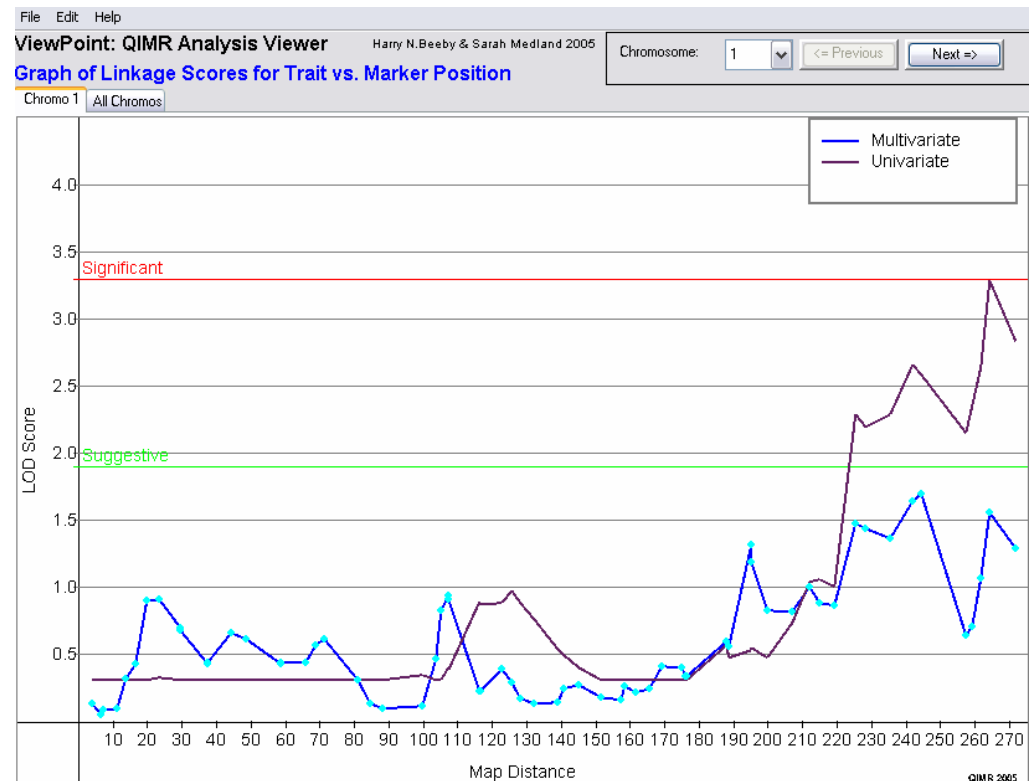# Viewpoint

(http://genepi.qimr.edu.au/viewapps/)

Plotting Program for Linkage Results

Harry Beeby & Sarah Medland

Queensland Institute of Medical Research
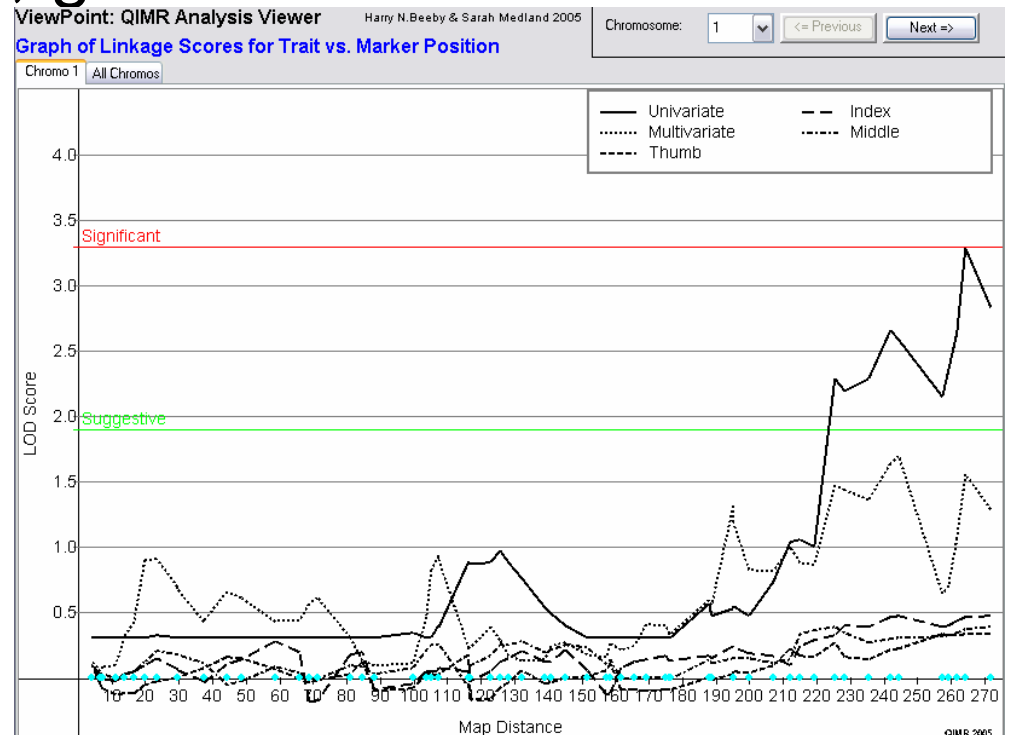
A quick and easy way to view linkage results

