Regression Plots for poverty Y and Fitted vs. X Residuals versus poverty 25 murder fitted 2 20 15 murder resid 0 10 5 0 10.0 12.5 15.0 17.5 20.0 22.5 12.5 17.5 10.0 15.0 20.0 22.5 poverty poverty Partial regression plot **CCPR Plot** Residual + poverty*beta_3 10 2 8 e(murder | X) 0 -6 -2 2

2

12.5

15.0

poverty

17.5

20.0

22.5

10.0

-4

-2

e(poverty | X)