&
TREATED
\$[12.65]&\$[0.983221]&\$[4.38792]&\$[-1.69696]&\$[9.92697]&
SAMPLE 2
NORMAL
\$[-1.24726]&\$[0.777855]&\$[1.7893]&\$[-3.41112]&\$[-2.09609]&
TREATED
\$[7.21692]&\$[-1.7207]&\$[3.06084]&\$[5.54126]&\$[0.365268]&
SAMPLE 3
NORMAL
\$[5.17616]&\$[14.4984]&\$[2.4983]&\$[-1.9062]&\$[10.9656]&
TREATED
\$[1.14693]&\$[-11.0864]&\$[-0.322208]&\$[3.58998]&\$[-5.822]&
SAMPLE 4
NORMAL
\$[-3.31248]&\$[-1.97334]&\$[0.884295]&\$[-0.29978]&\$[12.2578]&
TREATED
\$[12.0576]&\$[-2.05942]&\$[8.89473]&\$[3.19638]&\$[12.4484]&
SAMPLE 5
NORMAL
\$[-6.11648]&\$[17.3061]&\$[1.47938]&\$[-0.809848]&\$[17.4482]&
TREATED
\$[4.37106]&\$[5.18271]&\$[0.321926]&\$[6.19328]&\$[0.482697]&
SAMPLE 6
NORMAL

\$[2.01531]&\$[-5.0485]&\$[14.4826]&\$[3.84455]&\$[1.08238]&
TREATED
\$[1.77567]&\$[14.8097]&\$[11.1204]&\$[1.77678]&\$[-6.2805]&
SAMPLE 7
NORMAL
\$[-1.32577]&\$[-0.139072]&\$[8.66144]&\$[-0.280002]&\$[-1.50418]&
TREATED
\$[5.17454]&\$[-3.89474]&\$[4.90609]&\$[2.61112]&\$[-11.0843]&
SAMPLE 8
NORMAL
\$[7.55542]&\$[0.749704]&\$[3.28869]&\$[1.90775]&\$[7.14701]&
TREATED
\$[4.22906]&\$[-4.35257]&\$[8.24097]&\$[5.42212]&\$[2.60101]&
SAMPLE 9
NORMAL
\$[1.61915]&\$[9.62583]&\$[-0.694395]&\$[6.18782]&\$[5.48633]&
TREATED
\$[1.65369]&\$[1.21245]&\$[-4.01701]&\$[1.69685]&\$[-2.92192]&
SAMPLE 10
NORMAL
\$[-2.24586]&\$[9.17277]&\$[10.445]&\$[-0.232285]&\$[1.64243]&
TREATED
\$[-0.149895]&\$[-8.66956]&\$[-2.53063]&\$[4.62021]&\$[2.42469]&

EE18B047
alpha = 0.0422693
FWER = 0.364828
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[-0.995607]&\$[8.13268]&\$[5.25431]&\$[-2.61031]&\$[-0.395323]&
TREATED
\$[16.3645]&\$[19.4127]&\$[13.9321]&\$[5.04095]&\$[5.17232]&
SAMPLE 2
NORMAL
\$[5.5474]&\$[4.55275]&\$[8.24251]&\$[1.86719]&\$[7.6627]&
TREATED
\$[17.1501]&\$[6.21798]&\$[4.74149]&\$[-10.8527]&\$[-12.5912]&
SAMPLE 3
NORMAL
\$[0.628725]&\$[5.47086]&\$[6.31963]&\$[6.04043]&\$[3.38705]&
TREATED
\$[8.07146]&\$[7.042]&\$[-9.05425]&\$[4.55691]&\$[1.64793]&
SAMPLE 4
NORMAL
\$[6.60538]&\$[5.76969]&\$[6.35292]&\$[4.48158]&\$[-0.376706]&
TREATED
\$[12.8688]&\$[1.07898]&\$[21.2648]&\$[-6.89057]&\$[13.7755]&
SAMPLE 5
NORMAL
\$[0.50046]&\$[1.55005]&\$[0.921436]&\$[-0.697409]&\$[-0.958684]&
TREATED
\$[-0.742724]&\$[22.1264]&\$[3.07062]&\$[9.37015]&\$[5.29816]&

SAMPLE 6
NORMAL
\$[-5.51262]&\$[-9.09128]&\$[-5.7866]&\$[2.8267]&\$[-9.7989]&
TREATED
\$[19.4638]&\$[2.52975]&\$[6.82441]&\$[5.41137]&\$[11.576]&
SAMPLE 7
NORMAL
\$[-3.34365]&\$[7.48081]&\$[3.7834]&\$[3.20219]&\$[4.6294]&
TREATED
\$[-12.5191]&\$[-1.98259]&\$[1.20231]&\$[-9.76139]&\$[-12.2304]&
SAMPLE 8
NORMAL
\$[-3.72109]&\$[-0.15151]&\$[-7.61975]&\$[0.822886]&\$[9.03449]&
TREATED
\$[2.85483]&\$[0.234364]&\$[2.74637]&\$[7.38804]&\$[6.97318]&
SAMPLE 9
NORMAL
\$[2.38204]&\$[-2.238]&\$[-0.49199]&\$[0.938581]&\$[-0.3291]&
TREATED
\$[4.98737]&\$[1.96535]&\$[-5.42101]&\$[0.00858427]&\$[-1.19114]&
SAMPLE 10
NORMAL
\$[0.742218]&\$[2.16801]&\$[10.47]&\$[5.0654]&\$[4.35485]&
TREATED
\$[1.23102]&\$[-14.9604]&\$[1.66524]&\$[5.13611]&\$[5.72979]&

EE18B058
alpha = 0.00998775
FWER = 0.327402
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[9.12728]&\$[2.91634]&\$[7.22588]&\$[7.17009]&\$[-1.38579]&
TREATED
\$[8.25833]&\$[-3.89357]&\$[11.7293]&\$[3.89574]&\$[-5.96521]&
SAMPLE 2
NORMAL
\$[3.05455]&\$[13.6878]&\$[10.3358]&\$[3.54363]&\$[6.25595]&
TREATED
\$[11.9189]&\$[-0.316053]&\$[9.59173]&\$[12.0608]&\$[-0.594167]&
SAMPLE 3
NORMAL
\$[-0.136455]&\$[-0.0541976]&\$[3.67656]&\$[6.59699]&\$[7.53013]&
TREATED
\$[7.44955]&\$[4.24157]&\$[-0.600141]&\$[-0.897773]&\$[4.45341]&
SAMPLE 4
NORMAL
\$[-3.22995]&\$[-2.67266]&\$[3.31763]&\$[13.462]&\$[3.39421]&
TREATED
\$[0.899327]&\$[-4.69229]&\$[7.30223]&\$[12.5006]&\$[8.5537]&
SAMPLE 5
NORMAL
\$[-20.3457]&\$[9.83861]&\$[7.09411]&\$[10.5766]&\$[0.979369]&

TREATED
\$[-10.5366]&\$[-7.26962]&\$[-11.2232]&\$[9.70434]&\$[-3.63078]&
SAMPLE 6
NORMAL
\$[-1.56266]&\$[0.53676]&\$[4.93174]&\$[2.50348]&\$[-0.282389]&
TREATED
\$[5.47598]&\$[10.3347]&\$[1.81204]&\$[0.134718]&\$[4.14393]&
SAMPLE 7
NORMAL
\$[3.4529]&\$[-2.57062]&\$[4.1644]&\$[-0.264045]&\$[-0.0350017]&
TREATED
\$[5.9721]&\$[3.26622]&\$[4.67397]&\$[4.37509]&\$[3.0421]&
SAMPLE 8
NORMAL
\$[-5.43072]&\$[-18.6292]&\$[-25.3188]&\$[0.656208]&\$[-19.5969]&
TREATED
\$[-3.13073]&\$[-3.25371]&\$[-4.82612]&\$[-9.38065]&\$[6.46127]&
SAMPLE 9
NORMAL
\$[4.6718]&\$[-2.52648]&\$[-1.12379]&\$[-13.2813]&\$[5.4571]&
TREATED
\$[-5.90124]&\$[10.1581]&\$[12.9882]&\$[3.40293]&\$[-0.175857]&
SAMPLE 10
NORMAL
\$[-0.624821]&\$[-1.92544]&\$[-0.532491]&\$[-14.476]&\$[-1.85638]&
TREATED
\$[3.05176]&\$[2.85596]&\$[1.80791]&\$[1.5194]&\$[4.67814]&

EE18B059
alpha = 0.00821079
FWER = 0.264889
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[1.54826]&\$[-3.29438]&\$[5.25618]&\$[-5.71046]&\$[0.120556]&
TREATED
\$[4.53211]&\$[4.72102]&\$[6.35408]&\$[3.2813]&\$[4.84563]&
SAMPLE 2
NORMAL
\$[-3.261]&\$[5.88439]&\$[-4.37044]&\$[5.4027]&\$[-12.128]&
TREATED
\$[4.06755]&\$[2.11363]&\$[4.93018]&\$[1.95633]&\$[-3.60368]&
SAMPLE 3
NORMAL
\$[11.0454]&\$[4.03423]&\$[-1.45281]&\$[8.68496]&\$[4.02399]&
TREATED
\$[-12.8573]&\$[3.12367]&\$[1.23368]&\$[-3.28483]&\$[3.4255]&
SAMPLE 4
NORMAL
\$[-1.47242]&\$[6.91465]&\$[9.32957]&\$[-1.83989]&\$[-2.3046]&
TREATED
\$[5.15676]&\$[1.47936]&\$[4.95975]&\$[0.269169]&\$[4.56819]&
SAMPLE 5

NORMAL
\$[7.66233]&\$[11.9774]&\$[5.94883]&\$[-0.138847]&\$[-7.37279]&
TREATED
\$[11.1486]&\$[7.58812]&\$[-0.314878]&\$[-0.663275]&\$[6.70154]&
SAMPLE 6
NORMAL
\$[8.90849]&\$[2.9063]&\$[7.3674]&\$[-3.02561]&\$[5.16105]&
TREATED
\$[-6.83892]&\$[-6.97943]&\$[-3.1566]&\$[3.73294]&\$[0.293535]&
SAMPLE 7
NORMAL
\$[4.20572]&\$[5.91761]&\$[18.4342]&\$[1.69187]&\$[3.83326]&
TREATED
\$[-4.70817]&\$[4.05896]&\$[11.2805]&\$[3.30537]&\$[6.49233]&
SAMPLE 8
NORMAL
\$[-2.45383]&\$[-18.1414]&\$[17.2774]&\$[-3.63164]&\$[2.35798]&
TREATED
\$[1.72106]&\$[-6.8589]&\$[8.17655]&\$[17.3415]&\$[-10.4005]&
SAMPLE 9
NORMAL
\$[1.32377]&\$[19.1322]&\$[14.0576]&\$[0.465123]&\$[-1.35437]&
TREATED
\$[-0.574998]&\$[-3.89801]&\$[5.68269]&\$[9.55658]&\$[-15.5084]&
SAMPLE 10
NORMAL
\$[-0.84546]&\$[-2.04223]&\$[-3.51245]&\$[-0.256028]&\$[3.9062]&
TREATED
\$[2.96853]&\$[7.72899]&\$[7.8963]&\$[10.8545]&\$[-2.18494]&

EE18B065
alpha = 0.00260335
FWER = 0.360686
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[5.26103]&\$[-5.03814]&\$[-8.90295]&\$[-2.49667]&\$[16.6113]&
TREATED
\$[-4.48101]&\$[2.46435]&\$[-7.90073]&\$[5.69774]&\$[7.16777]&
SAMPLE 2
NORMAL
\$[7.76658]&\$[9.43896]&\$[8.75196]&\$[-6.40473]&\$[6.49931]&
TREATED
\$[6.32046]&\$[1.82117]&\$[-1.1302]&\$[2.9108]&\$[-18.2618]&
SAMPLE 3
NORMAL
\$[8.7827]&\$[25.1246]&\$[1.99418]&\$[-1.10664]&\$[3.70913]&
TREATED
\$[3.11783]&\$[6.65054]&\$[13.1355]&\$[13.2097]&\$[-1.65277]&
SAMPLE 4
NORMAL
\$[12.3598]&\$[-2.44606]&\$[-11.0111]&\$[-2.58259]&\$[6.0915]&
TREATED

\$[-9.44076]&\$[-1.66106]&\$[-10.6755]&\$[-0.23182]&\$[-5.33282]&
SAMPLE 5
NORMAL
\$[-3.01959]&\$[3.49757]&\$[8.04397]&\$[6.40754]&\$[-0.675938]&
TREATED
\$[-6.97936]&\$[3.01396]&\$[0.362728]&\$[-2.04868]&\$[4.4074]&
SAMPLE 6
NORMAL
\$[-0.769007]&\$[3.17694]&\$[9.05252]&\$[-6.43356]&\$[21.1459]&
TREATED
\$[6.60827]&\$[0.653699]&\$[-4.75395]&\$[-1.23124]&\$[5.45643]&
SAMPLE 7
NORMAL
\$[3.21373]&\$[7.8291]&\$[5.79726]&\$[-6.17392]&\$[12.3578]&
TREATED
\$[-8.14734]&\$[0.162261]&\$[-4.1726]&\$[-2.77259]&\$[7.36607]&
SAMPLE 8
NORMAL
\$[34.7042]&\$[17.145]&\$[-9.81105]&\$[-1.98468]&\$[8.76895]&
TREATED
\$[-1.87386]&\$[1.17668]&\$[-4.34204]&\$[5.11389]&\$[-7.78595]&
SAMPLE 9
NORMAL
\$[6.87958]&\$[8.84684]&\$[-4.85892]&\$[-6.99163]&\$[8.18589]&
TREATED
\$[13.4344]&\$[2.45191]&\$[13.7866]&\$[5.3633]&\$[15.354]&
SAMPLE 10
NORMAL
\$[-18.9221]&\$[-14.4058]&\$[2.9283]&\$[-1.0273]&\$[9.42245]&
TREATED
\$[7.00079]&\$[7.01836]&\$[-0.41194]&\$[8.98826]&\$[8.4737]&

EE18B071
alpha = 0.0209493
FWER = 0.269982
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[-1.17406]&\$[3.16892]&\$[-2.47952]&\$[-4.62728]&\$[-11.7366]&
TREATED
\$[-4.33367]&\$[19.9362]&\$[13.8301]&\$[2.64918]&\$[2.20262]&
SAMPLE 2
NORMAL
\$[8.97764]&\$[4.36784]&\$[12.2591]&\$[1.97416]&\$[14.1516]&
TREATED
\$[1.87998]&\$[10.3913]&\$[1.88456]&\$[3.5685]&\$[-1.02685]&
SAMPLE 3
NORMAL
\$[-0.334085]&\$[-4.39496]&\$[-5.74119]&\$[0.658607]&\$[8.75836]&
TREATED
\$[10.2874]&\$[0.351059]&\$[1.80837]&\$[-1.67133]&\$[0.376158]&
SAMPLE 4
NORMAL

\$[2.04216]&\$[4.8747]&\$[0.66102]&\$[4.79983]&\$[3.96112]&
TREATED
\$[-10.6039]&\$[25.9163]&\$[-7.93679]&\$[-3.06703]&\$[-25.4033]&
SAMPLE 5
NORMAL
\$[4.46329]&\$[-2.58786]&\$[5.21497]&\$[11.0391]&\$[10.553]&
TREATED
\$[-0.375243]&\$[3.90277]&\$[7.92244]&\$[3.78696]&\$[-3.37447]&
SAMPLE 6
NORMAL
\$[-11.4329]&\$[2.89145]&\$[4.67963]&\$[-11.7073]&\$[-8.89927]&
TREATED
\$[2.62538]&\$[-10.3312]&\$[-19.8445]&\$[-6.61881]&\$[4.83201]&
SAMPLE 7
NORMAL
\$[-7.50795]&\$[3.32938]&\$[2.18967]&\$[6.72403]&\$[-6.67464]&
TREATED
\$[-4.24945]&\$[1.51583]&\$[-2.02714]&\$[10.6669]&\$[6.75733]&
SAMPLE 8
NORMAL
\$[12.5182]&\$[-1.8915]&\$[0.327402]&\$[6.8754]&\$[7.59223]&
TREATED
\$[1.62575]&\$[0.816019]&\$[3.87751]&\$[5.1157]&\$[0.469696]&
SAMPLE 9
NORMAL
\$[11.3298]&\$[7.97717]&\$[1.05513]&\$[-2.57713]&\$[4.99536]&
TREATED
\$[8.4745]&\$[4.37979]&\$[-4.54832]&\$[-2.89269]&\$[11.0318]&
SAMPLE 10
NORMAL
\$[6.05183]&\$[3.87375]&\$[5.47503]&\$[6.71386]&\$[-1.94553]&
TREATED
\$[-2.79806]&\$[3.6811]&\$[10.522]&\$[-0.94442]&\$[-5.12058]&

EE18B111
alpha = 0.0105212
FWER = 0.315856
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[-2.81534]&\$[-3.7437]&\$[0.124465]&\$[-0.677221]&\$[-13.7326]&
TREATED
\$[2.6856]&\$[10.7527]&\$[6.28147]&\$[-5.27726]&\$[-6.67617]&
SAMPLE 2
NORMAL
\$[3.0624]&\$[-0.58376]&\$[8.50995]&\$[-0.925035]&\$[1.87428]&
TREATED
\$[8.84658]&\$[-4.10201]&\$[-2.12052]&\$[2.98239]&\$[3.58549]&
SAMPLE 3
NORMAL
\$[26.6558]&\$[4.71163]&\$[-12.0165]&\$[0.925538]&\$[3.89175]&
TREATED
\$[12.9781]&\$[-3.49603]&\$[8.37742]&\$[-0.448566]&\$[8.68311]&

SAMPLE 4
NORMAL
\$[0.698381]&,\$[8.95695]&,\$[4.73116]&,\$[9.41478]&,\$[8.07006]&
TREATED
\$[-10.4673]&,\$[-2.74637]&,\$[-3.09694]&,\$[3.27955]&,\$[3.85636]&
SAMPLE 5
NORMAL
\$[-10.5717]&,\$[-14.8271]&,\$[8.3647]&,\$[-7.2381]&,\$[-5.36522]&
TREATED
\$[2.51122]&,\$[5.69169]&,\$[7.3207]&,\$[-12.6288]&,\$[-10.2276]&
SAMPLE 6
NORMAL
\$[3.72899]&,\$[3.48333]&,\$[8.01021]&,\$[-5.53914]&,\$[-2.43099]&
TREATED
\$[-2.67998]&,\$[12.8282]&,\$[-0.593413]&,\$[0.573467]&,\$[-6.41234]&
SAMPLE 7
NORMAL
\$[10.6673]&,\$[0.914694]&,\$[4.3158]&,\$[4.19544]&,\$[7.03306]&
TREATED
\$[1.07806]&,\$[-4.61097]&,\$[12.6044]&,\$[6.25525]&,\$[5.40903]&
SAMPLE 8
NORMAL
\$[-2.05357]&,\$[-15.1433]&,\$[7.70481]&,\$[-0.0896962]&,\$[6.59377]&
TREATED
\$[-2.06488]&,\$[-4.83293]&,\$[12.673]&,\$[4.05606]&,\$[-13.5255]&
SAMPLE 9
NORMAL
\$[1.04961]&,\$[1.15586]&,\$[1.25188]&,\$[1.02968]&,\$[2.59132]&
TREATED
\$[3.59427]&,\$[7.93095]&,\$[-0.762306]&,\$[23.1124]&,\$[10.7988]&
SAMPLE 10
NORMAL
\$[-11.9656]&,\$[5.4713]&,\$[6.50387]&,\$[-24.1868]&,\$[-5.42411]&
TREATED
\$[-0.206781]&,\$[6.04259]&,\$[1.11512]&,\$[-3.49773]&,\$[15.6657]&

EE18B116
alpha = 0.0442358
FWER = 0.340751
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[14.0741]&,\$[0.264493]&,\$[14.0565]&,\$[-6.45128]&,\$[-1.11875]&
TREATED
\$[5.71087]&,\$[-14.8813]&,\$[-4.85362]&,\$[-5.29478]&,\$[-16.6685]&
SAMPLE 2
NORMAL
\$[-0.493209]&,\$[9.78709]&,\$[3.52936]&,\$[-3.95497]&,\$[5.68207]&
TREATED
\$[11.4882]&,\$[11.7389]&,\$[7.19502]&,\$[-3.37755]&,\$[5.51784]&
SAMPLE 3
NORMAL
\$[3.79563]&,\$[0.628834]&,\$[2.17694]&,\$[5.39575]&,\$[12.9584]&

TREATED
\$[2.06588]&\$[-4.82377]&\$[-1.62588]&\$[1.38856]&\$[2.19705]&
SAMPLE 4
NORMAL
\$[-0.126188]&\$[15.8531]&\$[23.1707]&\$[1.27166]&\$[0.333524]&
TREATED
\$[6.31061]&\$[4.81568]&\$[8.25688]&\$[-3.91415]&\$[9.78765]&
SAMPLE 5
NORMAL
\$[0.337469]&\$[1.80879]&\$[-0.0731155]&\$[-0.669038]&\$[0.0963858]&
TREATED
\$[1.16045]&\$[-0.706767]&\$[13.2175]&\$[6.53144]&\$[8.2496]&
SAMPLE 6
NORMAL
\$[-15.547]&\$[9.20365]&\$[14.2589]&\$[0.0054895]&\$[1.18614]&
TREATED
\$[7.3786]&\$[1.41048]&\$[2.9594]&\$[5.42687]&\$[5.51498]&
SAMPLE 7
NORMAL
\$[7.17406]&\$[10.7123]&\$[1.80254]&\$[-9.88409]&\$[14.5443]&
TREATED
\$[7.23437]&\$[1.84532]&\$[1.74946]&\$[2.6507]&\$[8.48462]&
SAMPLE 8
NORMAL
\$[4.9186]&\$[-0.848445]&\$[2.40644]&\$[1.77171]&\$[-3.01616]&
TREATED
\$[3.97989]&\$[5.51996]&\$[1.27208]&\$[2.50664]&\$[3.2607]&
SAMPLE 9
NORMAL
\$[0.339531]&\$[4.44721]&\$[5.12027]&\$[12.5085]&\$[4.27934]&
TREATED
\$[0.28318]&\$[3.29696]&\$[8.40863]&\$[2.1672]&\$[2.45984]&
SAMPLE 10
NORMAL
\$[0.150366]&\$[0.228735]&\$[4.77876]&\$[10.8981]&\$[1.2603]&
TREATED
\$[-13.6005]&\$[3.97373]&\$[3.44623]&\$[-7.5964]&\$[-5.92123]&

EE18B123
alpha = 0.00229465
FWER = 0.219665
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[-4.29263]&\$[11.8916]&\$[-6.68452]&\$[6.24062]&\$[9.55609]&
TREATED
\$[27.5283]&\$[0.932719]&\$[3.33872]&\$[-1.75783]&\$[-5.11881]&
SAMPLE 2
NORMAL
\$[19.6061]&\$[1.74879]&\$[33.8564]&\$[10.608]&\$[-0.094798]&
TREATED
\$[0.357308]&\$[4.52472]&\$[0.422649]&\$[-8.99456]&\$[13.5409]&
SAMPLE 3

NORMAL
\$[6.00978]&,\$[-8.03169]&,\$[5.62239]&,\$[0.83877]&,\$[1.33693]&
TREATED
\$[-0.435823]&,\$[-2.0144]&,\$[0.738136]&,\$[0.410858]&,\$[-1.01349]&
SAMPLE 4
NORMAL
\$[-1.98709]&,\$[4.07736]&,\$[-0.706802]&,\$[-4.32609]&,\$[2.03028]&
TREATED
\$[12.465]&,\$[-5.11934]&,\$[-2.99076]&,\$[-0.0659938]&,\$[-1.30238]&
SAMPLE 5
NORMAL
\$[-4.95457]&,\$[24.8749]&,\$[2.40429]&,\$[9.96016]&,\$[-5.89371]&
TREATED
\$[-0.704393]&,\$[6.49215]&,\$[-2.11961]&,\$[2.70512]&,\$[3.02651]&
SAMPLE 6
NORMAL
\$[10.7768]&,\$[-1.25676]&,\$[19.3016]&,\$[-2.30868]&,\$[4.24228]&
TREATED
\$[10.5876]&,\$[-7.96754]&,\$[-2.52401]&,\$[-6.40155]&,\$[0.175048]&
SAMPLE 7
NORMAL
\$[-8.03563]&,\$[-0.389788]&,\$[12.595]&,\$[-1.65724]&,\$[11.2083]&
TREATED
\$[-0.18271]&,\$[-0.131928]&,\$[6.00429]&,\$[13.7946]&,\$[11.9974]&
SAMPLE 8
NORMAL
\$[5.26024]&,\$[12.4956]&,\$[-4.42269]&,\$[-3.61196]&,\$[3.40278]&
TREATED
\$[6.40362]&,\$[3.81324]&,\$[8.71349]&,\$[0.656554]&,\$[-4.72805]&
SAMPLE 9
NORMAL
\$[1.74194]&,\$[0.0660394]&,\$[1.79939]&,\$[-0.155103]&,\$[0.125547]&
TREATED
\$[7.13832]&,\$[0.223814]&,\$[4.04319]&,\$[0.752681]&,\$[0.317622]&
SAMPLE 10
NORMAL
\$[1.86759]&,\$[-1.93623]&,\$[4.47407]&,\$[-1.63858]&,\$[2.22106]&
TREATED
\$[-4.02658]&,\$[6.38743]&,\$[12.6906]&,\$[26.6615]&,\$[-6.16415]&

EE18B133
alpha = 0.0291161
FWER = 0.381931
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[2.37369]&,\$[4.68493]&,\$[11.9362]&,\$[12.6543]&,\$[14.1119]&
TREATED
\$[9.08262]&,\$[4.92858]&,\$[2.63526]&,\$[-9.12524]&,\$[1.90703]&
SAMPLE 2
NORMAL
\$[-6.32885]&,\$[1.07075]&,\$[2.43409]&,\$[0.939233]&,\$[0.926288]&
TREATED

\$[14.0759]&\$[6.40221]&\$[9.028]&\$[-8.2436]&\$[5.79391]&
SAMPLE 3
NORMAL
\$[-3.67108]&\$[-1.73537]&\$[0.43729]&\$[8.87561]&\$[5.10847]&
TREATED
\$[-4.99463]&\$[-2.20444]&\$[12.9701]&\$[3.00399]&\$[5.36744]&
SAMPLE 4
NORMAL
\$[8.81458]&\$[-4.32553]&\$[-1.18034]&\$[2.91562]&\$[5.28203]&
TREATED
\$[-2.19061]&\$[2.7505]&\$[9.51472]&\$[6.37431]&\$[2.22479]&
SAMPLE 5
NORMAL
\$[-0.236323]&\$[0.461085]&\$[0.169726]&\$[3.12206]&\$[0.439542]&
TREATED
\$[-4.36478]&\$[3.07378]&\$[-5.66979]&\$[-4.83673]&\$[-0.0510065]&
SAMPLE 6
NORMAL
\$[0.948605]&\$[-7.33048]&\$[4.45977]&\$[-7.90499]&\$[-0.973393]&
TREATED
\$[3.48972]&\$[-2.19209]&\$[21.0419]&\$[8.3966]&\$[-5.37665]&
SAMPLE 7
NORMAL
\$[-2.39821]&\$[14.3299]&\$[0.979448]&\$[3.27277]&\$[-2.96407]&
TREATED
\$[8.43882]&\$[6.62832]&\$[6.1215]&\$[0.734362]&\$[7.51013]&
SAMPLE 8
NORMAL
\$[-6.96537]&\$[13.3049]&\$[7.93749]&\$[8.53756]&\$[10.8195]&
TREATED
\$[5.00266]&\$[6.95005]&\$[4.68932]&\$[-5.55408]&\$[9.37877]&
SAMPLE 9
NORMAL
\$[4.76394]&\$[4.90188]&\$[8.46022]&\$[5.5692]&\$[3.70931]&
TREATED
\$[-3.99284]&\$[-8.56014]&\$[-1.20999]&\$[6.04037]&\$[0.260223]&
SAMPLE 10
NORMAL
\$[5.25646]&\$[10.4522]&\$[6.56309]&\$[2.08356]&\$[1.36658]&
TREATED
\$[3.61619]&\$[5.61219]&\$[12.0876]&\$[9.29837]&\$[10.6276]&

EE18B144
alpha = 0.0445982
FWER = 0.31799
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[1.1637]&\$[-1.6619]&\$[3.14617]&\$[-6.10929]&\$[11.7758]&
TREATED
\$[5.39506]&\$[3.30992]&\$[1.75573]&\$[10.4804]&\$[4.19184]&
SAMPLE 2
NORMAL

\$[3.59262]&\$[3.18145]&\$[7.63176]&\$[2.37056]&\$[-1.76007]&
TREATED
\$[-12.3211]&\$[-2.70666]&\$[-9.71678]&\$[-6.29012]&\$[3.05369]&
SAMPLE 3
NORMAL
\$[2.95932]&\$[5.83101]&\$[3.60338]&\$[7.91294]&\$[7.69696]&
TREATED
\$[5.22822]&\$[-9.03178]&\$[11.9637]&\$[13.8512]&\$[5.09494]&
SAMPLE 4
NORMAL
\$[0.238694]&\$[4.46096]&\$[7.15155]&\$[6.10668]&\$[1.32718]&
TREATED
\$[-1.64386]&\$[-12.2309]&\$[-0.44683]&\$[-7.77777]&\$[-20.7556]&
SAMPLE 5
NORMAL
\$[8.48963]&\$[1.67404]&\$[17.9312]&\$[-14.5136]&\$[-16.7552]&
TREATED
\$[-0.797298]&\$[1.72033]&\$[-1.51298]&\$[1.33816]&\$[11.2323]&
SAMPLE 6
NORMAL
\$[-0.906299]&\$[-2.2158]&\$[-4.36155]&\$[-9.52296]&\$[4.26772]&
TREATED
\$[8.45893]&\$[-0.648547]&\$[4.40642]&\$[-0.527677]&\$[2.73688]&
SAMPLE 7
NORMAL
\$[6.94786]&\$[-2.25652]&\$[-2.7871]&\$[-8.45272]&\$[-0.550114]&
TREATED
\$[-0.34816]&\$[6.84074]&\$[2.62191]&\$[6.09636]&\$[-0.0419847]&
SAMPLE 8
NORMAL
\$[13.4012]&\$[-2.96094]&\$[4.26775]&\$[4.60783]&\$[-18.9553]&
TREATED
\$[6.39737]&\$[7.32275]&\$[2.07429]&\$[0.773661]&\$[4.65415]&
SAMPLE 9
NORMAL
\$[0.0331341]&\$[3.55116]&\$[2.38195]&\$[-1.70599]&\$[18.4004]&
TREATED
\$[7.53636]&\$[22.2054]&\$[-7.19581]&\$[2.01264]&\$[-1.50179]&
SAMPLE 10
NORMAL
\$[12.98]&\$[6.90569]&\$[-3.57151]&\$[-0.761444]&\$[9.93311]&
TREATED
\$[1.95081]&\$[13.751]&\$[8.70663]&\$[12.6424]&\$[7.9632]&

EE18B156
alpha = 0.0343751
FWER = 0.357431

SAMPLE FOR TTEST : SAMPLE no. 1

SAMPLE 1

NORMAL

\$[3.94157]&\$[3.55207]&\$[7.36859]&\$[-11.1597]&\$[-12.2922]&
TREATED
\$[20.875]&\$[-4.6302]&\$[-3.96665]&\$[1.6813]&\$[0.492157]&

SAMPLE 2
NORMAL
\$[3.34901]&\$[4.83426]&\$[5.23618]&\$[2.80104]&\$[3.94775]&
TREATED
\$[-4.39475]&\$[-6.82608]&\$[-5.69699]&\$[-11.2216]&\$[10.6889]&
SAMPLE 3
NORMAL
\$[-4.63332]&\$[7.39197]&\$[1.77804]&\$[4.51218]&\$[-4.73913]&
TREATED
\$[-4.09665]&\$[2.69451]&\$[1.57841]&\$[11.0093]&\$[2.21611]&
SAMPLE 4
NORMAL
\$[-7.12275]&\$[7.932]&\$[0.827885]&\$[1.30382]&\$[-5.00173]&
TREATED
\$[0.20459]&\$[23.8721]&\$[2.17059]&\$[12.6619]&\$[11.11]&
SAMPLE 5
NORMAL
\$[-1.93556]&\$[5.08901]&\$[12.3691]&\$[-1.49378]&\$[13.2503]&
TREATED
\$[-9.27079]&\$[-10.1137]&\$[-1.94413]&\$[-5.42638]&\$[-2.36978]&
SAMPLE 6
NORMAL
\$[-0.359704]&\$[7.06942]&\$[6.77436]&\$[2.31365]&\$[2.07746]&
TREATED
\$[9.4393]&\$[-6.60515]&\$[6.39982]&\$[13.4839]&\$[-13.6649]&
SAMPLE 7
NORMAL
\$[0.454383]&\$[-0.096204]&\$[-0.565396]&\$[2.25712]&\$[0.616451]&
TREATED
\$[6.53574]&\$[7.64572]&\$[-0.833379]&\$[3.14442]&\$[10.7556]&
SAMPLE 8
NORMAL
\$[7.26042]&\$[17.8622]&\$[7.06385]&\$[4.37915]&\$[4.30177]&
TREATED
\$[-7.70351]&\$[-5.36542]&\$[-1.33503]&\$[-6.1005]&\$[7.94091]&
SAMPLE 9
NORMAL
\$[-1.47485]&\$[8.27188]&\$[14.2629]&\$[5.12486]&\$[14.7952]&
TREATED
\$[-11.5571]&\$[-0.000238411]&\$[-1.09497]&\$[-3.43928]&\$[-3.63177]&
SAMPLE 10
NORMAL
\$[-5.08991]&\$[1.87463]&\$[6.41174]&\$[-5.1238]&\$[4.49323]&
TREATED
\$[22.9095]&\$[5.66792]&\$[4.56346]&\$[14.7234]&\$[-11.4068]&

EE18B158
alpha = 0.0242701
FWER = 0.201408
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[-5.28388]&\$[11.252]&\$[7.37577]&\$[-3.47834]&\$[-6.56199]&

TREATED
\$[-5.07449]&\$[10.5369]&\$[1.01617]&\$[-11.2198]&\$[1.89235]&
SAMPLE 2
NORMAL
\$[-0.376433]&\$[3.54843]&\$[3.27572]&\$[5.25832]&\$[9.6294]&
TREATED
\$[-3.70534]&\$[-2.92168]&\$[3.47608]&\$[7.583]&\$[16.5122]&
SAMPLE 3
NORMAL
\$[9.29803]&\$[11.9737]&\$[-0.641407]&\$[6.63779]&\$[-1.26273]&
TREATED
\$[-5.28824]&\$[-17.964]&\$[-1.02759]&\$[-7.161]&\$[-4.58295]&
SAMPLE 4
NORMAL
\$[3.50778]&\$[5.30526]&\$[5.25284]&\$[4.04684]&\$[2.54432]&
TREATED
\$[-10.0258]&\$[-2.83052]&\$[-13.3821]&\$[-2.55269]&\$[-14.1027]&
SAMPLE 5
NORMAL
\$[-2.17438]&\$[-2.55739]&\$[-11.1636]&\$[1.25907]&\$[20.3735]&
TREATED
\$[10.3021]&\$[-1.76843]&\$[2.32189]&\$[12.5091]&\$[-6.73753]&
SAMPLE 6
NORMAL
\$[0.0790522]&\$[0.267356]&\$[14.1338]&\$[0.023316]&\$[-1.05368]&
TREATED
\$[-3.25044]&\$[1.27696]&\$[-6.11761]&\$[8.76088]&\$[23.4842]&
SAMPLE 7
NORMAL
\$[-6.97111]&\$[8.702]&\$[-9.35931]&\$[11.6007]&\$[-4.06176]&
TREATED
\$[12.7359]&\$[-4.92138]&\$[-11.918]&\$[1.19801]&\$[3.80039]&
SAMPLE 8
NORMAL
\$[4.10997]&\$[10.0333]&\$[12.8742]&\$[8.34599]&\$[12.5612]&
TREATED
\$[1.73242]&\$[-7.3693]&\$[-4.60896]&\$[5.90777]&\$[-6.67045]&
SAMPLE 9
NORMAL
\$[7.50277]&\$[9.74759]&\$[-4.11297]&\$[9.37164]&\$[13.5674]&
TREATED
\$[14.712]&\$[-9.14411]&\$[-8.18096]&\$[-1.76438]&\$[1.04612]&
SAMPLE 10
NORMAL
\$[-2.13381]&\$[4.30126]&\$[0.582236]&\$[4.85761]&\$[0.0957951]&
TREATED
\$[6.63438]&\$[11.6712]&\$[4.25495]&\$[-12.1675]&\$[6.37149]&

EE19B004
alpha = 0.0463956
FWER = 0.307509
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1

NORMAL
\$[10.0252]&\$[8.37742]&\$[-3.63929]&\$[-0.588507]&\$[17.8077]&
TREATED
\$[10.0533]&\$[-1.39283]&\$[-8.05859]&\$[-2.2795]&\$[21.0506]&
SAMPLE 2
NORMAL
\$[1.30639]&\$[4.28206]&\$[2.14069]&\$[1.19656]&\$[8.46408]&
TREATED
\$[7.92371]&\$[-2.6152]&\$[2.83957]&\$[-0.110248]&\$[5.27566]&
SAMPLE 3
NORMAL
\$[19.9272]&\$[-0.921246]&\$[0.865953]&\$[-2.84331]&\$[-0.473797]&
TREATED
\$[0.921572]&\$[8.12094]&\$[4.94721]&\$[2.75645]&\$[-0.611298]&
SAMPLE 4
NORMAL
\$[8.63165]&\$[-3.78409]&\$[-6.57953]&\$[-1.62227]&\$[-11.4329]&
TREATED
\$[0.141997]&\$[6.86198]&\$[2.15318]&\$[6.05874]&\$[-8.04087]&
SAMPLE 5
NORMAL
\$[2.79699]&\$[-4.02688]&\$[4.19376]&\$[-11.2077]&\$[10.3878]&
TREATED
\$[-6.89872]&\$[7.53251]&\$[-17.8412]&\$[-15.6426]&\$[-16.8826]&
SAMPLE 6
NORMAL
\$[3.57149]&\$[11.8314]&\$[0.0553047]&\$[6.1311]&\$[2.54055]&
TREATED
\$[4.74639]&\$[-4.31988]&\$[-5.27265]&\$[-7.05259]&\$[0.554925]&
SAMPLE 7
NORMAL
\$[3.76394]&\$[7.15203]&\$[9.25522]&\$[8.01805]&\$[-0.131696]&
TREATED
\$[1.95625]&\$[14.3377]&\$[9.63927]&\$[-2.00974]&\$[-0.940713]&
SAMPLE 8
NORMAL
\$[0.298059]&\$[12.5322]&\$[-0.716911]&\$[-4.70009]&\$[1.47499]&
TREATED
\$[0.921017]&\$[1.1726]&\$[1.79103]&\$[1.35991]&\$[0.107323]&
SAMPLE 9
NORMAL
\$[-10.2653]&\$[5.25398]&\$[7.78504]&\$[-20.6695]&\$[2.56192]&
TREATED
\$[3.12362]&\$[3.20167]&\$[3.52128]&\$[4.00613]&\$[5.21886]&
SAMPLE 10
NORMAL
\$[-24.0623]&\$[12.6832]&\$[5.63664]&\$[-6.28426]&\$[7.73461]&
TREATED
\$[-0.535015]&\$[9.98973]&\$[-4.35618]&\$[6.20837]&\$[1.75657]&

