

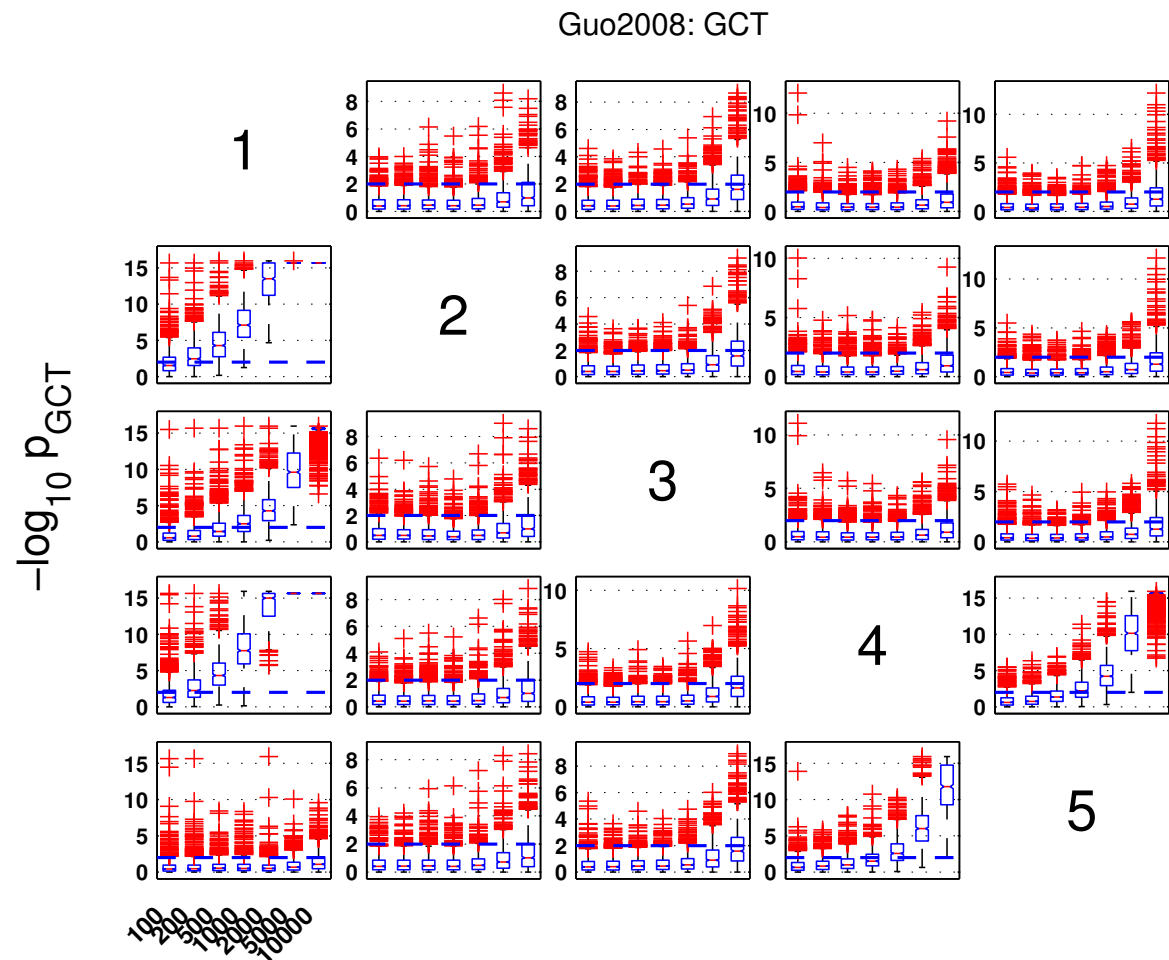
Guo 2008 analysis

=== Boxplot GCT ===

```
str_var = 'GCT';
str_varname = 'pValuesGct';
str_bartitle = 'Guo2008: ';
str_suptitle = 'GCT (Wald)';
xboxplot_var;
```

trueStruct =

NaN	0	0	0	0
1	NaN	0	0	0
1	0	NaN	0	0
1	0	0	NaN	1
0	0	0	1	NaN

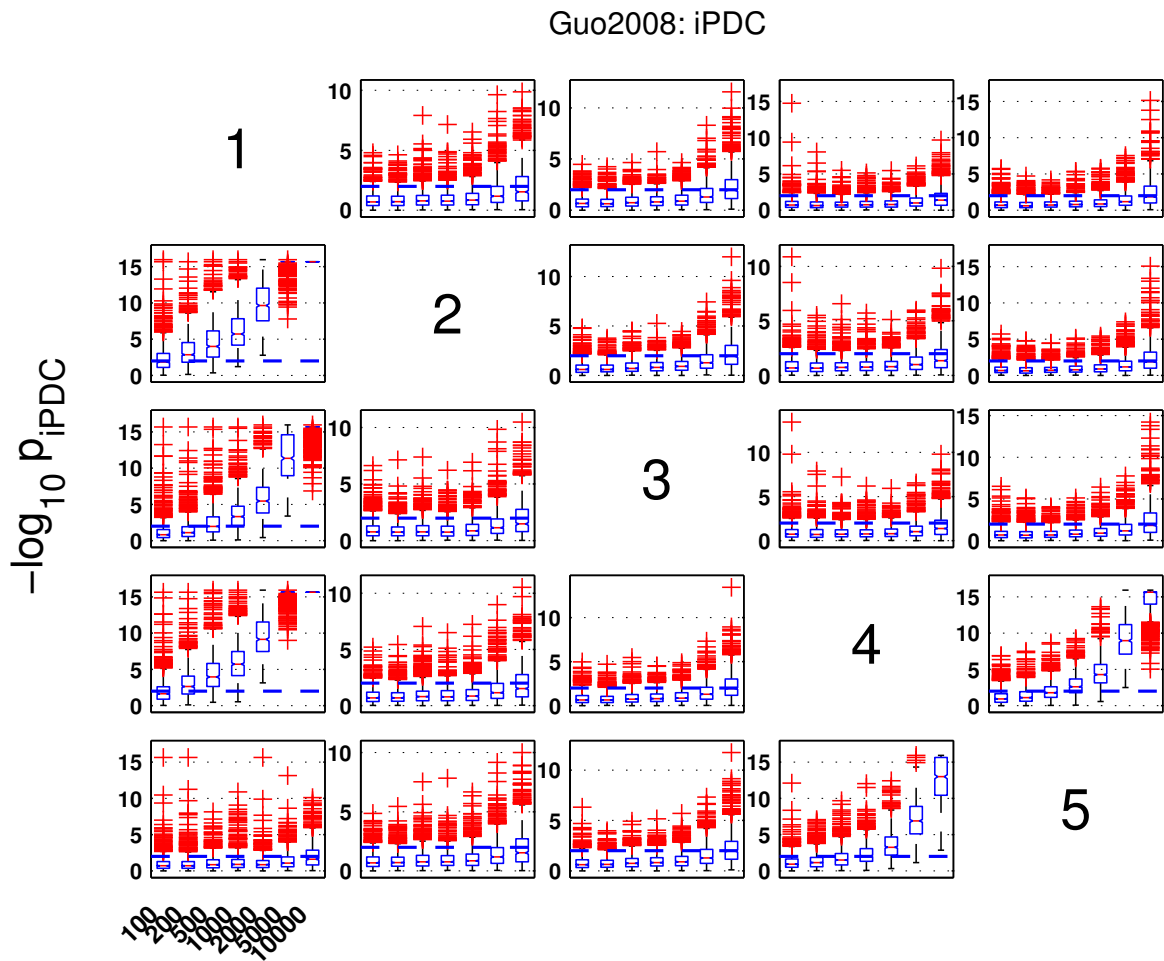


===== Boxplot iPDC =====

```

str_var = 'iPDC';
str_varname = 'pValuesiPdc';
str_bartitle = 'Guo2008: ';
str_suptitle = 'iPDC';
xboxplot_var;