Two main types of plots

- Univariate

- Multivariate-Univariate comparison

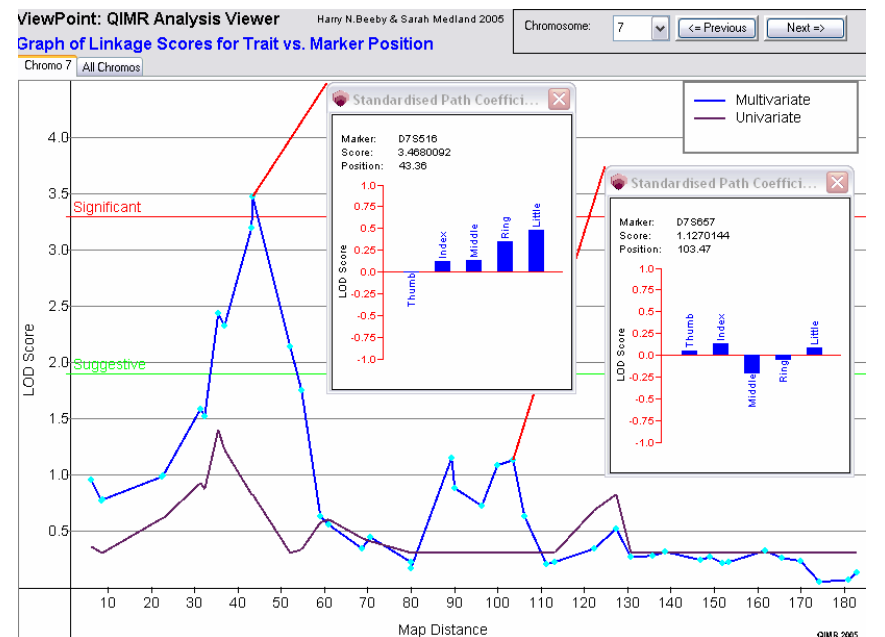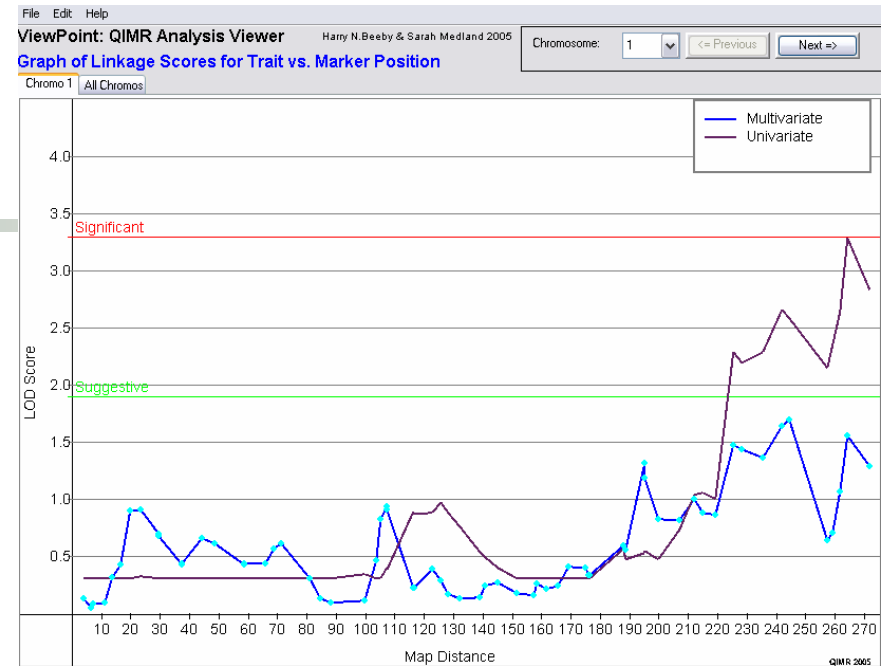 ○ Can view all chromosomes at once or one at a time

Univariate Plots

- **Unlimited number of traits**

- **Easy to customise**
  - colours, line style, grid and reference lines

Multivariate Plots

- Compare univariate and multivariate results

- Display path coefficients in 'pop up' windows

Input format

- ## Tab delimited

- ## Univariate Plot

Chromosome, Map distance, Marker name, LOD scores/Chi-squares

- ## Multivariate Plot

Chromosome, Map distance, Marker name,

Univariate LOD score, Multivariate LOD score,

Path coefficients (maximum of 10)

- **To plot**
  - Go to: File/open file
  - Select file
  - Specify Univariate or Multivariate

- **Customise using the Edit menu**
  - Change axis tiles/ colours/ font size
  - Change line style/ width/ colour

- **Results can be printed or saved as jpg**