EE19B007

alpha = 0.0282834

FWER = 0.350409

SAMPLE FOR TTEST : SAMPLE no. 4

SAMPLE 1

NORMAL

\$[8.43901]&\$[-4.97941]&\$[2.59872]&\$[0.228791]&\$[-2.44737]&
TREATED

\$[3.46159]&\$[12.7591]&\$[5.43237]&\$[9.61849]&\$[26.3776]&

SAMPLE 2

NORMAL

\$[0.562808]&\$[-4.65007]&\$[-8.68825]&\$[-19.5201]&\$[2.91335]&
TREATED

\$[11.6807]&\$[-6.04856]&\$[21.9916]&\$[7.58061]&\$[11.7989]&

SAMPLE 3

NORMAL

\$[-7.90442]&\$[7.66737]&\$[1.59074]&\$[8.52946]&\$[5.37753]&
TREATED

\$[3.50596]&\$[-3.37643]&\$[-7.33767]&\$[1.39201]&\$[2.11869]&

SAMPLE 4

NORMAL

\$[-1.09927]&\$[2.46053]&\$[-6.84434]&\$[3.1482]&\$[1.63718]&
TREATED

\$[7.68264]&\$[7.23341]&\$[-7.07032]&\$[1.0528]&\$[6.42969]&

SAMPLE 5

NORMAL

\$[3.62909]&\$[21.1571]&\$[7.78728]&\$[-7.0505]&\$[8.99339]&
TREATED

\$[12.0199]&\$[-7.71305]&\$[1.36446]&\$[15.5899]&\$[0.541318]&

SAMPLE 6

NORMAL

\$[-0.633551]&\$[8.44597]&\$[3.95351]&\$[-3.22041]&\$[-2.10839]&
TREATED

\$[3.57778]&\$[2.67657]&\$[4.15518]&\$[4.27026]&\$[3.32302]&

SAMPLE 7

NORMAL

\$[-0.325265]&\$[-12.5879]&\$[1.75961]&\$[-4.65547]&\$[22.3358]&
TREATED

\$[11.2148]&\$[1.70528]&\$[3.80942]&\$[1.76231]&\$[3.77937]&

SAMPLE 8

NORMAL

\$[-6.24121]&\$[10.6253]&\$[9.56966]&\$[-0.476025]&\$[14.7984]&
TREATED

\$[12.8722]&\$[-7.65725]&\$[5.47258]&\$[15.9868]&\$[6.68553]&

SAMPLE 9

NORMAL

\$[-0.968664]&\$[-5.12113]&\$[-14.0932]&\$[6.58707]&\$[-0.29058]&
TREATED

\$[-2.71041]&\$[11.1857]&\$[-14.6585]&\$[-0.067423]&\$[-9.65079]&

SAMPLE 10

NORMAL

\$[1.20875]&\$[6.9608]&\$[14.6271]&\$[7.15875]&\$[12.9088]&

TREATED

\$[3.1718]&\$[-10.8334]&\$[-1.07931]&\$[-5.94147]&\$[5.01535]&

EE19B008

alpha = 0.0180597
FWER = 0.270913
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[14.2333]&\$[6.23949]&\$[10.5119]&\$[13.7507]&\$[2.73295]&
TREATED
\$[2.85611]&\$[18.3086]&\$[-8.2518]&\$[-3.66086]&\$[8.57313]&
SAMPLE 2
NORMAL
\$[21.6944]&\$[2.74136]&\$[0.0989863]&\$[0.136632]&\$[0.438847]&
TREATED
\$[11.784]&\$[12.2996]&\$[-16.2143]&\$[-17.4351]&\$[12.5889]&
SAMPLE 3
NORMAL
\$[-1.75118]&\$[4.0216]&\$[2.0514]&\$[-8.7076]&\$[8.8766]&
TREATED
\$[6.43641]&\$[-11.4719]&\$[-7.09166]&\$[13.2328]&\$[6.35074]&
SAMPLE 4
NORMAL
\$[-1.57024]&\$[-1.13266]&\$[6.4503]&\$[2.50918]&\$[-1.68796]&
TREATED
\$[-5.19962]&\$[-8.29741]&\$[-4.70241]&\$[-8.43576]&\$[7.44709]&
SAMPLE 5
NORMAL
\$[1.29746]&\$[5.1533]&\$[4.9973]&\$[3.68356]&\$[4.87687]&
TREATED
\$[-10.6091]&\$[1.46811]&\$[7.13506]&\$[-5.63419]&\$[2.60942]&
SAMPLE 6
NORMAL
\$[-3.18836]&\$[-9.51595]&\$[-0.901954]&\$[10.8124]&\$[3.47972]&
TREATED
\$[-5.24762]&\$[11.5737]&\$[-0.445134]&\$[1.97371]&\$[10.2743]&
SAMPLE 7
NORMAL
\$[-3.04463]&\$[5.87022]&\$[3.06882]&\$[4.55489]&\$[5.60005]&
TREATED
\$[8.48646]&\$[3.21694]&\$[3.58516]&\$[-1.63335]&\$[2.33225]&
SAMPLE 8
NORMAL
\$[0.516089]&\$[-1.7806]&\$[3.06665]&\$[1.15748]&\$[0.463931]&
TREATED
\$[5.22385]&\$[-6.78249]&\$[6.9147]&\$[6.74583]&\$[-5.87999]&
SAMPLE 9
NORMAL
\$[1.73197]&\$[8.7483]&\$[5.4401]&\$[7.87822]&\$[1.74131]&
TREATED
\$[12.5766]&\$[19.2582]&\$[-7.28153]&\$[-10.3144]&\$[-10.192]&
SAMPLE 10
NORMAL
\$[5.57206]&\$[5.54024]&\$[7.06391]&\$[-11.6676]&\$[6.48975]&
TREATED
\$[-3.77337]&\$[9.78305]&\$[2.4917]&\$[8.22816]&\$[8.09213]&

EE19B010
alpha = 0.041117
FWER = 0.309211
SAMPLE FOR TTEST : SAMPLE no. 4

SAMPLE 1

NORMAL

\$[9.18604]&\$[11.8043]&\$[7.83279]&\$[0.717495]&\$[-6.39092]&

TREATED

\$[15.322]&\$[11.9283]&\$[2.15604]&\$[-7.78661]&\$[5.53943]&

SAMPLE 2

NORMAL

\$[-2.56261]&\$[-1.38932]&\$[-4.0685]&\$[10.3247]&\$[-1.2719]&

TREATED

\$[5.30593]&\$[-11.352]&\$[9.46816]&\$[6.1682]&\$[16.3125]&

SAMPLE 3

NORMAL

\$[10.4501]&\$[0.678083]&\$[-6.73402]&\$[0.675728]&\$[9.46973]&

TREATED

\$[23.7268]&\$[20.1105]&\$[5.33737]&\$[-2.9695]&\$[3.03977]&

SAMPLE 4

NORMAL

\$[0.545973]&\$[9.7013]&\$[0.533806]&\$[5.23657]&\$[2.73707]&

TREATED

\$[7.18936]&\$[0.405348]&\$[1.37388]&\$[4.63166]&\$[4.50228]&

SAMPLE 5

NORMAL

\$[-6.17094]&\$[-6.27262]&\$[10.2295]&\$[9.72538]&\$[16.2673]&

TREATED

\$[15.4067]&\$[5.19433]&\$[-6.81377]&\$[13.372]&\$[-1.48582]&

SAMPLE 6

NORMAL

\$[1.81016]&\$[-9.03714]&\$[8.81564]&\$[8.05004]&\$[1.12132]&

TREATED

\$[9.04957]&\$[-3.13288]&\$[0.866684]&\$[-2.28882]&\$[2.15415]&

SAMPLE 7

NORMAL

\$[15.8192]&\$[13.6497]&\$[-0.685726]&\$[-2.11239]&\$[0.905057]&

TREATED

\$[0.281743]&\$[9.10155]&\$[-1.97511]&\$[-2.12755]&\$[-13.7074]&

SAMPLE 8

NORMAL

\$[17.9103]&\$[9.30696]&\$[-1.85707]&\$[20.5287]&\$[0.442122]&

TREATED

\$[-3.03882]&\$[5.68241]&\$[-1.83763]&\$[2.12877]&\$[3.58777]&

SAMPLE 9

NORMAL

\$[11.7369]&\$[10.8386]&\$[-6.07917]&\$[-3.32307]&\$[1.98074]&

TREATED

\$[0.337443]&\$[-16.1025]&\$[-13.3983]&\$[11.9232]&\$[9.81133]&

SAMPLE 10

NORMAL

\$[1.63942]&\$[4.43664]&\$[2.95585]&\$[0.990263]&\$[3.86948]&

TREATED

[\$[0.169117]&,\$[-2.38144]&,\$[1.95429]&,\$[1.53393]&,\$[3.90585]&

EE19B013

alpha = 0.0201312

FWER = 0.325458

SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1

NORMAL

\$[9.17033]&,\$[8.93307]&,\$[3.15019]&,\$[5.84253]&,\$[0.966338]&

TREATED

\$[-0.938961]&,\$[5.54814]&,\$[3.58477]&,\$[-2.80075]&,\$[13.5603]&

SAMPLE 2

NORMAL

\$[3.20092]&,\$[5.83695]&,\$[2.53188]&,\$[0.304281]&,\$[0.22938]&

TREATED

\$[-1.14819]&,\$[8.39269]&,\$[12.1507]&,\$[4.50985]&,\$[7.09465]&

SAMPLE 3

NORMAL

\$[-1.10114]&,\$[6.41572]&,\$[1.42784]&,\$[0.257179]&,\$[11.7233]&

TREATED

\$[-3.35387]&,\$[0.451569]&,\$[-0.0795273]&,\$[7.31616]&,\$[5.73071]&

SAMPLE 4

NORMAL

\$[1.31093]&,\$[2.01793]&,\$[19.3075]&,\$[-1.08891]&,\$[10.0338]&

TREATED

\$[7.28746]&,\$[1.99803]&,\$[0.957905]&,\$[5.35942]&,\$[5.86568]&

SAMPLE 5

NORMAL

\$[-6.34054]&,\$[17.9598]&,\$[10.6805]&,\$[5.78531]&,\$[4.15296]&

TREATED

\$[-0.847071]&,\$[9.4064]&,\$[1.66188]&,\$[5.05097]&,\$[1.9369]&

SAMPLE 6

NORMAL

\$[7.47995]&,\$[-10.5597]&,\$[2.51455]&,\$[6.48872]&,\$[7.61153]&

TREATED

\$[1.18502]&,\$[-11.0335]&,\$[7.50065]&,\$[2.33094]&,\$[-16.6818]&

SAMPLE 7

NORMAL

\$[7.74178]&,\$[2.5865]&,\$[-4.94228]&,\$[1.80834]&,\$[0.0340486]&

TREATED

\$[4.97627]&,\$[22.1593]&,\$[0.672765]&,\$[-0.0902995]&,\$[5.30302]&

SAMPLE 8

NORMAL

\$[1.37089]&,\$[-4.80562]&,\$[18.8398]&,\$[0.400304]&,\$[0.0462762]&

TREATED

\$[9.40131]&,\$[-1.61602]&,\$[0.78]&,\$[0.413376]&,\$[2.94377]&

SAMPLE 9

NORMAL

\$[-4.51733]&,\$[-6.40091]&,\$[6.27464]&,\$[1.83278]&,\$[-0.565151]&

TREATED

\$[-2.71503]&,\$[7.71932]&,\$[-3.59052]&,\$[3.33503]&,\$[-0.396602]&

SAMPLE 10

NORMAL

\$[-1.95054]&,\$[4.35502]&,\$[4.15349]&,\$[24.1808]&,\$[2.17454]&
TREATED
\$[4.83634]&,\$[8.77442]&,\$[-0.975933]&,\$[24.4254]&,\$[6.80349]&

EE19B014

alpha = 0.037032

FWER = 0.277291

SAMPLE FOR TTEST : SAMPLE no. 9

SAMPLE 1

NORMAL

\$[6.28946]&,\$[-4.33117]&,\$[3.612]&,\$[0.844294]&,\$[6.06836]&
TREATED

\$[-2.62309]&,\$[6.40295]&,\$[-4.61669]&,\$[0.516706]&,\$[6.63007]&
SAMPLE 2

NORMAL

\$[6.23659]&,\$[2.98991]&,\$[9.86299]&,\$[8.18428]&,\$[7.74217]&
TREATED

\$[14.0653]&,\$[8.58862]&,\$[2.35624]&,\$[9.38655]&,\$[5.38272]&
SAMPLE 3

NORMAL

\$[5.88195]&,\$[5.25426]&,\$[0.659532]&,\$[7.95121]&,\$[9.40795]&
TREATED

\$[-5.96516]&,\$[-2.98659]&,\$[5.12198]&,\$[2.15168]&,\$[12.1942]&
SAMPLE 4

NORMAL

\$[7.23512]&,\$[-10.9694]&,\$[2.86525]&,\$[-5.04763]&,\$[0.0279394]&
TREATED

\$[-8.8701]&,\$[12.3919]&,\$[9.8626]&,\$[-1.96464]&,\$[-1.45764]&
SAMPLE 5

NORMAL

\$[5.92873]&,\$[2.2498]&,\$[0.394145]&,\$[11.541]&,\$[12.1513]&
TREATED

\$[-5.21436]&,\$[-14.1927]&,\$[-5.15037]&,\$[5.54235]&,\$[1.80959]&
SAMPLE 6

NORMAL

\$[1.17832]&,\$[0.59992]&,\$[4.68835]&,\$[4.91889]&,\$[1.49266]&
TREATED

\$[2.80482]&,\$[-11.4405]&,\$[-0.677725]&,\$[3.36184]&,\$[3.78658]&
SAMPLE 7

NORMAL

\$[7.28509]&,\$[0.0601984]&,\$[-3.84249]&,\$[-7.39904]&,\$[-7.93447]&
TREATED

\$[12.3184]&,\$[3.58056]&,\$[-1.53857]&,\$[15.0653]&,\$[9.44478]&
SAMPLE 8

NORMAL

\$[-11.9474]&,\$[14.2983]&,\$[18.5431]&,\$[-7.73511]&,\$[-10.3428]&
TREATED

\$[-1.07094]&,\$[3.71614]&,\$[4.88395]&,\$[-11.684]&,\$[12.9305]&
SAMPLE 9

NORMAL

\$[3.86346]&,\$[-6.69929]&,\$[10.7855]&,\$[5.16383]&,\$[7.62953]&
TREATED

\$[7.53766]&,\$[10.587]&,\$[6.4295]&,\$[-4.51984]&,\$[9.02366]&

SAMPLE 10

NORMAL

\$[-0.556998]&,\$[0.236098]&,\$[8.75868]&,\$[-13.0783]&,\$[-8.54347]&

TREATED

\$[-1.72491]&,\$[6.37271]&,\$[0.839266]&,\$[9.02521]&,\$[-7.89388]&

EE19B017

alpha = 0.00227651

FWER = 0.216015

SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1

NORMAL

\$[7.21219]&,\$[16.0682]&,\$[3.34651]&,\$[13.4473]&,\$[12.976]&

TREATED

\$[5.38572]&,\$[1.06017]&,\$[-4.28442]&,\$[4.31036]&,\$[18.0654]&

SAMPLE 2

NORMAL

\$[5.90231]&,\$[7.49679]&,\$[4.1059]&,\$[2.38232]&,\$[5.87772]&

TREATED

\$[0.709973]&,\$[6.32212]&,\$[4.20717]&,\$[4.28475]&,\$[5.51863]&

SAMPLE 3

NORMAL

\$[1.43228]&,\$[1.28612]&,\$[10.056]&,\$[0.283771]&,\$[5.37608]&

TREATED

\$[-1.00431]&,\$[-2.42609]&,\$[-7.4637]&,\$[6.34072]&,\$[-5.1485]&

SAMPLE 4

NORMAL

\$[-0.66811]&,\$[6.50528]&,\$[9.7312]&,\$[6.93375]&,\$[7.37584]&

TREATED

\$[-3.64336]&,\$[7.6189]&,\$[1.92191]&,\$[-12.4382]&,\$[10.6154]&

SAMPLE 5

NORMAL

\$[-9.80524]&,\$[7.87851]&,\$[5.3604]&,\$[6.08969]&,\$[5.72384]&

TREATED

\$[2.89704]&,\$[2.14853]&,\$[12.2537]&,\$[1.37296]&,\$[4.19374]&

SAMPLE 6

NORMAL

\$[-8.67559]&,\$[4.9658]&,\$[-3.47405]&,\$[-1.56027]&,\$[-13.8748]&

TREATED

\$[13.9512]&,\$[14.6115]&,\$[-15.9387]&,\$[-3.49499]&,\$[-9.61529]&

SAMPLE 7

NORMAL

\$[10.1673]&,\$[14.8196]&,\$[14.0509]&,\$[-9.15147]&,\$[9.8526]&

TREATED

\$[-1.76084]&,\$[-8.82902]&,\$[-9.59644]&,\$[-10.0098]&,\$[19.0967]&

SAMPLE 8

NORMAL

\$[0.698967]&,\$[6.66851]&,\$[10.574]&,\$[7.82536]&,\$[6.48032]&

TREATED

\$[11.3559]&,\$[10.5534]&,\$[-10.3275]&,\$[-12.8441]&,\$[-5.19944]&

SAMPLE 9

NORMAL

\$[-2.97527]&,\$[2.43402]&,\$[2.10753]&,\$[-4.46266]&,\$[21.2012]&

TREATED
\$[9.27742]&\$[17.4581]&\$[-5.0691]&\$[1.56474]&\$[6.78679]&
SAMPLE 10
NORMAL
\$[3.13241]&\$[-4.72453]&\$[1.6352]&\$[4.47378]&\$[-8.59642]&
TREATED
\$[-6.58809]&\$[9.88725]&\$[4.94484]&\$[5.8861]&\$[17.2242]&

EE19B019
alpha = 0.0199142
FWER = 0.262846
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[-4.48552]&\$[-4.31688]&\$[-4.10256]&\$[-2.80449]&\$[12.242]&
TREATED
\$[4.21708]&\$[-1.39911]&\$[9.80656]&\$[-1.74975]&\$[4.00269]&
SAMPLE 2
NORMAL
\$[1.05278]&\$[9.80304]&\$[-3.86541]&\$[5.24838]&\$[1.26189]&
TREATED
\$[1.6287]&\$[14.3596]&\$[-12.0263]&\$[13.31]&\$[12.6544]&
SAMPLE 3
NORMAL
\$[-0.524751]&\$[-5.33153]&\$[1.93014]&\$[-2.73922]&\$[7.60521]&
TREATED
\$[-2.75126]&\$[-3.21771]&\$[4.42902]&\$[4.32926]&\$[0.28725]&
SAMPLE 4
NORMAL
\$[8.23713]&\$[-1.53168]&\$[1.0584]&\$[7.49157]&\$[11.8884]&
TREATED
\$[-0.77973]&\$[-9.20561]&\$[-4.99349]&\$[-8.45745]&\$[7.98199]&
SAMPLE 5
NORMAL
\$[0.716731]&\$[-0.233921]&\$[6.00332]&\$[9.17926]&\$[1.00239]&
TREATED
\$[2.66079]&\$[-0.57253]&\$[21.9166]&\$[4.03035]&\$[-1.9162]&
SAMPLE 6
NORMAL
\$[0.167158]&\$[-5.81309]&\$[-11.4983]&\$[-11.4849]&\$[1.18976]&
TREATED
\$[3.70986]&\$[11.1617]&\$[5.95461]&\$[2.72764]&\$[2.92465]&
SAMPLE 7
NORMAL
\$[-4.49443]&\$[8.21146]&\$[3.5221]&\$[-3.58079]&\$[2.57789]&
TREATED
\$[14.9617]&\$[2.07137]&\$[2.65539]&\$[2.20684]&\$[3.52259]&
SAMPLE 8
NORMAL
\$[-5.99791]&\$[-9.47666]&\$[-8.46975]&\$[-9.43217]&\$[-5.16066]&
TREATED
\$[8.58107]&\$[-0.294151]&\$[7.59151]&\$[2.85782]&\$[-9.78989]&
SAMPLE 9

NORMAL
\$[9.4985]&\$[6.47977]&\$[15.741]&\$[6.68998]&\$[2.84505]&
TREATED
\$[2.98826]&\$[-1.81494]&\$[-4.89744]&\$[9.53365]&\$[3.06813]&
SAMPLE 10
NORMAL
\$[-18.7485]&\$[7.99245]&\$[5.09353]&\$[1.71967]&\$[-0.317576]&
TREATED
\$[-3.47282]&\$[-14.3428]&\$[-2.55207]&\$[-6.03094]&\$[-13.1802]&

EE19B021
alpha = 0.0225846
FWER = 0.227482
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[22.9248]&\$[28.455]&\$[7.87044]&\$[2.50143]&\$[2.00429]&
TREATED
\$[12.8546]&\$[-1.38102]&\$[9.54487]&\$[5.81767]&\$[7.35154]&
SAMPLE 2
NORMAL
\$[1.74402]&\$[1.70932]&\$[2.33387]&\$[3.9929]&\$[3.84883]&
TREATED
\$[4.99782]&\$[-2.46212]&\$[-3.02242]&\$[0.112033]&\$[-7.51018]&
SAMPLE 3
NORMAL
\$[13.2379]&\$[6.75864]&\$[0.954629]&\$[-7.10841]&\$[11.8993]&
TREATED
\$[2.28323]&\$[-6.65847]&\$[-3.88503]&\$[2.55621]&\$[6.09396]&
SAMPLE 4
NORMAL
\$[2.63072]&\$[-2.09162]&\$[6.90561]&\$[-6.89321]&\$[4.06011]&
TREATED
\$[18.6728]&\$[19.439]&\$[7.48271]&\$[10.8158]&\$[2.81591]&
SAMPLE 5
NORMAL
\$[7.86684]&\$[4.65268]&\$[2.31435]&\$[8.43379]&\$[10.0801]&
TREATED
\$[-0.207249]&\$[-2.3011]&\$[-3.54974]&\$[14.79]&\$[-4.62463]&
SAMPLE 6
NORMAL
\$[-2.05719]&\$[8.44325]&\$[0.1632]&\$[2.01275]&\$[-8.81641]&
TREATED
\$[8.81619]&\$[1.20768]&\$[20.3329]&\$[0.80952]&\$[-2.94498]&
SAMPLE 7
NORMAL
\$[-6.5895]&\$[-4.27009]&\$[10.4901]&\$[1.1587]&\$[6.3615]&
TREATED
\$[15.6761]&\$[-6.5628]&\$[2.40344]&\$[-5.22431]&\$[1.22942]&
SAMPLE 8
NORMAL
\$[3.17224]&\$[4.12796]&\$[2.67018]&\$[4.45996]&\$[5.64673]&
TREATED

\$[-0.08071]&\$[-3.59078]&\$[16.7745]&\$[13.0285]&\$[4.65978]&
SAMPLE 9
NORMAL
\$[-4.25332]&\$[16.3154]&\$[5.4461]&\$[-3.19872]&\$[-12.2577]&
TREATED
\$[6.77146]&\$[5.32862]&\$[5.97333]&\$[2.6733]&\$[5.44284]&
SAMPLE 10
NORMAL
\$[-3.09231]&\$[4.1823]&\$[8.28106]&\$[0.249446]&\$[7.85697]&
TREATED
\$[8.57429]&\$[5.43211]&\$[10.3687]&\$[3.46198]&\$[7.98072]&

EE19B024
alpha = 0.034497
FWER = 0.282081
SAMPLE FOR TTEST : SAMPLE no. 1

SAMPLE 1
NORMAL
\$[14.5888]&\$[1.0911]&\$[1.56479]&\$[-2.35245]&\$[-13.8211]&
TREATED
\$[-8.2948]&\$[8.82288]&\$[-7.2365]&\$[-3.0974]&\$[-0.433501]&
SAMPLE 2
NORMAL
\$[5.61125]&\$[-7.06551]&\$[-2.35818]&\$[2.39534]&\$[-0.294735]&
TREATED
\$[4.51256]&\$[11.8589]&\$[-2.71921]&\$[0.436792]&\$[-0.000973777]&

SAMPLE 3
NORMAL
\$[0.966144]&\$[-2.60309]&\$[-10.3278]&\$[15.9159]&\$[3.08818]&
TREATED
\$[-1.91471]&\$[-1.79158]&\$[13.8286]&\$[14.8514]&\$[3.61522]&

SAMPLE 4
NORMAL
\$[-13.3067]&\$[5.67765]&\$[-2.987]&\$[10.5217]&\$[-5.37317]&
TREATED
\$[-0.0877502]&\$[8.39851]&\$[-4.23221]&\$[2.76254]&\$[-0.772257]&

SAMPLE 5
NORMAL
\$[-1.98112]&\$[-0.595863]&\$[-0.278047]&\$[3.49781]&\$[-5.96582]&
TREATED
\$[3.80278]&\$[4.93648]&\$[-6.20963]&\$[9.01601]&\$[-3.09675]&

SAMPLE 6
NORMAL
\$[-0.0340316]&\$[-4.29172]&\$[-2.84913]&\$[-2.42005]&\$[-0.563224]&
TREATED
\$[-5.60627]&\$[7.27887]&\$[-3.21888]&\$[-4.64465]&\$[-5.22167]&

SAMPLE 7
NORMAL
\$[-9.77668]&\$[9.42819]&\$[-19.9482]&\$[10.5256]&\$[-3.16829]&
TREATED
\$[2.3608]&\$[2.13086]&\$[0.843635]&\$[2.2898]&\$[0.3759]&

SAMPLE 8
NORMAL
\$[-0.0340316]&\$[-4.29172]&\$[-2.84913]&\$[-2.42005]&\$[-0.563224]&

\$[2.6487]&\$[4.22723]&\$[13.095]&\$[9.09018]&\$[-3.61346]&
TREATED
\$[3.00148]&\$[0.0633898]&\$[3.3267]&\$[1.54656]&\$[1.29935]&
SAMPLE 9
NORMAL
\$[-5.07358]&\$[10.9773]&\$[-5.10758]&\$[-14.0439]&\$[-13.0152]&
TREATED
\$[2.20486]&\$[-9.58282]&\$[-3.95773]&\$[5.67044]&\$[0.12373]&
SAMPLE 10
NORMAL
\$[-0.169884]&\$[-2.46853]&\$[-0.833435]&\$[-1.94029]&\$[-6.39938]&
TREATED
\$[11.1121]&\$[-3.56827]&\$[12.4134]&\$[3.87046]&\$[-1.28904]&

EE19B029
alpha = 0.00121421
FWER = 0.301802
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[3.05294]&\$[-6.59025]&\$[-7.83211]&\$[9.50634]&\$[-11.4927]&
TREATED
\$[7.83007]&\$[-3.85896]&\$[-9.94867]&\$[9.18305]&\$[16.2798]&
SAMPLE 2
NORMAL
\$[7.0398]&\$[-2.41507]&\$[2.30552]&\$[-3.22401]&\$[-2.5789]&
TREATED
\$[-0.185039]&\$[-4.59863]&\$[5.40101]&\$[-3.54882]&\$[5.079]&
SAMPLE 3
NORMAL
\$[2.76385]&\$[-10.6075]&\$[-2.66544]&\$[2.129]&\$[2.00733]&
TREATED
\$[4.32499]&\$[-5.25495]&\$[1.88152]&\$[4.07123]&\$[7.07188]&
SAMPLE 4
NORMAL
\$[-5.60852]&\$[-15.0422]&\$[-10.093]&\$[13.6906]&\$[-10.1783]&
TREATED
\$[2.12012]&\$[2.03055]&\$[7.35228]&\$[1.19101]&\$[4.93169]&
SAMPLE 5
NORMAL
\$[14.5406]&\$[-0.769506]&\$[4.59623]&\$[-2.39469]&\$[-6.90307]&
TREATED
\$[-3.36396]&\$[4.07734]&\$[8.81249]&\$[9.56451]&\$[7.8621]&
SAMPLE 6
NORMAL
\$[3.85675]&\$[6.5555]&\$[11.0743]&\$[3.77609]&\$[-4.00349]&
TREATED
\$[10.1054]&\$[-5.01804]&\$[-13.4759]&\$[-3.3415]&\$[18.9344]&
SAMPLE 7
NORMAL
\$[-4.84046]&\$[-4.45354]&\$[10.8425]&\$[8.19502]&\$[10.8704]&
TREATED
\$[-3.51219]&\$[-11.3426]&\$[-11.8564]&\$[2.34676]&\$[10.245]&

SAMPLE 8
NORMAL
\$[-2.20062]&\$[-3.16684]&\$[4.48408]&\$[-0.692219]&\$[-4.23876]&
TREATED
\$[-10.77]&\$[-15.2383]&\$[14.0243]&\$[8.55006]&\$[3.71937]&
SAMPLE 9
NORMAL
\$[11.3176]&\$[16.1422]&\$[9.00174]&\$[-10.9106]&\$[-4.80884]&
TREATED
\$[6.85928]&\$[-4.72439]&\$[4.48832]&\$[3.12914]&\$[-1.23616]&
SAMPLE 10
NORMAL
\$[3.91866]&\$[1.00154]&\$[0.951847]&\$[4.25176]&\$[0.331878]&
TREATED
\$[10.5375]&\$[-2.54156]&\$[-6.39862]&\$[-2.61192]&\$[3.97376]&

EE19B030
alpha = 0.00389783
FWER = 0.34339
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[4.24427]&\$[9.41524]&\$[2.29555]&\$[5.50307]&\$[3.11512]&
TREATED
\$[2.49693]&\$[6.94333]&\$[6.49021]&\$[1.89056]&\$[5.82457]&
SAMPLE 2
NORMAL
\$[-3.79959]&\$[0.178049]&\$[-5.35834]&\$[0.214245]&\$[-6.76824]&
TREATED
\$[0.526096]&\$[-2.58588]&\$[-4.90645]&\$[-0.894595]&\$[-1.52769]&
SAMPLE 3
NORMAL
\$[8.6076]&\$[1.61172]&\$[-2.8431]&\$[7.66297]&\$[-13.9928]&
TREATED
\$[-0.0705834]&\$[15.3032]&\$[3.43397]&\$[-0.263668]&\$[10.5881]&
SAMPLE 4
NORMAL
\$[8.97288]&\$[7.19539]&\$[-6.67216]&\$[11.6957]&\$[8.38402]&
TREATED
\$[-6.7513]&\$[6.72992]&\$[2.01471]&\$[3.80579]&\$[0.191692]&
SAMPLE 5
NORMAL
\$[4.72428]&\$[12.6296]&\$[12.2632]&\$[-3.90409]&\$[9.89036]&
TREATED
\$[2.91778]&\$[12.8913]&\$[16.3569]&\$[16.2462]&\$[7.5342]&
SAMPLE 6
NORMAL
\$[3.73402]&\$[-12.7401]&\$[-5.46873]&\$[-9.64451]&\$[0.043711]&
TREATED
\$[4.52837]&\$[-12.0953]&\$[1.42996]&\$[4.86577]&\$[0.319797]&
SAMPLE 7
NORMAL
\$[-4.73039]&\$[-7.47862]&\$[-7.93436]&\$[-4.29148]&\$[3.19989]&

TREATED
\$[3.25532]&\$[0.252036]&\$[12.6528]&\$[7.9989]&\$[-3.31968]&
SAMPLE 8
NORMAL
\$[7.18596]&\$[-4.73751]&\$[24.6599]&\$[7.87197]&\$[-4.1355]&
TREATED
\$[7.9155]&\$[9.25517]&\$[2.7343]&\$[5.25165]&\$[-5.94855]&
SAMPLE 9
NORMAL
\$[0.579046]&\$[6.74702]&\$[6.13144]&\$[7.22063]&\$[8.33717]&
TREATED
\$[10.4796]&\$[-0.396995]&\$[-0.530649]&\$[-2.45183]&\$[-14.5416]&
SAMPLE 10
NORMAL
\$[1.03327]&\$[7.64609]&\$[-0.247844]&\$[-1.91136]&\$[0.442947]&
TREATED
\$[-0.115329]&\$[10.3765]&\$[0.476698]&\$[3.28849]&\$[-0.214943]&

EE19B033
alpha = 0.00548236
FWER = 0.392884
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[-2.057]&\$[3.00493]&\$[3.12102]&\$[4.98273]&\$[-5.518]&
TREATED
\$[-2.12871]&\$[8.74783]&\$[5.65374]&\$[7.0191]&\$[-0.164609]&
SAMPLE 2
NORMAL
\$[-4.60798]&\$[4.27792]&\$[-3.75074]&\$[8.12318]&\$[3.16662]&
TREATED
\$[-7.7612]&\$[5.86776]&\$[3.41632]&\$[0.263235]&\$[7.34059]&
SAMPLE 3
NORMAL
\$[-9.95485]&\$[-5.39482]&\$[5.41696]&\$[0.352839]&\$[3.73787]&
TREATED
\$[-3.92617]&\$[6.13943]&\$[-9.46786]&\$[3.57187]&\$[-7.78098]&
SAMPLE 4
NORMAL
\$[-1.70942]&\$[9.73468]&\$[9.18299]&\$[-14.3759]&\$[-10.7186]&
TREATED
\$[0.0664165]&\$[6.00557]&\$[4.15531]&\$[-4.29601]&\$[6.86813]&
SAMPLE 5
NORMAL
\$[-0.712324]&\$[5.3856]&\$[1.0901]&\$[3.36928]&\$[10.0833]&
TREATED
\$[-12.8674]&\$[4.27527]&\$[7.59151]&\$[-4.41118]&\$[-5.97809]&
SAMPLE 6
NORMAL
\$[4.59752]&\$[10.2736]&\$[3.57455]&\$[3.27777]&\$[4.73748]&
TREATED
\$[-1.31174]&\$[-7.20782]&\$[1.30537]&\$[9.67921]&\$[-3.27434]&
SAMPLE 7

NORMAL
\$[-16.462]&\$[4.99951]&\$[11.763]&\$[14.1366]&\$[-1.5954]&
TREATED
\$[1.00776]&\$[-1.12574]&\$[-0.557041]&\$[1.92206]&\$[-0.894876]&
SAMPLE 8
NORMAL
\$[-0.341056]&\$[-2.82023]&\$[11.934]&\$[-3.61067]&\$[-5.76317]&
TREATED
\$[5.95606]&\$[7.65361]&\$[-8.7761]&\$[0.0277135]&\$[4.66425]&
SAMPLE 9
NORMAL
\$[8.05689]&\$[11.8239]&\$[1.22868]&\$[6.55453]&\$[8.46787]&
TREATED
\$[-0.760078]&\$[3.32731]&\$[4.77443]&\$[5.79346]&\$[2.00411]&
SAMPLE 10
NORMAL
\$[-3.87645]&\$[11.5406]&\$[5.91663]&\$[6.11231]&\$[-7.40401]&
TREATED
\$[4.03003]&\$[2.69707]&\$[3.01001]&\$[3.08589]&\$[3.74072]&

EE19B036
alpha = 0.0155443
FWER = 0.367092
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[2.54863]&\$[8.06875]&\$[-1.0872]&\$[3.64204]&\$[5.23575]&
TREATED
\$[2.52491]&\$[-1.37131]&\$[8.09002]&\$[3.94007]&\$[9.06411]&
SAMPLE 2
NORMAL
\$[-0.0836667]&\$[-1.48706]&\$[2.97124]&\$[-1.41058]&\$[-0.446465]&
TREATED
\$[13.0215]&\$[1.25991]&\$[5.5059]&\$[-0.418857]&\$[12.3865]&
SAMPLE 3
NORMAL
\$[-6.60757]&\$[-2.38791]&\$[4.0302]&\$[1.53493]&\$[-9.1294]&
TREATED
\$[0.697887]&\$[7.09953]&\$[10.4821]&\$[-0.137307]&\$[-0.11023]&
SAMPLE 4
NORMAL
\$[-4.49725]&\$[0.412057]&\$[-5.79466]&\$[5.39515]&\$[-1.53602]&
TREATED
\$[-10.5712]&\$[4.84341]&\$[11.6948]&\$[6.45776]&\$[-10.2377]&
SAMPLE 5
NORMAL
\$[5.5123]&\$[3.76669]&\$[3.37526]&\$[-3.28561]&\$[3.48051]&
TREATED
\$[5.96835]&\$[2.8722]&\$[17.1919]&\$[0.212118]&\$[5.67607]&
SAMPLE 6
NORMAL
\$[-11.3243]&\$[12.1403]&\$[8.96141]&\$[3.24183]&\$[4.08064]&
TREATED

\$[22.7257]&\$[2.41475]&\$[17.0106]&\$[-12.8247]&\$[-3.1788]&
SAMPLE 7
NORMAL
\$[6.1679]&\$[-3.63012]&\$[-2.24865]&\$[-5.90652]&\$[8.79061]&
TREATED
\$[-0.757115]&\$[-1.64412]&\$[3.28214]&\$[-1.42589]&\$[6.59673]&
SAMPLE 8
NORMAL
\$[9.42047]&\$[-4.87336]&\$[-2.4615]&\$[15.2588]&\$[-4.92982]&
TREATED
\$[7.11087]&\$[-0.542159]&\$[4.09173]&\$[-3.72001]&\$[-11.2103]&
SAMPLE 9
NORMAL
\$[5.88882]&\$[-0.962483]&\$[-2.55832]&\$[3.93681]&\$[-1.95239]&
TREATED
\$[-8.67004]&\$[-4.80176]&\$[3.72929]&\$[0.103422]&\$[5.80947]&
SAMPLE 10
NORMAL
\$[6.56844]&\$[3.10724]&\$[3.08543]&\$[-2.6083]&\$[9.1413]&
TREATED
\$[-9.14553]&\$[-7.5172]&\$[-4.81941]&\$[9.06669]&\$[12.8697]&

EE19B039
alpha = 0.0226222
FWER = 0.340612
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[6.24841]&\$[6.47021]&\$[-11.6315]&\$[6.98614]&\$[14.9002]&
TREATED
\$[-1.57585]&\$[-5.53906]&\$[8.60491]&\$[21.0458]&\$[4.54596]&
SAMPLE 2
NORMAL
\$[-2.04035]&\$[13.6912]&\$[15.3988]&\$[-11.5986]&\$[-0.0201887]&
TREATED
\$[11.7343]&\$[0.191963]&\$[-6.13879]&\$[6.25301]&\$[1.23785]&
SAMPLE 3
NORMAL
\$[-5.43223]&\$[4.72901]&\$[-5.9264]&\$[-7.82247]&\$[2.92204]&
TREATED
\$[0.362306]&\$[-8.51477]&\$[-6.78163]&\$[3.8267]&\$[1.48539]&
SAMPLE 4
NORMAL
\$[4.31271]&\$[0.995434]&\$[3.0979]&\$[-2.72181]&\$[-1.28508]&
TREATED
\$[7.99635]&\$[-2.27864]&\$[12.2399]&\$[-3.27516]&\$[-18.236]&
SAMPLE 5
NORMAL
\$[3.80212]&\$[-3.07145]&\$[0.89892]&\$[1.1207]&\$[-0.694368]&
TREATED
\$[11.7344]&\$[-0.599487]&\$[5.66875]&\$[7.82652]&\$[13.9202]&
SAMPLE 6
NORMAL

\$[-3.97944]&,\$[1.24538]&,\$[6.03394]&,\$[-9.01328]&,\$[1.22101]&
TREATED
\$[-2.08668]&,\$[3.73402]&,\$[0.501336]&,\$[5.8885]&,\$[1.46323]&
SAMPLE 7
NORMAL
\$[7.67119]&,\$[0.320109]&,\$[-1.48092]&,\$[0.870635]&,\$[8.14916]&
TREATED
\$[17.8696]&,\$[11.3429]&,\$[6.99521]&,\$[3.82492]&,\$[9.86025]&
SAMPLE 8
NORMAL
\$[-3.13034]&,\$[-7.39725]&,\$[-18.4963]&,\$[-3.35049]&,\$[-7.90322]&
TREATED
\$[6.26913]&,\$[-9.76382]&,\$[-1.11577]&,\$[2.89373]&,\$[6.58761]&
SAMPLE 9
NORMAL
\$[-1.34442]&,\$[7.36398]&,\$[-8.4137]&,\$[-2.58318]&,\$[11.125]&
TREATED
\$[-13.1186]&,\$[1.33483]&,\$[11.4351]&,\$[1.79204]&,\$[0.401971]&
SAMPLE 10
NORMAL
\$[3.17238]&,\$[10.9957]&,\$[13.0494]&,\$[1.01698]&,\$[6.33839]&
TREATED
\$[7.63854]&,\$[4.49891]&,\$[-9.75945]&,\$[-0.415481]&,\$[4.34065]&

EE19B040
alpha = 0.0272323
FWER = 0.200615
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[1.55845]&,\$[2.39481]&,\$[4.11671]&,\$[4.18105]&,\$[-3.47311]&
TREATED
\$[6.58721]&,\$[12.4426]&,\$[-3.12051]&,\$[15.1158]&,\$[-6.54152]&
SAMPLE 2
NORMAL
\$[3.83609]&,\$[4.19643]&,\$[1.50373]&,\$[3.29241]&,\$[3.06522]&
TREATED
\$[6.132]&,\$[6.02225]&,\$[10.8911]&,\$[0.287426]&,\$[-5.64638]&
SAMPLE 3
NORMAL
\$[3.85209]&,\$[-0.525705]&,\$[7.54101]&,\$[0.887779]&,\$[9.84224]&
TREATED
\$[-3.89645]&,\$[-5.8514]&,\$[11.2049]&,\$[11.0556]&,\$[-8.22576]&
SAMPLE 4
NORMAL
\$[1.85697]&,\$[5.03779]&,\$[13.4311]&,\$[7.78993]&,\$[3.48087]&
TREATED
\$[4.36964]&,\$[2.16807]&,\$[0.291308]&,\$[4.86418]&,\$[-1.58836]&
SAMPLE 5
NORMAL
\$[-1.20271]&,\$[-1.78669]&,\$[0.525489]&,\$[-0.264463]&,\$[0.779223]&
TREATED
\$[5.67789]&,\$[25.7186]&,\$[12.6978]&,\$[8.76359]&,\$[-0.225186]&