```



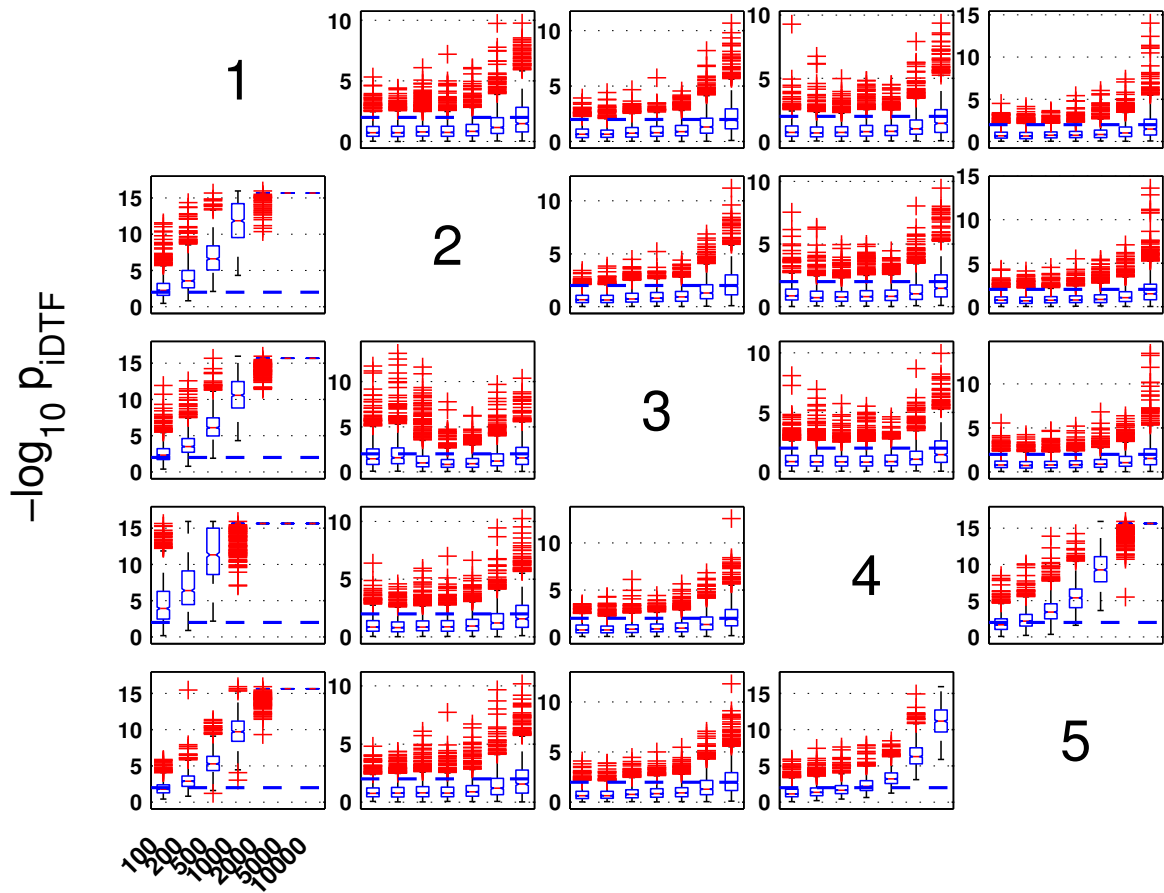
===== Boxplot 3 =====

```

str_var = 'iDTF';
str_varname = 'pValuesiDtf';
str_bartitle = 'Guo2008: ';
str_suptitle = 'iDTF';
xboxplot_var;

```

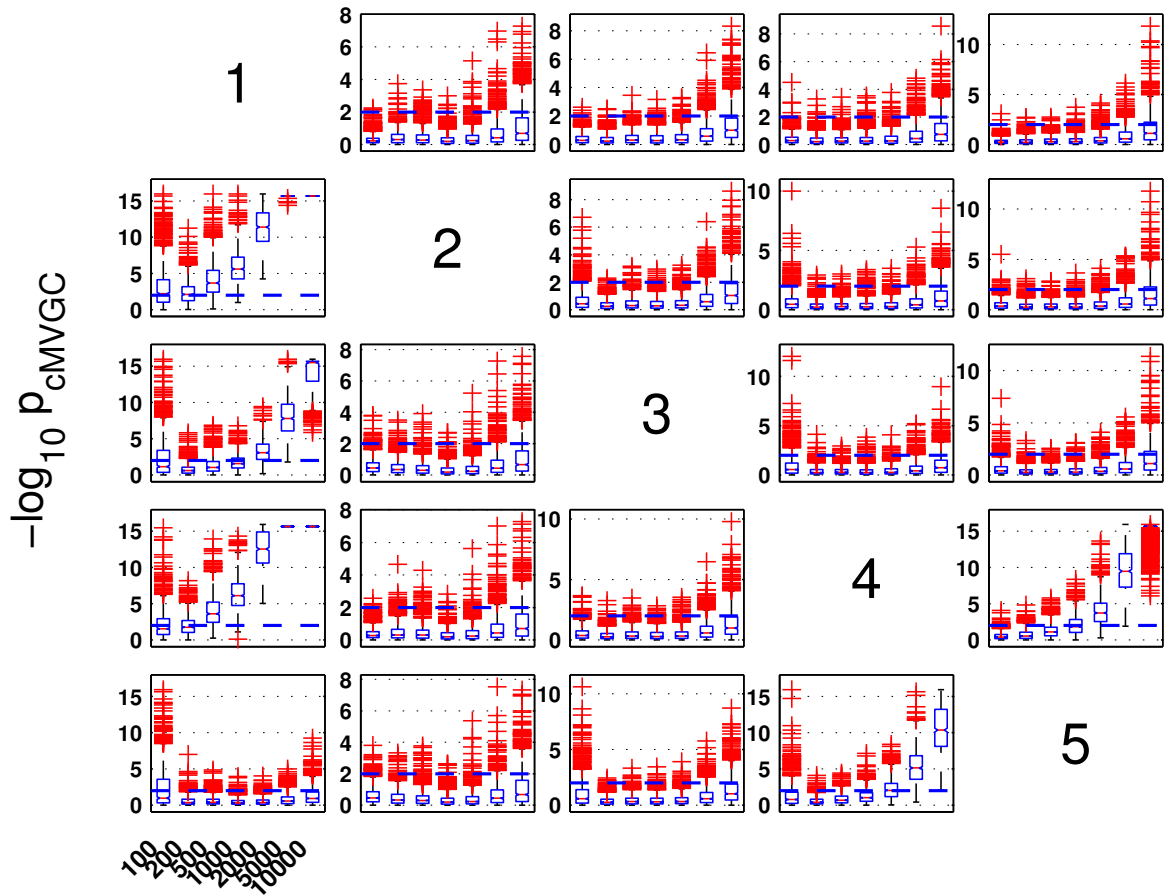
Guo2008: iDTF



=====**Boxplot 4**=====

```
str_var = 'cMVGC';
str_varname = 'pValmvgc';
str_bartitle = 'Guo2008: ';
str_suptitle = 'MVGC';
xboxplot_var;
```

Guo2008: cMVGC



===== Scatterplot GCT x iPDC =====

```
str_varX = 'pValuesGct';
str_FNX = ''; % GCT: ''; iPDC: 'ipdc'; SethGC: 'mv'
str_measureX = 'GCT';
str_varY = 'pValuesiPdc';
str_FNY = 'ipdc'; % see above
str_measureY = 'iPDC';
str_model = 'Guo2008: ';
flgAdj = 0;
```

```
str_suptitle = 'MVGC';
```

```
xscatterplot_vars;
```

```
-----
Guo2008: : GCT x iPDC
-----
```

```
ns = 100:
```

```
b =
```

NaN	1.1357	0.9609	1.0379	1.0709
0.9753	NaN	0.9932	1.0498	1.0674
1.0644	1.1124	NaN	1.0519	1.0814

```

0.9736    1.1481    0.9773    NaN    1.1221
1.0437    1.1375    0.9933    1.0230    NaN
rho =
    NaN    0.9660    0.9393    0.9426    0.9606
0.9580    NaN    0.9346    0.9521    0.9548
0.9711    0.9652    NaN    0.9461    0.9590
0.9619    0.9667    0.9369    NaN    0.9748
0.9687    0.9688    0.9450    0.9544    NaN
-----
ns = 200:
b =
    NaN    1.0984    0.9572    1.0690    1.0671
0.9739    NaN    0.9685    1.0639    1.0764
1.0276    1.0645    NaN    1.0861    1.0732
0.9781    1.1181    0.9838    NaN    1.1310
1.0382    1.0891    0.9483    1.0865    NaN
rho =
    NaN    0.9664    0.9238    0.9516    0.9621
0.9545    NaN    0.9259    0.9494    0.9620
0.9757    0.9588    NaN    0.9496    0.9636
0.9583    0.9706    0.9277    NaN    0.9787
0.9624    0.9644    0.9249    0.9547    NaN
-----
ns = 500:
b =
    NaN    1.1591    1.0514    1.0727    1.1103
1.0144    NaN    1.0448    1.0783    1.0886
1.0400    1.1370    NaN    1.0796    1.1095
0.9314    1.1613    1.0560    NaN    1.0176
1.0628    1.1682    1.0438    1.0884    NaN
rho =
    NaN    0.9460    0.9268    0.9276    0.9453
0.8826    NaN    0.9297    0.9328    0.9365
0.9711    0.9529    NaN    0.9349    0.9449
0.8649    0.9495    0.9326    NaN    0.9717
0.9527    0.9475    0.9230    0.9667    NaN
-----
ns = 1000:
b =
    NaN    1.1696    1.0447    1.1516    1.1630
0.7741    NaN    1.0455    1.1339    1.1496
1.1475    1.1643    NaN    1.1207    1.1690
0.7397    1.1506    1.0649    NaN    0.8875
1.1312    1.1509    1.0551    1.0670    NaN
rho =
    NaN    0.9452    0.9392    0.9455    0.9503
0.7603    NaN    0.9341    0.9468    0.9480
0.9680    0.9470    NaN    0.9473    0.9503
0.8220    0.9469    0.9421    NaN    0.9569
0.9470    0.9458    0.9384    0.9583    NaN
-----
ns = 2000:
b =
    NaN    1.1597    1.0756    1.0787    1.1850
0.7251    NaN    1.0619    1.0791    1.1847
1.1588    1.1507    NaN    1.0776    1.1740
0.6275    1.1591    1.0842    NaN    0.8403
1.1204    1.1543    1.0775    1.0417    NaN
rho =
    NaN    0.9478    0.9369    0.9417    0.9505

