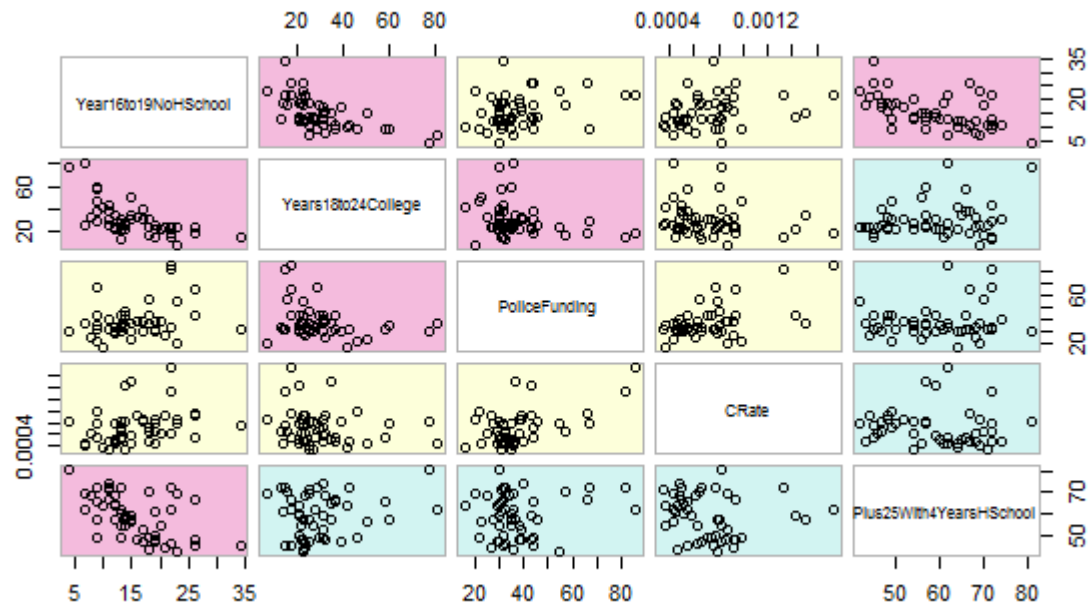
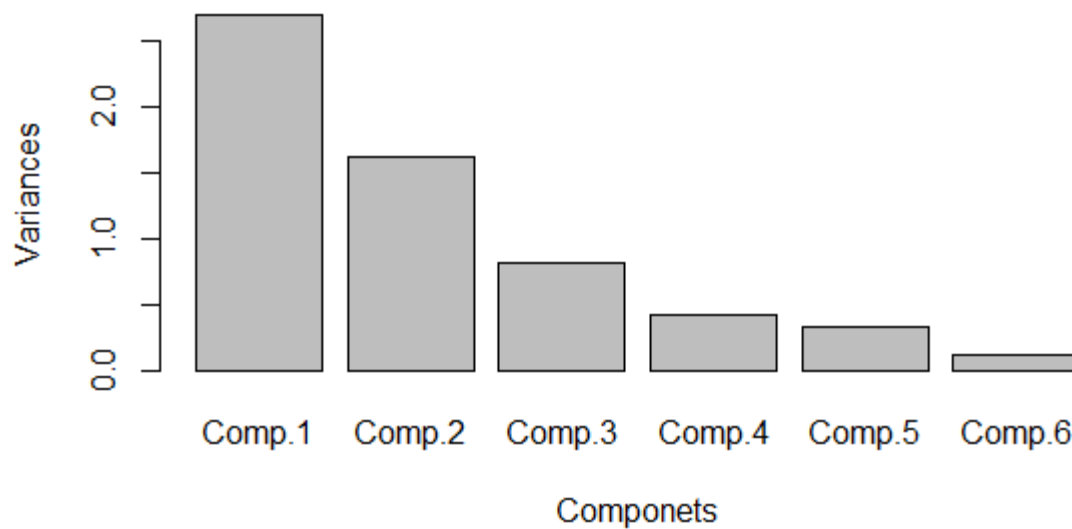