SAMPLE 6
NORMAL
\$[-4.42677]&\$[-4.72387]&\$[-0.0145681]&\$[-0.533222]&\$[-4.37471]&
TREATED
\$[0.755995]&\$[2.54926]&\$[2.81009]&\$[2.13676]&\$[2.21949]&
SAMPLE 7
NORMAL
\$[5.48106]&\$[11.72]&\$[8.14355]&\$[12.9763]&\$[-1.38601]&
TREATED
\$[1.59871]&\$[14.4685]&\$[-0.505953]&\$[-6.23817]&\$[3.42329]&
SAMPLE 8
NORMAL
\$[2.53461]&\$[1.69601]&\$[5.64567]&\$[4.89398]&\$[0.571172]&
TREATED
\$[20.8873]&\$[-16.344]&\$[1.64634]&\$[10.7105]&\$[5.01692]&
SAMPLE 9
NORMAL
\$[3.79347]&\$[0.320779]&\$[0.999206]&\$[3.40337]&\$[-5.03654]&
TREATED
\$[4.95538]&\$[2.80945]&\$[0.962952]&\$[-2.05849]&\$[3.42061]&
SAMPLE 10
NORMAL
\$[3.15945]&\$[6.83925]&\$[8.68667]&\$[3.78041]&\$[6.45906]&
TREATED
\$[9.46744]&\$[-1.77951]&\$[4.78334]&\$[9.71962]&\$[2.69364]&

EE19B042
alpha = 0.0379263
FWER = 0.32984
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[3.82284]&\$[12.1724]&\$[3.67114]&\$[-1.68818]&\$[-0.93829]&
TREATED
\$[1.16114]&\$[13.0622]&\$[11.5105]&\$[-1.59991]&\$[0.971715]&
SAMPLE 2
NORMAL
\$[-2.54832]&\$[-2.69313]&\$[6.64163]&\$[1.86501]&\$[1.71001]&
TREATED
\$[4.316]&\$[0.351544]&\$[-2.01006]&\$[1.06798]&\$[-0.360202]&
SAMPLE 3
NORMAL
\$[-11.4416]&\$[-3.65532]&\$[-11.9337]&\$[-7.03653]&\$[-3.50989]&
TREATED
\$[-0.535967]&\$[-1.67404]&\$[4.56406]&\$[-0.53186]&\$[1.64298]&
SAMPLE 4
NORMAL
\$[2.38444]&\$[4.84118]&\$[-3.21368]&\$[0.283496]&\$[8.01325]&
TREATED
\$[-2.52095]&\$[3.40336]&\$[7.49391]&\$[8.95973]&\$[2.4247]&
SAMPLE 5
NORMAL
\$[-1.99825]&\$[9.28498]&\$[7.03623]&\$[-0.0830354]&\$[-3.92121]&

TREATED
\$[-1.28731]&\$[0.719551]&\$[2.61236]&\$[1.55257]&\$[2.52196]&
SAMPLE 6
NORMAL
\$[-0.231352]&\$[-6.9499]&\$[2.59952]&\$[-5.54587]&\$[3.27624]&
TREATED
\$[-4.98815]&\$[-1.58181]&\$[8.30286]&\$[-2.5385]&\$[-15.1752]&
SAMPLE 7
NORMAL
\$[3.38567]&\$[11.3412]&\$[12.3431]&\$[14.3965]&\$[7.80951]&
TREATED
\$[-10.4005]&\$[-8.5525]&\$[-1.98662]&\$[12.2291]&\$[-7.49021]&
SAMPLE 8
NORMAL
\$[12.9816]&\$[10.8062]&\$[0.313618]&\$[7.97801]&\$[2.59182]&
TREATED
\$[5.77818]&\$[0.476066]&\$[8.61161]&\$[7.20851]&\$[-0.0654737]&
SAMPLE 9
NORMAL
\$[-10.0146]&\$[-2.688]&\$[13.4412]&\$[-3.38203]&\$[7.00754]&
TREATED
\$[5.6109]&\$[6.30328]&\$[6.15196]&\$[-0.914237]&\$[16.1261]&
SAMPLE 10
NORMAL
\$[4.32786]&\$[0.087303]&\$[13.5104]&\$[3.22702]&\$[-8.84046]&
TREATED
\$[2.64728]&\$[-9.17618]&\$[-16.1333]&\$[-1.4845]&\$[-5.7344]&

EE19B044
alpha = 0.0390918
FWER = 0.275655
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[0.155249]&\$[-0.0763706]&\$[6.6942]&\$[-0.502091]&\$[0.570522]&
TREATED
\$[8.48658]&\$[4.47688]&\$[1.91793]&\$[11.901]&\$[7.25603]&
SAMPLE 2
NORMAL
\$[9.16948]&\$[4.75675]&\$[-1.21362]&\$[-8.58842]&\$[-5.10717]&
TREATED
\$[-2.47834]&\$[-7.57073]&\$[-1.48261]&\$[17.3773]&\$[15.3172]&
SAMPLE 3
NORMAL
\$[2.54841]&\$[0.290847]&\$[1.9536]&\$[6.59726]&\$[-4.2103]&
TREATED
\$[3.92742]&\$[4.38842]&\$[-0.575563]&\$[6.2997]&\$[-1.11341]&
SAMPLE 4
NORMAL
\$[-2.73802]&\$[11.6621]&\$[4.22619]&\$[12.5561]&\$[5.2801]&
TREATED
\$[0.433727]&\$[7.22581]&\$[-9.83924]&\$[4.22654]&\$[1.35825]&
SAMPLE 5

NORMAL
\$[2.3655]&\$[1.18225]&\$[1.03291]&\$[8.28123]&\$[8.86905]&
TREATED
\$[2.30781]&\$[10.0363]&\$[18.3491]&\$[12.146]&\$[16.9181]&
SAMPLE 6
NORMAL
\$[12.8529]&\$[22.7591]&\$[2.22561]&\$[16.0236]&\$[-12.0165]&
TREATED
\$[7.1618]&\$[13.8936]&\$[4.33716]&\$[-3.27849]&\$[7.48927]&
SAMPLE 7
NORMAL
\$[-0.344187]&\$[-2.08821]&\$[1.1616]&\$[-4.17768]&\$[-2.59855]&
TREATED
\$[-13.3613]&\$[-0.845292]&\$[7.07267]&\$[16.8304]&\$[3.28126]&
SAMPLE 8
NORMAL
\$[2.62162]&\$[4.90395]&\$[8.90571]&\$[4.11637]&\$[1.47895]&
TREATED
\$[7.17244]&\$[5.36675]&\$[4.63431]&\$[0.80228]&\$[-1.93407]&
SAMPLE 9
NORMAL
\$[-0.781127]&\$[-17.3821]&\$[6.3768]&\$[-3.7224]&\$[14.0853]&
TREATED
\$[-4.46942]&\$[3.30035]&\$[-8.91075]&\$[-4.01007]&\$[8.08849]&
SAMPLE 10
NORMAL
\$[-7.40564]&\$[0.46217]&\$[9.01781]&\$[-2.01477]&\$[-3.14319]&
TREATED
\$[6.62687]&\$[6.04372]&\$[5.37946]&\$[-5.36622]&\$[-13.5347]&

EE19B061
alpha = 0.0101781
FWER = 0.31518
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[-2.13108]&\$[5.23327]&\$[3.58506]&\$[0.643301]&\$[10.0994]&
TREATED
\$[6.44292]&\$[8.23101]&\$[8.33629]&\$[-0.625904]&\$[-17.9962]&
SAMPLE 2
NORMAL
\$[-2.00815]&\$[-11.9497]&\$[1.53206]&\$[1.36155]&\$[1.3435]&
TREATED
\$[4.56144]&\$[3.16652]&\$[11.49]&\$[7.97083]&\$[3.38523]&
SAMPLE 3
NORMAL
\$[-0.702569]&\$[-3.46615]&\$[8.82404]&\$[-2.0034]&\$[-1.95732]&
TREATED
\$[5.0296]&\$[-9.20042]&\$[-0.09854]&\$[-9.30604]&\$[-1.02634]&
SAMPLE 4
NORMAL
\$[-1.4815]&\$[2.81956]&\$[12.8987]&\$[6.55188]&\$[3.15319]&
TREATED

\$[0.0346293]&\$[-10.4022]&\$[9.13261]&\$[-19.7782]&\$[3.92463]&
SAMPLE 5
NORMAL
\$[2.48041]&\$[5.01857]&\$[-2.04146]&\$[4.38843]&\$[1.5568]&
TREATED
\$[18.3024]&\$[-11.8687]&\$[-12.0759]&\$[-12.7982]&\$[1.53075]&
SAMPLE 6
NORMAL
\$[8.41878]&\$[2.26162]&\$[-4.77657]&\$[10.8209]&\$[-9.62384]&
TREATED
\$[0.569424]&\$[4.44678]&\$[3.96975]&\$[9.16276]&\$[0.382025]&
SAMPLE 7
NORMAL
\$[-8.40662]&\$[11.0057]&\$[14.5745]&\$[9.47444]&\$[-4.89371]&
TREATED
\$[4.27378]&\$[-18.0268]&\$[-10.6288]&\$[-1.80099]&\$[16.0689]&
SAMPLE 8
NORMAL
\$[9.35664]&\$[9.4777]&\$[4.61589]&\$[6.10782]&\$[11.2168]&
TREATED
\$[-1.03173]&\$[7.50518]&\$[-5.62156]&\$[0.0703429]&\$[-5.00173]&
SAMPLE 9
NORMAL
\$[0.427338]&\$[5.26487]&\$[1.38332]&\$[1.50073]&\$[1.76749]&
TREATED
\$[-5.06301]&\$[12.3432]&\$[10.9042]&\$[8.14129]&\$[-2.07445]&
SAMPLE 10
NORMAL
\$[1.76253]&\$[2.8872]&\$[4.04989]&\$[1.52189]&\$[0.620461]&
TREATED
\$[13.2109]&\$[-4.24992]&\$[10.057]&\$[4.52435]&\$[15.8871]&

EE19B063
alpha = 0.0496527
FWER = 0.29914
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[1.67898]&\$[10.0702]&\$[1.43791]&\$[-2.57224]&\$[-1.51258]&
TREATED
\$[4.23311]&\$[14.5113]&\$[0.199993]&\$[8.4942]&\$[13.5911]&
SAMPLE 2
NORMAL
\$[3.98738]&\$[-11.7299]&\$[-0.90897]&\$[-6.56626]&\$[-20.1777]&
TREATED
\$[-1.84848]&\$[1.67524]&\$[-4.53138]&\$[11.6344]&\$[2.33217]&
SAMPLE 3
NORMAL
\$[-4.7522]&\$[6.23706]&\$[-4.03156]&\$[-3.86278]&\$[-3.0196]&
TREATED
\$[1.93839]&\$[-3.51821]&\$[11.7717]&\$[5.46798]&\$[-4.90624]&
SAMPLE 4
NORMAL

\$[6.37094]&\$[-2.79502]&\$[9.62127]&\$[16.0722]&\$[3.62843]&
TREATED
\$[2.52668]&\$[-3.98587]&\$[6.37039]&\$[15.7427]&\$[-5.70405]&
SAMPLE 5
NORMAL
\$[1.08254]&\$[5.71374]&\$[-1.64568]&\$[-0.0717713]&\$[-3.08978]&
TREATED
\$[-3.11686]&\$[6.45961]&\$[1.29032]&\$[-6.79833]&\$[1.72577]&
SAMPLE 6
NORMAL
\$[-3.21012]&\$[4.59076]&\$[1.08966]&\$[7.72367]&\$[3.64537]&
TREATED
\$[0.142798]&\$[-0.294279]&\$[1.04593]&\$[4.1199]&\$[-0.110431]&
SAMPLE 7
NORMAL
\$[-1.53812]&\$[9.26123]&\$[-1.20862]&\$[7.96311]&\$[-5.75435]&
TREATED
\$[2.99857]&\$[6.87755]&\$[18.0845]&\$[15.9028]&\$[4.21439]&
SAMPLE 8
NORMAL
\$[4.82634]&\$[6.60151]&\$[6.42586]&\$[10.882]&\$[8.18756]&
TREATED
\$[4.50371]&\$[2.01144]&\$[12.3267]&\$[-5.30116]&\$[20.3502]&
SAMPLE 9
NORMAL
\$[-0.266591]&\$[5.22742]&\$[-9.41735]&\$[10.7722]&\$[1.38041]&
TREATED
\$[12.8961]&\$[2.60912]&\$[8.89191]&\$[-1.4896]&\$[4.73444]&
SAMPLE 10
NORMAL
\$[8.83067]&\$[4.3551]&\$[-5.99024]&\$[3.42028]&\$[6.84423]&
TREATED
\$[-13.3372]&\$[2.96558]&\$[-2.57695]&\$[23.773]&\$[-4.65281]&

EE19B065
alpha = 0.0389116
FWER = 0.332094
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[-1.29722]&\$[2.72391]&\$[-1.31908]&\$[11.4466]&\$[1.53026]&
TREATED
\$[10.5111]&\$[11.145]&\$[-1.77817]&\$[-7.73586]&\$[-1.05958]&
SAMPLE 2
NORMAL
\$[-14.0406]&\$[-5.12722]&\$[-7.09322]&\$[4.50942]&\$[7.57743]&
TREATED
\$[-12.3222]&\$[1.0717]&\$[9.38088]&\$[-4.08036]&\$[-5.81032]&
SAMPLE 3
NORMAL
\$[-5.01333]&\$[0.0478104]&\$[0.495739]&\$[10.7029]&\$[1.45963]&
TREATED
\$[2.08523]&\$[7.08734]&\$[-5.28004]&\$[13.3855]&\$[-2.87307]&

SAMPLE 4
NORMAL
\$[3.89488]&\$[3.64945]&\$[2.24672]&\$[2.70656]&\$[2.92768]&
TREATED
\$[4.31463]&\$[-2.49551]&\$[2.20084]&\$[5.31234]&\$[14.6183]&
SAMPLE 5
NORMAL
\$[-14.5462]&\$[2.84268]&\$[-6.45916]&\$[-7.26639]&\$[-4.4418]&
TREATED
\$[20.5693]&\$[-4.1438]&\$[9.93103]&\$[-8.86715]&\$[-0.629086]&
SAMPLE 6
NORMAL
\$[-10.7282]&\$[19.0501]&\$[4.52888]&\$[-14.2439]&\$[4.90905]&
TREATED
\$[-5.67902]&\$[-4.94996]&\$[11.5354]&\$[-0.0906529]&\$[-3.31407]&
SAMPLE 7
NORMAL
\$[-6.56761]&\$[-1.76602]&\$[5.28896]&\$[-9.54805]&\$[4.45791]&
TREATED
\$[5.54059]&\$[14.3419]&\$[13.9976]&\$[-2.29497]&\$[-0.330925]&
SAMPLE 8
NORMAL
\$[-1.49641]&\$[8.86402]&\$[3.8291]&\$[-17.1117]&\$[0.604276]&
TREATED
\$[3.46349]&\$[-0.741369]&\$[7.4338]&\$[1.3531]&\$[7.62467]&
SAMPLE 9
NORMAL
\$[0.0672479]&\$[6.65873]&\$[13.7407]&\$[0.473134]&\$[3.6296]&
TREATED
\$[-7.27764]&\$[-8.24649]&\$[0.675342]&\$[7.46917]&\$[-5.9203]&
SAMPLE 10
NORMAL
\$[2.05962]&\$[-3.28482]&\$[8.24216]&\$[2.77654]&\$[15.052]&
TREATED
\$[4.11726]&\$[-6.20573]&\$[6.45321]&\$[-2.03596]&\$[-0.45634]&

EE19B066
alpha = 0.0110872
FWER = 0.349089
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[1.14048]&\$[7.40165]&\$[-0.461051]&\$[-2.86456]&\$[1.19226]&
TREATED
\$[-6.58805]&\$[22.3682]&\$[-1.40722]&\$[17.4358]&\$[-0.976184]&
SAMPLE 2
NORMAL
\$[-5.70878]&\$[-2.42966]&\$[14.1562]&\$[15.7711]&\$[1.51317]&
TREATED
\$[10.7837]&\$[-1.86426]&\$[2.22204]&\$[-10.7318]&\$[7.50214]&
SAMPLE 3
NORMAL
\$[7.62858]&\$[10.0915]&\$[11.8786]&\$[11.0804]&\$[6.49574]&

TREATED
\$[-3.3684]&\$[3.39002]&\$[2.2944]&\$[1.47782]&\$[2.94557]&
SAMPLE 4
NORMAL
\$[8.32254]&\$[15.0281]&\$[-8.17757]&\$[5.15291]&\$[4.96003]&
TREATED
\$[3.44324]&\$[-1.34099]&\$[4.05173]&\$[4.49211]&\$[-0.00763669]&
SAMPLE 5
NORMAL
\$[-13.5239]&\$[0.620517]&\$[-14.2264]&\$[-4.21903]&\$[1.6298]&
TREATED
\$[9.76628]&\$[2.71783]&\$[-0.560811]&\$[1.53352]&\$[8.20664]&
SAMPLE 6
NORMAL
\$[-12.1675]&\$[2.84059]&\$[4.76322]&\$[0.814053]&\$[5.54573]&
TREATED
\$[-10.3037]&\$[0.713411]&\$[14.6303]&\$[-4.87812]&\$[-9.46249]&
SAMPLE 7
NORMAL
\$[15.1938]&\$[1.7495]&\$[4.07501]&\$[-4.69041]&\$[-5.78582]&
TREATED
\$[-1.62803]&\$[-3.80363]&\$[3.10749]&\$[-0.412117]&\$[4.10984]&
SAMPLE 8
NORMAL
\$[12.3332]&\$[18.6021]&\$[4.26443]&\$[20.502]&\$[21.4119]&
TREATED
\$[3.51215]&\$[8.39032]&\$[12.579]&\$[-6.97235]&\$[-2.29891]&
SAMPLE 9
NORMAL
\$[-2.23844]&\$[-6.2464]&\$[6.43346]&\$[-10.2368]&\$[17.8262]&
TREATED
\$[5.3583]&\$[1.50374]&\$[7.09655]&\$[-3.54322]&\$[-4.71279]&
SAMPLE 10
NORMAL
\$[8.44915]&\$[4.67404]&\$[-0.327969]&\$[4.20786]&\$[-0.239807]&
TREATED
\$[15.4597]&\$[7.039]&\$[13.761]&\$[1.45075]&\$[11.9881]&

EE19B068
alpha = 0.0211091
FWER = 0.285645
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[-0.726515]&\$[0.255653]&\$[1.94353]&\$[2.54017]&\$[3.28356]&
TREATED
\$[9.36161]&\$[5.57618]&\$[7.91704]&\$[3.03741]&\$[1.37613]&
SAMPLE 2
NORMAL
\$[-12.6831]&\$[8.40198]&\$[6.83248]&\$[8.44489]&\$[-4.61449]&
TREATED
\$[0.0912705]&\$[-3.77881]&\$[-3.02968]&\$[6.29758]&\$[15.773]&
SAMPLE 3

NORMAL
\$[12.6144]&\$[5.31807]&\$[-1.44978]&\$[12.9775]&\$[0.907532]&
TREATED
\$[5.71216]&\$[-2.86244]&\$[-0.0970093]&\$[12.0863]&\$[6.62931]&
SAMPLE 4
NORMAL
\$[5.16077]&\$[-12.6534]&\$[-2.427]&\$[-3.3693]&\$[-4.78844]&
TREATED
\$[-2.2626]&\$[9.4066]&\$[2.33969]&\$[-1.49023]&\$[-3.51135]&
SAMPLE 5
NORMAL
\$[4.90176]&\$[13.8337]&\$[0.481454]&\$[2.35066]&\$[12.8084]&
TREATED
\$[-18.2076]&\$[0.462359]&\$[-1.0206]&\$[-2.44998]&\$[7.02323]&
SAMPLE 6
NORMAL
\$[1.18922]&\$[4.07288]&\$[6.21605]&\$[4.04483]&\$[1.72291]&
TREATED
\$[-1.661]&\$[-5.11928]&\$[-1.90916]&\$[5.71916]&\$[4.92629]&
SAMPLE 7
NORMAL
\$[-10.6553]&\$[7.66754]&\$[12.4515]&\$[2.81034]&\$[1.26677]&
TREATED
\$[6.42822]&\$[1.80142]&\$[0.926433]&\$[0.261945]&\$[4.54998]&
SAMPLE 8
NORMAL
\$[-1.55838]&\$[-1.38299]&\$[0.870803]&\$[-0.595656]&\$[-4.22075]&
TREATED
\$[-8.59213]&\$[1.06983]&\$[1.92589]&\$[8.5663]&\$[2.70648]&
SAMPLE 9
NORMAL
\$[6.05993]&\$[4.05329]&\$[-1.9587]&\$[-11.1929]&\$[-5.96969]&
TREATED
\$[17.7461]&\$[7.24656]&\$[17.5872]&\$[11.2804]&\$[1.53109]&
SAMPLE 10
NORMAL
\$[5.97746]&\$[6.68252]&\$[-1.31929]&\$[4.64476]&\$[-7.58985]&
TREATED
\$[14.7643]&\$[-3.50686]&\$[-12.8459]&\$[2.49586]&\$[7.08473]&

EE19B073
alpha = 0.0310103
FWER = 0.333681
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[-1.35567]&\$[-9.96207]&\$[-9.24153]&\$[3.14591]&\$[5.8264]&
TREATED
\$[2.55912]&\$[-4.08174]&\$[-2.70839]&\$[5.16473]&\$[-6.6009]&
SAMPLE 2
NORMAL
\$[12.4956]&\$[-5.5881]&\$[-4.98327]&\$[-6.33723]&\$[-0.368139]&
TREATED

\$[5.09106]&\$[-5.42072]&\$[-13.8727]&\$[6.12851]&\$[1.04689]&
SAMPLE 3
NORMAL
\$[16.0915]&\$[1.78518]&\$[10.939]&\$[-4.6665]&\$[-11.8912]&
TREATED
\$[-0.129789]&\$[-7.71568]&\$[-2.68207]&\$[16.7209]&\$[11.4896]&
SAMPLE 4
NORMAL
\$[4.02221]&\$[-5.56418]&\$[1.54629]&\$[5.29121]&\$[8.93864]&
TREATED
\$[9.92159]&\$[-7.47687]&\$[0.716979]&\$[4.58593]&\$[6.02807]&
SAMPLE 5
NORMAL
\$[2.22759]&\$[-15.3158]&\$[10.8113]&\$[9.88903]&\$[0.541961]&
TREATED
\$[-0.760876]&\$[5.80553]&\$[1.92975]&\$[-1.0552]&\$[5.2512]&
SAMPLE 6
NORMAL
\$[4.83041]&\$[1.35308]&\$[2.24146]&\$[0.721052]&\$[1.63075]&
TREATED
\$[26.1064]&\$[5.06645]&\$[9.45072]&\$[7.72906]&\$[-4.34336]&
SAMPLE 7
NORMAL
\$[6.66561]&\$[-6.38804]&\$[2.61335]&\$[3.29721]&\$[-1.88377]&
TREATED
\$[1.05855]&\$[2.89215]&\$[6.72324]&\$[6.04836]&\$[17.6399]&
SAMPLE 8
NORMAL
\$[-9.31491]&\$[6.9086]&\$[-5.7921]&\$[10.1515]&\$[-6.13994]&
TREATED
\$[-6.00644]&\$[5.62204]&\$[8.88711]&\$[-0.227731]&\$[4.46372]&
SAMPLE 9
NORMAL
\$[2.30066]&\$[-0.289544]&\$[-1.27921]&\$[7.56805]&\$[-4.44078]&
TREATED
\$[13.9878]&\$[2.96658]&\$[6.56616]&\$[4.6246]&\$[-3.45544]&
SAMPLE 10
NORMAL
\$[-5.882]&\$[6.41429]&\$[9.02684]&\$[10.9611]&\$[-8.45654]&
TREATED
\$[4.04746]&\$[0.333556]&\$[1.22258]&\$[2.9103]&\$[-3.28851]&

EE19B076
alpha = 0.0418175
FWER = 0.239153
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[-4.35641]&\$[6.02354]&\$[-6.61039]&\$[4.96004]&\$[1.432]&
TREATED
\$[4.72108]&\$[3.38981]&\$[-6.21412]&\$[15.0159]&\$[10.8414]&
SAMPLE 2
NORMAL

\$[0.148006]&\$[0.778162]&\$[4.86181]&\$[-3.76574]&\$[-5.82971]&
TREATED
\$[-7.31726]&\$[0.668183]&\$[-0.0256739]&\$[-3.56177]&\$[-1.16994]&
SAMPLE 3
NORMAL
\$[8.09439]&\$[21.2328]&\$[2.30331]&\$[20.5917]&\$[14.6741]&
TREATED
\$[14.1207]&\$[2.68013]&\$[3.37906]&\$[14.4184]&\$[11.6267]&
SAMPLE 4
NORMAL
\$[1.3294]&\$[3.14312]&\$[20.1822]&\$[-7.02166]&\$[-9.60152]&
TREATED
\$[8.61509]&\$[30.6825]&\$[-1.42667]&\$[11.2197]&\$[-4.62024]&
SAMPLE 5
NORMAL
\$[2.59563]&\$[7.75996]&\$[2.64371]&\$[-1.3184]&\$[-1.16047]&
TREATED
\$[9.68728]&\$[-8.25956]&\$[6.14088]&\$[-0.971441]&\$[-11.7229]&
SAMPLE 6
NORMAL
\$[2.57827]&\$[6.34864]&\$[-15.3873]&\$[-2.56898]&\$[-1.97884]&
TREATED
\$[1.9855]&\$[1.60675]&\$[-3.0917]&\$[8.40581]&\$[-20.6513]&
SAMPLE 7
NORMAL
\$[0.177385]&\$[2.06125]&\$[-0.23767]&\$[2.61665]&\$[0.754812]&
TREATED
\$[-1.88091]&\$[12.1061]&\$[-0.645908]&\$[1.15259]&\$[-1.58074]&
SAMPLE 8
NORMAL
\$[4.58474]&\$[2.34967]&\$[0.52108]&\$[-0.427275]&\$[4.93557]&
TREATED
\$[-9.90089]&\$[-4.44499]&\$[-2.8875]&\$[1.44144]&\$[1.7949]&
SAMPLE 9
NORMAL
\$[1.67339]&\$[-0.134238]&\$[0.499677]&\$[-0.0115678]&\$[1.43293]&
TREATED
\$[10.1791]&\$[2.69268]&\$[15.4816]&\$[-9.55862]&\$[-1.02062]&
SAMPLE 10
NORMAL
\$[4.49209]&\$[9.51201]&\$[-2.57901]&\$[5.3686]&\$[5.22692]&
TREATED
\$[2.5613]&\$[8.96586]&\$[1.80446]&\$[3.47363]&\$[27.7328]&

EE19B079
alpha = 0.0450534
FWER = 0.223568
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[-2.16088]&\$[5.3938]&\$[12.4852]&\$[9.06172]&\$[-7.47623]&
TREATED
\$[1.80118]&\$[2.40413]&\$[5.68696]&\$[7.0735]&\$[-6.78733]&

SAMPLE 2
NORMAL
\$[6.1713]&\$[3.75977]&\$[27.2479]&\$[8.77626]&\$[11.1291]&
TREATED
\$[-10.5818]&\$[8.19664]&\$[-7.65117]&\$[7.82312]&\$[6.42976]&
SAMPLE 3
NORMAL
\$[-0.870528]&\$[12.466]&\$[-2.51077]&\$[-6.02092]&\$[5.49671]&
TREATED
\$[8.89485]&\$[3.70222]&\$[1.78667]&\$[5.91126]&\$[-5.54739]&
SAMPLE 4
NORMAL
\$[11.6367]&\$[-1.67459]&\$[8.85684]&\$[3.84174]&\$[-5.67979]&
TREATED
\$[-10.7634]&\$[2.26819]&\$[5.34238]&\$[5.81773]&\$[-4.24116]&
SAMPLE 5
NORMAL
\$[2.6304]&\$[2.22511]&\$[1.3498]&\$[0.116751]&\$[4.86055]&
TREATED
\$[1.9798]&\$[7.40388]&\$[3.54853]&\$[12.1956]&\$[-0.475875]&
SAMPLE 6
NORMAL
\$[4.60003]&\$[-5.1888]&\$[1.49997]&\$[2.22031]&\$[-4.03625]&
TREATED
\$[4.18563]&\$[4.57192]&\$[3.56719]&\$[-2.73849]&\$[1.71634]&
SAMPLE 7
NORMAL
\$[2.76043]&\$[3.95137]&\$[1.16178]&\$[-0.236046]&\$[-1.74183]&
TREATED
\$[-1.98109]&\$[-0.430099]&\$[-10.3147]&\$[-2.07938]&\$[6.51432]&
SAMPLE 8
NORMAL
\$[6.12393]&\$[9.44682]&\$[3.72824]&\$[5.49844]&\$[8.76697]&
TREATED
\$[7.94383]&\$[-10.7352]&\$[-2.2271]&\$[8.06277]&\$[2.70565]&
SAMPLE 9
NORMAL
\$[5.97504]&\$[15.8528]&\$[-10.8596]&\$[5.73847]&\$[17.0084]&
TREATED
\$[1.21815]&\$[0.452764]&\$[0.669179]&\$[-1.06939]&\$[5.47901]&
SAMPLE 10
NORMAL
\$[-9.55471]&\$[21.7882]&\$[-1.27401]&\$[-9.55841]&\$[6.55444]&
TREATED
\$[3.73564]&\$[-6.16648]&\$[0.633659]&\$[2.95973]&\$[12.8316]&

EE19B080
alpha = 0.043864
FWER = 0.3915
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[-4.57302]&\$[7.45229]&\$[4.3359]&\$[8.11291]&\$[0.495896]&

TREATED
\$[-3.77472]&\$[-3.28385]&\$[-1.61503]&\$[18.6395]&\$[2.82429]&
SAMPLE 2
NORMAL
\$[-2.66424]&\$[-11.3541]&\$[19.9969]&\$[6.71668]&\$[-5.66007]&
TREATED
\$[2.30197]&\$[8.83207]&\$[4.9001]&\$[-10.828]&\$[-0.874833]&
SAMPLE 3
NORMAL
\$[6.62947]&\$[2.16332]&\$[1.95531]&\$[2.43237]&\$[1.56952]&
TREATED
\$[0.200825]&\$[7.12495]&\$[7.79058]&\$[6.62593]&\$[14.9326]&
SAMPLE 4
NORMAL
\$[-1.06607]&\$[26.4916]&\$[12.5128]&\$[7.81484]&\$[2.5149]&
TREATED
\$[10.5664]&\$[2.389]&\$[-10.7774]&\$[12.5113]&\$[4.01365]&
SAMPLE 5
NORMAL
\$[-0.397503]&\$[0.575889]&\$[-1.86305]&\$[6.94388]&\$[6.23674]&
TREATED
\$[0.31906]&\$[6.43277]&\$[-2.52839]&\$[-2.73224]&\$[0.86376]&
SAMPLE 6
NORMAL
\$[8.1262]&\$[19.617]&\$[-6.17093]&\$[6.06066]&\$[11.0487]&
TREATED
\$[1.31879]&\$[0.546903]&\$[-2.6586]&\$[1.55566]&\$[5.53228]&
SAMPLE 7
NORMAL
\$[8.10245]&\$[-2.70404]&\$[-1.07219]&\$[-6.73344]&\$[12.3268]&
TREATED
\$[14.4225]&\$[0.645464]&\$[0.276402]&\$[-7.87395]&\$[2.35759]&
SAMPLE 8
NORMAL
\$[8.32759]&\$[8.80437]&\$[-0.287857]&\$[2.13648]&\$[2.41935]&
TREATED
\$[-5.9607]&\$[16.3276]&\$[1.88274]&\$[12.62]&\$[3.544]&
SAMPLE 9
NORMAL
\$[4.80049]&\$[-5.81967]&\$[-1.19591]&\$[9.28172]&\$[8.94776]&
TREATED
\$[7.40115]&\$[10.8867]&\$[5.30538]&\$[3.82363]&\$[8.97468]&
SAMPLE 10
NORMAL
\$[10.5829]&\$[-0.0161095]&\$[-3.72651]&\$[0.191073]&\$[14.7732]&
TREATED
\$[6.58687]&\$[-1.90796]&\$[5.48434]&\$[1.54513]&\$[-2.55183]&

EE19B091
alpha = 0.0475691
FWER = 0.266524
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1

NORMAL
\$[-6.07831]&\$[-0.680914]&\$[6.14443]&\$[1.07332]&\$[-2.53263]&
TREATED
\$[2.1389]&\$[-1.62361]&\$[8.25754]&\$[-0.638695]&\$[-1.27618]&
SAMPLE 2
NORMAL
\$[4.54257]&\$[-1.41649]&\$[5.43713]&\$[1.80794]&\$[8.2451]&
TREATED
\$[11.6633]&\$[4.86057]&\$[-0.596937]&\$[3.44733]&\$[-1.88728]&
SAMPLE 3
NORMAL
\$[12.68]&\$[9.74896]&\$[0.711178]&\$[1.86248]&\$[1.11087]&
TREATED
\$[6.48778]&\$[5.15274]&\$[2.66119]&\$[2.94885]&\$[5.21675]&
SAMPLE 4
NORMAL
\$[10.2875]&\$[8.86498]&\$[3.71712]&\$[9.08328]&\$[20.2942]&
TREATED
\$[13.2087]&\$[0.930616]&\$[11.9609]&\$[12.7831]&\$[-11.0763]&
SAMPLE 5
NORMAL
\$[4.92571]&\$[-4.53538]&\$[-7.87924]&\$[-3.19275]&\$[-7.44577]&
TREATED
\$[14.2451]&\$[1.6797]&\$[17.304]&\$[1.94871]&\$[5.81289]&
SAMPLE 6
NORMAL
\$[3.69547]&\$[-4.93043]&\$[6.73431]&\$[1.65167]&\$[5.34542]&
TREATED
\$[0.0307867]&\$[11.358]&\$[-7.10415]&\$[-7.00562]&\$[7.68977]&
SAMPLE 7
NORMAL
\$[-10.4955]&\$[-0.230653]&\$[8.33386]&\$[-4.09582]&\$[-10.1744]&
TREATED
\$[-2.63516]&\$[9.60174]&\$[-1.37838]&\$[-6.8994]&\$[0.534402]&
SAMPLE 8
NORMAL
\$[2.06063]&\$[5.45419]&\$[-6.52829]&\$[-0.0583833]&\$[12.1361]&
TREATED
\$[16.5992]&\$[7.92094]&\$[12.1468]&\$[0.508063]&\$[-14.8079]&
SAMPLE 9
NORMAL
\$[-0.12159]&\$[6.14347]&\$[-5.68446]&\$[3.7939]&\$[10.9236]&
TREATED
\$[-4.63731]&\$[3.77979]&\$[-1.90638]&\$[-1.60323]&\$[0.258771]&
SAMPLE 10
NORMAL
\$[-0.852369]&\$[-8.42743]&\$[0.614039]&\$[11.7379]&\$[4.03493]&
TREATED
\$[-6.15952]&\$[-0.441917]&\$[-4.53202]&\$[-3.25688]&\$[8.55357]&

EE19B093

alpha = 0.0485582

FWER = 0.234851

SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1

NORMAL

\$[7.47974]&,\$[16.4]&,\$[4.45379]&,\$[5.52878]&,\$[10.4921]&

TREATED

\$[-2.5036]&,\$[-3.5614]&,\$[1.81439]&,\$[4.15361]&,\$[0.717036]&

SAMPLE 2

NORMAL

\$[3.62625]&,\$[14.0466]&,\$[-5.70404]&,\$[-4.03926]&,\$[8.7864]&

TREATED

\$[-0.323056]&,\$[-0.754114]&,\$[-6.47702]&,\$[3.44873]&,\$[-9.62279]&

SAMPLE 3

NORMAL

\$[-4.1082]&,\$[-5.77906]&,\$[0.100949]&,\$[-4.68567]&,\$[8.88887]&

TREATED

\$[7.12756]&,\$[6.06022]&,\$[7.29343]&,\$[-4.42103]&,\$[4.46294]&

SAMPLE 4

NORMAL

\$[30.7634]&,\$[-10.9532]&,\$[5.09792]&,\$[14.3271]&,\$[-17.701]&

TREATED

\$[22.4338]&,\$[9.48935]&,\$[15.7832]&,\$[-10.8389]&,\$[-10.0778]&

SAMPLE 5

NORMAL

\$[2.33994]&,\$[1.28576]&,\$[4.4518]&,\$[3.49952]&,\$[-6.27189]&

TREATED

\$[-4.15423]&,\$[-5.55134]&,\$[13.0666]&,\$[17.5405]&,\$[0.914021]&

SAMPLE 6

NORMAL

\$[-12.1672]&,\$[-1.54141]&,\$[8.19522]&,\$[6.7812]&,\$[-1.62746]&

TREATED

\$[-19.4083]&,\$[-19.4241]&,\$[-3.93881]&,\$[1.43519]&,\$[2.03391]&

SAMPLE 7

NORMAL

\$[-11.2796]&,\$[-7.10475]&,\$[0.513898]&,\$[19.2096]&,\$[9.32016]&

TREATED

\$[-4.20814]&,\$[-6.31064]&,\$[13.9493]&,\$[11.4319]&,\$[19.4963]&

SAMPLE 8

NORMAL

\$[1.7758]&,\$[-4.02286]&,\$[-7.21924]&,\$[6.92464]&,\$[1.0836]&

TREATED

\$[3.90611]&,\$[3.30936]&,\$[4.88638]&,\$[6.38317]&,\$[1.56495]&

SAMPLE 9

NORMAL

\$[18.5542]&,\$[-6.66579]&,\$[0.298466]&,\$[-9.42796]&,\$[-11.7923]&

TREATED

\$[0.353663]&,\$[2.2946]&,\$[2.47644]&,\$[-1.37317]&,\$[4.99022]&

SAMPLE 10

NORMAL

\$[-2.28227]&,\$[2.67441]&,\$[-2.08033]&,\$[4.31175]&,\$[17.4867]&

TREATED

\$[-9.40077]&,\$[-12.6175]&,\$[2.77806]&,\$[16.1321]&,\$[15.6741]&

EE19B095

alpha = 0.0365931
FWER = 0.317425
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[3.07401]&\$[-10.4032]&\$[-3.22481]&\$[-11.5167]&\$[-13.1651]&
TREATED
\$[-6.60136]&\$[-0.0553896]&\$[0.0532616]&\$[6.63517]&\$[11.2767]&
SAMPLE 2
NORMAL
\$[13.7414]&\$[-3.55417]&\$[-3.2633]&\$[7.62816]&\$[5.18922]&
TREATED
\$[11.9089]&\$[1.47235]&\$[15.4598]&\$[-3.97877]&\$[5.81098]&
SAMPLE 3
NORMAL
\$[-1.77467]&\$[4.10953]&\$[0.213183]&\$[7.18995]&\$[9.85414]&
TREATED
\$[4.4715]&\$[0.735443]&\$[1.09483]&\$[-1.90126]&\$[7.04634]&
SAMPLE 4
NORMAL
\$[16.1374]&\$[-1.21082]&\$[-2.87651]&\$[7.35132]&\$[-4.94717]&
TREATED
\$[4.59945]&\$[7.76125]&\$[1.04608]&\$[5.17178]&\$[-1.62993]&
SAMPLE 5
NORMAL
\$[-12.2726]&\$[15.8363]&\$[-8.21786]&\$[3.27611]&\$[7.01531]&
TREATED
\$[-0.00856935]&\$[-3.44666]&\$[3.73563]&\$[6.68209]&\$[-10.9642]&
SAMPLE 6
NORMAL
\$[13.8754]&\$[9.66309]&\$[6.03894]&\$[2.27749]&\$[1.18643]&
TREATED
\$[-4.22826]&\$[8.29218]&\$[11.7064]&\$[2.99101]&\$[-6.52833]&
SAMPLE 7
NORMAL
\$[-6.73781]&\$[-2.21562]&\$[-3.49669]&\$[7.55352]&\$[6.27729]&
TREATED
\$[0.579893]&\$[7.59427]&\$[-5.97592]&\$[5.053]&\$[-3.04901]&
SAMPLE 8
NORMAL
\$[8.23688]&\$[1.66793]&\$[12.7113]&\$[6.30525]&\$[9.17775]&
TREATED
\$[-3.15153]&\$[2.17425]&\$[-1.38324]&\$[3.65575]&\$[-1.62686]&
SAMPLE 9
NORMAL
\$[-9.1186]&\$[3.97123]&\$[2.90567]&\$[2.34125]&\$[7.47453]&
TREATED
\$[0.537997]&\$[-3.33411]&\$[2.94167]&\$[2.48559]&\$[3.86527]&
SAMPLE 10
NORMAL
\$[5.31914]&\$[-3.66927]&\$[10.0039]&\$[9.44598]&\$[-3.14441]&
TREATED
\$[2.40643]&\$[-4.27518]&\$[10.6751]&\$[19.5065]&\$[-27.5598]&