```

0.6596	NaN	0.9354	0.9414	0.9571
0.9671	0.9502	NaN	0.9422	0.9560
0.6262	0.9467	0.9359	NaN	0.9383
0.9378	0.9504	0.9351	0.9514	NaN

ns = 5000:

b =

NaN	1.1577	1.0276	1.0838	1.1834
NaN	NaN	1.0308	1.0995	1.1825
1.0562	1.1610	NaN	1.1016	1.1827
NaN	1.1573	1.0281	NaN	0.7926
1.1915	1.1597	1.0419	0.9670	NaN

rho =

NaN	0.9616	0.9451	0.9629	0.9711
NaN	NaN	0.9421	0.9645	0.9720
0.9211	0.9659	NaN	0.9642	0.9705
NaN	0.9656	0.9414	NaN	0.9019
0.9589	0.9650	0.9448	0.9282	NaN

ns = 10000:

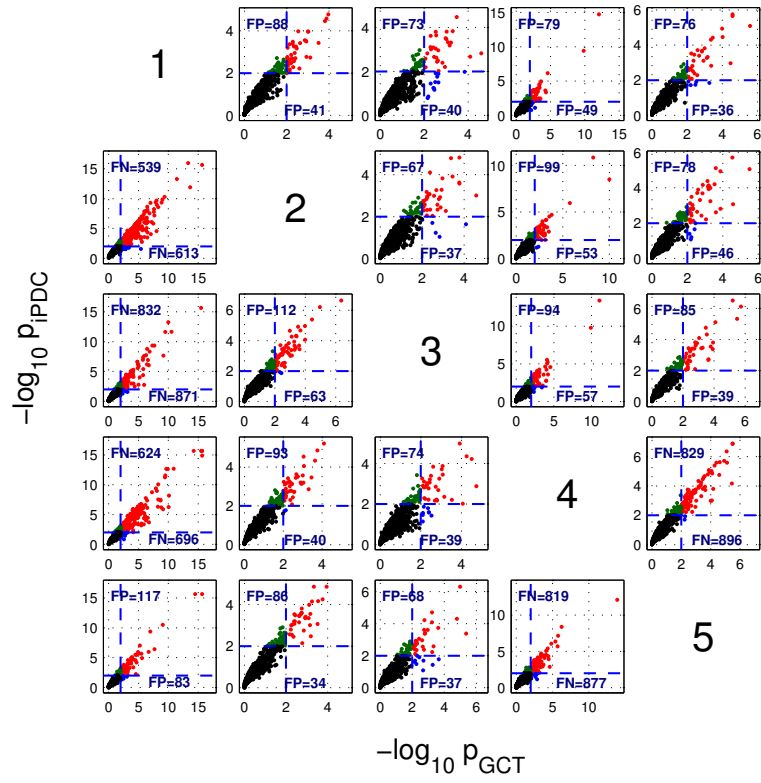
b =

NaN	1.1906	0.9843	1.0649	1.2168
NaN	NaN	0.9862	1.0804	1.2146
0.7114	1.1817	NaN	1.0673	1.2174
NaN	1.1795	0.9813	NaN	0.7923
1.1109	1.1826	0.9959	0.8248	NaN

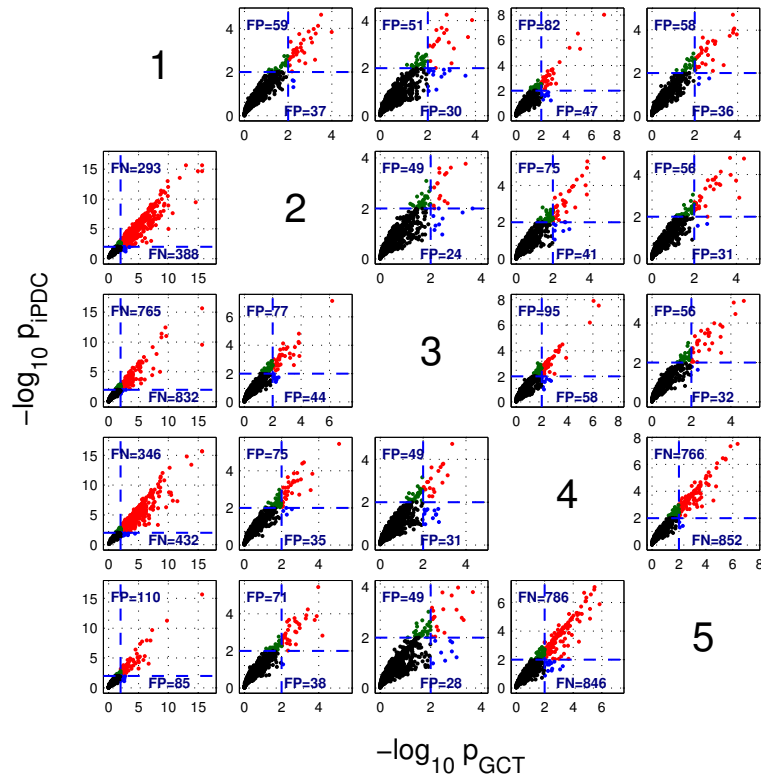
rho =

NaN	0.9759	0.9304	0.9765	0.9812
NaN	NaN	0.9333	0.9752	0.9815
0.7002	0.9748	NaN	0.9765	0.9804
NaN	0.9759	0.9286	NaN	0.7278
0.9674	0.9757	0.9314	0.8350	NaN

