

Here's one we prepared earlier...

- Ran linkage across the chromosome using the loop function
- Used grep to extract the -2ll at each marker from the .mxo

- Obtained the standardised path coefficients for the QLT vector
 - I ident nvar nvar
 - End matrices;
 - Begin algebra;
 - $D = (\sqrt{I.(A+Q+E)});$
 - $G = D^{-1} * Y;$
 - End algebra;
 - option MXG=chol_q_stnd.txt

Y:\graphing\COM_Q_STND.TXT

```
(6013.6) GROUP 1 FU MATRIX G 3 ROWS, 1 COL  
-0.191018D+00-0.490899D+00-0.378737D-01  
-0.185381D+00-0.485606D+00-0.400271D-01  
-0.179151D+00-0.479573D+00-0.413421D-01  
 0.172687D+00 0.471720D+00 0.442966D-01  
-0.165721D+00-0.450707D+00-0.405886D-01  
-0.159225D+00-0.433042D+00-0.390049D-01  
-0.157449D+00-0.443366D+00-0.500981D-01  
-0.152643D+00-0.446403D+00-0.546252D-01  
-0.145532D+00-0.442572D+00-0.537256D-01  
-0.136819D+00-0.432731D+00-0.488890D-01
```

- Read this in excel – replace D with E