EE19B113

alpha = 0.0385811

FWER = 0.290561

SAMPLE FOR TTEST : SAMPLE no. 1

SAMPLE 1

NORMAL

\$[-4.87263]&\$[-4.64799]&\$[-4.71853]&\$[2.21867]&\$[0.921712]&

TREATED

\$[9.23665]&\$[5.59241]&\$[8.96618]&\$[-3.7537]&\$[5.47723]&

SAMPLE 2

NORMAL

\$[6.3339]&\$[6.18985]&\$[0.743891]&\$[3.99338]&\$[6.72782]&

TREATED

\$[8.32688]&\$[6.4651]&\$[4.15758]&\$[8.67118]&\$[-3.46727]&

SAMPLE 3

NORMAL

\$[-4.04653]&\$[-3.18846]&\$[-0.937783]&\$[0.501964]&\$[-1.08586]&

TREATED

\$[-2.75976]&\$[1.77258]&\$[9.69956]&\$[-6.83578]&\$[-2.85363]&

SAMPLE 4

NORMAL

\$[3.23339]&\$[-0.54711]&\$[-4.03192]&\$[-17.0194]&\$[1.51101]&

TREATED

\$[8.15184]&\$[8.79568]&\$[4.1515]&\$[-1.29264]&\$[10.6775]&

SAMPLE 5

NORMAL

\$[10.1432]&\$[10.4249]&\$[-8.5067]&\$[-8.64056]&\$[7.02582]&

TREATED

\$[-7.97886]&\$[-9.34996]&\$[1.21062]&\$[9.33079]&\$[3.67173]&

SAMPLE 6

NORMAL

\$[5.41857]&\$[2.75441]&\$[6.16823]&\$[-0.901462]&\$[9.96598]&

TREATED

\$[2.03649]&\$[-1.09392]&\$[4.72718]&\$[11.8318]&\$[5.78032]&

SAMPLE 7

NORMAL

\$[0.819001]&\$[-2.94456]&\$[3.51599]&\$[1.46208]&\$[1.95098]&

TREATED

\$[1.46847]&\$[2.52043]&\$[8.5856]&\$[1.91584]&\$[-8.87806]&

SAMPLE 8

NORMAL

\$[5.64522]&\$[-8.41932]&\$[0.991119]&\$[-6.54054]&\$[16.8045]&

TREATED

\$[-4.22817]&\$[9.11157]&\$[1.31889]&\$[12.8965]&\$[-3.89723]&

SAMPLE 9

NORMAL

\$[9.69976]&\$[3.6068]&\$[-9.48087]&\$[1.59055]&\$[-0.652516]&

TREATED

\$[2.14899]&\$[0.875494]&\$[-2.27732]&\$[5.38285]&\$[-2.02659]&

SAMPLE 10

NORMAL

\$[-1.73772]&\$[-7.2463]&\$[-2.35502]&\$[0.785799]&\$[-9.22799]&

TREATED

[\$16.1426]&,\$[-14.1463]&,\$[2.09603]&,\$[6.81394]&,\$[-3.59397]&

EE19B115

alpha = 0.0364729

FWER = 0.264918

SAMPLE FOR TTEST : SAMPLE no. 7

SAMPLE 1

NORMAL

\$[-9.05773]&,\$[-0.212861]&,\$[2.52898]&,\$[3.67922]&,\$[0.391016]&

TREATED

\$[3.99995]&,\$[1.97447]&,\$[1.22729]&,\$[9.00498]&,\$[-3.07417]&

SAMPLE 2

NORMAL

\$[11.3064]&,\$[-2.31504]&,\$[-8.03345]&,\$[-4.64787]&,\$[3.3093]&

TREATED

\$[2.27854]&,\$[2.11381]&,\$[-2.16088]&,\$[0.846067]&,\$[0.184674]&

SAMPLE 3

NORMAL

\$[0.989253]&,\$[5.13604]&,\$[0.203941]&,\$[-0.134576]&,\$[-0.357626]&

TREATED

\$[5.59098]&,\$[-5.43864]&,\$[-0.807878]&,\$[-5.51602]&,\$[2.27266]&

SAMPLE 4

NORMAL

\$[2.8756]&,\$[11.1117]&,\$[-0.905696]&,\$[13.7347]&,\$[6.09039]&

TREATED

\$[2.52039]&,\$[-0.951621]&,\$[13.1719]&,\$[-3.82229]&,\$[1.06303]&

SAMPLE 5

NORMAL

\$[1.09003]&,\$[-1.0732]&,\$[-2.10893]&,\$[-6.91362]&,\$[-0.924573]&

TREATED

\$[-9.85112]&,\$[-9.11416]&,\$[0.834113]&,\$[-7.45707]&,\$[0.316318]&

SAMPLE 6

NORMAL

\$[-4.25351]&,\$[-6.08592]&,\$[-2.06421]&,\$[6.75068]&,\$[-0.0508407]&

TREATED

\$[-3.95877]&,\$[-5.82232]&,\$[0.952416]&,\$[12.2575]&,\$[16.6239]&

SAMPLE 7

NORMAL

\$[8.14065]&,\$[15.9113]&,\$[13.845]&,\$[-1.40349]&,\$[-4.38364]&

TREATED

\$[-1.65955]&,\$[-5.70234]&,\$[11.9313]&,\$[-1.6909]&,\$[1.75502]&

SAMPLE 8

NORMAL

\$[1.1661]&,\$[18.4083]&,\$[4.30603]&,\$[-2.10104]&,\$[-0.13379]&

TREATED

\$[-10.993]&,\$[13.2769]&,\$[-3.55278]&,\$[-5.06714]&,\$[-5.19379]&

SAMPLE 9

NORMAL

\$[-9.94865]&,\$[2.48825]&,\$[4.56198]&,\$[13.4808]&,\$[-7.36942]&

TREATED

\$[0.163487]&,\$[-6.01535]&,\$[2.25496]&,\$[-1.53408]&,\$[2.10327]&

SAMPLE 10

NORMAL

\$[4.76613]&\$[7.66589]&\$[-1.04729]&\$[4.29454]&\$[0.274078]&
TREATED
\$[16.0439]&\$[8.54358]&\$[2.23276]&\$[-13.0737]&\$[-1.09722]&

EE19B119

alpha = 0.0341221

FWER = 0.227561

SAMPLE FOR TTEST : SAMPLE no. 6

SAMPLE 1

NORMAL

\$[0.652024]&\$[-1.03579]&\$[2.28916]&\$[2.90282]&\$[-1.6093]&
TREATED

\$[-0.299359]&\$[2.46421]&\$[0.630239]&\$[1.06953]&\$[3.69899]&
SAMPLE 2

NORMAL

\$[14.0391]&\$[6.88378]&\$[5.30926]&\$[4.45295]&\$[-0.21064]&
TREATED

\$[0.972276]&\$[3.19696]&\$[8.28516]&\$[-4.66069]&\$[9.87923]&
SAMPLE 3

NORMAL

\$[3.72325]&\$[21.1059]&\$[0.735356]&\$[-2.20789]&\$[21.9442]&
TREATED

\$[6.73735]&\$[12.6704]&\$[17.5283]&\$[3.5591]&\$[8.76821]&
SAMPLE 4

NORMAL

\$[0.255175]&\$[5.90224]&\$[3.14194]&\$[-3.07007]&\$[-0.0500863]&
TREATED

\$[7.27462]&\$[6.1785]&\$[4.81827]&\$[-0.97188]&\$[-1.59442]&
SAMPLE 5

NORMAL

\$[15.6611]&\$[5.72064]&\$[15.3997]&\$[-2.42861]&\$[-2.09131]&
TREATED

\$[5.77423]&\$[11.8938]&\$[1.99078]&\$[-0.876786]&\$[-7.0162]&
SAMPLE 6

NORMAL

\$[4.87195]&\$[-1.14452]&\$[3.07086]&\$[4.67126]&\$[4.40798]&
TREATED

\$[-5.08149]&\$[5.23595]&\$[0.806494]&\$[21.9144]&\$[4.17833]&
SAMPLE 7

NORMAL

\$[1.52746]&\$[9.64083]&\$[-0.774465]&\$[-6.11207]&\$[-1.55488]&
TREATED

\$[5.14073]&\$[4.21039]&\$[3.10194]&\$[-2.76425]&\$[9.24479]&
SAMPLE 8

NORMAL

\$[7.77371]&\$[-4.28681]&\$[6.26041]&\$[8.95416]&\$[5.89543]&
TREATED

\$[6.53314]&\$[-8.8194]&\$[4.43408]&\$[2.41218]&\$[4.04308]&
SAMPLE 9

NORMAL

\$[0.433329]&\$[-6.2432]&\$[-3.26733]&\$[-5.32146]&\$[-4.60067]&
TREATED

\$[14.7804]&\$[-4.40519]&\$[2.27169]&\$[-1.3737]&\$[11.4074]&

SAMPLE 10

NORMAL

\$[8.42453]&\$[-3.48013]&\$[7.74204]&\$[-1.4635]&\$[12.1536]&
TREATED
\$[4.47345]&\$[0.970638]&\$[3.36471]&\$[-3.43856]&\$[-5.40932]&

EE19B120

alpha = 0.0205905

FWER = 0.349452

SAMPLE FOR TTEST : SAMPLE no. 2

SAMPLE 1

NORMAL

\$[-6.29877]&\$[5.29285]&\$[7.37632]&\$[2.52182]&\$[2.84282]&
TREATED

\$[7.27282]&\$[-1.68105]&\$[11.9556]&\$[3.29671]&\$[-1.54149]&
SAMPLE 2

NORMAL

\$[7.99885]&\$[-5.12807]&\$[-5.27355]&\$[-9.67294]&\$[6.25357]&
TREATED

\$[-0.50422]&\$[8.14281]&\$[-12.8092]&\$[13.5747]&\$[4.58584]&
SAMPLE 3

NORMAL

\$[11.257]&\$[14.7234]&\$[-6.80654]&\$[-8.83614]&\$[8.90347]&
TREATED

\$[-1.4691]&\$[-9.25772]&\$[16.1584]&\$[6.42711]&\$[1.24356]&
SAMPLE 4

NORMAL

\$[-0.628896]&\$[0.205016]&\$[18.5998]&\$[2.92243]&\$[-4.17803]&
TREATED

\$[4.92126]&\$[4.93951]&\$[2.18633]&\$[-3.13487]&\$[-1.94687]&
SAMPLE 5

NORMAL

\$[4.53796]&\$[5.95079]&\$[-7.72193]&\$[-2.56037]&\$[1.69002]&
TREATED

\$[1.60211]&\$[4.08732]&\$[-0.202219]&\$[9.69092]&\$[0.389642]&
SAMPLE 6

NORMAL

\$[3.92442]&\$[1.5917]&\$[3.97421]&\$[8.73824]&\$[-1.41363]&
TREATED

\$[-2.13351]&\$[1.41678]&\$[3.85991]&\$[3.66757]&\$[3.58646]&
SAMPLE 7

NORMAL

\$[-5.21279]&\$[17.5169]&\$[4.98692]&\$[-1.84453]&\$[9.04835]&
TREATED

\$[2.99008]&\$[2.86592]&\$[-0.533935]&\$[0.509162]&\$[1.14399]&
SAMPLE 8

NORMAL

\$[3.90837]&\$[11.8266]&\$[-3.29298]&\$[-4.06107]&\$[5.81092]&
TREATED

\$[0.8417]&\$[-9.46946]&\$[-6.76142]&\$[9.01103]&\$[10.5613]&
SAMPLE 9

NORMAL

\$[2.77609]&\$[2.57389]&\$[18.5702]&\$[0.725052]&\$[3.18278]&

TREATED
\$[8.02161]&\$[5.90367]&\$[9.49196]&\$[8.28556]&\$[3.4761]&
SAMPLE 10
NORMAL
\$[3.49799]&\$[6.0647]&\$[2.54251]&\$[2.5656]&\$[4.02497]&
TREATED
\$[3.65001]&\$[2.49101]&\$[10.2813]&\$[8.51828]&\$[7.38277]&

EE19B122
alpha = 0.00469729
FWER = 0.337793
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[-6.89323]&\$[-3.68749]&\$[18.0307]&\$[9.0717]&\$[-20.4591]&
TREATED
\$[5.64505]&\$[5.08782]&\$[9.89246]&\$[4.12005]&\$[-2.53952]&
SAMPLE 2
NORMAL
\$[-1.59705]&\$[11.2564]&\$[6.23625]&\$[2.10063]&\$[10.9291]&
TREATED
\$[7.51105]&\$[8.42608]&\$[3.90916]&\$[1.74431]&\$[-3.95617]&
SAMPLE 3
NORMAL
\$[0.30355]&\$[3.68307]&\$[0.674705]&\$[3.61253]&\$[4.2023]&
TREATED
\$[-10.9972]&\$[-9.4079]&\$[2.18173]&\$[26.2753]&\$[8.42912]&
SAMPLE 4
NORMAL
\$[9.32134]&\$[2.51553]&\$[-0.756371]&\$[-0.921712]&\$[0.39083]&
TREATED
\$[-19.867]&\$[16.819]&\$[6.95654]&\$[2.12652]&\$[4.21348]&
SAMPLE 5
NORMAL
\$[1.26173]&\$[2.70898]&\$[10.1848]&\$[-0.346869]&\$[6.02419]&
TREATED
\$[1.25055]&\$[0.874786]&\$[-0.328514]&\$[-8.51063]&\$[1.52119]&
SAMPLE 6
NORMAL
\$[-0.521174]&\$[-2.18126]&\$[10.5442]&\$[1.39838]&\$[-8.51873]&
TREATED
\$[-1.40107]&\$[-0.148154]&\$[-2.58206]&\$[1.66534]&\$[5.46418]&
SAMPLE 7
NORMAL
\$[3.13635]&\$[-1.81901]&\$[15.7798]&\$[-9.10885]&\$[-1.26041]&
TREATED
\$[11.6054]&\$[15.4392]&\$[2.95653]&\$[16.9529]&\$[-9.52943]&
SAMPLE 8
NORMAL
\$[14.8399]&\$[3.28757]&\$[0.298815]&\$[10.5988]&\$[9.636]&
TREATED
\$[-2.60089]&\$[-1.30441]&\$[1.94156]&\$[3.13642]&\$[4.55232]&
SAMPLE 9

NORMAL
\$[2.44881]&\$[-1.89281]&\$[4.31647]&\$[4.70825]&\$[2.9665]&
TREATED
\$[13.2741]&\$[1.13425]&\$[7.48898]&\$[4.62682]&\$[-1.99613]&
SAMPLE 10
NORMAL
\$[2.00904]&\$[10.7385]&\$[6.84352]&\$[6.8827]&\$[5.49488]&
TREATED
\$[5.45076]&\$[-4.65908]&\$[0.753055]&\$[3.60133]&\$[5.76055]&

EE19B125
alpha = 0.0301564
FWER = 0.250753
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[-0.00996514]&\$[-4.3915]&\$[5.5395]&\$[-10.2042]&\$[-5.92003]&
TREATED
\$[-6.40009]&\$[-1.01199]&\$[-9.91609]&\$[2.07117]&\$[6.79536]&
SAMPLE 2
NORMAL
\$[13.7055]&\$[-7.7939]&\$[7.1102]&\$[11.031]&\$[-3.06171]&
TREATED
\$[3.79212]&\$[9.52173]&\$[7.61591]&\$[-0.680205]&\$[-2.5643]&
SAMPLE 3
NORMAL
\$[18.744]&\$[-5.95735]&\$[-5.90608]&\$[0.167757]&\$[8.05172]&
TREATED
\$[-3.72931]&\$[-6.65095]&\$[-0.832395]&\$[-0.460282]&\$[-6.55542]&
SAMPLE 4
NORMAL
\$[10.1843]&\$[-4.96843]&\$[4.08674]&\$[-1.43509]&\$[0.172895]&
TREATED
\$[-11.4915]&\$[-6.81941]&\$[6.59175]&\$[-2.12841]&\$[-6.03929]&
SAMPLE 5
NORMAL
\$[24.6806]&\$[21.461]&\$[-12.6868]&\$[2.73198]&\$[-16.7452]&
TREATED
\$[4.34624]&\$[5.88275]&\$[6.18215]&\$[2.43909]&\$[8.60948]&
SAMPLE 6
NORMAL
\$[-3.62012]&\$[5.99419]&\$[8.35344]&\$[3.2967]&\$[2.58456]&
TREATED
\$[-3.901]&\$[6.24015]&\$[-3.9361]&\$[-5.10537]&\$[-4.49492]&
SAMPLE 7
NORMAL
\$[1.61368]&\$[-0.37118]&\$[-2.17022]&\$[6.17939]&\$[6.77882]&
TREATED
\$[0.378707]&\$[2.73618]&\$[-1.22079]&\$[3.84149]&\$[-3.76845]&
SAMPLE 8
NORMAL
\$[15.4432]&\$[7.77948]&\$[-6.40346]&\$[4.47463]&\$[5.74527]&
TREATED

\$[8.99285]&\$[6.346]&\$[9.40685]&\$[-5.14738]&\$[9.82637]&
SAMPLE 9
NORMAL
\$[5.40545]&\$[-3.77213]&\$[1.91501]&\$[8.27676]&\$[-18.7504]&
TREATED
\$[17.2897]&\$[1.92393]&\$[-12.3006]&\$[11.1825]&\$[8.47549]&
SAMPLE 10
NORMAL
\$[-2.64854]&\$[14.2468]&\$[5.51804]&\$[10.1181]&\$[8.2095]&
TREATED
\$[6.02424]&\$[12.8484]&\$[2.38021]&\$[-2.01312]&\$[-5.59891]&

EE19B126
alpha = 0.0260632
FWER = 0.256149

SAMPLE FOR TTEST : SAMPLE no. 6

SAMPLE 1

NORMAL

\$[0.203024]&\$[15.0512]&\$[-14.3743]&\$[2.59198]&\$[2.22973]&
TREATED
\$[-1.73168]&\$[4.68479]&\$[0.802461]&\$[1.77343]&\$[-1.24355]&

SAMPLE 2

NORMAL

\$[2.57051]&\$[-6.644]&\$[-0.842426]&\$[-12.2464]&\$[-1.23176]&
TREATED

\$[6.37192]&\$[5.21143]&\$[-7.47698]&\$[-11.9889]&\$[5.48708]&
SAMPLE 3

NORMAL

\$[0.573202]&\$[1.56526]&\$[2.36552]&\$[4.3676]&\$[-4.50991]&
TREATED

\$[14.2604]&\$[6.66014]&\$[0.0416782]&\$[1.0727]&\$[3.02394]&
SAMPLE 4

NORMAL

\$[-8.65987]&\$[-4.88559]&\$[0.337816]&\$[1.92605]&\$[18.9365]&
TREATED

\$[9.67438]&\$[-1.74375]&\$[12.5119]&\$[-2.03643]&\$[5.98763]&
SAMPLE 5

NORMAL

\$[0.497269]&\$[14.4129]&\$[-16.2851]&\$[-1.0338]&\$[6.68676]&
TREATED

\$[-3.26317]&\$[-3.12921]&\$[-9.90324]&\$[14.1303]&\$[-10.4372]&
SAMPLE 6

NORMAL

\$[8.60653]&\$[17.5446]&\$[-7.57974]&\$[8.30217]&\$[2.20559]&
TREATED

\$[-5.19998]&\$[-0.482636]&\$[11.7655]&\$[-12.2151]&\$[14.8553]&
SAMPLE 7

NORMAL

\$[-10.8456]&\$[9.23051]&\$[-9.65404]&\$[13.7935]&\$[5.18904]&
TREATED

\$[0.127074]&\$[0.792166]&\$[-11.7247]&\$[-1.53052]&\$[6.06026]&
SAMPLE 8

NORMAL

\$[5.69053]&\$[6.25618]&\$[5.44591]&\$[-3.10656]&\$[-0.738337]&
TREATED
\$[1.96149]&\$[0.307535]&\$[1.32429]&\$[2.52019]&\$[-0.775143]&
SAMPLE 9
NORMAL
\$[-0.759585]&\$[-0.738965]&\$[0.739534]&\$[5.23858]&\$[13.9516]&
TREATED
\$[-2.4704]&\$[3.82795]&\$[-0.00266788]&\$[2.51555]&\$[3.82138]&
SAMPLE 10
NORMAL
\$[8.17761]&\$[22.8976]&\$[1.47735]&\$[10.6396]&\$[-6.15116]&
TREATED
\$[1.42045]&\$[0.0414326]&\$[7.77187]&\$[5.80954]&\$[-2.97457]&

EP18B003
alpha = 0.0168076
FWER = 0.335524

SAMPLE FOR TTEST : SAMPLE no. 7

SAMPLE 1

NORMAL

\$[1.54223]&\$[11.578]&\$[13.7788]&\$[-5.88204]&\$[1.42152]&
TREATED

\$[2.81679]&\$[2.79076]&\$[7.18533]&\$[4.03989]&\$[4.80064]&
SAMPLE 2

NORMAL

\$[1.93062]&\$[3.00857]&\$[1.52458]&\$[3.00991]&\$[-0.409294]&
TREATED

\$[-10.8782]&\$[-0.787316]&\$[-2.49207]&\$[3.2728]&\$[0.235154]&
SAMPLE 3

NORMAL

\$[-3.38883]&\$[1.3623]&\$[-4.6799]&\$[4.37653]&\$[-7.12772]&
TREATED

\$[1.68784]&\$[2.41491]&\$[-0.787443]&\$[3.4346]&\$[3.36143]&
SAMPLE 4

NORMAL

\$[4.18364]&\$[1.04045]&\$[-4.06967]&\$[3.19128]&\$[-3.02438]&
TREATED

\$[-2.38831]&\$[2.04476]&\$[-2.43102]&\$[22.5663]&\$[0.947144]&
SAMPLE 5

NORMAL

\$[-1.14738]&\$[1.80324]&\$[-6.9616]&\$[1.50712]&\$[12.8465]&
TREATED

\$[2.6937]&\$[-2.34847]&\$[7.00884]&\$[-2.75231]&\$[-7.35882]&
SAMPLE 6

NORMAL

\$[5.5185]&\$[-0.221561]&\$[1.55932]&\$[6.49149]&\$[5.46967]&
TREATED

\$[3.15112]&\$[6.436]&\$[0.632481]&\$[10.4342]&\$[9.87372]&
SAMPLE 7

NORMAL

\$[3.05965]&\$[-1.27584]&\$[4.59556]&\$[9.28733]&\$[0.204812]&
TREATED

\$[-7.37196]&\$[4.32824]&\$[-1.16685]&\$[6.97216]&\$[-3.67747]&

SAMPLE 8

NORMAL

\$[2.98348]&,\$[10.3513]&,\$[6.7012]&,\$[25.0602]&,\$[2.17156]&

TREATED

\$[-11.3924]&,\$[1.21818]&,\$[4.57432]&,\$[6.04032]&,\$[-0.391529]&

SAMPLE 9

NORMAL

\$[2.57827]&,\$[4.1516]&,\$[1.03567]&,\$[1.60035]&,\$[3.44818]&

TREATED

\$[-4.35926]&,\$[6.90877]&,\$[0.723533]&,\$[-6.39063]&,\$[6.81236]&

SAMPLE 10

NORMAL

\$[-5.56779]&,\$[3.57776]&,\$[13.3496]&,\$[5.54346]&,\$[4.81241]&

TREATED

\$[1.37903]&,\$[-9.07281]&,\$[-2.05596]&,\$[11.9603]&,\$[22.293]&

EP18B013

alpha = 0.0181491

FWER = 0.280172

SAMPLE FOR TTEST : SAMPLE no. 1

SAMPLE 1

NORMAL

\$[24.7207]&,\$[3.74398]&,\$[-17.5434]&,\$[-15.6977]&,\$[6.3892]&

TREATED

\$[5.58261]&,\$[1.74769]&,\$[4.33139]&,\$[4.00316]&,\$[3.05133]&

SAMPLE 2

NORMAL

\$[-18.0326]&,\$[0.27111]&,\$[-5.20125]&,\$[12.1464]&,\$[16.8786]&

TREATED

\$[5.6063]&,\$[1.44738]&,\$[-1.68254]&,\$[-0.531765]&,\$[-0.130138]&

SAMPLE 3

NORMAL

\$[6.41029]&,\$[-2.76817]&,\$[-3.61191]&,\$[11.8787]&,\$[-2.78554]&

TREATED

\$[-4.18451]&,\$[-11.2421]&,\$[-0.286947]&,\$[5.54467]&,\$[13.2503]&

SAMPLE 4

NORMAL

\$[-7.34942]&,\$[7.68084]&,\$[3.0372]&,\$[4.3391]&,\$[-1.9049]&

TREATED

\$[0.599919]&,\$[2.58023]&,\$[4.82167]&,\$[1.18035]&,\$[5.86551]&

SAMPLE 5

NORMAL

\$[5.00871]&,\$[1.65703]&,\$[14.7029]&,\$[4.91154]&,\$[9.86605]&

TREATED

\$[10.7404]&,\$[-0.653367]&,\$[10.173]&,\$[-2.37201]&,\$[-2.95379]&

SAMPLE 6

NORMAL

\$[-2.61686]&,\$[3.8205]&,\$[-7.1183]&,\$[12.1515]&,\$[-0.614188]&

TREATED

\$[1.91251]&,\$[7.26904]&,\$[19.3369]&,\$[-9.10582]&,\$[8.46498]&

SAMPLE 7

NORMAL

\$[-4.74341]&,\$[6.11793]&,\$[1.71454]&,\$[9.51478]&,\$[6.77781]&

TREATED
\$[-2.46679]&\$[7.00788]&\$[6.79841]&\$[5.76927]&\$[9.14844]&
SAMPLE 8
NORMAL
\$[3.76019]&\$[3.88355]&\$[2.14679]&\$[3.45305]&\$[2.3122]&
TREATED
\$[2.60762]&\$[4.15041]&\$[3.63324]&\$[3.87996]&\$[1.79563]&
SAMPLE 9
NORMAL
\$[18.1974]&\$[7.20147]&\$[-9.96273]&\$[-5.72537]&\$[-0.536417]&
TREATED
\$[-15.4399]&\$[-5.14843]&\$[-4.02476]&\$[10.244]&\$[8.50307]&
SAMPLE 10
NORMAL
\$[2.63443]&\$[-5.71321]&\$[0.0429952]&\$[-1.48593]&\$[-1.84465]&
TREATED
\$[11.0727]&\$[-0.087111]&\$[-4.39213]&\$[-1.13719]&\$[2.33014]&

EP18B015
alpha = 0.038187
FWER = 0.3299
SAMPLE FOR TTEST : SAMPLE no. 6
SAMPLE 1
NORMAL
\$[-4.13338]&\$[8.20752]&\$[12.355]&\$[4.49101]&\$[5.42525]&
TREATED
\$[0.947906]&\$[13.3505]&\$[3.75442]&\$[4.9637]&\$[9.18328]&
SAMPLE 2
NORMAL
\$[18.2502]&\$[-0.498102]&\$[15.7081]&\$[2.36065]&\$[8.61885]&
TREATED
\$[-7.91646]&\$[-7.40651]&\$[-0.347909]&\$[6.70024]&\$[10.0512]&
SAMPLE 3
NORMAL
\$[7.738]&\$[-3.07495]&\$[15.0688]&\$[0.133524]&\$[-11.7534]&
TREATED
\$[6.62125]&\$[1.86622]&\$[-14.955]&\$[8.05471]&\$[3.0697]&
SAMPLE 4
NORMAL
\$[-2.93618]&\$[-4.66681]&\$[7.50225]&\$[-6.7363]&\$[0.551423]&
TREATED
\$[-1.70379]&\$[-11.7772]&\$[-25.7619]&\$[10.8256]&\$[-4.76237]&
SAMPLE 5
NORMAL
\$[12.2002]&\$[14.4988]&\$[6.52813]&\$[0.263454]&\$[-2.18128]&
TREATED
\$[7.24724]&\$[7.71531]&\$[9.28985]&\$[17.9844]&\$[1.33333]&
SAMPLE 6
NORMAL
\$[4.92025]&\$[20.2534]&\$[6.10066]&\$[15.4649]&\$[13.1181]&
TREATED
\$[-2.8876]&\$[1.31353]&\$[-0.55249]&\$[1.03596]&\$[6.57146]&
SAMPLE 7

NORMAL
\$[4.2772]&\$[8.49143]&\$[-5.81131]&\$[-0.359526]&\$[1.34478]&
TREATED
\$[1.37869]&\$[10.1848]&\$[13.5683]&\$[18.8514]&\$[-7.76014]&
SAMPLE 8
NORMAL
\$[0.190921]&\$[10.29]&\$[2.72508]&\$[-11.1182]&\$[9.54989]&
TREATED
\$[8.43984]&\$[3.38854]&\$[0.512708]&\$[2.90835]&\$[-5.28936]&
SAMPLE 9
NORMAL
\$[7.48139]&\$[4.30939]&\$[6.86691]&\$[-12.4748]&\$[-5.59375]&
TREATED
\$[6.15676]&\$[1.34701]&\$[7.28946]&\$[10.4605]&\$[-5.45319]&
SAMPLE 10
NORMAL
\$[11.84]&\$[7.28926]&\$[3.89921]&\$[7.25906]&\$[12.1638]&
TREATED
\$[10.6347]&\$[12.8589]&\$[7.76568]&\$[18.5504]&\$[-3.99634]&

EP18B016
alpha = 0.00544759
FWER = 0.225037
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[1.72019]&\$[-2.01414]&\$[-1.11537]&\$[-13.2229]&\$[-12.03]&
TREATED
\$[11.7972]&\$[-6.61267]&\$[-2.15855]&\$[1.70097]&\$[1.87489]&
SAMPLE 2
NORMAL
\$[1.56797]&\$[1.54254]&\$[-12.8059]&\$[8.86079]&\$[0.245377]&
TREATED
\$[12.6963]&\$[0.334915]&\$[-4.71243]&\$[-9.10232]&\$[-9.49173]&
SAMPLE 3
NORMAL
\$[6.10976]&\$[1.55459]&\$[3.51008]&\$[-0.742002]&\$[5.01985]&
TREATED
\$[-2.4294]&\$[0.953454]&\$[-0.426135]&\$[3.03798]&\$[4.1884]&
SAMPLE 4
NORMAL
\$[0.134922]&\$[-2.88593]&\$[1.43318]&\$[3.46002]&\$[3.06989]&
TREATED
\$[0.266938]&\$[1.331]&\$[-3.85754]&\$[-2.7959]&\$[-1.03857]&
SAMPLE 5
NORMAL
\$[-19.9355]&\$[-12.1004]&\$[-3.71128]&\$[2.19389]&\$[-7.85498]&
TREATED
\$[1.37038]&\$[2.97224]&\$[0.584581]&\$[-0.398963]&\$[-1.92678]&
SAMPLE 6
NORMAL
\$[16.7881]&\$[-4.01696]&\$[-3.55264]&\$[3.10701]&\$[1.52414]&
TREATED

\$[6.95064]&\$[7.80688]&\$[8.96967]&\$[8.8086]&\$[-7.60609]&
SAMPLE 7
NORMAL
\$[-0.821313]&\$[18.896]&\$[6.22019]&\$[-5.21436]&\$[-2.93768]&
TREATED
\$[-4.85151]&\$[-2.36895]&\$[-3.38601]&\$[8.04671]&\$[8.54024]&
SAMPLE 8
NORMAL
\$[4.34399]&\$[-5.40439]&\$[1.30992]&\$[2.54314]&\$[17.3035]&
TREATED
\$[7.65815]&\$[8.29599]&\$[-1.23143]&\$[6.01611]&\$[1.86468]&
SAMPLE 9
NORMAL
\$[5.44475]&\$[2.34166]&\$[5.14011]&\$[6.70006]&\$[2.16871]&
TREATED
\$[1.54637]&\$[10.9276]&\$[2.0844]&\$[6.01448]&\$[-0.917324]&
SAMPLE 10
NORMAL
\$[11.4391]&\$[28.7919]&\$[0.759937]&\$[-2.99409]&\$[-5.87086]&
TREATED
\$[7.87202]&\$[7.36562]&\$[3.9535]&\$[-13.2256]&\$[19.2525]&

EP18B031
alpha = 0.0312745
FWER = 0.292934
SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1
NORMAL
\$[1.438]&\$[-8.9404]&\$[3.62691]&\$[-3.92332]&\$[3.64035]&
TREATED
\$[14.2317]&\$[13.5646]&\$[20.3915]&\$[0.55463]&\$[15.2816]&
SAMPLE 2
NORMAL
\$[12.7754]&\$[3.62245]&\$[6.31067]&\$[4.13305]&\$[19.2032]&
TREATED
\$[9.26763]&\$[-9.1555]&\$[-3.03321]&\$[1.21899]&\$[10.4414]&
SAMPLE 3
NORMAL
\$[-2.24031]&\$[-0.654958]&\$[19.6712]&\$[1.66249]&\$[-9.1103]&
TREATED
\$[15.0152]&\$[-4.81501]&\$[-6.33484]&\$[2.42924]&\$[-1.35048]&
SAMPLE 4
NORMAL
\$[-1.81153]&\$[-4.18057]&\$[3.37313]&\$[1.26072]&\$[12.3048]&
TREATED
\$[-1.09184]&\$[-1.3086]&\$[9.4501]&\$[-2.99706]&\$[-0.391972]&
SAMPLE 5
NORMAL
\$[10.1152]&\$[14.5675]&\$[10.8087]&\$[-8.92465]&\$[15.9331]&
TREATED
\$[2.94528]&\$[-0.056983]&\$[5.12908]&\$[8.89571]&\$[3.02392]&
SAMPLE 6
NORMAL

\$[6.74737]&\$[-0.0119511]&\$[16.6975]&\$[-9.18398]&\$[2.61154]&
TREATED
\$[-1.5426]&\$[-7.19802]&\$[7.05082]&\$[2.2593]&\$[5.44728]&
SAMPLE 7
NORMAL
\$[17.17]&\$[1.15312]&\$[6.84833]&\$[10.4657]&\$[6.75494]&
TREATED
\$[0.47247]&\$[2.8402]&\$[0.833153]&\$[-3.02061]&\$[7.66388]&
SAMPLE 8
NORMAL
\$[1.99554]&\$[4.1967]&\$[-9.44578]&\$[1.89638]&\$[-9.10469]&
TREATED
\$[-5.56677]&\$[-3.44667]&\$[4.685]&\$[9.79367]&\$[3.63604]&
SAMPLE 9
NORMAL
\$[-7.50685]&\$[14.2758]&\$[-7.33546]&\$[-1.78645]&\$[2.58149]&
TREATED
\$[1.78362]&\$[1.11459]&\$[7.70951]&\$[10.6973]&\$[0.977571]&
SAMPLE 10
NORMAL
\$[8.84421]&\$[0.69342]&\$[0.815346]&\$[2.90771]&\$[11.7967]&
TREATED
\$[5.78754]&\$[9.34221]&\$[4.3436]&\$[15.2126]&\$[9.08475]&

ME17B113
alpha = 0.0323904
FWER = 0.323602
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[-2.48062]&\$[4.17306]&\$[-4.02914]&\$[9.62304]&\$[2.59659]&
TREATED
\$[-7.60918]&\$[-2.79848]&\$[19.6801]&\$[9.11758]&\$[6.90114]&
SAMPLE 2
NORMAL
\$[3.85261]&\$[0.469303]&\$[3.68388]&\$[3.54071]&\$[0.484145]&
TREATED
\$[-0.968766]&\$[1.99724]&\$[3.76395]&\$[12.5659]&\$[7.15397]&
SAMPLE 3
NORMAL
\$[4.77956]&\$[0.784665]&\$[7.94057]&\$[5.07079]&\$[-3.95404]&
TREATED
\$[5.24356]&\$[8.09379]&\$[4.10949]&\$[4.9842]&\$[2.77313]&
SAMPLE 4
NORMAL
\$[8.36586]&\$[-1.98952]&\$[10.396]&\$[13.9393]&\$[-1.37308]&
TREATED
\$[8.07031]&\$[-0.400363]&\$[-4.61152]&\$[8.41147]&\$[-2.94972]&
SAMPLE 5
NORMAL
\$[2.67946]&\$[-21.8229]&\$[13.1912]&\$[5.4133]&\$[0.465912]&
TREATED
\$[-1.92861]&\$[1.25526]&\$[-9.02016]&\$[10.7969]&\$[-1.63841]&

SAMPLE 6
NORMAL
\$[-14.41]&\$[-6.1268]&\$[4.88724]&\$[5.6834]&\$[-3.17712]&
TREATED
\$[-2.09883]&\$[-0.51272]&\$[4.85329]&\$[1.92994]&\$[-1.25775]&
SAMPLE 7
NORMAL
\$[-20.5468]&\$[-3.29845]&\$[-2.5401]&\$[-2.72741]&\$[-2.36791]&
TREATED
\$[-9.01782]&\$[8.45418]&\$[16.2847]&\$[-17.4979]&\$[-11.4527]&
SAMPLE 8
NORMAL
\$[-5.12331]&\$[8.65026]&\$[0.807384]&\$[-3.09663]&\$[1.08751]&
TREATED
\$[0.351789]&\$[-10.1671]&\$[15.2297]&\$[8.33685]&\$[-3.52894]&
SAMPLE 9
NORMAL
\$[4.65251]&\$[15.9758]&\$[3.32356]&\$[-0.871478]&\$[5.21426]&
TREATED
\$[-17.9989]&\$[7.78322]&\$[4.55838]&\$[7.12001]&\$[-7.73296]&
SAMPLE 10
NORMAL
\$[1.36118]&\$[-0.694195]&\$[6.53912]&\$[-12.5843]&\$[2.14869]&
TREATED
\$[3.9195]&\$[2.85488]&\$[3.24903]&\$[-9.8212]&\$[1.18581]&

ME17B120
alpha = 0.0213025
FWER = 0.266712
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[2.62916]&\$[-0.838891]&\$[1.18933]&\$[-0.239318]&\$[1.33349]&
TREATED
\$[-2.36524]&\$[15.0763]&\$[14.195]&\$[5.22838]&\$[8.42184]&
SAMPLE 2
NORMAL
\$[-1.77752]&\$[1.36834]&\$[-0.820898]&\$[1.51982]&\$[-2.64199]&
TREATED
\$[6.9141]&\$[9.2052]&\$[19.7393]&\$[4.75557]&\$[6.27184]&
SAMPLE 3
NORMAL
\$[3.75688]&\$[0.891783]&\$[-16.3922]&\$[9.94534]&\$[8.44158]&
TREATED
\$[14.345]&\$[7.69215]&\$[-4.63999]&\$[14.1147]&\$[2.38253]&
SAMPLE 4
NORMAL
\$[6.69721]&\$[-9.16252]&\$[-8.78874]&\$[12.4394]&\$[12.6261]&
TREATED
\$[3.13883]&\$[1.51039]&\$[5.47345]&\$[6.50668]&\$[-2.45078]&
SAMPLE 5
NORMAL
\$[3.4961]&\$[5.23521]&\$[4.23]&\$[4.35117]&\$[6.76413]&