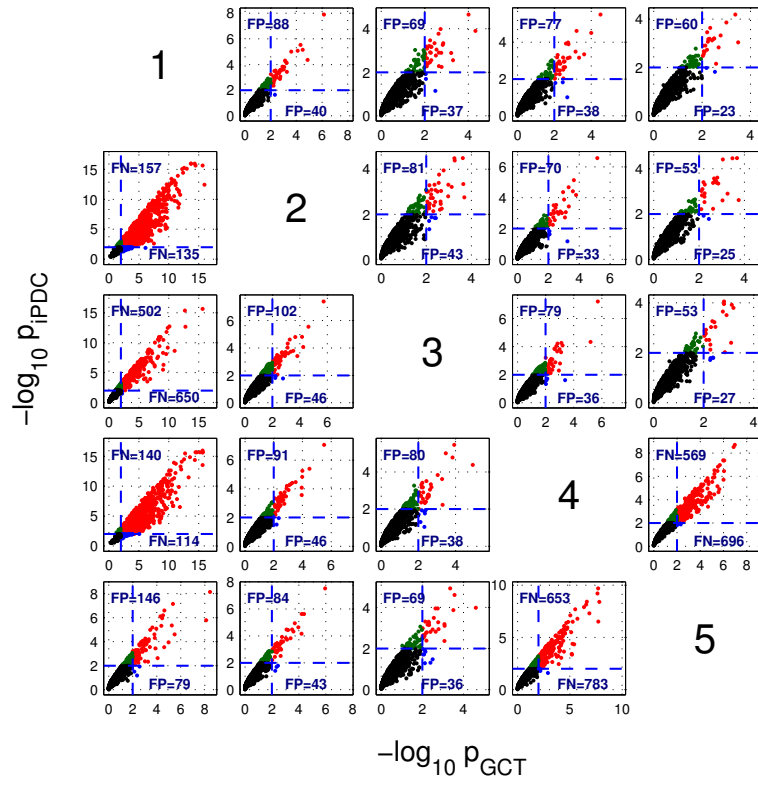
Guo2008: ns=100: GCT x iPDC



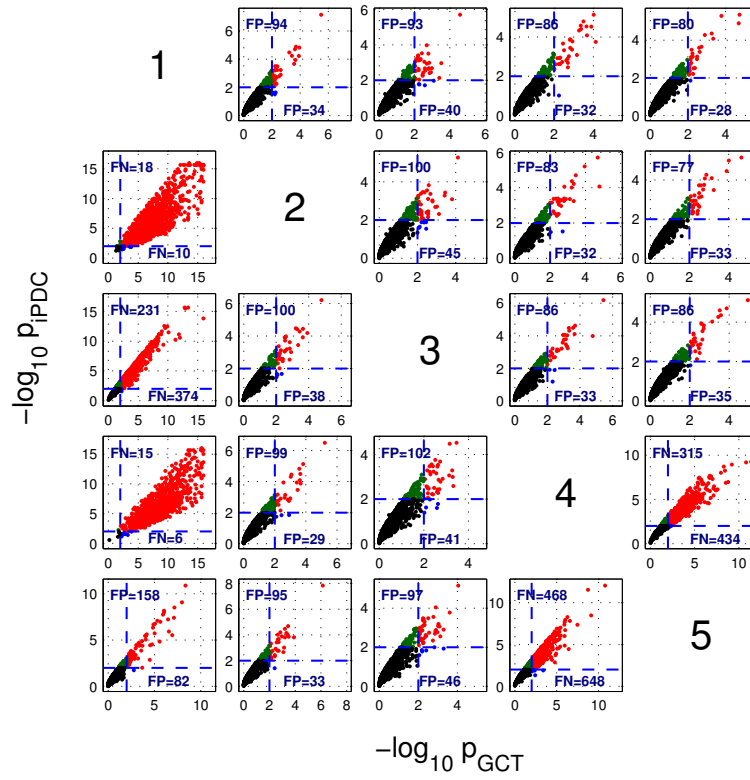
Guo2008: ns=200: GCT x iPDC



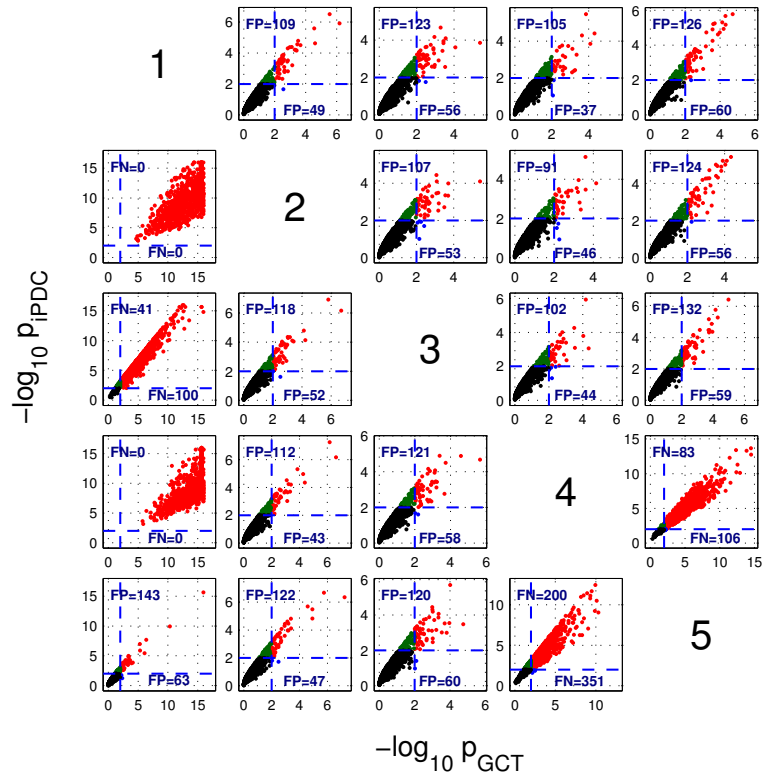
Guo2008: ns=500: GCT x iPDC



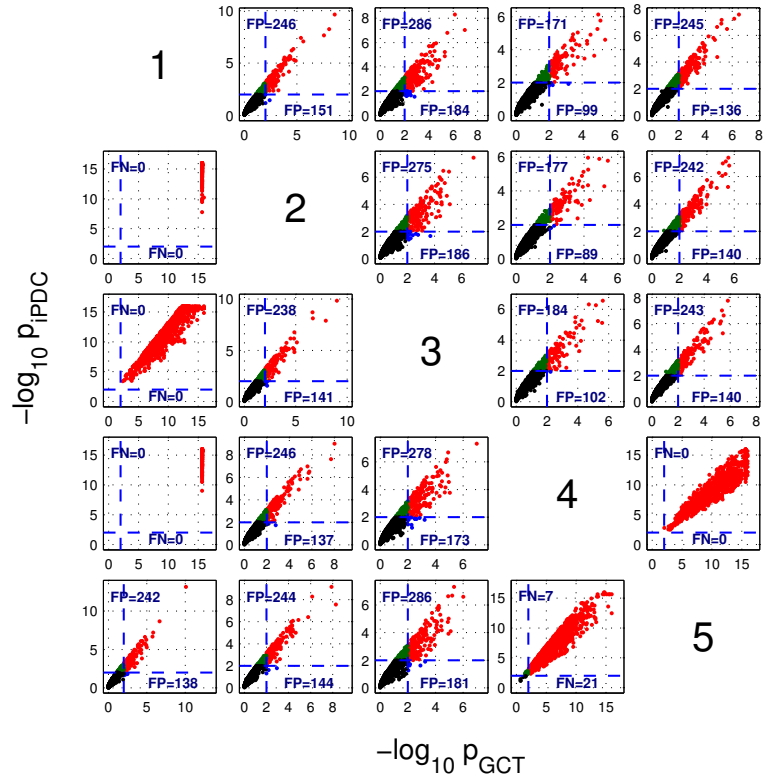
Guo2008: ns=1000: GCT x iPDC



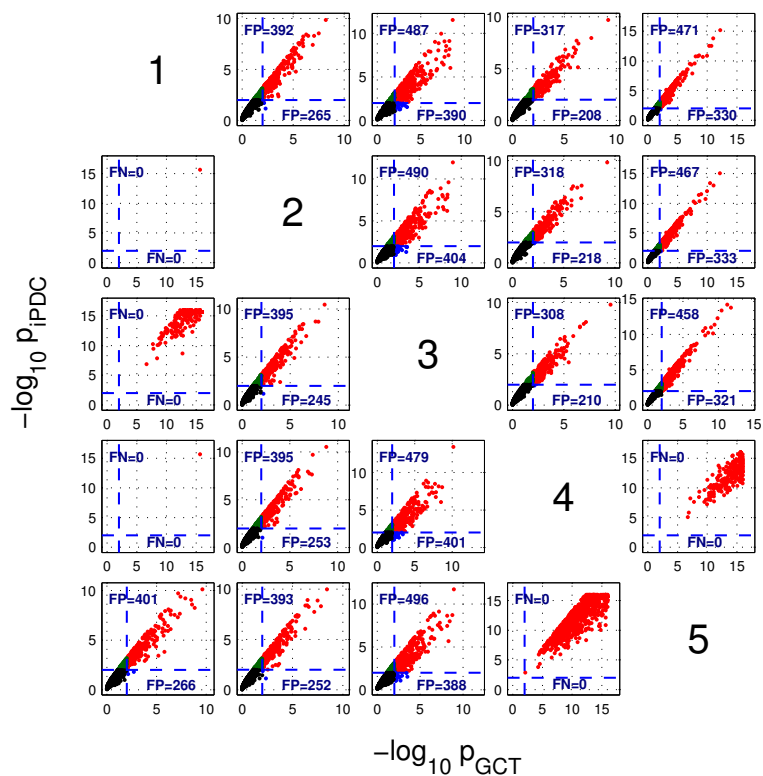
Guo2008: ns=2000: GCT x iPDC



Guo2008: ns=5000: GCT x iPDC



Guo2008: ns=10000: GCT x iPDC



=== Scatterplot GCT x cMVGT=====

X

```
str_varX = 'pValuesGct';
str_FNX = '';
str_measureX = 'GCT';
str_varY = 'pValmvgc';
str_FNY = 'mv';
str_measureY = 'cMVGC';
str_model = 'Guo2008: ';
flgAdj = 1;
```

xscatterplot_vars

Guo2008: : GCT x cMVGC

ns = 100:

b =

NaN	0.4167	0.4462	0.3419	0.3725
0.7513	NaN	0.7886	0.7112	0.5696
0.7790	0.5818	NaN	0.8891	0.7407
0.5682	0.4777	0.5618	NaN	0.4817
1.0842	0.7405	1.1973	0.9170	NaN

