

Table 1: Intervention Policy Dummy Variables Affecting the Food Stamp Program

Year	Dynarski, Rangarajan and Decker (1991)	Ziliak, Gundersen and Figlio (2001)
1981	Omnibus Budget Reconciliation Act	Family Recovery Act
1985	Food Securities Act	
1986	Immigration Reform Act	
1988	Hunger Prevention Act	Family Support Act
1990	Food Agriculture Conservation and Trade Act	Omnibus Budget Reconciliation Act
1993		Omnibus Budget Reconciliation Act
1996		Personal Responsibility And Work Opportunity Reconciliation Act

Table 2: Average T-statistic Panel Unit Root Tests

<u>Variable</u>	<u>No Trend</u>	<u>Trend</u>
Log per capita FSP Caseloads	-1.230	-0.798
Log per capita AFDC/TANF Caseloads	0.027	-0.048
Unemployment Rate	-1.146	-2.583
Employment Growth	-0.048	-3.578

Critical values (and rejection region) of average t-statistic, T=50, N=20

No trend: -1.69 (0.10), -1.73 (0.05), -1.82 (0.01)

Trend: -2.33 (0.10), -2.38 (0.05), -2.46 (0.01)

Source: Im, Pesaran and Shin, Table 4 (1997)

Table 3: Variable Addition Tests of Cointegration¹

<u>Model</u>	<u>Number of superfluous regressors²</u>		
	<u>1</u>	<u>2</u>	<u>3</u>
FSP caseloads, trends, intervention policy and economic variables	4.59 (0.03)	5.13 (0.08)	7.35 (0.06)
FSP caseloads, log of AFDC/TANF, caseloads, intervention policy and economic variables,			
with trend variables	0.52 (0.46)	0.55 (0.75)	1.10 (0.77)
without trend variables	0.65 (0.42)	0.68 (0.71)	1.35 (0.72)

1. Observed values of the test statistic which are asymptotically distributed as χ^2 with degrees of freedom equal to the number of superfluous variables. Values in parentheses are observed p-values.
2. Cubic, quartic and quintic powers of time are used as superfluous variables.

Table 4: Parameter estimates of the FSP Caseloads Equation¹

Regressor	Estimator		
	OLS	CCR	CCR
Intercept	-0.094 (-4.77)	0.19 (1.18)	0.056 (0.20)
Trend	0.001 (0.12)	-0.090 (-1.95)	-0.051 (-1.07)
Trend Squared	0.001 (1.20)	0.002 (1.15)	0.002 (1.11)
Policy Dummy 1985	-0.040 (-1.54)	0.223 (1.74)	0.115 (0.94)
Policy Dummy 1986	-0.036 (-1.59)	0.051 (0.45)	-0.014 (-0.18)
Policy Dummy 1988	0.011 (0.54)	0.144 (1.48)	0.046 (0.49)
Policy Dummy 1990	0.085 (4.10)	0.345 (3.41)	0.158 (1.62)
Policy Dummy 1993	0.101 (4.69)	0.228 (2.36)	0.129 (0.69)
Policy Dummy 1996	-0.003 (-0.11)	0.041 (0.35)	-0.020 (-0.18)
Any Waiver	-0.006 (-0.28)	-0.091 (-0.92)	-0.014 (-0.15)
Unemployment Rate	0.034 (9.54)	0.057 (6.57)	0.036 (4.07)
Employment Growth	0.406 (2.12)	-2.760 (-2.72)	-1.853 (-1.92)
Log per capita AFDC/TANF Caseloads	0.490 (21.67)	-----	0.522 (10.88)

1. Values in parentheses are asymptotic t-values. The asymptotic t-values for the OLS parameters are incorrect because they do not account for serial correlation or correlation between model errors and stochastic regressors.

Table 5: Percent of Per Capita Food Stamp Caseload Decline, 1994-98 Predicted by Regressor Variables

Variable:	Trends	Intervention Policy	Economy	Log Per Capita AFDC/TANF Caseloads	Residual
	-21.0%	10.0%	16.0%	78.0%	17.0%

Table 6: Incremental R^2 for the Regressor Variables in the Cointegrated FSP Caseload Equation^{1,2}

Variable:	Trend	Intervention Policy	Economy	Log Per Capita AFDC/TANF Caseloads
	0.004	0.018	0.076	0.395

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1. Estimated FSP caseload equation is given in table 4 column 3.
 2. Because incremental R^2 is a conditional measure, their sum will not in general equal one.