CRIME RATE



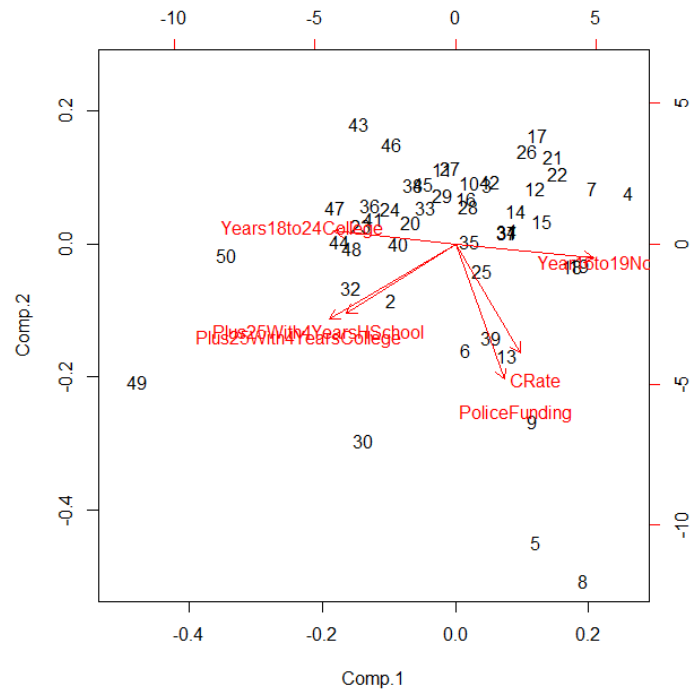
Depiction of correlations between variables

Scree Plot



Importance of components:

	Comp.1	Comp.2	Comp.3	Comp.4	Comp.5	Comp.6
Standard dev.	1.6422135	1.2724688	0.9074078	0.6499739	0.57080481	0.335
Proportion of Var.	0.4494775	0.2698628	0.1372315	0.0704110	0.05430302	0.019
Cumulative Proportion	0.4494775	0.7193404	0.8565718	0.9269828	0.98128586	1.00



How variables line up against one another

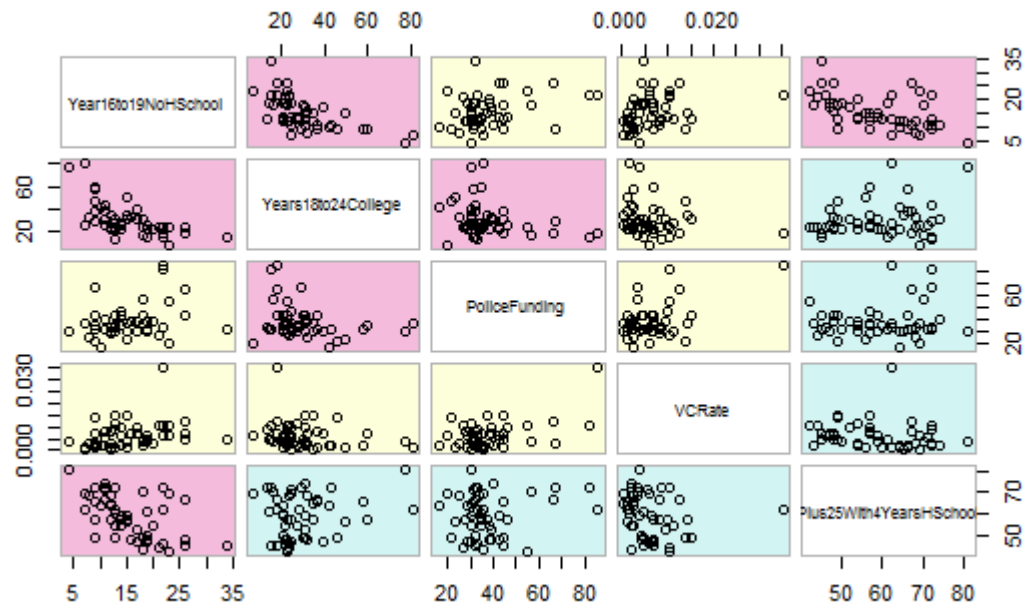
	Comp.1	Comp.2	Comp.3	Comp.4	Comp.5	Comp.6
CRate	0.248	-0.537	0.495	0.589	-0.240	
PoliceFunding	0.187	-0.667		-0.378	0.609	
Plus25With4YearsHSchool	-0.418	-0.345	-0.570	0.241	-0.202	-0.532
Year16to19NoHSchool	0.531			-0.507	-0.578	-0.348
Years18to24College	-0.465		0.648	-0.273		-0.527
Plus25With4YearsCollege	-0.481	-0.374		-0.347	-0.435	0.563

Expansion of principle components.