rho =

	NaN	0.8787	0.8311	0.7902	0.8737
	0.5210	NaN	0.7185	0.6883	0.8009
	0.5292	0.8410	NaN	0.6574	0.7587
	0.6441	0.8852	0.7719	NaN	0.8804
	0.5033	0.8414	0.6363	0.5992	NaN

ns = 200:

b =

	NaN	0.6775	0.5065	0.4629	0.5629
	0.5322	NaN	0.5501	0.4998	0.6201
	0.4076	0.5937	NaN	0.5176	0.6112
	0.4928	0.7416	0.5571	NaN	0.6686
	0.5263	0.7385	0.5534	0.4591	NaN

rho =

	NaN	0.9124	0.8739	0.8885	0.9191
	0.8072	NaN	0.8810	0.8782	0.9154
	0.8600	0.8842	NaN	0.8890	0.9193
	0.8042	0.9155	0.8751	NaN	0.9364
	0.8856	0.9128	0.8803	0.8682	NaN

ns = 500:

b =

	NaN	0.6111	0.6416	0.5722	0.6793
	0.6987	NaN	0.6551	0.5550	0.6680
	0.3692	0.5591	NaN	0.5812	0.6827
	0.6340	0.6282	0.6624	NaN	0.7839
	0.3915	0.6420	0.6495	0.5476	NaN

rho =

	NaN	0.8335	0.9026	0.8747	0.9100
	0.7628	NaN	0.8972	0.8782	0.9000
	0.7756	0.8218	NaN	0.8813	0.9050
	0.7671	0.8239	0.9034	NaN	0.9463
	0.8059	0.8225	0.8971	0.8968	NaN

ns = 1000:

b =

	NaN	0.5509	0.6736	0.7199	0.7535
	0.7038	NaN	0.6697	0.6931	0.7506
	0.4613	0.5588	NaN	0.7058	0.7447
	0.7143	0.5450	0.6786	NaN	0.8168
	0.3797	0.5473	0.6831	0.6937	NaN

rho =

	NaN	0.9490	0.9412	0.9401	0.9620
	0.9343	NaN	0.9382	0.9402	0.9605
	0.8907	0.9488	NaN	0.9412	0.9633
	0.9453	0.9510	0.9425	NaN	0.9819
	0.9397	0.9486	0.9402	0.9417	NaN

ns = 2000:

b =

	NaN	0.6826	0.7052	0.7221	0.8303
	0.8157	NaN	0.7121	0.7155	0.8217
	0.5705	0.6704	NaN	0.7169	0.8166
	0.8031	0.6862	0.7294	NaN	0.8795
	0.5834	0.6848	0.7151	0.7573	NaN

rho =

	NaN	0.9472	0.9356	0.9449	0.9628
	0.9488	NaN	0.9335	0.9436	0.9656
	0.9193	0.9480	NaN	0.9429	0.9665
	0.9206	0.9460	0.9367	NaN	0.9834

	0.9674	0.9454	0.9356	0.9512	NaN
--	--------	--------	--------	--------	-----

ns = 5000:

b =

	NaN	0.8025	0.7534	0.8561	0.9058
	NaN	NaN	0.7488	0.8553	0.9065
	0.7609	0.7943	NaN	0.8559	0.8981
	NaN	0.8042	0.7470	NaN	0.9464
	0.7673	0.8025	0.7564	0.8431	NaN

rho =

	NaN	0.9661	0.9400	0.9647	0.9796
	NaN	NaN	0.9377	0.9631	0.9799
	0.9595	0.9660	NaN	0.9632	0.9795
	NaN	0.9668	0.9365	NaN	0.9903
	0.9907	0.9687	0.9402	0.9643	NaN

ns = 10000:

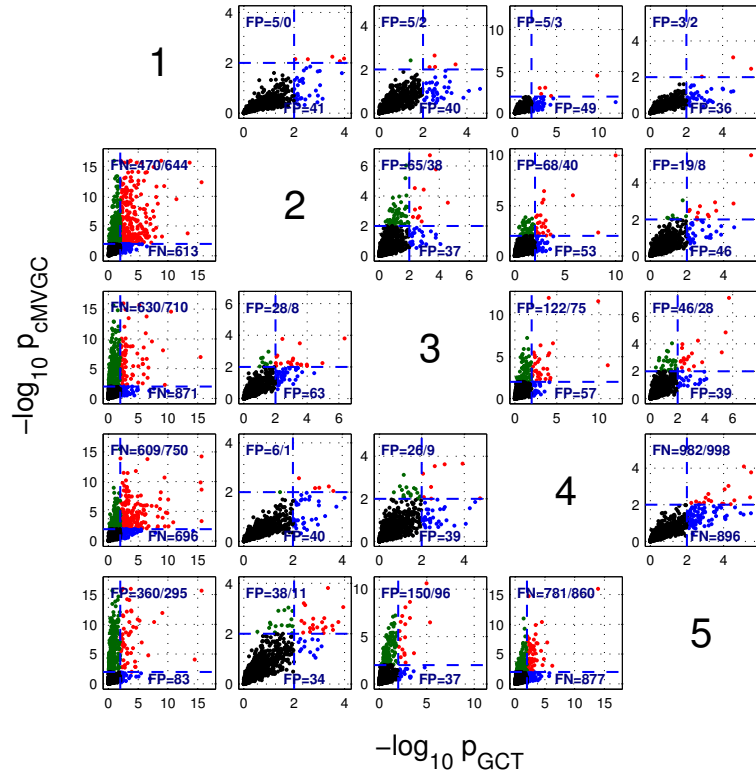
b =

	NaN	0.8601	0.7904	0.9124	0.9499
	NaN	NaN	0.7845	0.9140	0.9503
	0.8260	0.8597	NaN	0.9152	0.9485
	NaN	0.8613	0.7908	NaN	0.9995
	0.8956	0.8562	0.7931	0.8830	NaN

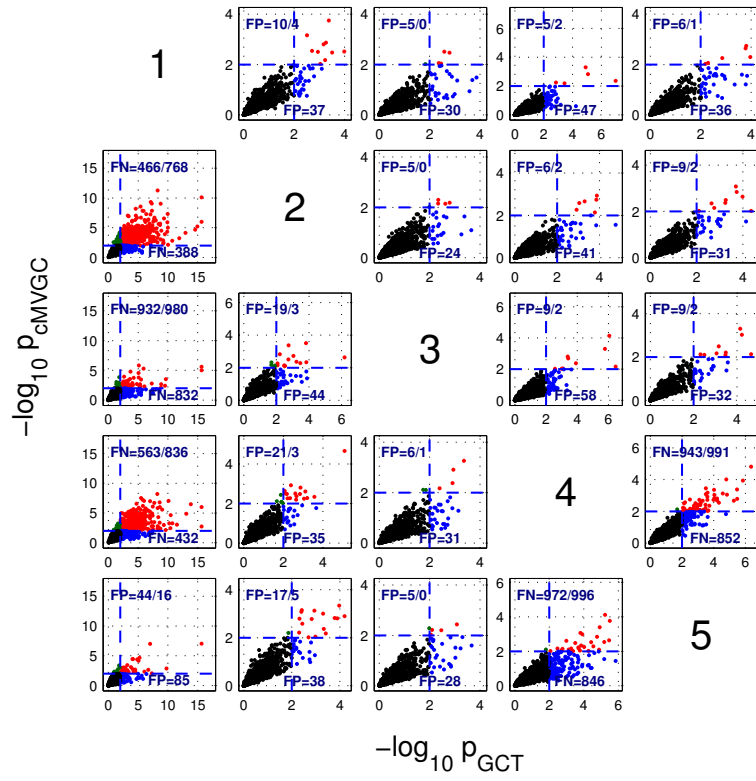
rho =

	NaN	0.9754	0.9253	0.9785	0.9877
	NaN	NaN	0.9286	0.9787	0.9887
	0.9031	0.9745	NaN	0.9799	0.9876
	NaN	0.9752	0.9258	NaN	0.9807
	0.9950	0.9756	0.9285	0.9470	NaN