TREATED
\$[3.2557]&\$[5.72608]&\$[-13.0163]&\$[8.45388]&\$[6.6183]&
SAMPLE 6
NORMAL
\$[5.31447]&\$[7.01689]&\$[1.95362]&\$[3.76431]&\$[0.3913]&
TREATED
\$[1.98324]&\$[-4.34523]&\$[4.50617]&\$[-2.86095]&\$[-4.61825]&
SAMPLE 7
NORMAL
\$[-4.84353]&\$[0.379953]&\$[7.76701]&\$[6.26714]&\$[7.14199]&
TREATED
\$[-1.90327]&\$[-0.616743]&\$[11.9928]&\$[4.68548]&\$[6.18029]&
SAMPLE 8
NORMAL
\$[4.69682]&\$[-6.20075]&\$[-7.891]&\$[-7.46516]&\$[-0.228332]&
TREATED
\$[-3.97529]&\$[3.44787]&\$[-0.560817]&\$[-11.8891]&\$[-2.71433]&
SAMPLE 9
NORMAL
\$[4.19464]&\$[5.62807]&\$[3.69901]&\$[4.20326]&\$[2.38853]&
TREATED
\$[-3.4375]&\$[9.26018]&\$[-0.92058]&\$[4.31858]&\$[3.21842]&
SAMPLE 10
NORMAL
\$[11.142]&\$[-0.334745]&\$[-10.207]&\$[9.99171]&\$[-3.80518]&
TREATED
\$[7.57359]&\$[-9.33262]&\$[-3.84836]&\$[13.5338]&\$[-0.262464]&

ME17B137
alpha = 0.0107396
FWER = 0.33832
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[-2.01342]&\$[0.250205]&\$[3.42881]&\$[5.90203]&\$[3.03308]&
TREATED
\$[2.83351]&\$[11.0394]&\$[2.00189]&\$[6.84728]&\$[2.72448]&
SAMPLE 2
NORMAL
\$[7.19504]&\$[-0.0627235]&\$[0.713671]&\$[1.73113]&\$[-1.93222]&
TREATED
\$[25.56]&\$[12.5429]&\$[-7.28299]&\$[-2.93016]&\$[9.49125]&
SAMPLE 3
NORMAL
\$[-2.44292]&\$[8.89374]&\$[-7.13886]&\$[-5.06496]&\$[-5.14123]&
TREATED
\$[-7.52055]&\$[-3.16476]&\$[-2.41407]&\$[-5.84776]&\$[-20.9541]&
SAMPLE 4
NORMAL
\$[12.6837]&\$[3.25458]&\$[6.22098]&\$[-4.21898]&\$[1.45876]&
TREATED
\$[2.0792]&\$[-0.327676]&\$[2.32071]&\$[3.5092]&\$[-0.260157]&
SAMPLE 5

NORMAL
\$[0.644703]&\$[7.01292]&\$[-5.03277]&\$[7.25192]&\$[-0.115252]&
TREATED
\$[2.74998]&\$[-8.66853]&\$[-3.69279]&\$[-1.75275]&\$[3.24609]&
SAMPLE 6
NORMAL
\$[-9.63012]&\$[-15.0026]&\$[6.86]&\$[1.53064]&\$[-8.24366]&
TREATED
\$[10.084]&\$[-1.27753]&\$[4.45042]&\$[6.57618]&\$[-3.79449]&
SAMPLE 7
NORMAL
\$[-3.71681]&\$[11.4277]&\$[6.13886]&\$[3.98789]&\$[15.4996]&
TREATED
\$[0.826595]&\$[-5.98819]&\$[-3.82384]&\$[-4.94842]&\$[-3.26349]&
SAMPLE 8
NORMAL
\$[3.48588]&\$[10.6635]&\$[9.75666]&\$[11.5918]&\$[-11.8163]&
TREATED
\$[6.39376]&\$[-4.008]&\$[6.31637]&\$[5.28658]&\$[8.87624]&
SAMPLE 9
NORMAL
\$[-0.75266]&\$[-2.31373]&\$[0.616448]&\$[-5.80635]&\$[5.97777]&
TREATED
\$[-1.31441]&\$[-5.66248]&\$[-0.746622]&\$[3.52578]&\$[15.5737]&
SAMPLE 10
NORMAL
\$[7.91787]&\$[3.78509]&\$[1.25179]&\$[-5.54849]&\$[7.60503]&
TREATED
\$[8.10492]&\$[-1.12824]&\$[-14.5693]&\$[6.4061]&\$[0.599989]&

ME17B140
alpha = 0.0316808
FWER = 0.369419
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[-3.87919]&\$[2.23768]&\$[14.8658]&\$[5.05627]&\$[2.44653]&
TREATED
\$[0.86061]&\$[4.67101]&\$[-15.2417]&\$[-13.8148]&\$[18.1026]&
SAMPLE 2
NORMAL
\$[-1.56237]&\$[0.43943]&\$[2.4564]&\$[-8.50754]&\$[-3.99223]&
TREATED
\$[-1.16053]&\$[15.5525]&\$[-0.597621]&\$[11.7642]&\$[-0.41767]&
SAMPLE 3
NORMAL
\$[4.37026]&\$[-7.26805]&\$[7.37387]&\$[21.8869]&\$[-4.66106]&
TREATED
\$[-19.4086]&\$[10.4001]&\$[-2.15421]&\$[2.17417]&\$[-4.62319]&
SAMPLE 4
NORMAL
\$[0.556468]&\$[2.40641]&\$[8.4327]&\$[-0.0557802]&\$[0.876837]&
TREATED

\$[7.71169]&\$[5.7401]&\$[-3.15559]&\$[2.73179]&\$[2.45277]&
SAMPLE 5
NORMAL
\$[5.30123]&\$[10.1581]&\$[6.83639]&\$[-8.84661]&\$[-10.3726]&
TREATED
\$[-4.43499]&\$[6.48406]&\$[-7.00443]&\$[5.93164]&\$[15.424]&
SAMPLE 6
NORMAL
\$[-2.69478]&\$[5.62653]&\$[7.70858]&\$[4.24126]&\$[12.6511]&
TREATED
\$[4.03321]&\$[10.1659]&\$[-0.17048]&\$[7.70099]&\$[3.7108]&
SAMPLE 7
NORMAL
\$[5.97422]&\$[-1.43967]&\$[3.9741]&\$[-0.464997]&\$[-1.92377]&
TREATED
\$[-2.91013]&\$[3.70755]&\$[0.708992]&\$[3.36708]&\$[-0.718489]&
SAMPLE 8
NORMAL
\$[9.95598]&\$[-3.33421]&\$[-10.0656]&\$[-2.27245]&\$[6.35532]&
TREATED
\$[-6.70864]&\$[5.57942]&\$[8.25109]&\$[-1.85227]&\$[-6.77285]&
SAMPLE 9
NORMAL
\$[-1.89395]&\$[1.19413]&\$[3.4006]&\$[1.23458]&\$[-1.12745]&
TREATED
\$[-1.25262]&\$[0.16981]&\$[-0.119561]&\$[-4.292]&\$[3.33831]&
SAMPLE 10
NORMAL
\$[3.88088]&\$[3.11078]&\$[8.00058]&\$[3.52517]&\$[6.17364]&
TREATED
\$[-0.097056]&\$[-12.4435]&\$[-8.03466]&\$[9.57913]&\$[1.57358]&

ME17B141
alpha = 0.0168562
FWER = 0.273575
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[-0.0470921]&\$[7.98508]&\$[-0.730626]&\$[14.0505]&\$[0.501151]&
TREATED
\$[-9.55501]&\$[1.34268]&\$[3.50112]&\$[1.86145]&\$[26.3021]&
SAMPLE 2
NORMAL
\$[-6.44124]&\$[0.925413]&\$[-4.6074]&\$[4.16859]&\$[-4.97696]&
TREATED
\$[4.29903]&\$[-0.683373]&\$[1.57759]&\$[8.79846]&\$[1.31046]&
SAMPLE 3
NORMAL
\$[-14.4545]&\$[20.8425]&\$[-19.3454]&\$[10.47]&\$[8.39998]&
TREATED
\$[2.8948]&\$[-3.2641]&\$[8.46854]&\$[4.79409]&\$[-1.84946]&
SAMPLE 4
NORMAL

\$[4.24355]&\$[-2.04757]&\$[9.01616]&\$[0.766858]&\$[-8.59082]&
TREATED
\$[4.013]&\$[3.1136]&\$[5.67654]&\$[-2.54808]&\$[6.99431]&
SAMPLE 5
NORMAL
\$[-1.84812]&\$[-4.32972]&\$[1.22376]&\$[6.65986]&\$[4.81339]&
TREATED
\$[0.270201]&\$[-4.74754]&\$[7.68885]&\$[8.24448]&\$[1.74783]&
SAMPLE 6
NORMAL
\$[9.43865]&\$[-4.77361]&\$[13.8554]&\$[-1.14733]&\$[20.8726]&
TREATED
\$[2.49565]&\$[3.977]&\$[4.93294]&\$[-1.03332]&\$[3.72824]&
SAMPLE 7
NORMAL
\$[2.26033]&\$[5.85862]&\$[14.0262]&\$[4.63576]&\$[-1.28403]&
TREATED
\$[3.36309]&\$[5.00617]&\$[-3.94719]&\$[8.24333]&\$[14.5791]&
SAMPLE 8
NORMAL
\$[-5.45049]&\$[22.0894]&\$[-6.83066]&\$[10.8341]&\$[8.0801]&
TREATED
\$[-1.0778]&\$[-0.482481]&\$[4.90251]&\$[20.6097]&\$[14.6828]&
SAMPLE 9
NORMAL
\$[0.757837]&\$[3.6875]&\$[-2.27253]&\$[-4.68749]&\$[5.32561]&
TREATED
\$[5.1177]&\$[4.88749]&\$[0.644604]&\$[4.16855]&\$[1.5028]&
SAMPLE 10
NORMAL
\$[-7.99542]&\$[4.23311]&\$[9.1645]&\$[-1.17234]&\$[-3.30076]&
TREATED
\$[2.90629]&\$[8.37154]&\$[6.50346]&\$[2.2653]&\$[4.2326]&

ME17B146
alpha = 0.0150261
FWER = 0.315995
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[9.69532]&\$[2.06896]&\$[13.9716]&\$[-3.24582]&\$[-5.60897]&
TREATED
\$[-0.192414]&\$[2.95298]&\$[2.25912]&\$[0.567925]&\$[2.04113]&
SAMPLE 2
NORMAL
\$[7.13892]&\$[-0.241373]&\$[5.88474]&\$[3.24366]&\$[3.91907]&
TREATED
\$[-15.1585]&\$[8.27335]&\$[-3.63281]&\$[-7.33231]&\$[7.47852]&
SAMPLE 3
NORMAL
\$[-3.94006]&\$[7.99697]&\$[8.02928]&\$[3.0808]&\$[4.47149]&
TREATED
\$[-2.17343]&\$[2.17567]&\$[-4.20059]&\$[-1.30663]&\$[-0.355578]&

SAMPLE 4
NORMAL
\$[-12.8361]&\$[5.85019]&\$[9.74616]&\$[-0.936047]&\$[-4.45644]&
TREATED
\$[0.0202477]&\$[1.94377]&\$[3.08534]&\$[1.0043]&\$[1.69744]&
SAMPLE 5
NORMAL
\$[2.10973]&\$[8.57444]&\$[-5.09207]&\$[2.45745]&\$[-0.306851]&
TREATED
\$[9.51488]&\$[11.5616]&\$[-1.66175]&\$[6.24668]&\$[3.36933]&
SAMPLE 6
NORMAL
\$[1.58112]&\$[0.113424]&\$[4.21216]&\$[4.37108]&\$[11.6492]&
TREATED
\$[6.00593]&\$[21.1197]&\$[3.51006]&\$[-2.02533]&\$[5.46392]&
SAMPLE 7
NORMAL
\$[1.87642]&\$[-0.943291]&\$[1.30409]&\$[0.838106]&\$[-3.01005]&
TREATED
\$[9.50876]&\$[-2.4706]&\$[-14.2532]&\$[-18.6958]&\$[-3.12105]&
SAMPLE 8
NORMAL
\$[1.19452]&\$[3.88854]&\$[2.79335]&\$[1.15449]&\$[17.1027]&
TREATED
\$[4.50644]&\$[9.32379]&\$[5.90877]&\$[12.4759]&\$[4.51502]&
SAMPLE 9
NORMAL
\$[3.37248]&\$[2.55817]&\$[4.34498]&\$[-3.22178]&\$[7.4275]&
TREATED
\$[1.80627]&\$[-8.67665]&\$[5.99492]&\$[-2.78728]&\$[7.60448]&
SAMPLE 10
NORMAL
\$[2.83004]&\$[2.18386]&\$[6.02982]&\$[1.46931]&\$[2.34986]&
TREATED
\$[14.997]&\$[-1.34642]&\$[-9.57752]&\$[-5.53688]&\$[-4.67824]&

ME17B184
alpha = 0.0210734
FWER = 0.261646
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[6.39675]&\$[1.98882]&\$[8.50194]&\$[2.49029]&\$[6.04294]&
TREATED
\$[3.31537]&\$[-0.899752]&\$[9.57032]&\$[3.11726]&\$[0.55427]&
SAMPLE 2
NORMAL
\$[8.06872]&\$[2.19676]&\$[-3.73955]&\$[6.12293]&\$[18.9051]&
TREATED
\$[-4.87971]&\$[18.4612]&\$[-17.1061]&\$[8.42327]&\$[-2.57274]&
SAMPLE 3
NORMAL
\$[6.3869]&\$[3.77198]&\$[5.0429]&\$[0.0324764]&\$[3.41533]&

TREATED
\$[-4.93004]&\$[5.16969]&\$[3.90351]&\$[4.18157]&\$[-4.06459]&
SAMPLE 4
NORMAL
\$[5.19521]&\$[6.64069]&\$[3.59012]&\$[3.45107]&\$[1.96875]&
TREATED
\$[4.31833]&\$[0.279097]&\$[3.5105]&\$[6.23061]&\$[3.02626]&
SAMPLE 5
NORMAL
\$[-1.79421]&\$[-2.31574]&\$[-0.486525]&\$[-1.97109]&\$[-2.57106]&
TREATED
\$[4.3067]&\$[6.68553]&\$[15.1189]&\$[-11.7309]&\$[15.0186]&
SAMPLE 6
NORMAL
\$[0.383739]&\$[8.41428]&\$[3.32667]&\$[-4.07181]&\$[6.24653]&
TREATED
\$[18.2548]&\$[-3.28785]&\$[-7.49342]&\$[13.6983]&\$[19.8568]&
SAMPLE 7
NORMAL
\$[0.0577501]&\$[6.18267]&\$[-2.89187]&\$[5.81138]&\$[11.0616]&
TREATED
\$[0.555057]&\$[4.8775]&\$[4.85038]&\$[8.03373]&\$[8.51417]&
SAMPLE 8
NORMAL
\$[16.9135]&\$[12.9738]&\$[-7.61985]&\$[-4.88961]&\$[-14.2273]&
TREATED
\$[10.7504]&\$[12.345]&\$[-1.76158]&\$[1.8097]&\$[-1.07803]&
SAMPLE 9
NORMAL
\$[16.479]&\$[-4.12049]&\$[11.5171]&\$[5.60738]&\$[-26.3049]&
TREATED
\$[2.75276]&\$[5.81242]&\$[4.03502]&\$[3.54274]&\$[8.27658]&
SAMPLE 10
NORMAL
\$[2.01091]&\$[2.88648]&\$[1.37677]&\$[1.23464]&\$[-0.997121]&
TREATED
\$[1.66467]&\$[-7.26115]&\$[1.0006]&\$[0.783717]&\$[1.3147]&

ME18B013
alpha = 0.031538
FWER = 0.241721
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[-2.0488]&\$[-5.4199]&\$[7.64579]&\$[4.2898]&\$[2.89288]&
TREATED
\$[-13.4728]&\$[-4.05668]&\$[15.144]&\$[22.8722]&\$[1.76073]&
SAMPLE 2
NORMAL
\$[-1.22898]&\$[-2.06961]&\$[1.72102]&\$[0.363318]&\$[-1.39878]&
TREATED
\$[0.910355]&\$[0.418974]&\$[8.68256]&\$[-13.5374]&\$[-3.1755]&
SAMPLE 3

NORMAL
\$[7.26765]&\$[12.7374]&\$[-3.21692]&\$[7.77566]&\$[12.8135]&
TREATED
\$[-1.02542]&\$[3.40374]&\$[1.26961]&\$[-0.191957]&\$[0.718675]&
SAMPLE 4
NORMAL
\$[4.74784]&\$[2.53044]&\$[-8.45378]&\$[10.6702]&\$[2.10613]&
TREATED
\$[10.2301]&\$[1.36049]&\$[-4.62992]&\$[7.11963]&\$[2.05869]&
SAMPLE 5
NORMAL
\$[8.70522]&\$[5.97039]&\$[-8.95255]&\$[3.52512]&\$[5.74984]&
TREATED
\$[10.7767]&\$[-21.9575]&\$[16.166]&\$[3.91102]&\$[27.8211]&
SAMPLE 6
NORMAL
\$[3.34163]&\$[4.70845]&\$[8.52383]&\$[-2.83407]&\$[5.15145]&
TREATED
\$[3.62872]&\$[7.81862]&\$[-5.47501]&\$[3.87311]&\$[5.69603]&
SAMPLE 7
NORMAL
\$[4.78875]&\$[-17.993]&\$[-2.07299]&\$[9.24724]&\$[-7.14591]&
TREATED
\$[-5.66277]&\$[11.2879]&\$[-7.77555]&\$[6.24463]&\$[-11.459]&
SAMPLE 8
NORMAL
\$[2.21318]&\$[0.26534]&\$[-5.34637]&\$[-3.28207]&\$[5.15319]&
TREATED
\$[1.2275]&\$[3.28926]&\$[2.18042]&\$[2.22083]&\$[4.01936]&
SAMPLE 9
NORMAL
\$[10.6389]&\$[9.14362]&\$[-0.35817]&\$[-1.19195]&\$[4.71166]&
TREATED
\$[1.61695]&\$[20.5375]&\$[1.51447]&\$[0.433745]&\$[16.924]&
SAMPLE 10
NORMAL
\$[7.1461]&\$[0.232623]&\$[-12.7828]&\$[12.5102]&\$[-11.9964]&
TREATED
\$[0.160481]&\$[-2.44534]&\$[2.9925]&\$[14.207]&\$[-0.0210093]&

ME18B021
alpha = 0.0487913
FWER = 0.218294
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[2.35356]&\$[3.24002]&\$[3.83509]&\$[1.10138]&\$[-0.198427]&
TREATED
\$[9.51063]&\$[2.64563]&\$[0.135219]&\$[9.38583]&\$[-5.66975]&
SAMPLE 2
NORMAL
\$[0.0226132]&\$[-9.66421]&\$[-0.457066]&\$[0.216182]&\$[7.05221]&
TREATED

\$[5.88272]&\$[2.07775]&\$[1.88495]&\$[-2.78868]&\$[2.18276]&
SAMPLE 3
NORMAL
\$[6.46217]&\$[-2.89477]&\$[2.82173]&\$[4.16843]&\$[1.9717]&
TREATED
\$[3.30465]&\$[-6.99755]&\$[9.28989]&\$[-5.61089]&\$[-8.47896]&
SAMPLE 4
NORMAL
\$[2.91617]&\$[7.31433]&\$[-2.50936]&\$[10.6062]&\$[-4.58198]&
TREATED
\$[-2.43187]&\$[3.62436]&\$[9.38621]&\$[-15.4566]&\$[12.6269]&
SAMPLE 5
NORMAL
\$[-0.106987]&\$[11.206]&\$[2.08365]&\$[16.7595]&\$[6.83956]&
TREATED
\$[13.1889]&\$[-11.1482]&\$[2.74359]&\$[7.80266]&\$[4.30096]&
SAMPLE 6
NORMAL
\$[4.15704]&\$[1.82286]&\$[7.62204]&\$[7.24543]&\$[3.11955]&
TREATED
\$[2.82006]&\$[4.35667]&\$[7.00238]&\$[3.79519]&\$[6.49259]&
SAMPLE 7
NORMAL
\$[-8.1388]&\$[-3.52539]&\$[15.2687]&\$[2.96842]&\$[-3.21606]&
TREATED
\$[3.85358]&\$[0.399759]&\$[4.50784]&\$[3.31624]&\$[3.28836]&
SAMPLE 8
NORMAL
\$[-3.61858]&\$[4.41697]&\$[5.3125]&\$[-1.81177]&\$[3.26668]&
TREATED
\$[4.4312]&\$[12.7546]&\$[14.3117]&\$[-5.17009]&\$[-4.90563]&
SAMPLE 9
NORMAL
\$[2.00436]&\$[6.66317]&\$[1.17631]&\$[5.47085]&\$[0.976526]&
TREATED
\$[-10.0739]&\$[-9.56385]&\$[8.1283]&\$[6.32372]&\$[1.71367]&
SAMPLE 10
NORMAL
\$[-0.00282229]&\$[5.72463]&\$[1.69184]&\$[1.16664]&\$[-1.05613]&
TREATED
\$[14.2017]&\$[-0.79442]&\$[8.17913]&\$[5.4821]&\$[6.44577]&

ME18B023
alpha = 0.0129303
FWER = 0.384079
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[6.11447]&\$[3.76352]&\$[-6.79667]&\$[1.69964]&\$[-0.99994]&
TREATED
\$[0.785829]&\$[7.54783]&\$[4.59738]&\$[5.06212]&\$[3.17965]&
SAMPLE 2
NORMAL

\$[-18.5052]&,\$[7.63434]&,\$[6.72945]&,\$[-16.1886]&,\$[-6.90446]&
TREATED
\$[-1.10836]&,\$[3.2502]&,\$[-5.13736]&,\$[1.5771]&,\$[-8.29789]&
SAMPLE 3
NORMAL
\$[12.158]&,\$[-2.58898]&,\$[7.72844]&,\$[5.63143]&,\$[8.45387]&
TREATED
\$[12.6911]&,\$[7.57182]&,\$[-4.65178]&,\$[-5.35289]&,\$[-10.3485]&
SAMPLE 4
NORMAL
\$[-3.41017]&,\$[-11.4768]&,\$[-10.955]&,\$[7.10461]&,\$[0.591846]&
TREATED
\$[-2.26958]&,\$[7.91037]&,\$[11.8903]&,\$[2.97961]&,\$[3.51658]&
SAMPLE 5
NORMAL
\$[7.51468]&,\$[-7.38866]&,\$[-1.26978]&,\$[-5.13679]&,\$[6.04161]&
TREATED
\$[7.96755]&,\$[-6.47989]&,\$[-1.05422]&,\$[13.8054]&,\$[2.057]&
SAMPLE 6
NORMAL
\$[7.35762]&,\$[1.22529]&,\$[-0.194094]&,\$[12.1567]&,\$[5.43916]&
TREATED
\$[4.2138]&,\$[8.12462]&,\$[5.12928]&,\$[0.0254753]&,\$[5.59819]&
SAMPLE 7
NORMAL
\$[3.17924]&,\$[5.45248]&,\$[19.2328]&,\$[0.764848]&,\$[7.47827]&
TREATED
\$[11.3242]&,\$[5.48649]&,\$[13.9226]&,\$[6.11864]&,\$[-2.30453]&
SAMPLE 8
NORMAL
\$[11.3011]&,\$[15.2212]&,\$[5.89837]&,\$[3.23492]&,\$[10.0387]&
TREATED
\$[0.402636]&,\$[-4.57398]&,\$[-0.691233]&,\$[5.57214]&,\$[-1.31224]&
SAMPLE 9
NORMAL
\$[0.6182]&,\$[14.3756]&,\$[2.49311]&,\$[0.9488]&,\$[5.53647]&
TREATED
\$[6.08663]&,\$[22.0144]&,\$[6.86339]&,\$[25.1166]&,\$[-24.5329]&
SAMPLE 10
NORMAL
\$[-2.13928]&,\$[-5.22181]&,\$[14.1518]&,\$[10.4271]&,\$[7.6017]&
TREATED
\$[12.4345]&,\$[7.10264]&,\$[3.19415]&,\$[-10.6021]&,\$[3.27553]&

ME18B024
alpha = 0.0212149
FWER = 0.228388
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[-2.86258]&,\$[-0.0603059]&,\$[7.15725]&,\$[-3.04475]&,\$[0.541913]&
TREATED
\$[-2.2037]&,\$[8.47773]&,\$[9.92264]&,\$[12.0596]&,\$[2.74824]&

SAMPLE 2
NORMAL
\$[2.90169]&\$[11.7753]&\$[1.7086]&\$[3.41078]&\$[14.5433]&
TREATED
\$[1.5846]&\$[-17.9608]&\$[-0.290259]&\$[1.51442]&\$[4.50269]&
SAMPLE 3
NORMAL
\$[-5.39263]&\$[-13.786]&\$[-7.3844]&\$[-1.7679]&\$[-6.35703]&
TREATED
\$[-6.24602]&\$[-8.72218]&\$[2.26895]&\$[12.9585]&\$[13.6752]&
SAMPLE 4
NORMAL
\$[-8.41611]&\$[8.25674]&\$[10.3081]&\$[5.40073]&\$[-3.84445]&
TREATED
\$[8.09951]&\$[7.95033]&\$[14.3794]&\$[3.25769]&\$[-16.3957]&
SAMPLE 5
NORMAL
\$[-11.1358]&\$[-3.64428]&\$[7.60759]&\$[-6.7655]&\$[9.26815]&
TREATED
\$[-8.70723]&\$[15.9783]&\$[8.78504]&\$[11.4952]&\$[-10.7322]&
SAMPLE 6
NORMAL
\$[-14.2213]&\$[5.47453]&\$[-1.53483]&\$[-5.46277]&\$[3.82678]&
TREATED
\$[-0.578709]&\$[0.667705]&\$[4.19885]&\$[3.95342]&\$[2.85581]&
SAMPLE 7
NORMAL
\$[6.2369]&\$[6.63427]&\$[5.46878]&\$[1.56754]&\$[-0.79124]&
TREATED
\$[2.67289]&\$[2.67467]&\$[-1.24564]&\$[-2.19026]&\$[3.59732]&
SAMPLE 8
NORMAL
\$[5.35419]&\$[0.598477]&\$[-16.7583]&\$[4.08302]&\$[0.308365]&
TREATED
\$[-0.96055]&\$[13.185]&\$[-1.20574]&\$[6.15099]&\$[-8.01772]&
SAMPLE 9
NORMAL
\$[-2.03869]&\$[13.9326]&\$[6.87171]&\$[-13.5349]&\$[-12.2035]&
TREATED
\$[1.30215]&\$[-7.39171]&\$[10.9293]&\$[7.33578]&\$[4.80787]&
SAMPLE 10
NORMAL
\$[3.19814]&\$[22.4818]&\$[-5.92284]&\$[0.0410833]&\$[-7.25154]&
TREATED
\$[8.72737]&\$[-0.998808]&\$[11.9676]&\$[1.73227]&\$[-0.105676]&

ME18B040
alpha = 0.0420831
FWER = 0.217806
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[2.79939]&\$[-3.48447]&\$[1.90611]&\$[-8.0709]&\$[2.44668]&

TREATED
\$[8.34171]&\$[4.35789]&\$[2.37953]&\$[-11.4433]&\$[-8.46851]&
SAMPLE 2
NORMAL
\$[-3.08466]&\$[-6.25342]&\$[2.64252]&\$[3.73088]&\$[-2.38995]&
TREATED
\$[16.2042]&\$[-11.0679]&\$[-3.39235]&\$[3.84107]&\$[6.85149]&
SAMPLE 3
NORMAL
\$[3.96878]&\$[5.4282]&\$[7.61688]&\$[4.70266]&\$[5.4888]&
TREATED
\$[18.4633]&\$[-8.88068]&\$[4.87307]&\$[-6.76803]&\$[5.28232]&
SAMPLE 4
NORMAL
\$[1.69476]&\$[-3.92138]&\$[-1.35286]&\$[2.1578]&\$[6.03507]&
TREATED
\$[-1.2669]&\$[-0.238205]&\$[-3.27155]&\$[-1.29733]&\$[5.69604]&
SAMPLE 5
NORMAL
\$[3.81431]&\$[11.9767]&\$[3.54504]&\$[4.6953]&\$[10.3803]&
TREATED
\$[5.21564]&\$[-6.41486]&\$[-8.8392]&\$[4.06504]&\$[-2.80769]&
SAMPLE 6
NORMAL
\$[4.24775]&\$[3.67657]&\$[2.26021]&\$[4.87728]&\$[4.8462]&
TREATED
\$[-3.70454]&\$[-6.84748]&\$[1.82619]&\$[-7.93834]&\$[0.635589]&
SAMPLE 7
NORMAL
\$[6.82377]&\$[1.32692]&\$[14.3288]&\$[-2.00911]&\$[9.17496]&
TREATED
\$[-7.1134]&\$[3.12964]&\$[-4.47293]&\$[8.20239]&\$[-9.5801]&
SAMPLE 8
NORMAL
\$[12.1136]&\$[-0.615528]&\$[-3.47299]&\$[-3.20873]&\$[1.23046]&
TREATED
\$[-2.37162]&\$[6.03919]&\$[-1.03003]&\$[4.30679]&\$[1.50418]&
SAMPLE 9
NORMAL
\$[-23.9844]&\$[3.9343]&\$[0.957671]&\$[-5.50028]&\$[9.99437]&
TREATED
\$[10.3262]&\$[19.1141]&\$[7.98355]&\$[4.78581]&\$[-1.31185]&
SAMPLE 10
NORMAL
\$[0.485868]&\$[-6.95166]&\$[20.2386]&\$[21.1204]&\$[16.6584]&
TREATED
\$[13.5746]&\$[20.6873]&\$[-1.48033]&\$[4.61546]&\$[-12.8588]&

ME18B042
alpha = 0.00588807
FWER = 0.340137
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1

NORMAL
\$[2.3063]&,\$[3.94874]&,\$[13.5602]&,\$[17.6466]&,\$[-12.4714]&
TREATED
\$[6.78865]&,\$[2.1959]&,\$[-0.612124]&,\$[3.4615]&,\$[5.18398]&
SAMPLE 2
NORMAL
\$[10.157]&,\$[11.3885]&,\$[-3.01957]&,\$[1.71171]&,\$[8.92319]&
TREATED
\$[1.79061]&,\$[2.18967]&,\$[4.47]&,\$[4.78721]&,\$[2.60015]&
SAMPLE 3
NORMAL
\$[9.44266]&,\$[16.0151]&,\$[0.00986975]&,\$[9.25952]&,\$[5.17617]&
TREATED
\$[11.883]&,\$[-13.6326]&,\$[-7.80316]&,\$[2.64187]&,\$[13.2795]&
SAMPLE 4
NORMAL
\$[-10.4896]&,\$[2.24712]&,\$[1.71378]&,\$[9.9039]&,\$[-0.414642]&
TREATED
\$[-1.56816]&,\$[3.16849]&,\$[9.80331]&,\$[8.6007]&,\$[-7.97302]&
SAMPLE 5
NORMAL
\$[-3.47532]&,\$[2.58507]&,\$[1.61416]&,\$[4.03595]&,\$[4.48948]&
TREATED
\$[16.6335]&,\$[-9.31313]&,\$[10.5961]&,\$[6.53041]&,\$[4.8836]&
SAMPLE 6
NORMAL
\$[14.9199]&,\$[-13.4072]&,\$[-6.35033]&,\$[11.297]&,\$[-1.63878]&
TREATED
\$[2.33669]&,\$[2.01224]&,\$[4.87634]&,\$[4.92599]&,\$[9.15875]&
SAMPLE 7
NORMAL
\$[-2.01943]&,\$[-4.09704]&,\$[-3.77156]&,\$[2.95072]&,\$[-1.53472]&
TREATED
\$[5.18887]&,\$[5.95541]&,\$[15.8705]&,\$[9.11381]&,\$[2.99521]&
SAMPLE 8
NORMAL
\$[-6.14301]&,\$[0.822372]&,\$[-1.93986]&,\$[9.99372]&,\$[-8.86592]&
TREATED
\$[12.962]&,\$[-5.19201]&,\$[13.0332]&,\$[0.349476]&,\$[3.34197]&
SAMPLE 9
NORMAL
\$[3.39087]&,\$[-0.544]&,\$[-0.904558]&,\$[-2.83468]&,\$[-1.76288]&
TREATED
\$[-4.15972]&,\$[8.51297]&,\$[3.13251]&,\$[-3.9913]&,\$[6.80683]&
SAMPLE 10
NORMAL
\$[-11.4835]&,\$[20.6167]&,\$[9.50031]&,\$[15.667]&,\$[13.5722]&
TREATED
\$[-21.5919]&,\$[-6.91265]&,\$[-13.0641]&,\$[-15.2402]&,\$[16.1236]&

ME18B055
alpha = 0.02844
FWER = 0.360721

SAMPLE FOR TTEST : SAMPLE no. 6

SAMPLE 1

NORMAL

\$[6.71539]&\$[2.94127]&\$[-2.8282]&\$[-5.99633]&\$[4.73109]&

TREATED

\$[-2.1089]&\$[-4.71666]&\$[-1.32167]&\$[8.39316]&\$[10.3574]&

SAMPLE 2

NORMAL

\$[-1.86758]&\$[6.52947]&\$[7.52491]&\$[-1.99291]&\$[2.68472]&

TREATED

\$[6.88065]&\$[4.92201]&\$[5.98961]&\$[0.424517]&\$[2.38865]&

SAMPLE 3

NORMAL

\$[4.643]&\$[4.03232]&\$[3.85732]&\$[4.99292]&\$[-1.18984]&

TREATED

\$[6.64819]&\$[-0.681974]&\$[4.22057]&\$[-3.65666]&\$[-4.04494]&

SAMPLE 4

NORMAL

\$[4.51006]&\$[-6.61121]&\$[0.39691]&\$[4.09042]&\$[3.94233]&

TREATED

\$[0.869088]&\$[0.263732]&\$[4.75773]&\$[6.1382]&\$[1.01479]&

SAMPLE 5

NORMAL

\$[-7.86924]&\$[0.0500419]&\$[-4.60102]&\$[9.89915]&\$[14.294]&

TREATED

\$[3.00284]&\$[-2.81333]&\$[9.08107]&\$[2.04014]&\$[-3.80152]&

SAMPLE 6

NORMAL

\$[-10.5034]&\$[0.584729]&\$[4.53355]&\$[-15.1431]&\$[-2.10783]&

TREATED

\$[-4.33436]&\$[17.1117]&\$[8.18969]&\$[-14.9009]&\$[0.687314]&

SAMPLE 7

NORMAL

\$[-12.7777]&\$[-9.11201]&\$[0.247376]&\$[13.128]&\$[3.09893]&

TREATED

\$[6.20104]&\$[23.0556]&\$[18.0133]&\$[3.43571]&\$[0.938157]&

SAMPLE 8

NORMAL

\$[-10.8893]&\$[9.85117]&\$[-4.66886]&\$[2.57021]&\$[1.23197]&

TREATED

\$[4.5719]&\$[2.25551]&\$[-4.15047]&\$[1.11824]&\$[-5.43104]&

SAMPLE 9

NORMAL

\$[8.49606]&\$[-3.93209]&\$[-5.80759]&\$[4.57258]&\$[5.41823]&

TREATED

\$[5.64896]&\$[7.75676]&\$[-3.88595]&\$[8.23728]&\$[12.6583]&

SAMPLE 10

NORMAL

\$[8.45554]&\$[-0.413814]&\$[10.1084]&\$[3.81181]&\$[1.0408]&

TREATED

\$[5.07596]&\$[-1.71708]&\$[13.2184]&\$[9.63139]&\$[0.144386]&

ME18B079

alpha = 0.0354962
FWER = 0.345371
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[3.60947]&,\$[13.7094]&,\$[3.17671]&,\$[17.4974]&,\$[-0.898548]&
TREATED
\$[-6.24614]&,\$[6.1107]&,\$[4.01846]&,\$[-4.37849]&,\$[-0.809254]&
SAMPLE 2
NORMAL
\$[-4.31311]&,\$[15.5749]&,\$[5.23012]&,\$[-19.0005]&,\$[1.74414]&
TREATED
\$[-1.93111]&,\$[2.0439]&,\$[2.39785]&,\$[2.77716]&,\$[7.4989]&
SAMPLE 3
NORMAL
\$[-10.1634]&,\$[1.43904]&,\$[-0.347331]&,\$[-2.81773]&,\$[12.5013]&
TREATED
\$[-3.90728]&,\$[-6.38175]&,\$[-5.7745]&,\$[9.87014]&,\$[6.01083]&
SAMPLE 4
NORMAL
\$[9.68011]&,\$[-9.69713]&,\$[13.1913]&,\$[12.5934]&,\$[7.74129]&
TREATED
\$[7.34496]&,\$[12.0197]&,\$[5.1514]&,\$[9.30486]&,\$[5.90543]&
SAMPLE 5
NORMAL
\$[3.38755]&,\$[4.27672]&,\$[3.95962]&,\$[3.03147]&,\$[4.92636]&
TREATED
\$[7.93515]&,\$[5.23574]&,\$[4.38754]&,\$[8.73924]&,\$[1.31571]&
SAMPLE 6
NORMAL
\$[10.7959]&,\$[2.61439]&,\$[-2.76024]&,\$[-5.07381]&,\$[-9.55034]&
TREATED
\$[0.776239]&,\$[4.59688]&,\$[0.495137]&,\$[-8.0327]&,\$[2.09219]&
SAMPLE 7
NORMAL
\$[-9.39335]&,\$[-2.8986]&,\$[1.65929]&,\$[1.10968]&,\$[16.8244]&
TREATED
\$[6.96791]&,\$[8.08253]&,\$[0.007696]&,\$[6.10338]&,\$[4.07586]&
SAMPLE 8
NORMAL
\$[10.5741]&,\$[5.07825]&,\$[-1.35774]&,\$[-0.573382]&,\$[-5.68076]&
TREATED
\$[-3.56047]&,\$[-0.194647]&,\$[0.112552]&,\$[5.0615]&,\$[5.28966]&
SAMPLE 9
NORMAL
\$[13.4639]&,\$[5.16469]&,\$[2.50524]&,\$[5.02184]&,\$[-14.4665]&
TREATED
\$[-0.587402]&,\$[12.8993]&,\$[14.7069]&,\$[13.1893]&,\$[-1.69739]&
SAMPLE 10
NORMAL
\$[12.197]&,\$[1.31682]&,\$[4.81288]&,\$[7.06159]&,\$[9.04287]&
TREATED
\$[-9.34252]&,\$[5.74061]&,\$[18.6016]&,\$[0.291155]&,\$[3.82417]&

