



1







- 1. We incorrectly assume items exhibiting DIF impact all members of a manifest group
- 2. Miss items functioning differentially based on the latent attribute but not the manifest
- 3. Underestimate the magnitude of the 'true DIF'



















Over	lap Nec	essary f	or Powe	er > 0.8
	2000		500	
	DIF	Overlap	DIF	Overlap
	1.20	0.70	1.20	0.80
50/50	0.80	0.80	0.80	0.90
	0.40	1.00	0.40	Never
	1.20	0.70	1.20	0.90
80/20	0.80	0.80	0.80	1.00
	0.40	1.00	0.40	Never



			Sincation	
B Classification			C Classification	
Magnit	ude	Overlap	Magnitude	Overlap
1.20)	70%	1.20	80%
0.80)	80%	0.80	90%
0.40)	100%	0.40	Never

A latent class approach can yield information that is more accurate and enlightening

- Items with DIF
- Proportions of manifest groups in classes
- Means of latent classes