

Example of Effect of Cut Points on Prevalence Rates and Resource Allocation

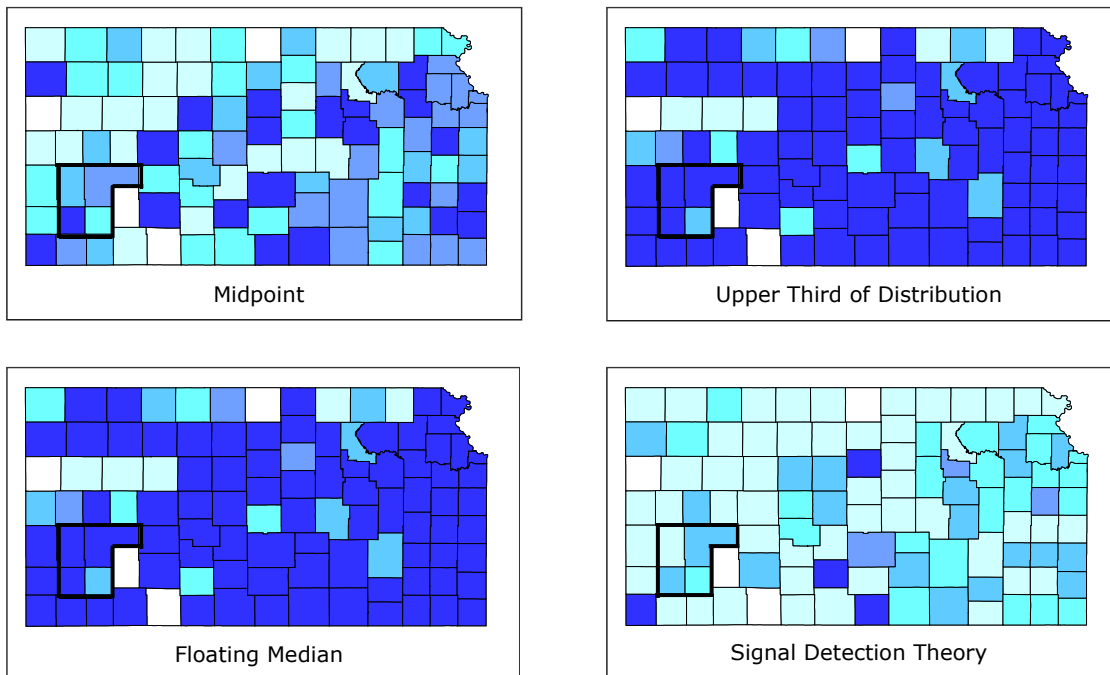
Table 1. Prevalence Rates by Cut Point Method for 10th Grade Students
on Friends' Use of Drugs Scale

County	Midpoint	Upper Third of Distribution	Floating Median	Signal Detection
Finney	23	38	38	14
Grant	25	42	42	16
Haskell	11	17	17	11
Kearny	15	29	29	7

Table 2. Number of Survey Participants at Risk by Cut Point Method for 10th Grade Students
on Friends' Use of Drugs Scale

County	Midpoint	Upper Third of Distribution	Floating Median	Signal Detection
Finney	84	143	143	53
Grant	27	45	45	17
Haskell	2	3	3	2
Kearny	11	21	21	5

Figure 1. Per Capita Resource Allocations Using Different Cut Points



Sample Resource Allocation Formula:

$$\text{Per Capita Allocation} = \$500 + (\$4,000 * \text{Prevalence Rate})$$

Key

	\$1,421 to \$4,500
	\$1,230 to \$1,420
	\$1,040 to \$1,230
	\$860 to \$1,040
	\$500 to \$860