ME18B087

alpha = 0.0156319

FWER = 0.276337

SAMPLE FOR TTEST : SAMPLE no. 5

SAMPLE 1

NORMAL

\$[9.21677]&\$[4.14032]&\$[-2.06947]&\$[1.43337]&\$[6.49123]&

TREATED

\$[13.7049]&\$[10.8166]&\$[14.4826]&\$[6.2686]&\$[5.71444]&

SAMPLE 2

NORMAL

\$[-5.80949]&\$[-4.81522]&\$[0.354435]&\$[0.498294]&\$[6.38645]&

TREATED

\$[5.33292]&\$[-0.761168]&\$[14.8978]&\$[-5.49151]&\$[8.59261]&

SAMPLE 3

NORMAL

\$[17.9523]&\$[11.8852]&\$[22.4491]&\$[-0.689969]&\$[9.1567]&

TREATED

\$[1.03133]&\$[2.69427]&\$[5.62156]&\$[-1.70185]&\$[-1.02197]&

SAMPLE 4

NORMAL

\$[9.23507]&\$[-1.40683]&\$[20.0477]&\$[-3.22763]&\$[-4.8925]&

TREATED

\$[1.04376]&\$[5.7814]&\$[5.9263]&\$[-3.90481]&\$[3.53856]&

SAMPLE 5

NORMAL

\$[-0.304243]&\$[3.99793]&\$[11.3791]&\$[8.70955]&\$[8.44949]&

TREATED

\$[7.61898]&\$[-4.84027]&\$[1.74498]&\$[12.638]&\$[-1.885]&

SAMPLE 6

NORMAL

\$[8.91166]&\$[-11.8841]&\$[3.2969]&\$[1.34082]&\$[-3.55295]&

TREATED

\$[7.71142]&\$[4.56754]&\$[-24.0304]&\$[7.04651]&\$[-11.8167]&

SAMPLE 7

NORMAL

\$[8.12433]&\$[2.15495]&\$[6.2684]&\$[2.50268]&\$[17.1718]&

TREATED

\$[7.16759]&\$[0.292848]&\$[5.92513]&\$[6.64928]&\$[-15.7265]&

SAMPLE 8

NORMAL

\$[21.6198]&\$[5.48755]&\$[-15.695]&\$[8.35893]&\$[6.66601]&

TREATED

\$[12.6114]&\$[-7.48151]&\$[-3.31222]&\$[-11.3019]&\$[11.6819]&

SAMPLE 9

NORMAL

\$[-4.97475]&\$[15.589]&\$[0.317472]&\$[-2.14345]&\$[7.41594]&

TREATED

\$[-0.139188]&\$[5.41222]&\$[10.6759]&\$[-2.91362]&\$[-7.32672]&

SAMPLE 10

NORMAL

\$[1.74875]&\$[0.53149]&\$[6.68144]&\$[5.74368]&\$[3.83339]&

TREATED

[\$16.3955]&,\$[10.3329]&,\$[2.92217]&,\$[4.19846]&,\$[-5.77114]&

ME18B102

alpha = 0.0336888

FWER = 0.31866

SAMPLE FOR TTEST : SAMPLE no. 1

SAMPLE 1

NORMAL

\$[13.0887]&,\$[-14.9733]&,\$[0.0140415]&,\$[15.7645]&,\$[3.27829]&

TREATED

\$[0.0086106]&,\$[-2.09446]&,\$[1.39503]&,\$[5.74728]&,\$[-1.47149]&

SAMPLE 2

NORMAL

\$[-3.58052]&,\$[6.55115]&,\$[7.49979]&,\$[0.261586]&,\$[3.24373]&

TREATED

\$[-6.38356]&,\$[3.86584]&,\$[18.1444]&,\$[18.3917]&,\$[5.22552]&

SAMPLE 3

NORMAL

\$[-3.29922]&,\$[3.69395]&,\$[-5.17418]&,\$[6.75111]&,\$[2.16819]&

TREATED

\$[-7.23014]&,\$[7.22484]&,\$[-2.45632]&,\$[0.339819]&,\$[-6.92275]&

SAMPLE 4

NORMAL

\$[3.98312]&,\$[3.60973]&,\$[2.88584]&,\$[-8.72676]&,\$[-5.06261]&

TREATED

\$[-1.13029]&,\$[5.58493]&,\$[7.97322]&,\$[0.169532]&,\$[3.68092]&

SAMPLE 5

NORMAL

\$[-16.275]&,\$[-1.87969]&,\$[1.99111]&,\$[0.282356]&,\$[-1.74331]&

TREATED

\$[-3.40109]&,\$[14.8659]&,\$[5.21568]&,\$[-7.05496]&,\$[-17.9575]&

SAMPLE 6

NORMAL

\$[-6.28221]&,\$[2.16367]&,\$[5.45659]&,\$[5.96858]&,\$[4.14632]&

TREATED

\$[3.92004]&,\$[-6.78191]&,\$[1.02852]&,\$[5.90345]&,\$[4.74276]&

SAMPLE 7

NORMAL

\$[0.125672]&,\$[8.70407]&,\$[6.29813]&,\$[2.97961]&,\$[2.08752]&

TREATED

\$[11.4434]&,\$[-9.3145]&,\$[-2.37501]&,\$[6.06823]&,\$[15.3886]&

SAMPLE 8

NORMAL

\$[-9.67986]&,\$[6.71795]&,\$[2.72472]&,\$[-5.22787]&,\$[9.20393]&

TREATED

\$[8.04436]&,\$[1.17969]&,\$[9.58205]&,\$[13.4497]&,\$[-6.87838]&

SAMPLE 9

NORMAL

\$[-2.8691]&,\$[4.9358]&,\$[18.6964]&,\$[10.1094]&,\$[-6.15283]&

TREATED

\$[9.97056]&,\$[4.36915]&,\$[2.85369]&,\$[-2.77343]&,\$[-0.124924]&

SAMPLE 10

NORMAL

\$[11.16]&\$[10.272]&\$[7.76043]&\$[2.65988]&\$[6.26208]&
TREATED
\$[1.17529]&\$[-6.96318]&\$[3.28911]&\$[-3.43321]&\$[6.47703]&

ME18B103

alpha = 0.0126555

FWER = 0.282129

SAMPLE FOR TTEST : SAMPLE no. 2

SAMPLE 1

NORMAL

\$[0.177084]&\$[2.05801]&\$[13.6977]&\$[0.887513]&\$[5.65688]&
TREATED

\$[8.78099]&\$[6.04431]&\$[8.35201]&\$[5.31164]&\$[8.15106]&

SAMPLE 2

NORMAL

\$[-3.38136]&\$[9.19]&\$[-4.32582]&\$[5.98446]&\$[5.2643]&

TREATED

\$[-1.38932]&\$[-5.18342]&\$[-10.5525]&\$[3.74661]&\$[8.5717]&

SAMPLE 3

NORMAL

\$[-1.51684]&\$[-5.79908]&\$[-2.17842]&\$[5.62878]&\$[0.188571]&
TREATED

\$[-2.78149]&\$[1.39341]&\$[5.47749]&\$[5.26911]&\$[-0.380022]&

SAMPLE 4

NORMAL

\$[19.0296]&\$[-7.00959]&\$[-10.3056]&\$[5.76761]&\$[19.9837]&
TREATED

\$[9.45907]&\$[5.98586]&\$[-2.38984]&\$[-0.117181]&\$[8.82485]&

SAMPLE 5

NORMAL

\$[0.121906]&\$[0.276719]&\$[-7.1142]&\$[5.53229]&\$[-2.82864]&
TREATED

\$[11.2167]&\$[3.8208]&\$[-0.687639]&\$[11.9538]&\$[-0.871108]&

SAMPLE 6

NORMAL

\$[13.9148]&\$[3.22352]&\$[-3.89297]&\$[-1.01681]&\$[1.88391]&
TREATED

\$[3.03006]&\$[3.86542]&\$[2.71219]&\$[6.29829]&\$[4.42534]&

SAMPLE 7

NORMAL

\$[5.76286]&\$[5.72629]&\$[7.81031]&\$[5.67799]&\$[8.58609]&
TREATED

\$[0.762636]&\$[2.35329]&\$[5.14803]&\$[-3.14686]&\$[4.77007]&

SAMPLE 8

NORMAL

\$[6.53801]&\$[-0.941269]&\$[0.903706]&\$[0.318003]&\$[0.970955]&
TREATED

\$[1.51089]&\$[-0.208047]&\$[3.49224]&\$[1.80988]&\$[1.30844]&

SAMPLE 9

NORMAL

\$[-15.2259]&\$[-5.27141]&\$[-0.524052]&\$[-2.36173]&\$[7.41198]&

TREATED

\$[3.98105]&\$[5.20523]&\$[6.2646]&\$[-7.99403]&\$[-0.883297]&

SAMPLE 10

NORMAL

\$[-17.6524]&\$[-18.392]&\$[-23.7561]&\$[-0.501156]&\$[-5.59385]&
TREATED
\$[15.9894]&\$[9.68096]&\$[0.466729]&\$[9.34222]&\$[-0.646689]&

ME18B105

alpha = 0.0158846

FWER = 0.375367

SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1

NORMAL

\$[19.8368]&\$[-6.90651]&\$[2.06274]&\$[-4.89926]&\$[-0.168756]&
TREATED

\$[3.96122]&\$[8.05647]&\$[-11.0361]&\$[-0.370989]&\$[8.61649]&
SAMPLE 2

NORMAL

\$[5.64823]&\$[5.20778]&\$[-4.08774]&\$[5.92762]&\$[-1.56224]&
TREATED

\$[-3.01944]&\$[3.80954]&\$[1.03139]&\$[2.30824]&\$[-0.28902]&
SAMPLE 3

NORMAL

\$[5.53749]&\$[-8.10339]&\$[7.07106]&\$[9.92788]&\$[-15.9655]&
TREATED

\$[-4.14578]&\$[2.93582]&\$[0.0868661]&\$[-7.70991]&\$[-5.35466]&
SAMPLE 4

NORMAL

\$[-3.01863]&\$[-18.8423]&\$[10.1099]&\$[1.8655]&\$[-3.60573]&
TREATED

\$[5.32521]&\$[-11.4176]&\$[-0.151324]&\$[5.68186]&\$[6.27013]&
SAMPLE 5

NORMAL

\$[5.79244]&\$[6.36923]&\$[2.90575]&\$[27.4417]&\$[6.34091]&
TREATED

\$[-16.3305]&\$[1.49046]&\$[8.62059]&\$[-9.95305]&\$[-6.27341]&
SAMPLE 6

NORMAL

\$[5.16435]&\$[0.297252]&\$[6.21019]&\$[7.04015]&\$[7.43861]&
TREATED

\$[-4.11351]&\$[-3.50323]&\$[6.05292]&\$[-3.89222]&\$[-9.35002]&
SAMPLE 7

NORMAL

\$[0.866694]&\$[4.95427]&\$[-8.03151]&\$[-9.29536]&\$[-2.75705]&
TREATED

\$[23.2382]&\$[2.18536]&\$[5.20365]&\$[-2.77585]&\$[14.3013]&
SAMPLE 8

NORMAL

\$[1.66753]&\$[2.3553]&\$[0.817117]&\$[0.373083]&\$[0.317284]&
TREATED

\$[0.106875]&\$[7.31473]&\$[10.5961]&\$[25.7215]&\$[-3.9481]&
SAMPLE 9

NORMAL

\$[-1.60785]&\$[4.08829]&\$[1.187]&\$[-0.725233]&\$[-1.29615]&

TREATED
\$[-0.725952]&\$[-1.63843]&\$[3.67526]&\$[6.77671]&\$[-2.35271]&
SAMPLE 10
NORMAL
\$[2.68079]&\$[-1.86908]&\$[-1.19142]&\$[6.35181]&\$[-3.4901]&
TREATED
\$[-3.21707]&\$[4.37657]&\$[5.39913]&\$[-1.95887]&\$[7.46548]&

ME18B106
alpha = 0.023781
FWER = 0.342996
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[5.78784]&\$[-10.9787]&\$[6.5625]&\$[-1.14972]&\$[-4.59306]&
TREATED
\$[10.8521]&\$[13.9954]&\$[19.9043]&\$[13.5386]&\$[0.121765]&
SAMPLE 2
NORMAL
\$[15.4812]&\$[-4.81493]&\$[2.86749]&\$[11.4793]&\$[0.706748]&
TREATED
\$[-7.35732]&\$[3.81117]&\$[-3.68521]&\$[-11.5353]&\$[-2.85901]&
SAMPLE 3
NORMAL
\$[15.2154]&\$[-19.4128]&\$[13.5158]&\$[16.2113]&\$[-9.82484]&
TREATED
\$[7.44087]&\$[-5.47464]&\$[-0.2493]&\$[18.2107]&\$[15.3504]&
SAMPLE 4
NORMAL
\$[12.1832]&\$[7.32762]&\$[-7.09983]&\$[3.07339]&\$[-13.832]&
TREATED
\$[5.02675]&\$[12.3956]&\$[-12.1805]&\$[-5.25165]&\$[5.45791]&
SAMPLE 5
NORMAL
\$[-3.83766]&\$[6.03656]&\$[-5.81141]&\$[-3.36335]&\$[4.17788]&
TREATED
\$[4.11284]&\$[12.518]&\$[1.63983]&\$[2.52284]&\$[-1.01137]&
SAMPLE 6
NORMAL
\$[9.75643]&\$[4.93309]&\$[3.28062]&\$[-3.13148]&\$[6.40843]&
TREATED
\$[-3.73749]&\$[-4.03059]&\$[6.51626]&\$[-0.104031]&\$[6.38407]&
SAMPLE 7
NORMAL
\$[1.96172]&\$[10.4617]&\$[6.22623]&\$[5.06621]&\$[6.8992]&
TREATED
\$[-12.2119]&\$[10.1826]&\$[6.71914]&\$[14.3736]&\$[-2.97436]&
SAMPLE 8
NORMAL
\$[3.27965]&\$[1.97399]&\$[7.83599]&\$[0.171101]&\$[1.75263]&
TREATED
\$[3.98039]&\$[2.71457]&\$[-0.57147]&\$[1.40758]&\$[1.70482]&
SAMPLE 9

NORMAL
\$[-7.85861]&\$[-0.281208]&\$[-2.52045]&\$[3.18829]&\$[7.09767]&
TREATED
\$[4.89536]&\$[-1.04365]&\$[-0.657035]&\$[-3.1393]&\$[-2.5266]&
SAMPLE 10
NORMAL
\$[21.6946]&\$[4.04656]&\$[10.9851]&\$[3.98483]&\$[-10.6505]&
TREATED
\$[-8.57818]&\$[11.7084]&\$[8.7807]&\$[-5.7739]&\$[3.92837]&

ME18B108
alpha = 0.0234786
FWER = 0.216047
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[2.68121]&\$[-0.923458]&\$[3.14402]&\$[-0.0495391]&\$[-1.59656]&
TREATED
\$[-1.47321]&\$[7.96057]&\$[-6.64828]&\$[-6.24112]&\$[-9.54025]&
SAMPLE 2
NORMAL
\$[4.6277]&\$[-1.76941]&\$[-1.84381]&\$[1.44269]&\$[2.91768]&
TREATED
\$[2.73913]&\$[-0.94232]&\$[1.58518]&\$[-0.64491]&\$[-3.92217]&
SAMPLE 3
NORMAL
\$[9.15199]&\$[3.79576]&\$[6.73691]&\$[4.75938]&\$[-4.67631]&
TREATED
\$[0.744136]&\$[7.33892]&\$[-5.49689]&\$[5.92427]&\$[8.93805]&
SAMPLE 4
NORMAL
\$[3.13886]&\$[4.07366]&\$[-3.48207]&\$[15.1558]&\$[2.32009]&
TREATED
\$[13.973]&\$[-4.75712]&\$[8.20629]&\$[8.68144]&\$[-4.42856]&
SAMPLE 5
NORMAL
\$[-1.91673]&\$[-0.558461]&\$[15.442]&\$[-0.940562]&\$[3.2363]&
TREATED
\$[-0.058728]&\$[24.2434]&\$[-0.334135]&\$[12.2367]&\$[-15.8032]&
SAMPLE 6
NORMAL
\$[9.03313]&\$[11.6706]&\$[-0.288838]&\$[7.66405]&\$[1.13027]&
TREATED
\$[0.027216]&\$[-3.88652]&\$[-2.81645]&\$[-2.99535]&\$[0.73287]&
SAMPLE 7
NORMAL
\$[-0.980466]&\$[7.95592]&\$[-1.19709]&\$[2.88651]&\$[-4.02244]&
TREATED
\$[12.9449]&\$[11.8624]&\$[3.08297]&\$[8.08521]&\$[6.36718]&
SAMPLE 8
NORMAL
\$[1.864]&\$[8.40506]&\$[3.73368]&\$[1.75214]&\$[-0.846751]&
TREATED

\$[-0.144351]&\$[-4.52246]&\$[1.24773]&\$[3.29933]&\$[1.36863]&
SAMPLE 9
NORMAL
\$[-3.29875]&\$[9.43102]&\$[-13.1251]&\$[9.26543]&\$[-2.83423]&
TREATED
\$[-6.2843]&\$[-2.63627]&\$[-1.62526]&\$[-1.29988]&\$[20.0839]&
SAMPLE 10
NORMAL
\$[3.74145]&\$[4.92285]&\$[4.3943]&\$[5.49871]&\$[6.85932]&
TREATED
\$[3.33468]&\$[8.18038]&\$[2.49811]&\$[-0.762463]&\$[3.99281]&

ME18B109
alpha = 0.0135073
FWER = 0.245345
SAMPLE FOR TTEST : SAMPLE no. 6

SAMPLE 1
NORMAL
\$[2.52536]&\$[0.163774]&\$[4.21023]&\$[0.450042]&\$[3.66597]&
TREATED
\$[-3.00284]&\$[12.7564]&\$[4.2358]&\$[6.07976]&\$[9.86189]&
SAMPLE 2
NORMAL
\$[0.288197]&\$[9.93616]&\$[3.31976]&\$[6.67496]&\$[7.68113]&
TREATED
\$[12.1884]&\$[1.08729]&\$[-3.13674]&\$[-1.62422]&\$[-14.5873]&
SAMPLE 3
NORMAL
\$[6.07892]&\$[-6.68934]&\$[-0.636169]&\$[6.56611]&\$[5.96475]&
TREATED
\$[-3.26438]&\$[2.59241]&\$[-7.27102]&\$[-3.68441]&\$[-7.49904]&
SAMPLE 4
NORMAL
\$[-2.34813]&\$[-2.6901]&\$[-3.28416]&\$[7.48791]&\$[7.77259]&
TREATED
\$[5.55358]&\$[7.69064]&\$[-6.40569]&\$[13.4836]&\$[0.986816]&
SAMPLE 5
NORMAL
\$[1.85405]&\$[4.02218]&\$[2.2457]&\$[1.34367]&\$[1.21703]&
TREATED
\$[8.04152]&\$[3.64021]&\$[-5.87088]&\$[2.06464]&\$[-3.37356]&
SAMPLE 6
NORMAL
\$[7.16431]&\$[5.8616]&\$[7.6016]&\$[4.89441]&\$[2.41831]&
TREATED
\$[10.2481]&\$[3.66912]&\$[-5.82126]&\$[11.845]&\$[6.62021]&
SAMPLE 7
NORMAL
\$[2.20011]&\$[7.54642]&\$[8.92993]&\$[-5.90039]&\$[-0.31604]&
TREATED
\$[27.774]&\$[13.9932]&\$[11.2455]&\$[-9.83855]&\$[5.51071]&
SAMPLE 8
NORMAL

\$[-1.14123]&,\$[12.7682]&,\$[4.35656]&,\$[12.1819]&,\$[3.56582]&
TREATED
\$[5.93641]&,\$[0.218237]&,\$[7.69074]&,\$[9.65458]&,\$[7.11424]&
SAMPLE 9
NORMAL
\$[3.65047]&,\$[-11.5982]&,\$[-2.48272]&,\$[-2.13008]&,\$[-7.5008]&
TREATED
\$[12.4922]&,\$[-10.3959]&,\$[13.2511]&,\$[4.64042]&,\$[2.81574]&
SAMPLE 10
NORMAL
\$[-1.54282]&,\$[2.89287]&,\$[1.01487]&,\$[1.6912]&,\$[1.90844]&
TREATED
\$[0.870642]&,\$[-9.20189]&,\$[5.78876]&,\$[8.80315]&,\$[2.79434]&

ME18B112
alpha = 0.0395194
FWER = 0.206096
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[24.2285]&,\$[0.984759]&,\$[5.91557]&,\$[5.94846]&,\$[-9.04353]&
TREATED
\$[0.767248]&,\$[-0.360363]&,\$[-1.71221]&,\$[14.6468]&,\$[-12.1661]&
SAMPLE 2
NORMAL
\$[4.29859]&,\$[8.13108]&,\$[1.08605]&,\$[-4.03736]&,\$[-8.58454]&
TREATED
\$[7.56438]&,\$[-1.13925]&,\$[4.39061]&,\$[-6.47094]&,\$[4.86707]&
SAMPLE 3
NORMAL
\$[8.08586]&,\$[7.428]&,\$[6.67121]&,\$[5.6339]&,\$[9.81621]&
TREATED
\$[3.55105]&,\$[-4.15147]&,\$[-6.90384]&,\$[1.03401]&,\$[7.45995]&
SAMPLE 4
NORMAL
\$[2.33238]&,\$[-3.62331]&,\$[-8.13408]&,\$[1.28127]&,\$[12.6848]&
TREATED
\$[2.70137]&,\$[9.83847]&,\$[-6.16042]&,\$[-3.11683]&,\$[-4.99328]&
SAMPLE 5
NORMAL
\$[3.30649]&,\$[3.10076]&,\$[-0.153304]&,\$[2.57551]&,\$[4.26784]&
TREATED
\$[6.17866]&,\$[9.58081]&,\$[10.1446]&,\$[0.514224]&,\$[10.2616]&
SAMPLE 6
NORMAL
\$[13.3683]&,\$[7.77096]&,\$[2.60963]&,\$[10.3705]&,\$[6.99335]&
TREATED
\$[10.1766]&,\$[15.5094]&,\$[2.17796]&,\$[0.79342]&,\$[14.8493]&
SAMPLE 7
NORMAL
\$[-2.81153]&,\$[4.71573]&,\$[14.1115]&,\$[12.1047]&,\$[-8.35391]&
TREATED
\$[6.87353]&,\$[6.21111]&,\$[15.1147]&,\$[6.46417]&,\$[11.0128]&

SAMPLE 8

NORMAL

\$[3.10307]&,\$[-11.0042]&,\$[14.6937]&,\$[-3.71804]&,\$[2.77532]&

TREATED

\$[4.92871]&,\$[-1.53116]&,\$[-3.02757]&,\$[-3.36469]&,\$[-3.19273]&

SAMPLE 9

NORMAL

\$[6.37936]&,\$[3.4412]&,\$[1.03416]&,\$[10.3239]&,\$[1.44848]&

TREATED

\$[7.49996]&,\$[1.84439]&,\$[-2.48868]&,\$[9.85758]&,\$[4.93017]&

SAMPLE 10

NORMAL

\$[-2.34732]&,\$[4.44474]&,\$[3.64548]&,\$[-5.38821]&,\$[-0.181446]&

TREATED

\$[0.411153]&,\$[4.26768]&,\$[1.25171]&,\$[0.43942]&,\$[2.55557]&

ME18B122

alpha = 0.0339968

FWER = 0.240955

SAMPLE FOR TTEST : SAMPLE no. 3

SAMPLE 1

NORMAL

\$[6.93868]&,\$[-8.55574]&,\$[-3.10099]&,\$[-8.52027]&,\$[3.10262]&

TREATED

\$[6.0757]&,\$[0.519887]&,\$[19.8663]&,\$[-0.970745]&,\$[-5.51276]&

SAMPLE 2

NORMAL

\$[-3.05315]&,\$[9.68464]&,\$[4.53359]&,\$[2.06774]&,\$[1.86309]&

TREATED

\$[5.61964]&,\$[10.9159]&,\$[-2.6183]&,\$[10.6282]&,\$[2.31904]&

SAMPLE 3

NORMAL

\$[5.41347]&,\$[6.594]&,\$[5.19776]&,\$[5.1378]&,\$[1.66491]&

TREATED

\$[14.9438]&,\$[11.1456]&,\$[-6.78168]&,\$[1.70708]&,\$[-4.50665]&

SAMPLE 4

NORMAL

\$[0.49948]&,\$[-1.11519]&,\$[5.19874]&,\$[-1.15184]&,\$[3.00917]&

TREATED

\$[4.56221]&,\$[6.35156]&,\$[2.01162]&,\$[-3.90548]&,\$[9.15918]&

SAMPLE 5

NORMAL

\$[5.42323]&,\$[6.02385]&,\$[0.77681]&,\$[3.6796]&,\$[3.39433]&

TREATED

\$[4.51273]&,\$[3.55624]&,\$[14.6965]&,\$[15.9174]&,\$[34.01]&

SAMPLE 6

NORMAL

\$[1.29386]&,\$[19.8539]&,\$[0.923724]&,\$[-2.87675]&,\$[1.88696]&

TREATED

\$[-8.10441]&,\$[0.967532]&,\$[18.6331]&,\$[-4.06368]&,\$[-2.64557]&

SAMPLE 7

NORMAL

\$[6.34926]&,\$[2.03261]&,\$[4.13076]&,\$[12.5909]&,\$[4.85004]&

TREATED
\$[1.23677]&\$[9.84363]&\$[-0.238978]&\$[8.9856]&\$[1.73429]&
SAMPLE 8
NORMAL
\$[-3.37804]&\$[11.7576]&\$[11.4966]&\$[10.2711]&\$[3.14503]&
TREATED
\$[-7.07112]&\$[5.79685]&\$[17.136]&\$[3.2546]&\$[13.4099]&
SAMPLE 9
NORMAL
\$[-6.56193]&\$[-0.509228]&\$[6.95313]&\$[-8.44752]&\$[-3.27839]&
TREATED
\$[0.0587452]&\$[-2.69893]&\$[2.11056]&\$[5.03057]&\$[10.2963]&
SAMPLE 10
NORMAL
\$[7.22269]&\$[8.6326]&\$[3.21979]&\$[6.77755]&\$[-5.17199]&
TREATED
\$[4.49755]&\$[14.3582]&\$[4.84092]&\$[15.0575]&\$[4.08267]&

ME18B123
alpha = 0.0216348
FWER = 0.311749
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[4.88132]&\$[2.45695]&\$[-6.32661]&\$[3.11765]&\$[2.70721]&
TREATED
\$[6.73967]&\$[-10.0675]&\$[15.6482]&\$[-9.65373]&\$[19.3439]&
SAMPLE 2
NORMAL
\$[4.19039]&\$[11.1915]&\$[-3.46279]&\$[8.45621]&\$[6.36833]&
TREATED
\$[-4.34636]&\$[-5.13919]&\$[7.70464]&\$[0.864362]&\$[9.37751]&
SAMPLE 3
NORMAL
\$[-0.712011]&\$[3.33435]&\$[1.42451]&\$[0.789304]&\$[2.64123]&
TREATED
\$[8.61592]&\$[0.0737424]&\$[-0.292039]&\$[-9.72783]&\$[1.03319]&
SAMPLE 4
NORMAL
\$[0.413502]&\$[2.38588]&\$[2.19776]&\$[7.31854]&\$[-5.73552]&
TREATED
\$[5.80357]&\$[1.67123]&\$[13.948]&\$[1.99005]&\$[1.71147]&
SAMPLE 5
NORMAL
\$[3.07241]&\$[1.43292]&\$[-1.12794]&\$[-0.162996]&\$[-0.711231]&
TREATED
\$[0.04043]&\$[-6.66197]&\$[-0.508469]&\$[6.84977]&\$[-0.069716]&
SAMPLE 6
NORMAL
\$[4.26447]&\$[-2.00642]&\$[6.39514]&\$[1.32262]&\$[-1.91516]&
TREATED
\$[8.01048]&\$[12.4022]&\$[4.9579]&\$[11.1445]&\$[3.1523]&
SAMPLE 7

NORMAL
\$[15.7956]&\$[3.72179]&\$[-0.21885]&\$[-1.41129]&\$[10.3926]&
TREATED
\$[12.1148]&\$[6.28764]&\$[4.77824]&\$[-1.15678]&\$[10.0437]&
SAMPLE 8
NORMAL
\$[3.87049]&\$[-0.128676]&\$[4.9447]&\$[1.84805]&\$[5.95512]&
TREATED
\$[1.15577]&\$[-2.74503]&\$[2.80718]&\$[18.7423]&\$[-13.6728]&
SAMPLE 9
NORMAL
\$[6.09021]&\$[-1.7024]&\$[6.16353]&\$[-5.19641]&\$[0.206]&
TREATED
\$[-1.31396]&\$[-1.02422]&\$[-6.98257]&\$[4.80129]&\$[6.07174]&
SAMPLE 10
NORMAL
\$[-7.89299]&\$[-17.6674]&\$[1.40745]&\$[3.69535]&\$[1.94382]&
TREATED
\$[-0.428762]&\$[2.50442]&\$[4.42137]&\$[4.50688]&\$[-0.317189]&

ME18B126
alpha = 0.0265246
FWER = 0.301338
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[6.87835]&\$[6.17754]&\$[5.16199]&\$[2.35666]&\$[9.79558]&
TREATED
\$[-14.1783]&\$[5.00461]&\$[7.91399]&\$[9.74451]&\$[-9.03793]&
SAMPLE 2
NORMAL
\$[2.3373]&\$[2.6886]&\$[1.7052]&\$[3.52284]&\$[1.66799]&
TREATED
\$[8.04653]&\$[-1.59643]&\$[6.09248]&\$[-8.27716]&\$[11.1622]&
SAMPLE 3
NORMAL
\$[6.48909]&\$[6.55593]&\$[15.9859]&\$[12.3715]&\$[-11.0927]&
TREATED
\$[1.64007]&\$[1.67144]&\$[1.88906]&\$[1.55528]&\$[1.13066]&
SAMPLE 4
NORMAL
\$[1.76489]&\$[1.26302]&\$[5.23459]&\$[3.40776]&\$[4.76748]&
TREATED
\$[0.57919]&\$[5.21821]&\$[-2.68391]&\$[-0.250785]&\$[8.57839]&
SAMPLE 5
NORMAL
\$[3.89005]&\$[-3.9865]&\$[7.12091]&\$[3.6032]&\$[-2.13765]&
TREATED
\$[1.42112]&\$[-0.158463]&\$[1.09261]&\$[1.21987]&\$[0.753666]&
SAMPLE 6
NORMAL
\$[2.49653]&\$[-3.79339]&\$[4.12025]&\$[-1.35762]&\$[3.30414]&
TREATED

\$[10.4325]&\$[8.17419]&\$[-2.60978]&\$[0.832406]&\$[3.72603]&
SAMPLE 7
NORMAL
\$[-9.22875]&\$[-2.36905]&\$[9.83457]&\$[6.93703]&\$[5.45028]&
TREATED
\$[-19.3061]&\$[-21.6925]&\$[-4.01772]&\$[3.77396]&\$[-3.87065]&
SAMPLE 8
NORMAL
\$[0.518631]&\$[-9.26281]&\$[-8.87904]&\$[-5.69849]&\$[-10.2465]&
TREATED
\$[-7.81888]&\$[3.23002]&\$[-3.72771]&\$[-9.50659]&\$[8.3324]&
SAMPLE 9
NORMAL
\$[10.6199]&\$[6.14404]&\$[0.568213]&\$[14.7413]&\$[9.21667]&
TREATED
\$[1.42225]&\$[10.6265]&\$[-8.32792]&\$[0.306951]&\$[-4.51877]&
SAMPLE 10
NORMAL
\$[-0.00557902]&\$[-7.21383]&\$[7.18802]&\$[5.83168]&\$[-0.613492]&
TREATED
\$[6.68037]&\$[-0.0217642]&\$[4.79676]&\$[-2.79553]&\$[8.34126]&

ME18B129
alpha = 0.0180864
FWER = 0.388494
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[2.81136]&\$[10.2317]&\$[0.222988]&\$[1.53813]&\$[7.83514]&
TREATED
\$[4.13095]&\$[4.42184]&\$[1.60631]&\$[-3.44199]&\$[3.51718]&
SAMPLE 2
NORMAL
\$[3.15648]&\$[5.2186]&\$[7.6197]&\$[-3.8598]&\$[4.83537]&
TREATED
\$[9.53144]&\$[-0.64215]&\$[7.91723]&\$[0.763996]&\$[0.382546]&
SAMPLE 3
NORMAL
\$[-6.95088]&\$[9.01403]&\$[3.83952]&\$[3.08645]&\$[7.29846]&
TREATED
\$[0.500841]&\$[1.29818]&\$[14.755]&\$[3.02358]&\$[7.95541]&
SAMPLE 4
NORMAL
\$[-1.0787]&\$[-3.34902]&\$[3.07531]&\$[3.40712]&\$[7.12909]&
TREATED
\$[5.18212]&\$[-2.68338]&\$[9.88107]&\$[6.00293]&\$[3.76387]&
SAMPLE 5
NORMAL
\$[5.30572]&\$[0.85242]&\$[0.219539]&\$[6.70821]&\$[-0.224993]&
TREATED
\$[18.1072]&\$[3.61626]&\$[6.01304]&\$[9.53146]&\$[-0.828049]&
SAMPLE 6
NORMAL

\$[4.33335]&\$[5.23594]&\$[3.90644]&\$[1.08024]&\$[2.19466]&
TREATED
\$[0.948517]&\$[9.00857]&\$[3.52929]&\$[3.27983]&\$[-0.993857]&
SAMPLE 7
NORMAL
\$[6.75671]&\$[4.16729]&\$[-2.39127]&\$[1.70711]&\$[16.5733]&
TREATED
\$[1.83427]&\$[-1.62072]&\$[6.98242]&\$[2.22314]&\$[7.6888]&
SAMPLE 8
NORMAL
\$[8.84662]&\$[12.4705]&\$[-5.11799]&\$[-0.996263]&\$[2.57184]&
TREATED
\$[0.241485]&\$[-1.24138]&\$[0.697635]&\$[4.93666]&\$[1.99714]&
SAMPLE 9
NORMAL
\$[-3.17154]&\$[-5.81573]&\$[-2.97451]&\$[6.24516]&\$[1.53864]&
TREATED
\$[4.32606]&\$[3.69727]&\$[-2.61788]&\$[1.94081]&\$[14.7654]&
SAMPLE 10
NORMAL
\$[2.52306]&\$[6.32884]&\$[1.79188]&\$[3.07307]&\$[4.18997]&
TREATED
\$[-0.413568]&\$[-1.46227]&\$[19.1731]&\$[-0.362908]&\$[-3.02837]&

ME18B134
alpha = 0.0195455
FWER = 0.277644
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[5.13142]&\$[5.16491]&\$[17.7372]&\$[17.1013]&\$[-5.26348]&
TREATED
\$[-6.15322]&\$[6.17086]&\$[4.81054]&\$[11.7071]&\$[12.4746]&
SAMPLE 2
NORMAL
\$[17.9905]&\$[8.10025]&\$[15.7589]&\$[8.85906]&\$[5.93636]&
TREATED
\$[-1.03775]&\$[9.91182]&\$[2.52516]&\$[5.04004]&\$[-0.182501]&
SAMPLE 3
NORMAL
\$[7.54021]&\$[1.78691]&\$[2.77255]&\$[3.67582]&\$[9.87546]&
TREATED
\$[10.5633]&\$[4.27557]&\$[0.714526]&\$[15.2844]&\$[0.910259]&
SAMPLE 4
NORMAL
\$[-2.64426]&\$[2.05182]&\$[7.00043]&\$[9.34218]&\$[-0.761189]&
TREATED
\$[-1.78727]&\$[-1.93633]&\$[0.414285]&\$[2.97904]&\$[-0.70873]&
SAMPLE 5
NORMAL
\$[-2.71795]&\$[-0.309909]&\$[-1.18943]&\$[6.63318]&\$[-3.46016]&
TREATED
\$[-1.46992]&\$[-2.46221]&\$[-5.21776]&\$[-3.37825]&\$[-2.22691]&

SAMPLE 6
NORMAL
\$[-0.114955]&,\$[3.67155]&,\$[10.2665]&,\$[-10.3445]&,\$[-1.91098]&
TREATED
\$[8.8757]&,\$[5.73296]&,\$[4.9561]&,\$[7.20714]&,\$[2.98064]&
SAMPLE 7
NORMAL
\$[-6.50878]&,\$[4.81567]&,\$[-2.26857]&,\$[-13.0263]&,\$[10.0958]&
TREATED
\$[-3.88394]&,\$[6.95108]&,\$[4.09691]&,\$[5.02147]&,\$[4.91035]&
SAMPLE 8
NORMAL
\$[6.45365]&,\$[-13.7208]&,\$[1.25477]&,\$[7.78337]&,\$[4.23842]&
TREATED
\$[0.872786]&,\$[12.6458]&,\$[4.70022]&,\$[1.55041]&,\$[17.327]&
SAMPLE 9
NORMAL
\$[3.62643]&,\$[-4.62802]&,\$[11.3708]&,\$[13.8953]&,\$[9.92204]&
TREATED
\$[7.5423]&,\$[6.05624]&,\$[5.72068]&,\$[-11.2501]&,\$[-7.13145]&
SAMPLE 10
NORMAL
\$[-2.30187]&,\$[3.6717]&,\$[3.21202]&,\$[4.41967]&,\$[3.66774]&
TREATED
\$[-2.65207]&,\$[6.12352]&,\$[-10.1281]&,\$[-0.0280681]&,\$[4.36556]&

ME18B136
alpha = 0.0248563
FWER = 0.323381
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[-0.175287]&,\$[4.98769]&,\$[17.4245]&,\$[3.89746]&,\$[-2.90074]&
TREATED
\$[8.80199]&,\$[30.5291]&,\$[0.409844]&,\$[12.3337]&,\$[-3.19501]&
SAMPLE 2
NORMAL
\$[7.74607]&,\$[2.05154]&,\$[-4.4916]&,\$[0.267413]&,\$[3.99766]&
TREATED
\$[6.6373]&,\$[-3.07557]&,\$[4.52044]&,\$[-0.0539753]&,\$[7.72905]&
SAMPLE 3
NORMAL
\$[1.51815]&,\$[5.72031]&,\$[8.70948]&,\$[-3.13315]&,\$[2.15903]&
TREATED
\$[-1.9004]&,\$[3.75638]&,\$[-7.55325]&,\$[-0.983896]&,\$[0.22074]&
SAMPLE 4
NORMAL
\$[7.21511]&,\$[6.25185]&,\$[-3.59106]&,\$[4.76553]&,\$[-6.26961]&
TREATED
\$[5.84239]&,\$[3.26705]&,\$[1.86587]&,\$[28.9344]&,\$[-4.64223]&
SAMPLE 5
NORMAL
\$[0.564747]&,\$[-2.99749]&,\$[3.12712]&,\$[9.82126]&,\$[4.86879]&

TREATED
\$[1.50622]&\$[-8.63729]&\$[-2.85805]&\$[5.37498]&\$[3.96186]&
SAMPLE 6
NORMAL
\$[6.62424]&\$[2.31889]&\$[3.40402]&\$[9.71247]&\$[5.88513]&
TREATED
\$[16.9318]&\$[0.518579]&\$[7.16717]&\$[-8.34792]&\$[2.23982]&
SAMPLE 7
NORMAL
\$[29.271]&\$[6.01661]&\$[8.86138]&\$[3.51155]&\$[-5.63301]&
TREATED
\$[0.156925]&\$[12.865]&\$[3.032]&\$[0.803733]&\$[3.14424]&
SAMPLE 8
NORMAL
\$[-1.18675]&\$[9.63373]&\$[3.52179]&\$[-9.30701]&\$[1.87117]&
TREATED
\$[2.77815]&\$[-1.12615]&\$[4.2871]&\$[5.16547]&\$[2.93029]&
SAMPLE 9
NORMAL
\$[15.4613]&\$[9.13891]&\$[3.03668]&\$[-5.00489]&\$[-9.12695]&
TREATED
\$[6.85434]&\$[2.09196]&\$[-5.53337]&\$[-7.32795]&\$[12.7612]&
SAMPLE 10
NORMAL
\$[11.8624]&\$[-3.35273]&\$[0.538075]&\$[2.71076]&\$[-1.62116]&
TREATED
\$[-2.66082]&\$[14.397]&\$[-5.05626]&\$[1.09713]&\$[-0.697524]&

ME18B137
alpha = 0.0324543
FWER = 0.306986
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[4.66355]&\$[-9.69127]&\$[-1.01098]&\$[-10.0562]&\$[1.80842]&
TREATED
\$[5.58116]&\$[2.14655]&\$[-5.57555]&\$[-10.6656]&\$[-4.96684]&
SAMPLE 2
NORMAL
\$[2.35057]&\$[-3.60789]&\$[-2.18393]&\$[0.810792]&\$[-0.00376225]&
TREATED
\$[9.77031]&\$[-6.27016]&\$[7.98587]&\$[7.94946]&\$[-4.74041]&
SAMPLE 3
NORMAL
\$[10.1656]&\$[-9.26097]&\$[-8.48656]&\$[2.70265]&\$[6.30095]&
TREATED
\$[-3.72992]&\$[-6.14116]&\$[2.98268]&\$[-0.159575]&\$[5.7395]&
SAMPLE 4
NORMAL
\$[-0.405247]&\$[0.381322]&\$[1.74558]&\$[2.58567]&\$[8.42276]&
TREATED
\$[4.93625]&\$[2.49547]&\$[4.59399]&\$[0.310015]&\$[5.21774]&
SAMPLE 5

NORMAL
\$[4.07149]&\$[-14.0043]&\$[-14.3249]&\$[-5.15638]&\$[7.30166]&
TREATED
\$[3.49484]&\$[5.05079]&\$[4.25467]&\$[-2.97712]&\$[8.41201]&
SAMPLE 6
NORMAL
\$[-3.80506]&\$[-8.58988]&\$[6.40062]&\$[19.4412]&\$[-4.08116]&
TREATED
\$[-1.43249]&\$[-3.12967]&\$[15.4134]&\$[14.8813]&\$[-1.52669]&
SAMPLE 7
NORMAL
\$[2.57735]&\$[-2.15256]&\$[1.75537]&\$[0.567951]&\$[-1.96611]&
TREATED
\$[-6.50541]&\$[-0.0907799]&\$[3.42165]&\$[0.358636]&\$[-3.5012]&
SAMPLE 8
NORMAL
\$[9.15846]&\$[-3.62292]&\$[-2.46773]&\$[3.41493]&\$[1.39824]&
TREATED
\$[-14.725]&\$[4.22731]&\$[6.54873]&\$[8.87288]&\$[-1.36716]&
SAMPLE 9
NORMAL
\$[8.35973]&\$[-6.70615]&\$[4.19622]&\$[0.204276]&\$[3.9742]&
TREATED
\$[11.8563]&\$[-5.36485]&\$[4.7697]&\$[6.11825]&\$[10.8978]&
SAMPLE 10
NORMAL
\$[6.13519]&\$[-3.72811]&\$[-4.57678]&\$[6.60375]&\$[1.79884]&
TREATED
\$[7.48245]&\$[8.72596]&\$[-1.23534]&\$[0.95364]&\$[-0.439196]&

