





























Mixture Information Study	
16 cases	
31 evidence items 41 genotype matches	
<u>Crime</u> homicide (7) sexual assault (5) assault (2) death investigation (1) robbery (1)	Item clothing (12) weapon (6) vehicle (5) skin swab (3) vaginal swab (3) fingernail (1) rectal swab (1)

























Conclusions

CPI locus statistic relative to true information

- CPI does not correlate well with identification information
 CPI acts like a random positive number generator
 more loci give a higher statistic; not more information

- 28% of the time CPI overstates actual information
- · lower error with the major of a two person mixture
- time to move on ... probabilistic genotyping and LR