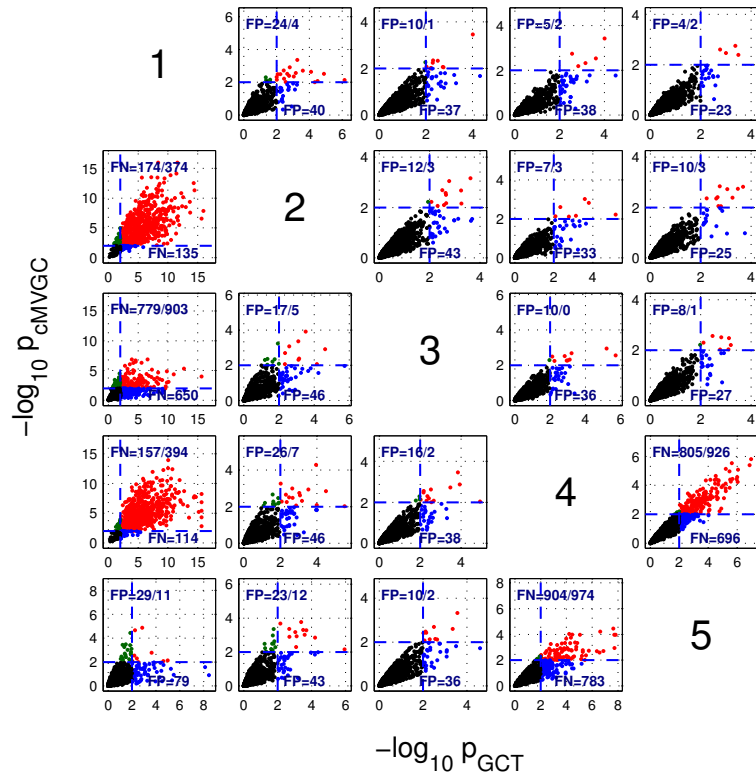
Guo2008: ns=100: GCT x cMVGC



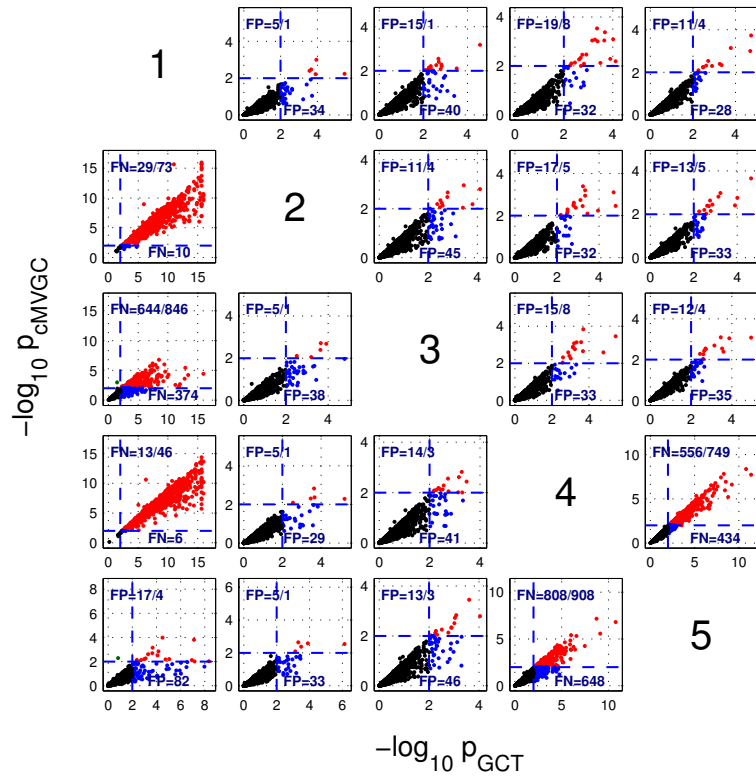
Guo2008: ns=200: GCT x cMVGC



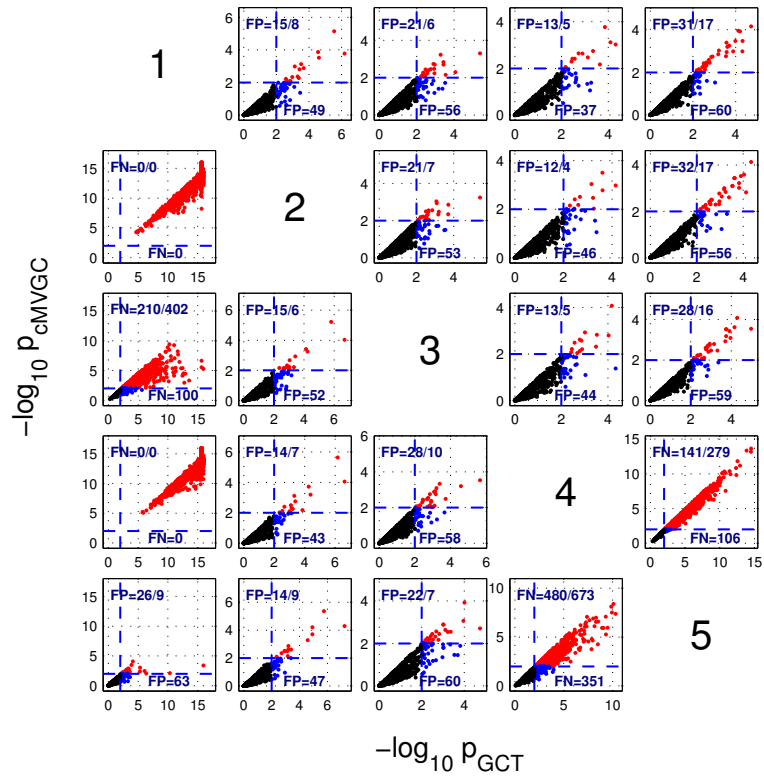
Guo2008: ns=500: GCT x cMVGC



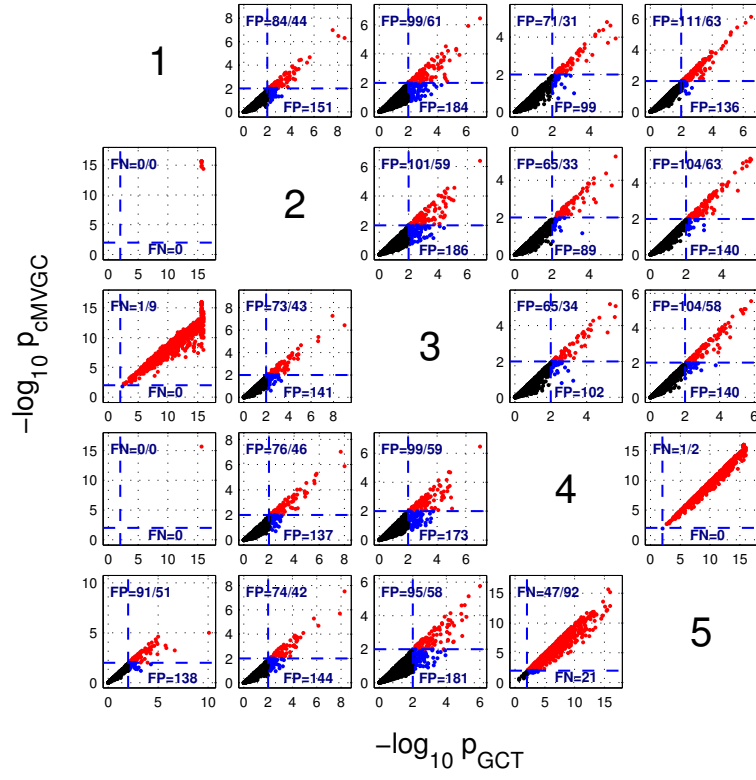
Guo2008: ns=1000: GCT x cMVGC



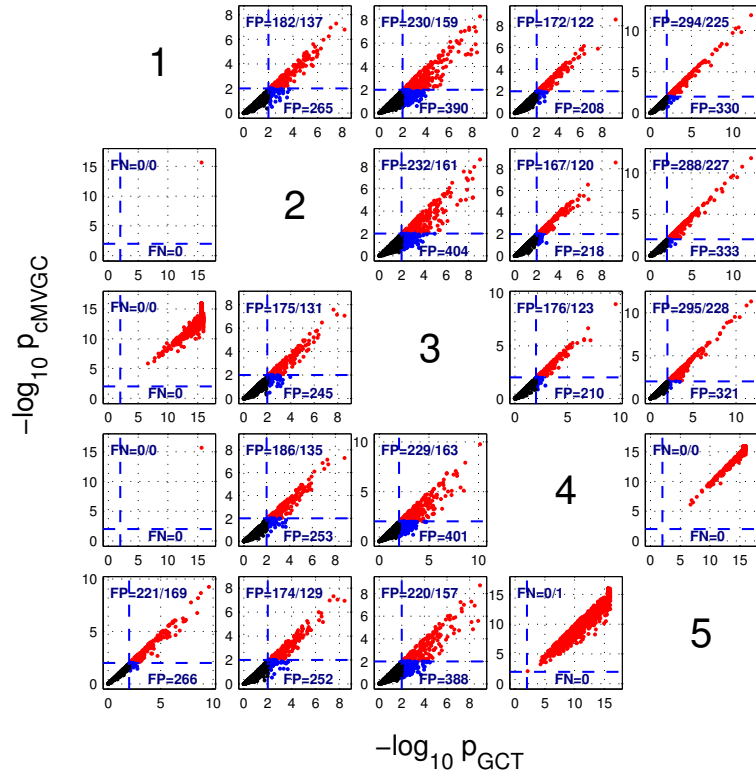
Guo2008: ns=2000: GCT x cMVGC



Guo2008: ns=5000: GCT x cMVGC



Guo2008: ns=10000: GCT x cMVGC



===== Scatterplot GCT x conditional MVGT 1 a 5 =====

```

str_varX = 'pValuesGctT';
str_FNX = 'T';
str_measureX = 'GCT';
str_varY = 'pValmvgtT';
str_FNY = 'mvT';
str_measureY = 'cMVGC';
str_model = 'Guo2008 true order ';
flgAdj = 1;