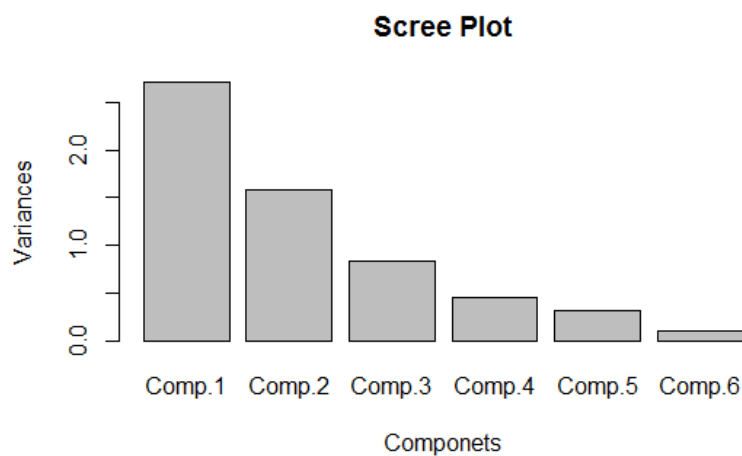
Obviously, crime rate and police funding line up together. Possible oppression in the area. Cut the police funds. One other thing would be to switch the funding from the police force in favor of the education of people between 16 and 19. Uneducated people between 16 and 19 play a key role in crime. Relatively ed

educated people above 18 are more reliable in terms of crime rate. A college degree will seemingly resolve the whole issue.

VIOLENT CRIME RATE:



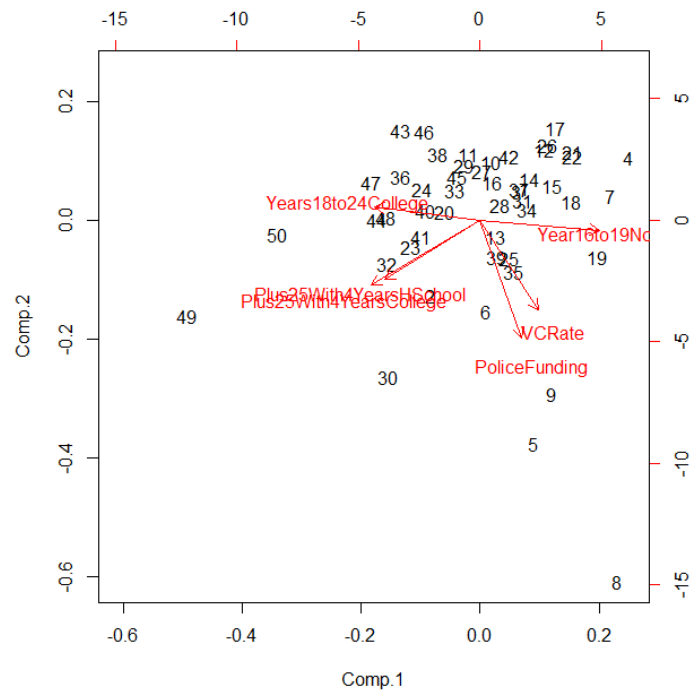
correlation of different components



Contribution of components to the total variance

Importance of components:

	Comp.1	Comp.2	Comp.3	Comp.4	Comp.5	Comp.6
Standard dev.	1.6452654	1.2555621	0.9158865	0.67356421	0.56237501	0.328424
Proportion of Var.	0.4511497	0.2627394	0.1398080	0.07561479	0.05271094	0.01797
Cumulative Propor.	0.45114	0.7138891	0.8536971	0.92931190	0.98202284	1.000



	Comp.1	Comp.2	Comp.3	Comp.4	Comp.5	Comp.6
VCRate	0.257	-0.519	0.530	-0.550	0.269	
PoliceFunding	0.183	-0.680		0.352	-0.611	
Plus25With4YearsHSchool	-0.422	-0.341	-0.564	-0.239	0.180	-0.546
Year16to19NoHSchool	0.525			0.547	0.544	-0.345
Years18to24College	-0.464		0.620	0.337	-0.118	-0.517
Plus25With4YearsCollege	-0.481	-0.377		0.322	0.460	0.555

Exact same conclusions apply for violent crime rate as crime rate.