In [1]:
```
using DataFrames
```

QTL + Markers

In [2]:
```
; paste G/*/Correlation.G5.G.PBLUP.txt > All.Correlation.G5.G.PBLUP.txt
```

In [3]:
```
; paste G/*/Correlation.G5.G.JC.txt > All.Correlation.G5.G.JC.txt
```

In [4]:
```
; paste G/*/Correlation.G5.G.J.txt > All.Correlation.G5.G.J.txt
```

In [5]:
```
; paste G/*/Correlation.G5.G.C.txt > All.Correlation.G5.G.C.txt
```

In [6]:
```
; paste G/*/Correlation.G5.G.N.txt > All.Correlation.G5.G.N.txt
```

In [7]:
```
; paste G/*/Regression.G5.G.PBLUP.txt > All.Regression.G5.G.PBLUP.txt
```

In [8]:
```
; paste G/*/Regression.G5.G.JC.txt > All.Regression.G5.G.JC.txt
```

In [9]:
```
; paste G/*/Regression.G5.G.J.txt > All.Regression.G5.G.J.txt
```

In [10]:
```
; paste G/*/Regression.G5.G.C.txt > All.Regression.G5.G.C.txt
```

In [11]:
```
; paste G/*/Regression.G5.G.N.txt > All.Regression.G5.G.N.txt
```

In [12]:
```
GCorPBLUP = convert(Array,readtable("All.Correlation.G5.G.PBLUP.txt",separator=' ',header=false))
```

Out[12]:
```
1x10 Array{Float64,2}:
 0.308552  0.333257  0.312148  0.286801  …  0.301713  0.33162  0.311197
```

In [13]:
```
GCorJC = convert(Array,readtable("All.Correlation.G5.G.JC.txt",separator=' ',header=false))
```

Out[13]:
```
1x10 Array{Float64,2}:
 0.942591  0.938511  0.928919  0.925828  …  0.950761  0.936537  0.937251
```

In [14]:
```
GCorJ = convert(Array,readtable("All.Correlation.G5.G.J.txt",separator=' ',header=false))
```

Out[14]:
```
1x10 Array{Float64,2}:
 0.942753  0.938101  0.931047  0.925945  …  0.951329  0.93668  0.937839
```

In [15]:
```
GCorC = convert(Array,readtable("All.Correlation.G5.G.C.txt",separator=' ',header=false))
```

Out[15]:
```
1x10 Array{Float64,2}:
 0.933153  0.921738  0.911175  0.916162  …  0.939311  0.927455  0.923644
```

In [16]:
```
GCorN = convert(Array,readtable("All.Correlation.G5.G.N.txt",separator=' ',header=false))
```

Out[16]:
```
1x10 Array{Float64,2}:
 0.933134  0.921819  0.910875  0.916034  …  0.939266  0.927086  0.923446
```

In [17]:
```
GRegPBLUP = convert(Array,readtable("All.Regression.G5.G.PBLUP.txt",separator=' ',header=false))
```

Out[17]:
```
1x10 Array{Float64,2}:
 0.982125  1.02308  0.896942  0.814022  …  0.912882  0.995094  0.930022
```

In [18]:
```
GRegJC = convert(Array,readtable("All.Regression.G5.G.JC.txt",separator=' ',header=false))
```

Out[18]:
```
1x10 Array{Float64,2}:
 1.2049  1.1067  1.14003  1.11919  …  1.2199  1.20933  1.0948  1.13857
```

In [19]:
```
GRegJ = convert(Array,readtable("All.Regression.G5.G.J.txt",separator=' ',header=false))
```

Out[19]:
```
1x10 Array{Float64,2}:
 1.20423  1.10674  1.1386  1.1194  …  1.22  1.20703  1.09457  1.13912
```

In [20]:
```
GRegC = convert(Array,readtable("All.Regression.G5.G.C.txt",separator=' ',header=false))
```

Out[20]:
```
1x10 Array{Float64,2}:
 1.22396  1.11027  1.14491  1.11777  …  1.22312  1.2223  1.09809  1.14488
```

In [21]:
```
GRegN = convert(Array,readtable("All.Regression.G5.G.N.txt",separator=' ',header=false))
```

Out[21]:
```
1x10 Array{Float64,2}:
 1.22431  1.11063  1.14455  1.11802  …  1.22307  1.22181  1.09776  1.14482
```

In [22]:
```
mean(GCorPBLUP)
```

Out[22]: 0.3132810425581784

In [23]:
```
mean(GCorJC)
```

Out[23]: 0.9367677152134638

In [24]:
```
mean(GCorJ)
```

Out[24]: 0.9371278885087492

In [25]:
```
mean(GCorC)
```

Out[25]: 0.9242266196460681

In [26]:
```
mean(GCorN)
```

Out[26]: 0.9241560461215084

In [27]:
```
mean(GRegPBLUP)
```

Out[27]: 0.9399815770819397

In [28]:
```
mean(GRegJC)
```

Out[28]: 1.155159330481532

In [29]:
```
mean(GRegJ)
```

Out[29]: 1.1546897618950944

In [30]:
```
mean(GRegC)
```

Out[30]: 1.1609608691023423

In [31]:
```
mean(GRegN)
```

Out[31]: 1.1610382729563615

In [32]:
```
std(GCorPBLUP)
```

Out[32]: 0.019898849537337088

In [33]:
```
std(GCorJC)
```

Out[33]: 0.009252989631081012

In [34]:
```
std(GCorJ)
```

Out[34]: 0.009200414742120185

In [35]:
```
std(GCorC)
```

Out[35]: 0.011788138341032192

In [36]:
```
std(GCorN)
```

Out[36]: 0.011822762650690242

In [37]:
```
std(GRegPBLUP)
```

Out[37]: 0.05859490826358122

In [38]:
```
std(GRegJC)
```

Out[38]: 0.05895404411182864

In [39]:
```
std(GRegJ)
```

Out[39]: 0.058662354505369864

In [40]:
```
std(GRegC)
```

Out[40]: 0.06255450126331613

In [41]:
```
std(GRegN)
```

Out[41]: 0.06264326214807553