ME18B139
alpha = 0.029593
FWER = 0.351054
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[-1.60104]&\$[1.42532]&\$[-0.151762]&\$[5.27657]&\$[3.79604]&
TREATED
\$[-7.56296]&\$[-3.53809]&\$[-2.55085]&\$[16.2213]&\$[5.52436]&
SAMPLE 2
NORMAL
\$[12.4704]&\$[-21.3725]&\$[9.10933]&\$[-3.37311]&\$[-4.43162]&
TREATED
\$[5.8814]&\$[-9.93442]&\$[-7.61827]&\$[8.95523]&\$[-9.14155]&
SAMPLE 3
NORMAL
\$[5.23109]&\$[5.01033]&\$[-1.62337]&\$[2.37133]&\$[3.14337]&
TREATED
\$[11.2014]&\$[7.67303]&\$[2.78306]&\$[-0.983371]&\$[2.88865]&
SAMPLE 4
NORMAL
\$[11.7472]&\$[-4.65504]&\$[7.42451]&\$[-1.75305]&\$[-0.951556]&
TREATED

\$[-0.922909]&\$[-1.54493]&\$[-2.74755]&\$[4.07816]&\$[-1.99521]&
SAMPLE 5
NORMAL
\$[-0.897637]&\$[-12.271]&\$[1.72866]&\$[11.0494]&\$[-0.140898]&
TREATED
\$[-2.3113]&\$[-1.33939]&\$[8.70799]&\$[0.996069]&\$[7.60321]&
SAMPLE 6
NORMAL
\$[2.46391]&\$[-1.35493]&\$[3.93387]&\$[-0.284972]&\$[-1.94155]&
TREATED
\$[2.9023]&\$[5.14752]&\$[-1.03728]&\$[5.82487]&\$[0.93229]&
SAMPLE 7
NORMAL
\$[2.48891]&\$[1.82174]&\$[15.48]&\$[7.35678]&\$[7.30501]&
TREATED
\$[-5.16218]&\$[3.41013]&\$[-0.661073]&\$[17.0977]&\$[7.70819]&
SAMPLE 8
NORMAL
\$[-11.5547]&\$[0.721462]&\$[-3.71624]&\$[-4.32004]&\$[2.34464]&
TREATED
\$[5.26073]&\$[-3.43982]&\$[8.04849]&\$[5.49746]&\$[2.39178]&
SAMPLE 9
NORMAL
\$[3.09615]&\$[7.92044]&\$[2.81415]&\$[2.30598]&\$[4.55225]&
TREATED
\$[-1.47671]&\$[-9.98982]&\$[7.40669]&\$[-7.12168]&\$[19.0656]&
SAMPLE 10
NORMAL
\$[-4.13964]&\$[-9.69521]&\$[11.3463]&\$[1.35233]&\$[10.1247]&
TREATED
\$[5.45861]&\$[4.7166]&\$[0.357656]&\$[5.50584]&\$[4.24819]&

ME18B140
alpha = 0.0207755
FWER = 0.328784
SAMPLE FOR TTEST : SAMPLE no. 2
SAMPLE 1
NORMAL
\$[-8.02058]&\$[-5.10703]&\$[4.09503]&\$[2.5782]&\$[3.57562]&
TREATED
\$[7.34022]&\$[9.71342]&\$[-0.61394]&\$[6.40368]&\$[-0.592299]&
SAMPLE 2
NORMAL
\$[2.5918]&\$[5.77111]&\$[5.21304]&\$[5.18564]&\$[3.90168]&
TREATED
\$[-8.75629]&\$[9.994]&\$[-6.28046]&\$[10.9779]&\$[-14.0794]&
SAMPLE 3
NORMAL
\$[5.88609]&\$[-3.51666]&\$[11.1256]&\$[4.85997]&\$[5.81052]&
TREATED
\$[-0.691894]&\$[-3.62379]&\$[3.64027]&\$[7.59895]&\$[-5.20069]&
SAMPLE 4
NORMAL

\$[11.6739]&\$[5.31587]&\$[22.3418]&\$[15.5445]&\$[18.6135]&
TREATED
\$[2.64295]&\$[5.39377]&\$[-2.7301]&\$[3.68827]&\$[-8.85173]&
SAMPLE 5
NORMAL
\$[11.265]&\$[-8.02746]&\$[-4.45563]&\$[-10.7018]&\$[6.612]&
TREATED
\$[0.816405]&\$[10.7702]&\$[-0.869129]&\$[17.2465]&\$[-4.39251]&
SAMPLE 6
NORMAL
\$[-0.245225]&\$[-1.75865]&\$[-2.81906]&\$[10.6957]&\$[10.2678]&
TREATED
\$[3.41138]&\$[-6.32093]&\$[-0.264464]&\$[-3.5272]&\$[14.5473]&
SAMPLE 7
NORMAL
\$[-0.61198]&\$[2.76421]&\$[-0.890827]&\$[-12.7144]&\$[-6.1545]&
TREATED
\$[-2.90627]&\$[1.90999]&\$[-2.35615]&\$[-0.94447]&\$[-2.82627]&
SAMPLE 8
NORMAL
\$[-2.21438]&\$[0.676419]&\$[5.57461]&\$[-13.4411]&\$[5.76277]&
TREATED
\$[-1.7831]&\$[-1.66127]&\$[14.429]&\$[12.5873]&\$[-1.389]&
SAMPLE 9
NORMAL
\$[2.97006]&\$[2.66632]&\$[4.64828]&\$[-2.61788]&\$[4.2183]&
TREATED
\$[-2.97627]&\$[11.3104]&\$[3.4423]&\$[11.037]&\$[3.05736]&
SAMPLE 10
NORMAL
\$[0.0773698]&\$[18.7255]&\$[-7.41501]&\$[10.5596]&\$[9.40647]&
TREATED
\$[0.884847]&\$[4.25719]&\$[-1.44906]&\$[-0.263207]&\$[-2.01811]&

ME18B143
alpha = 0.0028195
FWER = 0.235744
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[2.1176]&\$[-7.37168]&\$[7.97919]&\$[-2.64162]&\$[4.53679]&
TREATED
\$[-2.24859]&\$[-10.0954]&\$[8.1809]&\$[23.5616]&\$[-9.83537]&
SAMPLE 2
NORMAL
\$[5.85055]&\$[4.12917]&\$[-1.55499]&\$[-0.283881]&\$[3.12396]&
TREATED
\$[-20.5259]&\$[7.99737]&\$[-3.50575]&\$[-0.276891]&\$[17.9574]&
SAMPLE 3
NORMAL
\$[8.17637]&\$[-0.205364]&\$[1.51758]&\$[7.87072]&\$[7.42924]&
TREATED
\$[-11.0437]&\$[-7.26843]&\$[-1.25359]&\$[6.31618]&\$[-0.0724508]&

SAMPLE 4
NORMAL
\$[-0.535159]&,\$[9.43907]&,\$[-10.5449]&,\$[-8.81898]&,\$[-7.52104]&
TREATED
\$[15.2763]&,\$[9.97227]&,\$[13.7597]&,\$[-1.57226]&,\$[1.27499]&
SAMPLE 5
NORMAL
\$[4.49123]&,\$[9.50925]&,\$[1.51078]&,\$[3.04358]&,\$[4.19324]&
TREATED
\$[2.46388]&,\$[10.3192]&,\$[13.0989]&,\$[0.0265553]&,\$[6.01514]&
SAMPLE 6
NORMAL
\$[4.83399]&,\$[3.52565]&,\$[3.28067]&,\$[1.04949]&,\$[2.87264]&
TREATED
\$[9.97046]&,\$[11.65]&,\$[0.829717]&,\$[18.8459]&,\$[3.04382]&
SAMPLE 7
NORMAL
\$[-5.86205]&,\$[-14.5474]&,\$[-8.83561]&,\$[-2.80401]&,\$[-2.30534]&
TREATED
\$[10.366]&,\$[10.5791]&,\$[0.314245]&,\$[2.68403]&,\$[5.01548]&
SAMPLE 8
NORMAL
\$[-6.47835]&,\$[7.30726]&,\$[-6.40453]&,\$[0.254825]&,\$[1.27124]&
TREATED
\$[0.348351]&,\$[6.06867]&,\$[-8.94446]&,\$[-2.54595]&,\$[-0.0427165]&
SAMPLE 9
NORMAL
\$[-0.235452]&,\$[-21.6271]&,\$[-0.62904]&,\$[10.1954]&,\$[-21.4277]&
TREATED
\$[10.5532]&,\$[12.7721]&,\$[-6.10637]&,\$[8.41433]&,\$[-12.0259]&
SAMPLE 10
NORMAL
\$[6.83562]&,\$[14.0067]&,\$[5.56685]&,\$[11.1772]&,\$[4.17385]&
TREATED
\$[-0.345495]&,\$[8.31908]&,\$[-3.8722]&,\$[1.25406]&,\$[1.67327]&

ME18B151
alpha = 0.038263
FWER = 0.288099
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[-0.416945]&,\$[7.42408]&,\$[4.73776]&,\$[-10.569]&,\$[-2.19841]&
TREATED
\$[6.93806]&,\$[-5.37761]&,\$[-6.02676]&,\$[6.33231]&,\$[3.68385]&
SAMPLE 2
NORMAL
\$[-0.576145]&,\$[7.99693]&,\$[5.17369]&,\$[-4.32198]&,\$[3.56181]&
TREATED
\$[16.2379]&,\$[12.1844]&,\$[-9.40836]&,\$[12.7823]&,\$[20.8162]&
SAMPLE 3
NORMAL
\$[3.71116]&,\$[10.0457]&,\$[8.19755]&,\$[3.24127]&,\$[-2.48887]&

TREATED
\$[3.50615]&\$[3.24206]&\$[8.21927]&\$[5.36935]&\$[7.32617]&
SAMPLE 4
NORMAL
\$[8.36661]&\$[-6.51639]&\$[-3.29356]&\$[15.0409]&\$[4.52038]&
TREATED
\$[5.68641]&\$[-8.24651]&\$[1.63079]&\$[12.4673]&\$[10.728]&
SAMPLE 5
NORMAL
\$[8.06935]&\$[-1.60416]&\$[-8.82955]&\$[0.118805]&\$[-18.6736]&
TREATED
\$[-6.40819]&\$[-3.48481]&\$[10.9155]&\$[-4.80375]&\$[-2.0368]&
SAMPLE 6
NORMAL
\$[-2.74063]&\$[-3.92123]&\$[5.42534]&\$[-10.3592]&\$[13.1216]&
TREATED
\$[5.41124]&\$[13.7818]&\$[11.9868]&\$[19.4584]&\$[16.0883]&
SAMPLE 7
NORMAL
\$[12.7455]&\$[9.86993]&\$[-6.06674]&\$[-11.85]&\$[5.44244]&
TREATED
\$[-0.475333]&\$[-5.47785]&\$[3.48545]&\$[4.02347]&\$[3.57384]&
SAMPLE 8
NORMAL
\$[0.798435]&\$[-2.28319]&\$[-3.5981]&\$[10.0007]&\$[3.48339]&
TREATED
\$[-2.3435]&\$[5.83213]&\$[19.029]&\$[-4.64334]&\$[-10.6163]&
SAMPLE 9
NORMAL
\$[-14.2728]&\$[-13.9732]&\$[9.40574]&\$[-3.12498]&\$[3.08622]&
TREATED
\$[-12.0034]&\$[-9.66102]&\$[-3.83975]&\$[4.67976]&\$[10.3056]&
SAMPLE 10
NORMAL
\$[-0.286371]&\$[1.42396]&\$[0.607268]&\$[1.10412]&\$[0.647789]&
TREATED
\$[-3.84455]&\$[-6.22886]&\$[-13.5293]&\$[2.30935]&\$[7.04597]&

ME18B153
alpha = 0.00342921
FWER = 0.327342
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[5.70982]&\$[9.82993]&\$[-0.733077]&\$[5.14161]&\$[1.17142]&
TREATED
\$[-1.46053]&\$[4.44975]&\$[-1.75415]&\$[10.476]&\$[3.51764]&
SAMPLE 2
NORMAL
\$[16.4244]&\$[-13.5246]&\$[-3.369]&\$[16.1242]&\$[1.70503]&
TREATED
\$[6.7918]&\$[3.87147]&\$[8.60528]&\$[6.46788]&\$[4.76033]&
SAMPLE 3

NORMAL
\$[1.7027]&\$[-7.82501]&\$[-7.34105]&\$[2.1181]&\$[-0.853661]&
TREATED
\$[2.22687]&\$[9.77729]&\$[4.96071]&\$[5.84682]&\$[-0.212031]&
SAMPLE 4
NORMAL
\$[-2.04305]&\$[-0.934093]&\$[-6.39034]&\$[-6.83855]&\$[7.8766]&
TREATED
\$[-1.72852]&\$[6.63272]&\$[2.92947]&\$[-3.51755]&\$[-4.52156]&
SAMPLE 5
NORMAL
\$[-2.32663]&\$[-15.4307]&\$[4.35719]&\$[6.44577]&\$[4.16624]&
TREATED
\$[13.1692]&\$[-3.31735]&\$[0.0855855]&\$[0.15508]&\$[7.1999]&
SAMPLE 6
NORMAL
\$[6.14127]&\$[3.74896]&\$[0.0874763]&\$[6.1572]&\$[3.76849]&
TREATED
\$[0.0834122]&\$[-4.64672]&\$[-4.69198]&\$[6.60429]&\$[1.50485]&
SAMPLE 7
NORMAL
\$[-0.728878]&\$[1.24954]&\$[2.84665]&\$[1.02299]&\$[2.55754]&
TREATED
\$[-1.17416]&\$[1.23866]&\$[4.94729]&\$[6.7116]&\$[-1.33003]&
SAMPLE 8
NORMAL
\$[-4.50925]&\$[0.229761]&\$[-16.5021]&\$[11.9476]&\$[-11.3145]&
TREATED
\$[-16.7445]&\$[-0.774717]&\$[-6.79739]&\$[10.0176]&\$[4.13118]&
SAMPLE 9
NORMAL
\$[15.8266]&\$[12.2846]&\$[9.77894]&\$[-0.600314]&\$[3.57517]&
TREATED
\$[-0.670508]&\$[6.42174]&\$[-1.13709]&\$[2.28423]&\$[-1.75276]&
SAMPLE 10
NORMAL
\$[-8.17554]&\$[16.8847]&\$[-3.34302]&\$[15.3495]&\$[13.7643]&
TREATED
\$[21.022]&\$[0.0855865]&\$[13.2293]&\$[8.01835]&\$[0.881337]&

ME18B154
alpha = 0.0434954
FWER = 0.289364
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[10.0976]&\$[-1.74722]&\$[0.32316]&\$[1.04771]&\$[-3.45164]&
TREATED
\$[0.570998]&\$[7.76429]&\$[3.83954]&\$[10.6005]&\$[1.69767]&
SAMPLE 2
NORMAL
\$[9.00907]&\$[7.51834]&\$[-2.21012]&\$[7.36816]&\$[4.98465]&
TREATED

\$[2.48356]&\$[-0.351913]&\$[2.34271]&\$[0.28936]&\$[1.42231]&
SAMPLE 3
NORMAL
\$[5.56571]&\$[-2.67513]&\$[4.46714]&\$[3.55969]&\$[7.94123]&
TREATED
\$[-15.2322]&\$[4.51828]&\$[-1.69838]&\$[-5.54567]&\$[7.25253]&
SAMPLE 4
NORMAL
\$[-10.4512]&\$[10.5943]&\$[-15.9651]&\$[7.31687]&\$[-7.64969]&
TREATED
\$[6.6299]&\$[-3.15334]&\$[4.12079]&\$[1.22825]&\$[4.61449]&
SAMPLE 5
NORMAL
\$[1.09901]&\$[-6.90366]&\$[4.46551]&\$[-2.67789]&\$[8.60004]&
TREATED
\$[8.92875]&\$[6.57428]&\$[3.56468]&\$[0.149151]&\$[5.36772]&
SAMPLE 6
NORMAL
\$[4.96087]&\$[-11.4833]&\$[8.95526]&\$[5.72017]&\$[17.0946]&
TREATED
\$[-8.46128]&\$[4.03473]&\$[-7.43834]&\$[1.076]&\$[-0.22557]&
SAMPLE 7
NORMAL
\$[1.22859]&\$[3.74586]&\$[1.53232]&\$[-10.6976]&\$[0.707187]&
TREATED
\$[-6.66496]&\$[10.9516]&\$[2.97561]&\$[-3.04324]&\$[9.2236]&
SAMPLE 8
NORMAL
\$[8.64377]&\$[4.7354]&\$[0.945014]&\$[3.44691]&\$[1.9433]&
TREATED
\$[6.09082]&\$[5.57346]&\$[-1.42545]&\$[-2.19916]&\$[7.89001]&
SAMPLE 9
NORMAL
\$[-14.8236]&\$[1.23614]&\$[-0.809583]&\$[6.40138]&\$[3.95383]&
TREATED
\$[9.24329]&\$[2.80476]&\$[-2.60014]&\$[-2.18721]&\$[-2.81125]&
SAMPLE 10
NORMAL
\$[-4.82059]&\$[-6.89201]&\$[-1.4193]&\$[6.52702]&\$[-6.30061]&
TREATED
\$[5.63732]&\$[-2.43486]&\$[0.218859]&\$[5.15659]&\$[7.13996]&

ME18B158
alpha = 0.0426403
FWER = 0.314521
SAMPLE FOR TTEST : SAMPLE no. 9
SAMPLE 1
NORMAL
\$[0.668361]&\$[16.8345]&\$[7.63695]&\$[-16.7252]&\$[19.3555]&
TREATED
\$[2.15537]&\$[2.40708]&\$[1.16588]&\$[-1.49666]&\$[2.74753]&
SAMPLE 2
NORMAL

\$[-0.0033345]&,\$[2.11998]&,\$[11.8823]&,\$[3.3914]&,\$[-1.11583]&
TREATED
\$[-3.74815]&,\$[3.40883]&,\$[11.5415]&,\$[-0.114842]&,\$[8.70747]&
SAMPLE 3
NORMAL
\$[12.621]&,\$[-0.878118]&,\$[6.07693]&,\$[10.4678]&,\$[3.32527]&
TREATED
\$[-0.763993]&,\$[10.1835]&,\$[5.19661]&,\$[2.27968]&,\$[-0.257872]&
SAMPLE 4
NORMAL
\$[17.7122]&,\$[-1.15557]&,\$[-7.39181]&,\$[-1.21709]&,\$[-10.2665]&
TREATED
\$[1.55168]&,\$[3.3231]&,\$[9.20568]&,\$[7.61874]&,\$[2.69769]&
SAMPLE 5
NORMAL
\$[-1.71325]&,\$[6.46345]&,\$[0.625857]&,\$[4.67219]&,\$[1.51451]&
TREATED
\$[-10.6226]&,\$[-8.77552]&,\$[-11.9091]&,\$[-14.6294]&,\$[2.65862]&
SAMPLE 6
NORMAL
\$[0.343547]&,\$[1.83651]&,\$[2.17741]&,\$[-0.554385]&,\$[-0.849146]&
TREATED
\$[8.12611]&,\$[-4.14567]&,\$[0.0725913]&,\$[-10.7394]&,\$[7.25074]&
SAMPLE 7
NORMAL
\$[1.54979]&,\$[-6.53089]&,\$[6.75879]&,\$[-6.63474]&,\$[13.4769]&
TREATED
\$[4.66592]&,\$[9.29282]&,\$[1.19934]&,\$[14.7179]&,\$[18.2432]&
SAMPLE 8
NORMAL
\$[1.53866]&,\$[7.61086]&,\$[-8.08445]&,\$[4.00297]&,\$[8.26344]&
TREATED
\$[12.6534]&,\$[-12.9806]&,\$[1.90161]&,\$[-4.83494]&,\$[2.74109]&
SAMPLE 9
NORMAL
\$[-0.443067]&,\$[19.4974]&,\$[10.9801]&,\$[8.00702]&,\$[8.82761]&
TREATED
\$[-1.25914]&,\$[9.2924]&,\$[8.61819]&,\$[-6.11074]&,\$[4.62969]&
SAMPLE 10
NORMAL
\$[-4.34858]&,\$[-3.8032]&,\$[-12.6484]&,\$[-7.90475]&,\$[5.42567]&
TREATED
\$[2.59902]&,\$[-17.228]&,\$[-6.68435]&,\$[-1.41712]&,\$[11.9489]&

ME18B159
alpha = 0.0179221
FWER = 0.382338
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[-8.99517]&,\$[-7.64477]&,\$[6.23718]&,\$[-1.66552]&,\$[3.57066]&
TREATED
\$[1.58084]&,\$[5.73753]&,\$[1.22919]&,\$[-0.485376]&,\$[1.45329]&

SAMPLE 2
NORMAL
\$[1.64018]&\$[-0.187833]&\$[10.1466]&\$[2.75029]&\$[0.745957]&
TREATED
\$[5.90811]&\$[17.185]&\$[0.223499]&\$[6.04786]&\$[9.36011]&
SAMPLE 3
NORMAL
\$[1.99501]&\$[4.21482]&\$[-1.94471]&\$[0.246985]&\$[-1.07906]&
TREATED
\$[3.32334]&\$[5.8962]&\$[0.895273]&\$[-0.185311]&\$[8.41463]&
SAMPLE 4
NORMAL
\$[3.36263]&\$[7.51777]&\$[9.33056]&\$[4.53242]&\$[3.42943]&
TREATED
\$[8.23061]&\$[4.74332]&\$[15.312]&\$[0.621937]&\$[-0.539256]&
SAMPLE 5
NORMAL
\$[23.9379]&\$[-1.02618]&\$[3.012]&\$[5.59642]&\$[7.33171]&
TREATED
\$[12.7202]&\$[6.72484]&\$[10.3037]&\$[4.89007]&\$[1.73286]&
SAMPLE 6
NORMAL
\$[3.5368]&\$[3.00998]&\$[8.11905]&\$[2.84136]&\$[3.59634]&
TREATED
\$[-14.9415]&\$[6.73331]&\$[5.49953]&\$[2.39401]&\$[-4.13036]&
SAMPLE 7
NORMAL
\$[3.69841]&\$[-8.58464]&\$[-6.72788]&\$[3.2513]&\$[-7.27997]&
TREATED
\$[-1.43818]&\$[-0.311965]&\$[-9.27976]&\$[-10.3283]&\$[6.21209]&
SAMPLE 8
NORMAL
\$[4.09364]&\$[7.28807]&\$[-4.37486]&\$[-2.28669]&\$[-4.32847]&
TREATED
\$[-4.42792]&\$[7.83867]&\$[13.0548]&\$[13.9993]&\$[7.58254]&
SAMPLE 9
NORMAL
\$[4.03889]&\$[6.50417]&\$[1.42287]&\$[7.45685]&\$[9.18957]&
TREATED
\$[1.09661]&\$[-5.20436]&\$[-4.59699]&\$[-1.43589]&\$[14.3153]&
SAMPLE 10
NORMAL
\$[7.25381]&\$[6.85307]&\$[-7.93379]&\$[4.9423]&\$[3.06424]&
TREATED
\$[1.22207]&\$[8.00006]&\$[4.22158]&\$[6.30973]&\$[-5.59651]&

ME18B160
alpha = 0.00651864
FWER = 0.344561
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[1.32334]&\$[6.18535]&\$[6.03417]&\$[-11.1213]&\$[11.797]&

TREATED
\$[11.7205]&\$[3.87253]&\$[-0.978096]&\$[5.98014]&\$[-3.32719]&
SAMPLE 2
NORMAL
\$[7.88186]&\$[9.82895]&\$[3.62645]&\$[-4.32612]&\$[-1.46602]&
TREATED
\$[0.570192]&\$[2.68388]&\$[3.98901]&\$[-0.112442]&\$[-1.79919]&
SAMPLE 3
NORMAL
\$[9.39294]&\$[1.93319]&\$[9.35057]&\$[-2.72432]&\$[-1.06608]&
TREATED
\$[-2.00839]&\$[7.65887]&\$[7.62895]&\$[22.3659]&\$[15.0947]&
SAMPLE 4
NORMAL
\$[1.06405]&\$[-0.444469]&\$[4.51552]&\$[3.87399]&\$[1.55197]&
TREATED
\$[11.6035]&\$[-1.56124]&\$[-4.53852]&\$[-3.39325]&\$[4.35021]&
SAMPLE 5
NORMAL
\$[-4.6678]&\$[4.24225]&\$[1.05801]&\$[0.46451]&\$[-2.50331]&
TREATED
\$[-1.82768]&\$[0.0316379]&\$[1.70199]&\$[-1.97863]&\$[-4.00969]&
SAMPLE 6
NORMAL
\$[6.13244]&\$[4.70178]&\$[0.625944]&\$[10.7618]&\$[4.4996]&
TREATED
\$[10.7572]&\$[5.20849]&\$[13.9797]&\$[9.56709]&\$[9.74035]&
SAMPLE 7
NORMAL
\$[3.66641]&\$[5.36453]&\$[2.64372]&\$[3.89017]&\$[-0.779855]&
TREATED
\$[0.183867]&\$[5.15087]&\$[9.04694]&\$[1.07359]&\$[-0.179771]&
SAMPLE 8
NORMAL
\$[-1.44289]&\$[-4.64375]&\$[0.938387]&\$[-15.5171]&\$[7.96039]&
TREATED
\$[5.03957]&\$[5.34274]&\$[4.50681]&\$[-0.213829]&\$[6.74684]&
SAMPLE 9
NORMAL
\$[5.60597]&\$[2.42785]&\$[2.08927]&\$[-10.0405]&\$[1.14073]&
TREATED
\$[-7.86225]&\$[6.3913]&\$[16.2735]&\$[-18.2903]&\$[9.45701]&
SAMPLE 10
NORMAL
\$[26.2222]&\$[16.2967]&\$[15.2924]&\$[11.7173]&\$[-10.8271]&
TREATED
\$[-3.35474]&\$[0.0329104]&\$[-2.23526]&\$[1.88697]&\$[2.9363]&

ME18B165
alpha = 0.0109901
FWER = 0.334276
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1

NORMAL
\$[-3.36946]&\$[-0.602428]&\$[-3.3001]&\$[5.00654]&\$[-9.10115]&
TREATED
\$[-1.5879]&\$[-4.6014]&\$[8.46479]&\$[17.651]&\$[6.68611]&
SAMPLE 2
NORMAL
\$[6.41746]&\$[7.30503]&\$[4.49851]&\$[3.841]&\$[2.22135]&
TREATED
\$[-2.4182]&\$[-10.427]&\$[3.57449]&\$[3.68745]&\$[-4.64431]&
SAMPLE 3
NORMAL
\$[-0.377613]&\$[-0.416962]&\$[5.85843]&\$[-4.27973]&\$[0.122181]&
TREATED
\$[-1.87883]&\$[2.04346]&\$[-1.7691]&\$[10.4355]&\$[8.79393]&
SAMPLE 4
NORMAL
\$[1.47722]&\$[1.7079]&\$[1.65496]&\$[4.24856]&\$[2.09634]&
TREATED
\$[-0.255602]&\$[-2.26633]&\$[6.53925]&\$[5.73065]&\$[1.39919]&
SAMPLE 5
NORMAL
\$[4.49516]&\$[-2.06151]&\$[3.47283]&\$[4.87348]&\$[3.63111]&
TREATED
\$[5.44273]&\$[3.89401]&\$[10.3197]&\$[2.15308]&\$[8.74859]&
SAMPLE 6
NORMAL
\$[7.36732]&\$[11.2216]&\$[-8.77507]&\$[2.18648]&\$[8.07508]&
TREATED
\$[19.7276]&\$[-4.16353]&\$[13.3235]&\$[0.55839]&\$[3.70853]&
SAMPLE 7
NORMAL
\$[6.55857]&\$[6.9633]&\$[1.63021]&\$[6.53561]&\$[4.27312]&
TREATED
\$[-4.35282]&\$[-11.3579]&\$[13.1909]&\$[11.8166]&\$[20.4833]&
SAMPLE 8
NORMAL
\$[8.84341]&\$[-0.490163]&\$[13.0982]&\$[-2.96634]&\$[-0.584886]&
TREATED
\$[0.549039]&\$[0.681086]&\$[4.81615]&\$[2.30752]&\$[5.28702]&
SAMPLE 9
NORMAL
\$[-2.80224]&\$[-2.60117]&\$[6.71795]&\$[3.49433]&\$[11.4133]&
TREATED
\$[5.58057]&\$[5.59719]&\$[3.18861]&\$[3.82929]&\$[3.78873]&
SAMPLE 10
NORMAL
\$[-6.7592]&\$[10.0492]&\$[3.31814]&\$[5.48219]&\$[8.6714]&
TREATED
\$[-6.71217]&\$[-1.70456]&\$[2.8733]&\$[1.08796]&\$[-0.412716]&

ME18B167
alpha = 0.0105527
FWER = 0.302818

SAMPLE FOR TTEST : SAMPLE no. 2

SAMPLE 1

NORMAL

\$[11.4611]&,\$[10.1421]&,\$[5.98746]&,\$[2.20626]&,\$[6.98676]&
TREATED

\$[0.369821]&,\$[0.013251]&,\$[-1.4315]&,\$[-1.93474]&,\$[-0.803442]&

SAMPLE 2

NORMAL

\$[3.43778]&,\$[-2.7381]&,\$[0.254272]&,\$[2.85287]&,\$[8.84284]&
TREATED

\$[7.35069]&,\$[5.67721]&,\$[0.611181]&,\$[3.59167]&,\$[5.30547]&

SAMPLE 3

NORMAL

\$[-1.69239]&,\$[-15.3032]&,\$[10.43]&,\$[3.88171]&,\$[1.9848]&

TREATED

\$[5.6105]&,\$[2.92181]&,\$[5.52798]&,\$[2.16025]&,\$[10.1008]&

SAMPLE 4

NORMAL

\$[-4.52835]&,\$[-12.4518]&,\$[0.926007]&,\$[-11.0703]&,\$[1.18374]&

TREATED

\$[-1.38162]&,\$[1.45493]&,\$[-3.51802]&,\$[2.46679]&,\$[2.20981]&

SAMPLE 5

NORMAL

\$[12.881]&,\$[8.92819]&,\$[13.2083]&,\$[10.1513]&,\$[-9.18336]&

TREATED

\$[7.42526]&,\$[0.236416]&,\$[2.93765]&,\$[-7.72101]&,\$[-10.5715]&

SAMPLE 6

NORMAL

\$[1.15851]&,\$[3.91461]&,\$[-2.03141]&,\$[13.7765]&,\$[-0.238423]&

TREATED

\$[5.79925]&,\$[3.33676]&,\$[2.40367]&,\$[1.74688]&,\$[3.12889]&

SAMPLE 7

NORMAL

\$[1.50507]&,\$[1.94117]&,\$[2.03351]&,\$[0.545196]&,\$[0.242434]&

TREATED

\$[11.1359]&,\$[-0.068865]&,\$[14.1478]&,\$[3.64601]&,\$[7.60228]&

SAMPLE 8

NORMAL

\$[11.7658]&,\$[5.68338]&,\$[-8.98018]&,\$[2.66628]&,\$[4.37908]&

TREATED

\$[-0.371365]&,\$[9.99279]&,\$[8.52648]&,\$[3.1025]&,\$[0.991989]&

SAMPLE 9

NORMAL

\$[1.25061]&,\$[0.766887]&,\$[0.544375]&,\$[-1.29863]&,\$[5.63508]&

TREATED

\$[10.0418]&,\$[2.59681]&,\$[0.616724]&,\$[-9.89146]&,\$[3.33751]&

SAMPLE 10

NORMAL

\$[-5.71286]&,\$[4.09119]&,\$[-5.08922]&,\$[16.8049]&,\$[6.20516]&

TREATED

\$[2.36433]&,\$[-0.0448756]&,\$[6.56401]&,\$[2.39653]&,\$[4.02246]&

ME18B174

alpha = 0.0330803

FWER = 0.34107

SAMPLE FOR TTEST : SAMPLE no. 1

SAMPLE 1

NORMAL

\$[6.93786]&\$[-10.6622]&\$[5.49451]&\$[-14.6874]&\$[-12.2973]&
TREATED

\$[5.59719]&\$[10.7709]&\$[14.7572]&\$[-11.0347]&\$[0.750439]&

SAMPLE 2

NORMAL

\$[-3.17542]&\$[-5.77412]&\$[3.63499]&\$[2.6024]&\$[7.03948]&
TREATED

\$[-10.4002]&\$[-0.333445]&\$[1.56681]&\$[7.61932]&\$[-4.21672]&
SAMPLE 3

NORMAL

\$[-7.14004]&\$[-8.45093]&\$[0.125923]&\$[1.93044]&\$[-2.07128]&
TREATED

\$[6.02608]&\$[-3.37744]&\$[0.687254]&\$[-2.19776]&\$[4.51166]&
SAMPLE 4

NORMAL

\$[5.43545]&\$[5.47577]&\$[-19.9107]&\$[6.05812]&\$[2.74668]&
TREATED

\$[9.51295]&\$[14.2969]&\$[-5.90749]&\$[4.73316]&\$[2.98911]&
SAMPLE 5

NORMAL

\$[4.89043]&\$[20.3814]&\$[4.91017]&\$[4.40387]&\$[9.30563]&
TREATED

\$[-6.86945]&\$[-4.52893]&\$[-2.73426]&\$[-0.714866]&\$[-1.01468]&
SAMPLE 6

NORMAL

\$[-1.76421]&\$[3.93849]&\$[11.8003]&\$[-7.5492]&\$[4.38837]&
TREATED

\$[8.02594]&\$[6.82229]&\$[2.39895]&\$[-4.51545]&\$[2.53331]&
SAMPLE 7

NORMAL

\$[-3.04477]&\$[18.3761]&\$[3.25009]&\$[21.7438]&\$[8.66868]&
TREATED

\$[9.94483]&\$[0.624592]&\$[-5.38285]&\$[-1.41707]&\$[14.6927]&
SAMPLE 8

NORMAL

\$[2.48578]&\$[-1.34084]&\$[-1.26322]&\$[4.6163]&\$[6.93469]&
TREATED

\$[6.81352]&\$[-7.01584]&\$[11.975]&\$[5.34693]&\$[10.2528]&
SAMPLE 9

NORMAL

\$[2.08464]&\$[-6.41822]&\$[-5.16092]&\$[1.7265]&\$[-5.4437]&
TREATED

\$[8.50691]&\$[8.85884]&\$[-10.1235]&\$[-16.8127]&\$[2.37112]&
SAMPLE 10

NORMAL

\$[9.89034]&\$[21.0427]&\$[3.65216]&\$[-0.920672]&\$[6.1354]&
TREATED

\$[1.9004]&\$[0.792852]&\$[2.29027]&\$[-1.12258]&\$[-0.592082]&

MM16B102
alpha = 0.0424048
FWER = 0.397095

SAMPLE FOR TTEST : SAMPLE no. 3

SAMPLE 1

NORMAL

\$[10.2945]&\$[2.14342]&\$[8.13568]&\$[0.922895]&\$[5.71595]&
TREATED

\$[30.6072]&\$[-1.97223]&\$[6.59449]&\$[-7.18006]&\$[-10.9871]&
SAMPLE 2

NORMAL

\$[17.0502]&\$[2.94241]&\$[7.06684]&\$[20.9675]&\$[13.8839]&
TREATED

\$[4.18154]&\$[-10.4042]&\$[1.2582]&\$[3.47448]&\$[25.1845]&
SAMPLE 3

NORMAL

\$[22.2857]&\$[3.72329]&\$[-0.0446478]&\$[20.1677]&\$[6.20944]&
TREATED

\$[0.606084]&\$[1.76571]&\$[7.82971]&\$[13.4611]&\$[-4.07339]&
SAMPLE 4

NORMAL

\$[4.13368]&\$[-6.08193]&\$[4.97796]&\$[2.20596]&\$[-5.64434]&
TREATED

\$[10.3649]&\$[1.51195]&\$[10.1762]&\$[12.7688]&\$[12.9292]&
SAMPLE 5

NORMAL

\$[0.238264]&\$[5.02995]&\$[0.452544]&\$[2.61557]&\$[3.1312]&
TREATED

\$[2.708]&\$[-1.15128]&\$[0.602389]&\$[1.14367]&\$[-0.547291]&
SAMPLE 6

NORMAL

\$[3.35243]&\$[2.39834]&\$[-9.58558]&\$[15.6854]&\$[-2.2918]&
TREATED

\$[-3.31018]&\$[1.79136]&\$[-3.65543]&\$[-2.1364]&\$[-2.82115]&
SAMPLE 7

NORMAL

\$[1.21873]&\$[-12.3447]&\$[7.65744]&\$[12.6978]&\$[4.75857]&
TREATED

\$[6.67634]&\$[4.46656]&\$[-0.564571]&\$[8.97923]&\$[7.66701]&
SAMPLE 8

NORMAL

\$[5.96998]&\$[-9.45298]&\$[1.66345]&\$[6.37027]&\$[27.9977]&
TREATED

\$[-9.85409]&\$[-12.6437]&\$[1.77851]&\$[9.69085]&\$[-6.11337]&
SAMPLE 9

NORMAL

\$[2.35549]&\$[-7.4664]&\$[14.6407]&\$[-1.1322]&\$[-1.71535]&
TREATED

\$[-4.22673]&\$[13.5162]&\$[9.82024]&\$[29.5408]&\$[5.02187]&
SAMPLE 10

NORMAL

\$[14.613]&\$[-0.824629]&\$[-4.56469]&\$[-0.043882]&\$[-19.0961]&

TREATED

\$[-2.73389]&\$[0.419447]&\$[10.031]&\$[-0.518502]&\$[-0.820162]&

MM17B105

alpha = 0.0429263

FWER = 0.34678

SAMPLE FOR TTEST : SAMPLE no. 4

SAMPLE 1

NORMAL

\$[-1.40761]&\$[6.2712]&\$[4.9715]&\$[-2.54391]&\$[4.36871]&

TREATED

\$[-5.70467]&\$[1.15784]&\$[2.77661]&\$[29.1429]&\$[-7.91166]&

SAMPLE 2

NORMAL

\$[0.481779]&\$[-4.3068]&\$[-1.1501]&\$[20.7353]&\$[15.3186]&

TREATED

\$[5.67136]&\$[-9.24082]&\$[0.229828]&\$[-2.42886]&\$[-3.14642]&

SAMPLE 3

NORMAL

\$[6.36809]&\$[8.4579]&\$[8.62052]&\$[22.9784]&\$[2.07628]&

TREATED

\$[1.3414]&\$[5.09753]&\$[0.974066]&\$[6.74257]&\$[7.73811]&

SAMPLE 4

NORMAL

\$[6.14974]&\$[4.98283]&\$[1.9325]&\$[2.39254]&\$[17.2449]&

TREATED

\$[4.25416]&\$[6.09427]&\$[-2.26116]&\$[2.11743]&\$[1.39756]&

SAMPLE 5

NORMAL

\$[14.498]&\$[-7.58033]&\$[-18.6021]&\$[-0.121515]&\$[8.75593]&

TREATED

\$[0.980242]&\$[-3.63126]&\$[6.0115]&\$[-3.00367]&\$[0.0738716]&

SAMPLE 6

NORMAL

\$[3.61883]&\$[6.41284]&\$[7.30147]&\$[13.4044]&\$[-4.07283]&

TREATED

\$[0.915665]&\$[-1.866]&\$[-2.10589]&\$[10.1813]&\$[0.64453]&

SAMPLE 7

NORMAL

\$[1.56134]&\$[13.1761]&\$[3.85868]&\$[3.2727]&\$[-3.09518]&

TREATED

\$[-8.94413]&\$[7.44592]&\$[-5.12807]&\$[8.35701]&\$[6.95773]&

SAMPLE 8

NORMAL

\$[-3.21579]&\$[3.26157]&\$[-7.9754]&\$[-1.83415]&\$[4.49845]&

TREATED

\$[6.6743]&\$[9.1003]&\$[13.9062]&\$[-2.62345]&\$[15.1528]&

SAMPLE 9

NORMAL

\$[-1.82189]&\$[1.44569]&\$[1.34807]&\$[-2.65952]&\$[2.54392]&

TREATED

\$[-5.84484]&\$[-1.9835]&\$[-1.67798]&\$[-3.77485]&\$[-5.96056]&

SAMPLE 10

NORMAL

\$[1.01543]&\$[0.213652]&\$[-4.80403]&\$[3.78679]&\$[0.131179]&
TREATED
\$[14.8908]&\$[20.2799]&\$[0.376399]&\$[-0.498638]&\$[7.86954]&

