| Inferr          | ring Genetic Architecture              | e       |
|-----------------|--|---------|
| of Con          | nlex Biological Process                | -<br>65 |
|                 | ipier Diological i locess              | 05      |
| BioPharmace     | eutical Technology Center Institute (H | BTCI)   |
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| http://         | www.stat.wisc.edu/~yandell/statgen     |         |
| fri 14 jul 2006 | BTCI Yandell © 2006                    | 1       |

| 1 why study                  | multiple traits together?       | 2-10  |
|------------------------------|---------------------------------|-------|
| - diabetes                   | case study                      | 2-10  |
| 2. design issu               | ues                             | 11-13 |
| - selective<br>3. why are tr | pnenotyping<br>aits correlated? | 14-17 |
| - close lin                  | kage or pleiotropy?             | 111,  |
| 4. modern hi                 | gh throughput                   | 18-31 |
| – principal                  | components & discriminant ana   | lysis |





















