```

xscatterplot_vars

Guo2008 true order : GCT x cMVGC

ns = 100:

b =

NaN	0.3624	0.4390	0.3068	0.4383
0.2203	NaN	0.4447	0.3506	0.4301
0.1654	0.3740	NaN	0.3237	0.4290
0.1618	0.3614	0.4294	NaN	0.4524
0.1335	0.3551	0.4345	0.3881	NaN

rho =

NaN	0.9269	0.9080	0.8926	0.9285
0.8181	NaN	0.9088	0.9016	0.9316
0.8445	0.9313	NaN	0.8942	0.9370
0.8063	0.9274	0.9117	NaN	0.9351
0.8356	0.9349	0.9170	0.9083	NaN

ns = 200:

b =

NaN	0.4235	0.5694	0.4403	0.5632
0.3712	NaN	0.5514	0.4301	0.5657
0.2226	0.4186	NaN	0.4613	0.5666
0.3222	0.4187	0.5671	NaN	0.6136
0.2073	0.4285	0.5597	0.4703	NaN

rho =

NaN	0.9343	0.9199	0.9159	0.9461
0.8621	NaN	0.9253	0.9080	0.9509
0.8610	0.9378	NaN	0.9137	0.9481
0.8526	0.9374	0.9191	NaN	0.9633
0.8703	0.9370	0.9218	0.9131	NaN

ns = 500:

b =

NaN	0.4951	0.6472	0.5552	0.6502
0.5775	NaN	0.6547	0.5354	0.6273
0.3355	0.4840	NaN	0.5416	0.6396
0.5879	0.4857	0.6622	NaN	0.7506
0.2961	0.4825	0.6430	0.5559	NaN

rho =

NaN	0.9285	0.9371	0.9165	0.9484
0.9213	NaN	0.9336	0.9221	0.9428
0.8724	0.9280	NaN	0.9233	0.9485
0.9170	0.9269	0.9372	NaN	0.9665
0.8946	0.9350	0.9355	0.9372	NaN

ns = 1000:

```

b =
      NaN    0.5479    0.6721    0.7152    0.7541
    0.7039      NaN    0.6673    0.6888    0.7513
    0.4612    0.5567      NaN    0.7032    0.7453
    0.7160    0.5417    0.6767      NaN    0.8163
    0.3791    0.5421    0.6801    0.6928      NaN

rho =
      NaN    0.9461    0.9398    0.9379    0.9597
    0.9370      NaN    0.9362    0.9381    0.9588
    0.8928    0.9458      NaN    0.9411    0.9611
    0.9483    0.9454    0.9387      NaN    0.9824
    0.9364    0.9440    0.9373    0.9398      NaN

-----
ns = 2000:
b =
      NaN    0.6827    0.7054    0.7218    0.8306
    0.8155      NaN    0.7122    0.7152    0.8220
    0.5702    0.6705      NaN    0.7167    0.8166
    0.8022    0.6863    0.7293      NaN    0.8796
    0.5831    0.6850    0.7152    0.7567      NaN

rho =
      NaN    0.9474    0.9361    0.9449    0.9631
    0.9488      NaN    0.9343    0.9437    0.9658
    0.9191    0.9485      NaN    0.9430    0.9667
    0.9206    0.9464    0.9371      NaN    0.9838
    0.9674    0.9459    0.9362    0.9509      NaN

-----
ns = 5000:
b =
      NaN    0.8038    0.7533    0.8590    0.9083
      NaN      NaN    0.7501    0.8613    0.9089
    0.7617    0.7955      NaN    0.8587    0.8994
      NaN    0.8061    0.7472      NaN    0.9468
    0.7686    0.8038    0.7567    0.8440      NaN

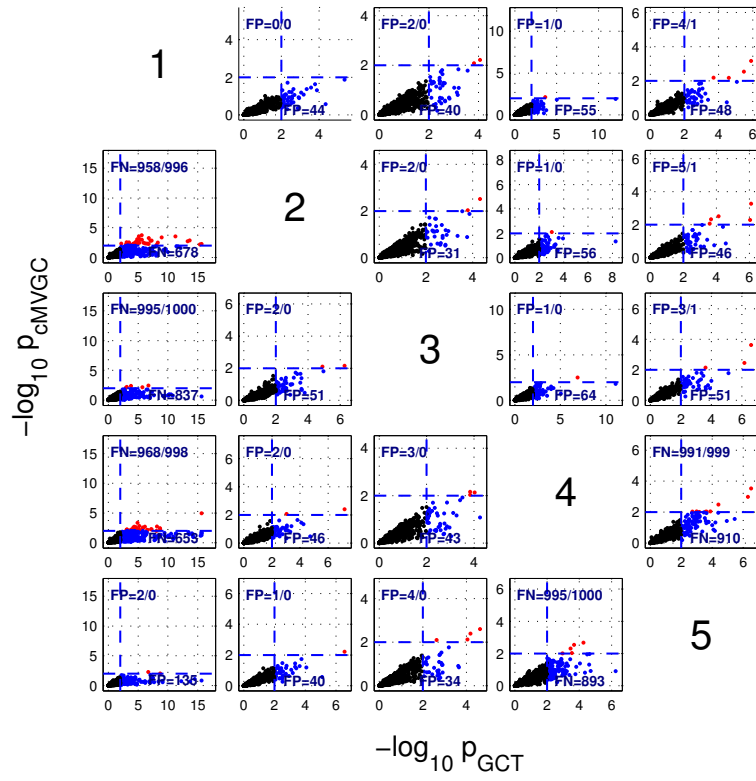
rho =
      NaN    0.9668    0.9394    0.9647    0.9799
      NaN      NaN    0.9363    0.9630    0.9803
    0.9602    0.9668      NaN    0.9631    0.9800
      NaN    0.9674    0.9352      NaN    0.9905
    0.9912    0.9694    0.9391    0.9643      NaN

-----
ns = 10000:
b =
      NaN    0.8659    0.7906    0.9142    0.9504
      NaN      NaN    0.7852    0.9161    0.9509
    0.8334    0.8647      NaN    0.9167    0.9486
      NaN    0.8680    0.7912      NaN    1.0008
    0.8981    0.8623    0.7933    0.8825      NaN

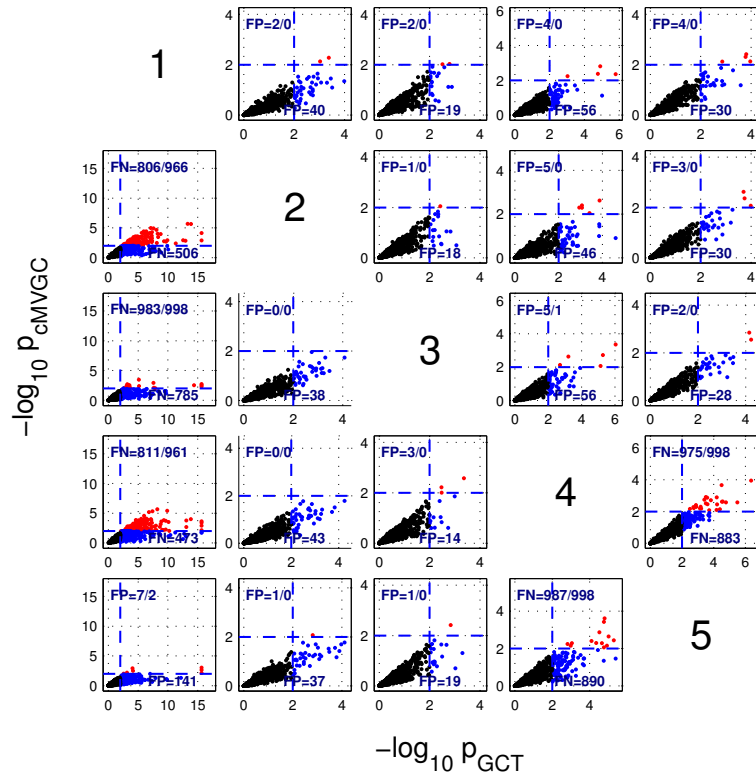
rho =
      NaN    0.9766    0.9261    0.9788    0.9880
      NaN      NaN    0.9295    0.9790    0.9891
    0.9040    0.9757      NaN    0.9801    0.9879
      NaN    0.9764    0.9266      NaN    0.9830
    0.9956    0.9771    0.9292    0.9469      NaN