MM17B106

alpha = 0.0477715

FWER = 0.255446

SAMPLE FOR TTEST : SAMPLE no. 1

SAMPLE 1

NORMAL

\$[6.367]&\$[0.10425]&\$[-7.68764]&\$[-6.65291]&\$[4.60751]&
TREATED

\$[3.46841]&\$[-1.53148]&\$[4.81046]&\$[2.67464]&\$[3.97714]&
SAMPLE 2

NORMAL

\$[1.24901]&\$[-2.64621]&\$[2.38693]&\$[-5.62409]&\$[8.72686]&
TREATED

\$[0.396525]&\$[-0.713712]&\$[5.838]&\$[2.80543]&\$[8.49712]&
SAMPLE 3

NORMAL

\$[9.25697]&\$[16.0463]&\$[14.3661]&\$[-2.8017]&\$[-10.878]&
TREATED

\$[5.1384]&\$[5.60861]&\$[1.53499]&\$[9.44212]&\$[2.87274]&
SAMPLE 4

NORMAL

\$[6.59503]&\$[1.87239]&\$[9.03794]&\$[-4.65202]&\$[1.4285]&
TREATED

\$[-0.790256]&\$[-3.25713]&\$[-6.81057]&\$[4.47329]&\$[-5.5903]&
SAMPLE 5

NORMAL

\$[22.0879]&\$[14.8758]&\$[25.8953]&\$[0.535264]&\$[12.8437]&
TREATED

\$[9.9542]&\$[2.73317]&\$[0.492151]&\$[-6.12607]&\$[11.5112]&
SAMPLE 6

NORMAL

\$[3.44834]&\$[4.42484]&\$[-0.121947]&\$[1.26083]&\$[2.88364]&
TREATED

\$[6.99736]&\$[5.24182]&\$[5.19826]&\$[2.10154]&\$[0.204965]&
SAMPLE 7

NORMAL

\$[7.33817]&\$[5.68598]&\$[1.75191]&\$[-5.54302]&\$[4.86725]&
TREATED

\$[9.88207]&\$[11.9917]&\$[4.45063]&\$[2.18775]&\$[-10.2275]&
SAMPLE 8

NORMAL

\$[-6.63818]&\$[1.87226]&\$[-9.67981]&\$[3.22376]&\$[-1.09497]&
TREATED

\$[9.10698]&\$[-0.756584]&\$[-0.27731]&\$[3.94728]&\$[3.72839]&
SAMPLE 9

NORMAL

\$[-5.45594]&\$[-9.64978]&\$[1.06669]&\$[-5.64193]&\$[10.2057]&
TREATED

\$[-3.44284]&\$[0.119881]&\$[-3.51928]&\$[-11.0352]&\$[2.39397]&

SAMPLE 10

NORMAL

\$[6.51465]&\$[-5.65]&\$[5.69862]&\$[10.7289]&\$[-5.28002]&
TREATED
\$[-0.186085]&\$[1.17588]&\$[-0.593401]&\$[1.03513]&\$[3.97367]&

MM18B002

alpha = 0.038211

FWER = 0.307401

SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1

NORMAL

\$[-8.16585]&\$[14.1954]&\$[-7.46749]&\$[6.19686]&\$[1.98148]&
TREATED

\$[7.40942]&\$[-8.87756]&\$[-2.60339]&\$[12.3352]&\$[7.80111]&
SAMPLE 2

NORMAL

\$[-2.45838]&\$[11.1223]&\$[2.53133]&\$[-20.0309]&\$[-20.0922]&
TREATED

\$[4.90373]&\$[-4.76697]&\$[6.86257]&\$[-2.94304]&\$[-0.228934]&
SAMPLE 3

NORMAL

\$[4.68013]&\$[6.80723]&\$[13.7432]&\$[8.05181]&\$[7.52217]&
TREATED

\$[1.83728]&\$[12.8833]&\$[15.3974]&\$[-12.1851]&\$[-3.44206]&

SAMPLE 4

NORMAL

\$[3.18709]&\$[7.66475]&\$[8.71568]&\$[0.958493]&\$[4.75223]&
TREATED

\$[2.42657]&\$[-4.78115]&\$[26.495]&\$[10.6661]&\$[11.0471]&

SAMPLE 5

NORMAL

\$[-3.69491]&\$[-5.80688]&\$[-4.31787]&\$[-16.5847]&\$[2.55302]&
TREATED

\$[-6.64498]&\$[-3.55892]&\$[-1.69051]&\$[-10.226]&\$[11.015]&

SAMPLE 6

NORMAL

\$[4.14606]&\$[-2.29203]&\$[-2.10659]&\$[-4.59062]&\$[-18.8425]&
TREATED

\$[14.8753]&\$[6.3242]&\$[-0.258132]&\$[-1.50892]&\$[-3.28146]&

SAMPLE 7

NORMAL

\$[1.06078]&\$[2.07689]&\$[-1.45537]&\$[1.67916]&\$[7.73123]&
TREATED

\$[0.288414]&\$[4.95448]&\$[7.30739]&\$[22.0269]&\$[9.81905]&
SAMPLE 8

NORMAL

\$[4.4487]&\$[4.35695]&\$[4.55549]&\$[5.15548]&\$[5.68847]&
TREATED

\$[10.519]&\$[8.2737]&\$[-4.81232]&\$[1.84038]&\$[1.31376]&

SAMPLE 9

NORMAL

\$[4.88438]&\$[-7.80589]&\$[10.4917]&\$[4.78323]&\$[7.84]&

TREATED
\$[-17.3703]&\$[-1.29106]&\$[-0.757772]&\$[6.65195]&\$[7.19782]&
SAMPLE 10
NORMAL
\$[-1.80401]&\$[-1.36783]&\$[-13.4319]&\$[-4.07299]&\$[-16.3399]&
TREATED
\$[2.74179]&\$[-9.62304]&\$[-10.6266]&\$[4.02299]&\$[9.52483]&

MM18B003
alpha = 0.01768
FWER = 0.353441
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[-8.70982]&\$[2.02082]&\$[-4.21541]&\$[10.7923]&\$[-7.0011]&
TREATED
\$[9.15425]&\$[1.52268]&\$[-0.554324]&\$[-6.74567]&\$[-10.0598]&
SAMPLE 2
NORMAL
\$[-0.827107]&\$[-2.49312]&\$[-8.34424]&\$[-11.0741]&\$[-1.94592]&
TREATED
\$[5.9327]&\$[3.64133]&\$[1.48964]&\$[15.5821]&\$[3.59343]&
SAMPLE 3
NORMAL
\$[17.5828]&\$[-8.70448]&\$[23.9703]&\$[-0.881523]&\$[3.48603]&
TREATED
\$[-1.35236]&\$[6.81593]&\$[4.89627]&\$[3.34921]&\$[2.89267]&
SAMPLE 4
NORMAL
\$[11.1638]&\$[-7.8165]&\$[22.8387]&\$[8.71833]&\$[9.32042]&
TREATED
\$[4.31227]&\$[-2.24194]&\$[-2.3488]&\$[0.237996]&\$[3.47718]&
SAMPLE 5
NORMAL
\$[3.02846]&\$[-4.28983]&\$[-1.00052]&\$[13.6437]&\$[4.39457]&
TREATED
\$[-9.73287]&\$[-1.2332]&\$[-11.8038]&\$[17.6081]&\$[-3.83909]&
SAMPLE 6
NORMAL
\$[5.43469]&\$[3.17995]&\$[16.0311]&\$[22.0072]&\$[10.704]&
TREATED
\$[5.29432]&\$[4.24911]&\$[14.0026]&\$[3.1915]&\$[-2.68271]&
SAMPLE 7
NORMAL
\$[2.68988]&\$[4.20088]&\$[3.75584]&\$[5.29624]&\$[2.48477]&
TREATED
\$[-3.4694]&\$[2.1528]&\$[7.04185]&\$[14.5388]&\$[-8.15978]&
SAMPLE 8
NORMAL
\$[5.44326]&\$[2.82424]&\$[2.97729]&\$[0.857786]&\$[6.00564]&
TREATED
\$[9.55299]&\$[11.6836]&\$[3.23632]&\$[-8.89377]&\$[14.38]&
SAMPLE 9

NORMAL
\$[1.19008]&\$[-5.25148]&\$[-18.1378]&\$[-3.89453]&\$[12.2639]&
TREATED
\$[-8.80058]&\$[-4.06184]&\$[-15.0029]&\$[-2.30428]&\$[7.31475]&
SAMPLE 10
NORMAL
\$[-6.21096]&\$[-3.97824]&\$[-2.49666]&\$[11.0834]&\$[4.90223]&
TREATED
\$[1.50063]&\$[8.67826]&\$[-0.426424]&\$[-1.89823]&\$[10.0606]&

MM18B009
alpha = 0.0194345
FWER = 0.297789
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[0.969715]&\$[2.07447]&\$[-1.02523]&\$[-1.56338]&\$[5.58286]&
TREATED
\$[-6.55989]&\$[10.7965]&\$[-1.05769]&\$[7.56099]&\$[-0.785912]&
SAMPLE 2
NORMAL
\$[-13.8186]&\$[-8.4279]&\$[3.90264]&\$[-1.36182]&\$[17.9062]&
TREATED
\$[9.87311]&\$[-2.53187]&\$[7.58962]&\$[-2.93027]&\$[1.69552]&
SAMPLE 3
NORMAL
\$[0.331036]&\$[5.28334]&\$[8.09821]&\$[0.562995]&\$[2.19301]&
TREATED
\$[11.2788]&\$[-4.06281]&\$[-1.27383]&\$[7.36402]&\$[17.3925]&
SAMPLE 4
NORMAL
\$[-8.93635]&\$[3.64363]&\$[-8.29303]&\$[-3.21418]&\$[1.96112]&
TREATED
\$[11.7024]&\$[12.2003]&\$[7.4525]&\$[13.6577]&\$[18.2191]&
SAMPLE 5
NORMAL
\$[2.10052]&\$[5.76516]&\$[3.01531]&\$[-2.40045]&\$[4.44397]&
TREATED
\$[-16.9546]&\$[-2.35157]&\$[-1.92976]&\$[-4.77478]&\$[-11.1044]&
SAMPLE 6
NORMAL
\$[2.12638]&\$[5.8712]&\$[4.68173]&\$[4.23181]&\$[-1.30978]&
TREATED
\$[4.35822]&\$[14.4274]&\$[-2.67463]&\$[-1.4554]&\$[-0.879195]&
SAMPLE 7
NORMAL
\$[0.29148]&\$[-9.11566]&\$[4.83049]&\$[-6.05226]&\$[-2.19605]&
TREATED
\$[-1.3913]&\$[1.28513]&\$[6.91882]&\$[19.2116]&\$[-5.48009]&
SAMPLE 8
NORMAL
\$[-8.14723]&\$[3.02864]&\$[8.06445]&\$[-1.55587]&\$[-0.206307]&
TREATED

\$[6.33967]&\$[-1.51999]&\$[12.7811]&\$[2.76627]&\$[4.36146]&
SAMPLE 9
NORMAL
\$[14.9912]&\$[9.13832]&\$[20.7554]&\$[0.756404]&\$[4.95395]&
TREATED
\$[6.15513]&\$[9.84847]&\$[-1.29461]&\$[6.80285]&\$[-2.43711]&
SAMPLE 10
NORMAL
\$[11.5604]&\$[-6.91644]&\$[11.3998]&\$[-7.55041]&\$[-7.73376]&
TREATED
\$[-2.58695]&\$[3.01847]&\$[5.07922]&\$[-1.02337]&\$[-4.88374]&

MM18B018
alpha = 0.021784
FWER = 0.228632
SAMPLE FOR TTEST : SAMPLE no. 1
SAMPLE 1
NORMAL
\$[9.77146]&\$[-0.365314]&\$[20.1648]&\$[-5.49462]&\$[-4.51146]&
TREATED
\$[-5.36702]&\$[-3.64575]&\$[-12.6741]&\$[-16.6031]&\$[-0.259386]&
SAMPLE 2
NORMAL
\$[-2.38888]&\$[1.88611]&\$[-1.01034]&\$[8.04579]&\$[3.44234]&
TREATED
\$[2.15799]&\$[4.44162]&\$[-4.95954]&\$[5.11864]&\$[25.2433]&
SAMPLE 3
NORMAL
\$[-0.394033]&\$[-4.7672]&\$[-8.30964]&\$[-3.20663]&\$[4.20409]&
TREATED
\$[4.2336]&\$[4.76631]&\$[4.70373]&\$[3.78586]&\$[-6.35814]&
SAMPLE 4
NORMAL
\$[4.97502]&\$[-10.0365]&\$[-9.85625]&\$[2.65232]&\$[-1.08929]&
TREATED
\$[6.32915]&\$[6.44327]&\$[5.94383]&\$[-1.40833]&\$[2.59603]&
SAMPLE 5
NORMAL
\$[6.76475]&\$[5.76089]&\$[1.74444]&\$[-7.57837]&\$[2.4481]&
TREATED
\$[9.38939]&\$[3.9254]&\$[2.92596]&\$[1.45774]&\$[3.04638]&
SAMPLE 6
NORMAL
\$[3.8095]&\$[18.5051]&\$[17.0004]&\$[1.73073]&\$[-3.22224]&
TREATED
\$[-9.44129]&\$[-5.49907]&\$[-1.5441]&\$[2.85053]&\$[3.28384]&
SAMPLE 7
NORMAL
\$[5.43168]&\$[11.3353]&\$[10.1929]&\$[-0.83836]&\$[2.47813]&
TREATED
\$[-2.90317]&\$[-1.02417]&\$[-4.83612]&\$[0.598504]&\$[0.113456]&
SAMPLE 8
NORMAL

\$[1.45627]&\$[4.55862]&\$[-7.51556]&\$[-4.96527]&\$[4.41579]&
TREATED
\$[6.12715]&\$[-0.895621]&\$[-1.54879]&\$[7.74595]&\$[3.52567]&
SAMPLE 9
NORMAL
\$[19.8575]&\$[18.9924]&\$[-3.00258]&\$[-4.93241]&\$[-0.372301]&
TREATED
\$[-8.33372]&\$[3.25034]&\$[-4.74291]&\$[1.96312]&\$[0.969555]&
SAMPLE 10
NORMAL
\$[-4.27857]&\$[10.5216]&\$[-3.8224]&\$[-3.91021]&\$[-12.4945]&
TREATED
\$[-4.47479]&\$[-2.20177]&\$[-4.96057]&\$[0.00449802]&\$[1.56939]&

MM18B019
alpha = 0.0158537
FWER = 0.294751
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[-1.71668]&\$[6.4321]&\$[4.28404]&\$[-5.53894]&\$[0.243328]&
TREATED
\$[6.16752]&\$[10.9325]&\$[2.22798]&\$[4.98803]&\$[2.87851]&
SAMPLE 2
NORMAL
\$[-10.8028]&\$[-5.80086]&\$[3.62669]&\$[13.4596]&\$[9.04552]&
TREATED
\$[-8.85185]&\$[1.9263]&\$[-0.936501]&\$[0.185718]&\$[-4.50285]&
SAMPLE 3
NORMAL
\$[6.53892]&\$[20.3107]&\$[7.62569]&\$[24.0665]&\$[-10.1795]&
TREATED
\$[-2.25543]&\$[-5.2254]&\$[1.96132]&\$[5.54139]&\$[-0.133946]&
SAMPLE 4
NORMAL
\$[3.44141]&\$[-1.66307]&\$[0.797017]&\$[2.05971]&\$[5.308]&
TREATED
\$[14.551]&\$[-11.1142]&\$[-1.42957]&\$[8.52325]&\$[7.36527]&
SAMPLE 5
NORMAL
\$[-0.999502]&\$[2.41176]&\$[-2.98046]&\$[11.9109]&\$[1.30212]&
TREATED
\$[6.41096]&\$[-16.129]&\$[-16.8804]&\$[22.8992]&\$[-6.17289]&
SAMPLE 6
NORMAL
\$[1.58309]&\$[-2.79311]&\$[-4.49134]&\$[9.69173]&\$[-9.89464]&
TREATED
\$[6.72131]&\$[-2.25932]&\$[4.42179]&\$[-7.39874]&\$[2.12361]&
SAMPLE 7
NORMAL
\$[2.71324]&\$[3.02877]&\$[2.52209]&\$[3.37633]&\$[0.943637]&
TREATED
\$[-3.36975]&\$[0.497837]&\$[-5.99027]&\$[2.78262]&\$[12.0965]&

SAMPLE 8

NORMAL

\$[-0.216684]&\$[-4.40252]&\$[3.04288]&\$[4.13923]&\$[3.65303]&

TREATED

\$[4.16287]&\$[-0.267939]&\$[-4.53932]&\$[6.9327]&\$[-2.52736]&

SAMPLE 9

NORMAL

\$[2.91647]&\$[8.51155]&\$[21.739]&\$[-6.68398]&\$[15.78]&

TREATED

\$[15.676]&\$[-8.08043]&\$[20.6369]&\$[6.03157]&\$[6.46644]&

SAMPLE 10

NORMAL

\$[-3.57288]&\$[-1.67846]&\$[3.06649]&\$[2.08932]&\$[6.92776]&

TREATED

\$[-6.94769]&\$[13.5367]&\$[0.551796]&\$[4.0638]&\$[-3.89012]&

MM18B026

alpha = 0.0317556

FWER = 0.292551

SAMPLE FOR TTEST : SAMPLE no. 10

SAMPLE 1

NORMAL

\$[-1.0058]&\$[2.75839]&\$[1.89086]&\$[3.12208]&\$[0.276621]&

TREATED

\$[12.86]&\$[2.59485]&\$[0.465746]&\$[-6.28815]&\$[-5.53187]&

SAMPLE 2

NORMAL

\$[14.3394]&\$[-2.49619]&\$[0.93784]&\$[6.6266]&\$[-9.68479]&

TREATED

\$[0.720976]&\$[2.66326]&\$[3.64231]&\$[10.667]&\$[9.07565]&

SAMPLE 3

NORMAL

\$[17.8635]&\$[29.5413]&\$[1.51193]&\$[-1.45582]&\$[-4.71597]&

TREATED

\$[16.3109]&\$[2.74362]&\$[0.727607]&\$[13.2524]&\$[3.60482]&

SAMPLE 4

NORMAL

\$[-6.78061]&\$[-1.72255]&\$[7.29842]&\$[9.27687]&\$[3.39164]&

TREATED

\$[1.51448]&\$[-5.88682]&\$[5.05563]&\$[2.39447]&\$[4.60329]&

SAMPLE 5

NORMAL

\$[-7.09784]&\$[-8.11777]&\$[1.62567]&\$[-16.9198]&\$[-4.37281]&

TREATED

\$[-3.15486]&\$[-5.55278]&\$[-4.81196]&\$[8.44141]&\$[-7.12336]&

SAMPLE 6

NORMAL

\$[2.2169]&\$[15.9584]&\$[-0.436037]&\$[-4.36515]&\$[8.16647]&

TREATED

\$[-0.525857]&\$[2.61556]&\$[6.47442]&\$[6.75505]&\$[1.17905]&

SAMPLE 7

NORMAL

\$[1.50579]&\$[8.97294]&\$[-2.05409]&\$[0.771586]&\$[7.0282]&

TREATED
\$[13.6176]&\$[8.82144]&\$[3.33181]&\$[8.0754]&\$[-0.859086]&
SAMPLE 8
NORMAL
\$[14.0605]&\$[6.92172]&\$[11.7758]&\$[17.8139]&\$[9.86883]&
TREATED
\$[18.8257]&\$[6.04841]&\$[-0.652479]&\$[9.69892]&\$[-11.0454]&
SAMPLE 9
NORMAL
\$[10.3278]&\$[-1.41649]&\$[8.0245]&\$[11.1713]&\$[-2.86076]&
TREATED
\$[10.0715]&\$[8.94935]&\$[9.76693]&\$[12.9421]&\$[3.25131]&
SAMPLE 10
NORMAL
\$[5.09289]&\$[-1.07486]&\$[-4.02721]&\$[3.94119]&\$[1.76417]&
TREATED
\$[-0.491503]&\$[1.62989]&\$[-1.89616]&\$[2.65043]&\$[-3.30675]&

MM18B029
alpha = 0.0348955
FWER = 0.343625
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[-0.331087]&\$[-9.13129]&\$[11.6077]&\$[-5.88338]&\$[3.07735]&
TREATED
\$[2.96733]&\$[5.60321]&\$[1.60332]&\$[6.10223]&\$[6.25482]&
SAMPLE 2
NORMAL
\$[4.80657]&\$[7.62433]&\$[6.94329]&\$[-17.4909]&\$[3.52244]&
TREATED
\$[2.7287]&\$[30.3907]&\$[17.4389]&\$[5.39775]&\$[8.77688]&
SAMPLE 3
NORMAL
\$[-2.40723]&\$[-3.50539]&\$[0.533776]&\$[-4.72028]&\$[1.98699]&
TREATED
\$[2.2262]&\$[4.69403]&\$[2.01385]&\$[-10.5722]&\$[19.9844]&
SAMPLE 4
NORMAL
\$[1.49187]&\$[-1.11444]&\$[-5.1454]&\$[1.24531]&\$[0.0786184]&
TREATED
\$[10.8966]&\$[12.1608]&\$[11.0038]&\$[3.49446]&\$[-7.25819]&
SAMPLE 5
NORMAL
\$[2.6217]&\$[3.26423]&\$[12.6988]&\$[-3.86728]&\$[9.72611]&
TREATED
\$[10.0312]&\$[4.90913]&\$[4.44065]&\$[-7.88261]&\$[11.8558]&
SAMPLE 6
NORMAL
\$[-5.79103]&\$[-5.79894]&\$[7.53544]&\$[-2.49267]&\$[1.50144]&
TREATED
\$[5.07558]&\$[-0.989751]&\$[-14.2508]&\$[4.0702]&\$[13.0874]&
SAMPLE 7

NORMAL
\$[4.39088]&\$[10.7932]&\$[10.1443]&\$[1.56358]&\$[4.71618]&
TREATED
\$[4.17805]&\$[7.38961]&\$[-1.97575]&\$[11.5944]&\$[-5.30612]&
SAMPLE 8
NORMAL
\$[3.95731]&\$[6.04187]&\$[2.97415]&\$[5.7492]&\$[4.63249]&
TREATED
\$[-0.581597]&\$[8.07107]&\$[-3.55412]&\$[8.67751]&\$[1.14904]&
SAMPLE 9
NORMAL
\$[9.50762]&\$[9.06518]&\$[-1.80588]&\$[-7.12503]&\$[2.91807]&
TREATED
\$[-9.82492]&\$[13.9574]&\$[-1.90757]&\$[-2.76375]&\$[15.2292]&
SAMPLE 10
NORMAL
\$[-0.466952]&\$[-2.2579]&\$[-3.09007]&\$[-8.9945]&\$[-1.98477]&
TREATED
\$[5.36505]&\$[-1.58152]&\$[4.7749]&\$[-0.64523]&\$[4.65421]&

MM18B032
alpha = 0.0371487
FWER = 0.288613
SAMPLE FOR TTEST : SAMPLE no. 7
SAMPLE 1
NORMAL
\$[8.73251]&\$[7.79009]&\$[-6.73921]&\$[7.76835]&\$[-0.924954]&
TREATED
\$[-1.28443]&\$[3.72692]&\$[2.53483]&\$[-0.524159]&\$[1.39905]&
SAMPLE 2
NORMAL
\$[4.81822]&\$[5.46177]&\$[1.02415]&\$[-3.63641]&\$[8.83418]&
TREATED
\$[3.93468]&\$[3.81094]&\$[0.91256]&\$[14.3503]&\$[-0.352573]&
SAMPLE 3
NORMAL
\$[2.39441]&\$[1.02646]&\$[0.898375]&\$[5.29576]&\$[3.94543]&
TREATED
\$[19.5505]&\$[27.3142]&\$[-9.6504]&\$[-13.87]&\$[2.88986]&
SAMPLE 4
NORMAL
\$[0.668297]&\$[-1.63575]&\$[6.23497]&\$[4.81304]&\$[-6.9884]&
TREATED
\$[-4.50585]&\$[4.28801]&\$[5.23972]&\$[-5.1721]&\$[10.3824]&
SAMPLE 5
NORMAL
\$[-3.13352]&\$[-3.09429]&\$[4.20006]&\$[-2.26279]&\$[0.146248]&
TREATED
\$[-0.0701167]&\$[-10.1219]&\$[-7.00158]&\$[10.4747]&\$[1.28403]&
SAMPLE 6
NORMAL
\$[17.5043]&\$[9.20387]&\$[17.1863]&\$[-1.94412]&\$[-5.91123]&
TREATED

\$[-7.00156]&\$[-8.70417]&\$[4.42358]&\$[19.4992]&\$[6.1353]&
SAMPLE 7
NORMAL
\$[7.40117]&\$[0.0957915]&\$[7.09658]&\$[-1.71938]&\$[4.39329]&
TREATED
\$[3.75731]&\$[-4.78949]&\$[2.2391]&\$[6.00167]&\$[-2.88717]&
SAMPLE 8
NORMAL
\$[1.3764]&\$[1.41077]&\$[2.11676]&\$[-1.37254]&\$[2.11998]&
TREATED
\$[-5.21854]&\$[-2.44196]&\$[-0.262322]&\$[-13.8479]&\$[-3.17377]&
SAMPLE 9
NORMAL
\$[3.6225]&\$[7.34739]&\$[4.67977]&\$[15.3554]&\$[-0.658256]&
TREATED
\$[-13.4026]&\$[7.47044]&\$[-17.74]&\$[-19.0431]&\$[33.3526]&
SAMPLE 10
NORMAL
\$[8.16141]&\$[10.0685]&\$[-18.5031]&\$[10.2271]&\$[-6.17791]&
TREATED
\$[-1.08762]&\$[11.051]&\$[-7.35221]&\$[7.14067]&\$[-6.70094]&

MM18B104
alpha = 0.0326059
FWER = 0.249462
SAMPLE FOR TTEST : SAMPLE no. 4
SAMPLE 1
NORMAL
\$[3.37626]&\$[11.8297]&\$[19.9173]&\$[13.4551]&\$[3.29572]&
TREATED
\$[2.74871]&\$[19.8381]&\$[10.4852]&\$[6.63297]&\$[-10.0797]&
SAMPLE 2
NORMAL
\$[9.37918]&\$[12.8008]&\$[1.86193]&\$[8.38041]&\$[-2.05242]&
TREATED
\$[-0.459034]&\$[-0.465476]&\$[2.01274]&\$[0.443046]&\$[4.78809]&
SAMPLE 3
NORMAL
\$[0.362793]&\$[0.140917]&\$[0.344337]&\$[0.881657]&\$[0.628624]&
TREATED
\$[-0.0885993]&\$[3.97858]&\$[-1.40698]&\$[26.096]&\$[-2.49901]&
SAMPLE 4
NORMAL
\$[9.54052]&\$[-3.42085]&\$[9.59896]&\$[-1.05021]&\$[-0.250066]&
TREATED
\$[5.26216]&\$[3.87502]&\$[2.00321]&\$[4.3812]&\$[-2.19275]&
SAMPLE 5
NORMAL
\$[-9.2646]&\$[-1.29004]&\$[0.872308]&\$[-0.445467]&\$[-0.497245]&
TREATED
\$[9.75122]&\$[16.4848]&\$[4.29462]&\$[-3.7722]&\$[13.5819]&
SAMPLE 6
NORMAL

\$[2.11168]&\$[0.944677]&\$[4.57319]&\$[5.0067]&\$[-1.06163]&
TREATED
\$[3.20453]&\$[10.9817]&\$[1.99227]&\$[15.3339]&\$[9.69584]&
SAMPLE 7
NORMAL
\$[-6.82874]&\$[-3.14104]&\$[-1.28231]&\$[11.1581]&\$[-2.88259]&
TREATED
\$[20.2731]&\$[-1.22037]&\$[5.06079]&\$[8.08477]&\$[1.65639]&
SAMPLE 8
NORMAL
\$[-5.18317]&\$[-11.9835]&\$[12.9872]&\$[10.1852]&\$[0.530414]&
TREATED
\$[-24.6996]&\$[4.46079]&\$[-6.688]&\$[7.92941]&\$[5.12554]&
SAMPLE 9
NORMAL
\$[3.16659]&\$[5.11754]&\$[3.18569]&\$[3.03179]&\$[0.298773]&
TREATED
\$[-0.834378]&\$[-1.40484]&\$[-2.25827]&\$[2.26969]&\$[1.29313]&
SAMPLE 10
NORMAL
\$[4.42964]&\$[9.49956]&\$[0.472905]&\$[-3.13965]&\$[4.8283]&
TREATED
\$[-8.56118]&\$[3.99648]&\$[1.35952]&\$[8.71829]&\$[6.77098]&

MM18B108
alpha = 0.0227393
FWER = 0.309465
SAMPLE FOR TTEST : SAMPLE no. 3
SAMPLE 1
NORMAL
\$[-6.10906]&\$[6.57006]&\$[-5.46047]&\$[5.16091]&\$[-16.9977]&
TREATED
\$[-2.91375]&\$[8.32675]&\$[-5.29099]&\$[-3.49292]&\$[7.15651]&
SAMPLE 2
NORMAL
\$[-3.37908]&\$[4.99171]&\$[-6.33939]&\$[9.6196]&\$[5.02736]&
TREATED
\$[3.59245]&\$[7.49572]&\$[6.46422]&\$[4.13919]&\$[3.00157]&
SAMPLE 3
NORMAL
\$[10.941]&\$[-4.83055]&\$[6.24483]&\$[-1.90572]&\$[5.40349]&
TREATED
\$[4.48206]&\$[15.5516]&\$[1.16413]&\$[-1.54642]&\$[7.13024]&
SAMPLE 4
NORMAL
\$[0.554756]&\$[0.969903]&\$[1.70446]&\$[2.26925]&\$[7.68122]&
TREATED
\$[-4.37417]&\$[-1.95051]&\$[-6.68253]&\$[-3.56054]&\$[-0.177534]&
SAMPLE 5
NORMAL
\$[-10.5278]&\$[1.90735]&\$[-1.72945]&\$[5.8936]&\$[12.4551]&
TREATED
\$[-3.63662]&\$[-10.8275]&\$[12.761]&\$[9.84225]&\$[0.165041]&

SAMPLE 6
NORMAL
\$[4.07135]&\$[2.46407]&\$[2.6729]&\$[2.71454]&\$[-1.30945]&
TREATED
\$[-3.65735]&\$[-6.7764]&\$[11.1948]&\$[8.11659]&\$[11.5795]&
SAMPLE 7
NORMAL
\$[3.03181]&\$[-6.91947]&\$[-8.93989]&\$[13.2765]&\$[10.4399]&
TREATED
\$[-6.64721]&\$[14.9197]&\$[7.89452]&\$[12.7288]&\$[6.4969]&
SAMPLE 8
NORMAL
\$[0.200834]&\$[5.35615]&\$[10.4091]&\$[4.51604]&\$[-5.96489]&
TREATED
\$[-0.802954]&\$[0.624682]&\$[1.91814]&\$[4.47642]&\$[1.63226]&
SAMPLE 9
NORMAL
\$[-5.31582]&\$[6.84223]&\$[3.84764]&\$[4.29417]&\$[5.70156]&
TREATED
\$[5.00778]&\$[4.68101]&\$[-0.821906]&\$[-9.50047]&\$[6.44018]&
SAMPLE 10
NORMAL
\$[7.31566]&\$[5.39595]&\$[2.86273]&\$[9.32947]&\$[0.67039]&
TREATED
\$[0.750945]&\$[-0.345412]&\$[-3.36916]&\$[-1.49173]&\$[3.12763]&

MM20B041
alpha = 0.00771105
FWER = 0.394447
SAMPLE FOR TTEST : SAMPLE no. 10
SAMPLE 1
NORMAL
\$[8.48542]&\$[21.5549]&\$[-5.68962]&\$[13.9272]&\$[20.9449]&
TREATED
\$[-5.15284]&\$[-0.705302]&\$[-0.0481122]&\$[-0.92808]&\$[8.50557]&
SAMPLE 2
NORMAL
\$[6.71635]&\$[-17.8458]&\$[-2.47567]&\$[5.49493]&\$[21.6461]&
TREATED
\$[4.12534]&\$[0.819161]&\$[3.81243]&\$[4.83621]&\$[3.04002]&
SAMPLE 3
NORMAL
\$[2.56329]&\$[3.03907]&\$[5.14433]&\$[3.39031]&\$[4.06192]&
TREATED
\$[-2.8889]&\$[9.02459]&\$[-0.875153]&\$[15.0874]&\$[10.3043]&
SAMPLE 4
NORMAL
\$[2.07778]&\$[6.37919]&\$[2.80436]&\$[-1.05391]&\$[7.90042]&
TREATED
\$[10.429]&\$[-0.789119]&\$[0.988142]&\$[-0.427491]&\$[0.0222868]&
SAMPLE 5
NORMAL
\$[-2.36188]&\$[-4.93092]&\$[-0.9987]&\$[2.79981]&\$[-7.46965]&

TREATED
\$[-8.51153]&\$[0.568483]&\$[2.09078]&\$[-12.0824]&\$[-6.59542]&
SAMPLE 6
NORMAL
\$[1.49873]&\$[-4.15254]&\$[2.40919]&\$[0.807025]&\$[6.34633]&
TREATED
\$[21.2372]&\$[14.2091]&\$[-5.46741]&\$[15.8355]&\$[2.32967]&
SAMPLE 7
NORMAL
\$[7.1891]&\$[13.1072]&\$[4.55703]&\$[-0.16993]&\$[7.59591]&
TREATED
\$[-1.12025]&\$[-4.34268]&\$[4.68813]&\$[3.68015]&\$[-2.60521]&
SAMPLE 8
NORMAL
\$[5.78338]&\$[-5.3875]&\$[-6.63489]&\$[3.69251]&\$[3.91033]&
TREATED
\$[-0.636432]&\$[2.07148]&\$[3.1282]&\$[0.795262]&\$[2.20858]&
SAMPLE 9
NORMAL
\$[2.5162]&\$[8.2306]&\$[0.859889]&\$[-5.14956]&\$[0.0890776]&
TREATED
\$[7.94539]&\$[-1.81768]&\$[-3.14454]&\$[-3.0343]&\$[-3.03514]&
SAMPLE 10
NORMAL
\$[3.95327]&\$[4.40551]&\$[5.60792]&\$[1.60104]&\$[3.44049]&
TREATED
\$[3.18836]&\$[-0.808554]&\$[-9.1694]&\$[2.62973]&\$[-4.93336]&

NA18B012
alpha = 0.0313689
FWER = 0.205188
SAMPLE FOR TTEST : SAMPLE no. 8
SAMPLE 1
NORMAL
\$[1.72245]&\$[0.560612]&\$[0.530556]&\$[0.430851]&\$[1.57855]&
TREATED
\$[2.36798]&\$[5.208]&\$[4.27592]&\$[11.6165]&\$[-6.10801]&
SAMPLE 2
NORMAL
\$[12.0374]&\$[-5.19425]&\$[4.36834]&\$[10.9496]&\$[-1.1459]&
TREATED
\$[0.35746]&\$[5.94481]&\$[13.1999]&\$[2.67314]&\$[-1.7238]&
SAMPLE 3
NORMAL
\$[4.73381]&\$[5.25261]&\$[-3.99483]&\$[3.89257]&\$[14.3509]&
TREATED
\$[-2.2748]&\$[-10.766]&\$[3.90862]&\$[19.0676]&\$[1.14276]&
SAMPLE 4
NORMAL
\$[8.56739]&\$[5.23566]&\$[1.56453]&\$[-1.05679]&\$[1.56608]&
TREATED
\$[-2.25285]&\$[5.51524]&\$[1.68341]&\$[2.42441]&\$[-0.427914]&
SAMPLE 5

NORMAL
\$[13.5575]&\$[-16.1233]&\$[-3.67494]&\$[14.586]&\$[0.781222]&
TREATED
\$[2.02116]&\$[6.78714]&\$[6.72695]&\$[1.64859]&\$[0.947266]&
SAMPLE 6
NORMAL
\$[2.49833]&\$[0.735434]&\$[-2.77399]&\$[0.698332]&\$[-0.724205]&
TREATED
\$[6.15429]&\$[1.27649]&\$[1.46784]&\$[1.89285]&\$[-0.496571]&
SAMPLE 7
NORMAL
\$[5.16354]&\$[-6.71856]&\$[-1.28839]&\$[4.63611]&\$[-1.69314]&
TREATED
\$[5.78447]&\$[1.93061]&\$[3.76266]&\$[9.56032]&\$[1.59462]&
SAMPLE 8
NORMAL
\$[18.7559]&\$[-0.270708]&\$[5.22516]&\$[5.94431]&\$[8.44711]&
TREATED
\$[7.83869]&\$[-11.0494]&\$[2.92693]&\$[-0.436736]&\$[-2.47985]&
SAMPLE 9
NORMAL
\$[-0.438179]&\$[0.982698]&\$[14.8038]&\$[11.8477]&\$[2.81505]&
TREATED
\$[-6.71253]&\$[-3.88847]&\$[-10.0398]&\$[4.24361]&\$[7.40133]&
SAMPLE 10
NORMAL
\$[11.1308]&\$[-11.0301]&\$[-9.68488]&\$[-0.422451]&\$[8.35038]&
TREATED
\$[-15.5407]&\$[-1.33914]&\$[-3.55375]&\$[5.72664]&\$[11.9471]&

NA18B019
alpha = 0.0396487
FWER = 0.232948
SAMPLE FOR TTEST : SAMPLE no. 5
SAMPLE 1
NORMAL
\$[0.433965]&\$[-7.48757]&\$[-13.8806]&\$[1.34376]&\$[4.32512]&
TREATED
\$[2.39721]&\$[12.1938]&\$[-2.09737]&\$[2.43743]&\$[-5.50395]&
SAMPLE 2
NORMAL
\$[5.58675]&\$[9.61472]&\$[7.5839]&\$[1.70212]&\$[0.949789]&
TREATED
\$[6.71281]&\$[0.470691]&\$[5.38997]&\$[4.97901]&\$[5.22112]&
SAMPLE 3
NORMAL
\$[-6.92199]&\$[-7.55611]&\$[-5.76379]&\$[5.61274]&\$[15.8324]&
TREATED
\$[1.42919]&\$[2.52788]&\$[3.49193]&\$[1.29129]&\$[-2.23553]&
SAMPLE 4
NORMAL
\$[-4.9338]&\$[-5.05519]&\$[6.67578]&\$[5.14503]&\$[0.139864]&
TREATED

\$[8.48498]&,\$[4.08424]&,\$[1.43718]&,\$[5.41752]&,\$[5.10894]&
SAMPLE 5
NORMAL
\$[-0.264171]&,\$[-5.16051]&,\$[10.698]&,\$[0.255945]&,\$[0.683567]&
TREATED
\$[-1.45787]&,\$[-3.4663]&,\$[5.07341]&,\$[1.45571]&,\$[2.84875]&
SAMPLE 6
NORMAL
\$[1.55447]&,\$[4.7806]&,\$[0.671089]&,\$[-2.72958]&,\$[-3.76456]&
TREATED
\$[8.9265]&,\$[15.9701]&,\$[12.1908]&,\$[3.74353]&,\$[2.38435]&
SAMPLE 7
NORMAL
\$[3.14368]&,\$[2.2376]&,\$[3.11389]&,\$[2.30875]&,\$[4.76237]&
TREATED
\$[12.5033]&,\$[1.83209]&,\$[-6.7301]&,\$[-1.80964]&,\$[-6.59658]&
SAMPLE 8
NORMAL
\$[-8.55762]&,\$[-3.16289]&,\$[5.05815]&,\$[-1.85541]&,\$[7.03519]&
TREATED
\$[3.3164]&,\$[-10.2721]&,\$[-2.03487]&,\$[14.4166]&,\$[-4.47457]&
SAMPLE 9
NORMAL
\$[4.7841]&,\$[-16.7033]&,\$[-2.56283]&,\$[0.063626]&,\$[11.9309]&
TREATED
\$[1.36116]&,\$[-1.0171]&,\$[5.69651]&,\$[-1.79184]&,\$[2.68805]&
SAMPLE 10
NORMAL
\$[3.45611]&,\$[5.35452]&,\$[3.87324]&,\$[1.88319]&,\$[2.83939]&
TREATED
\$[-0.102448]&,\$[1.88865]&,\$[-1.50917]&,\$[-1.78893]&,\$[1.13666]&