METHOD OF BOUNDS

precinct 1: 90% Dem, 10% Rep, 85% Black, 15% White

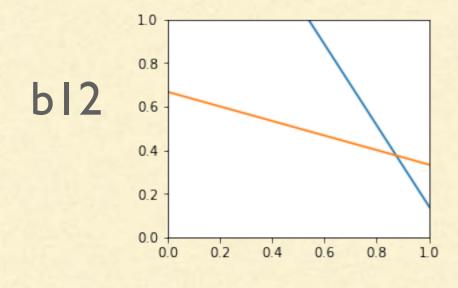| PRECINCT	DEMOCRAT	REPUBLICAN	
Black	$b^i_{11} = ??$	$b^i_{12} = ??$	$X_{1,i}$
White	$b^i_{21} = ??$	$b^i_{22} = ??$	$X_{2,i} = 1 - X_{1,i}$
	$T_{1,i}$	$T_{2,i} = 1 - T_{1,i}$	

Note: $0.9 = .85b11 + .15b12$
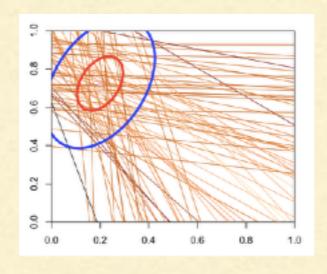
$.33 < b12 \leq 1$

KING'S ECOLOGICAL INFERENCE
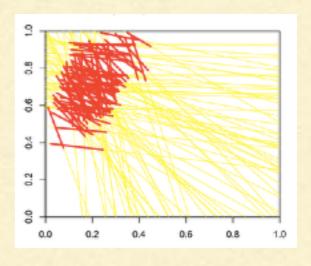
precinct 1: 70% Dem, 30% Rep, 65% Black, 35% White
precinct 2: 50% Dem, 50% Rep, 25% Black, 75% White

$.7 = .65b11 + .35b12$
$.5 = .25b11 + .75b12$