```

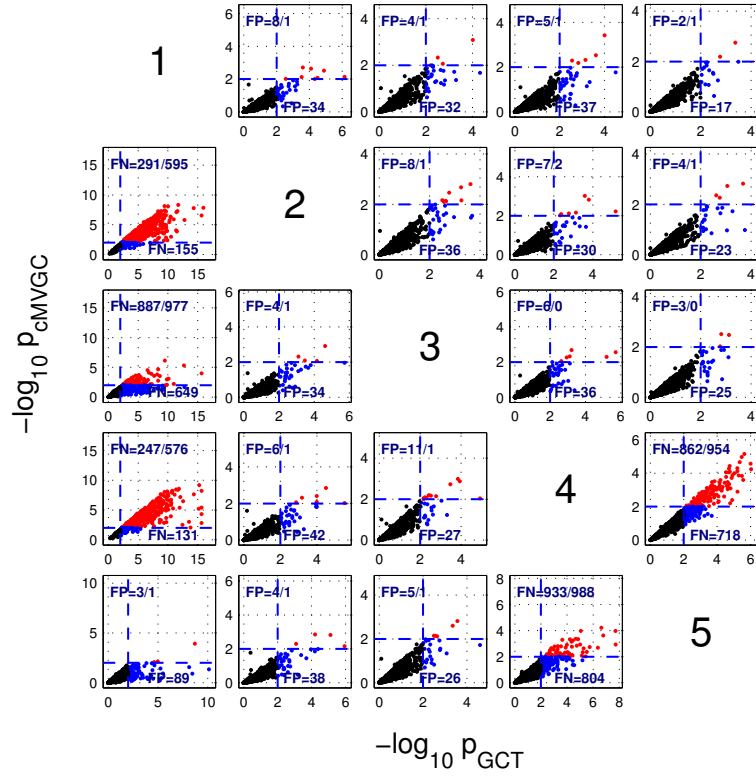
Guo2008 true order ns=100: GCT x cMVGC



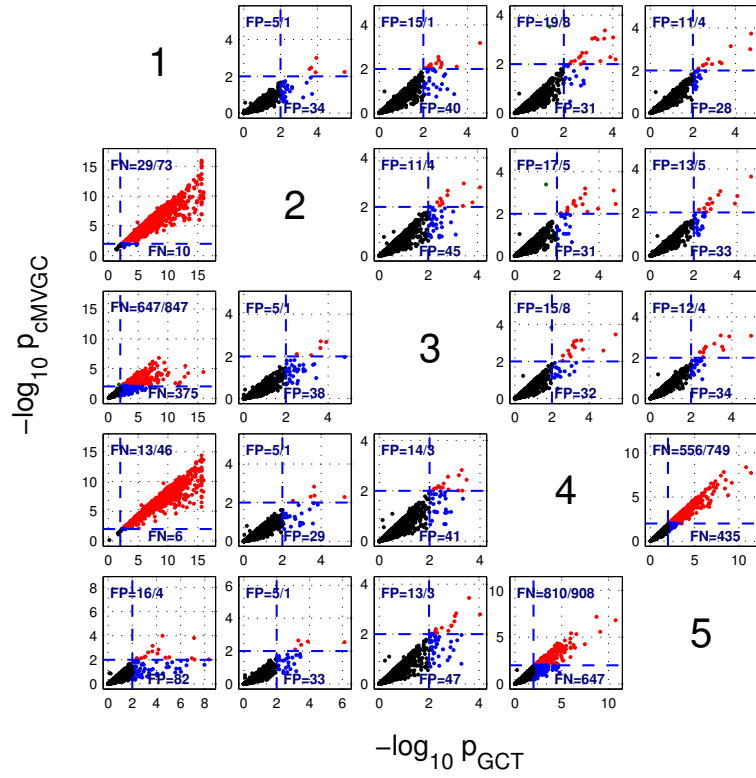
Guo2008 true order ns=200: GCT x cMVGC



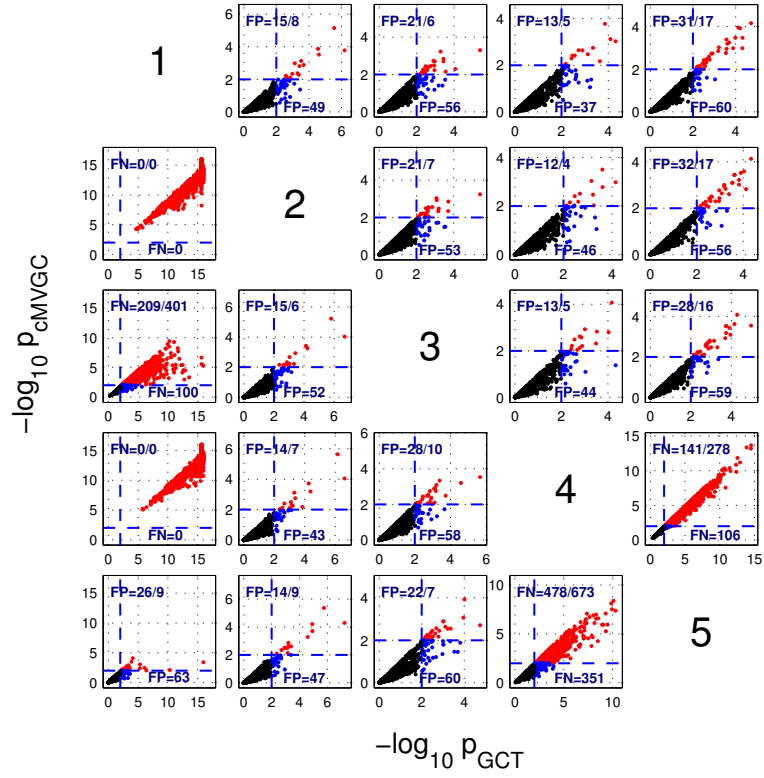
Guo2008 true order ns=500: GCT x cMVGC



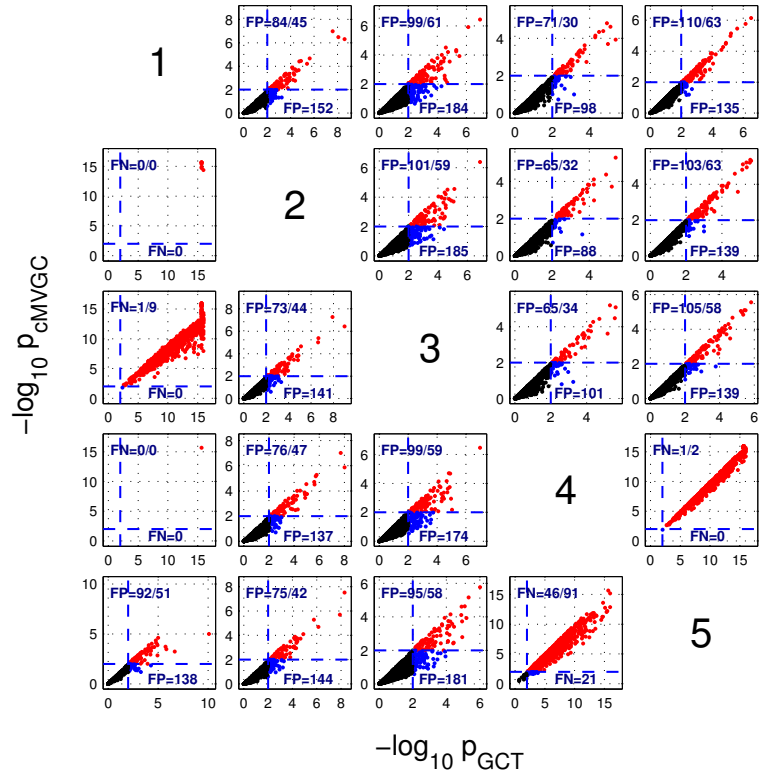
Guo2008 true order ns=1000: GCT x cMVGC



Guo2008 true order ns=2000: GCT x cMVGC



Guo2008 true order ns=5000: GCT x cMVGC



Guo2008 true order ns=10000: GCT x cMVGC