Figure 1
Food Stamp Impulse Response Function

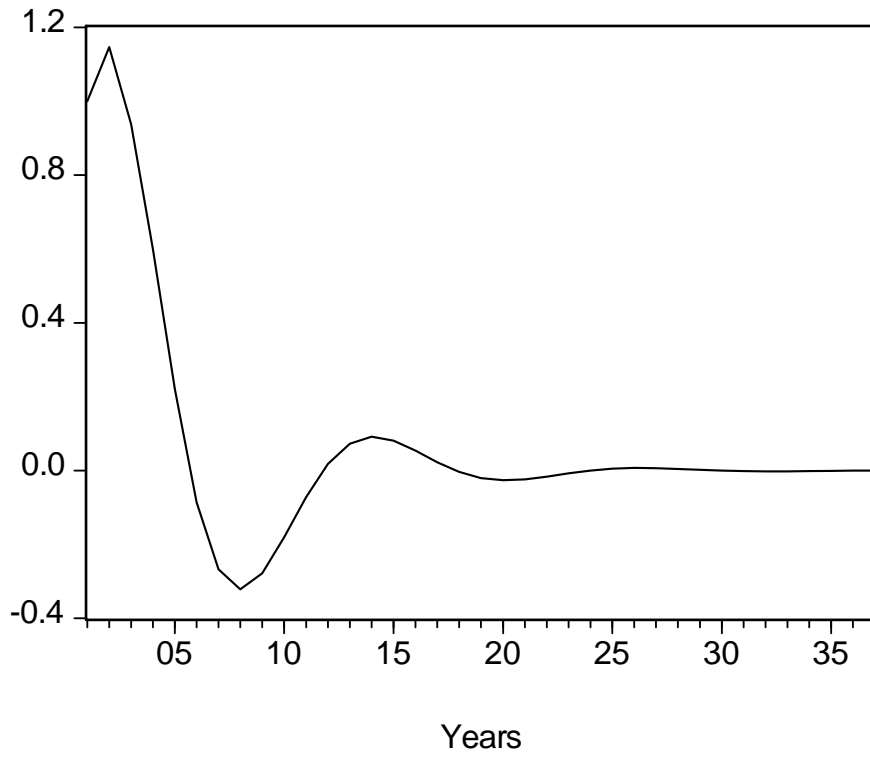


FIGURE 2

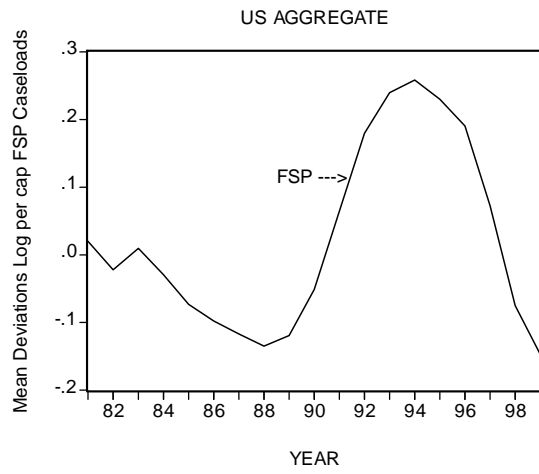
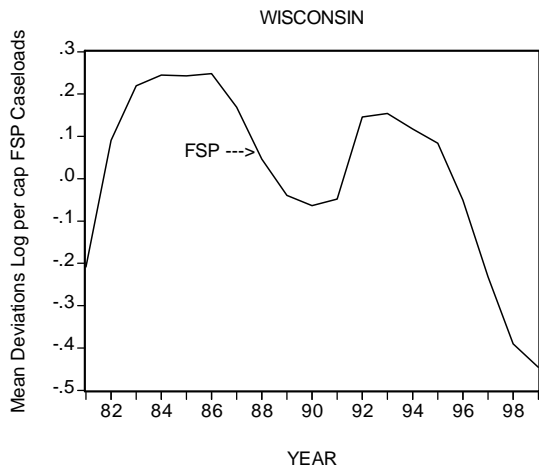
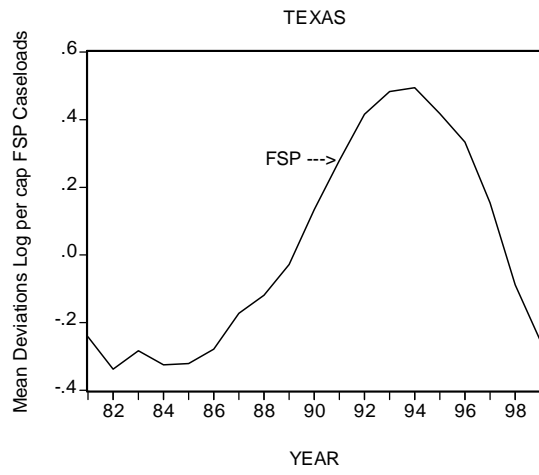
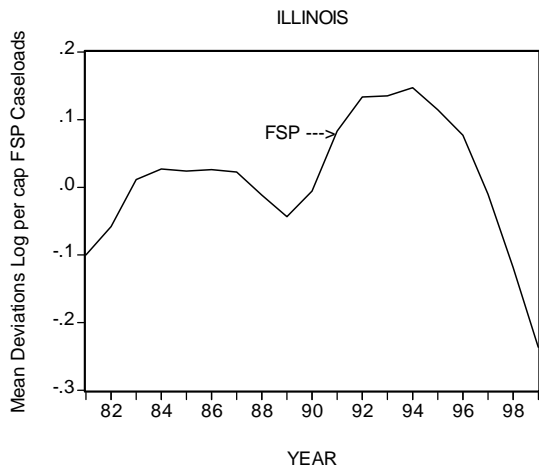
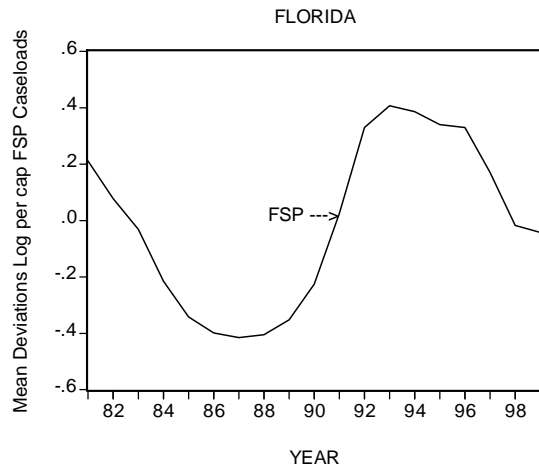
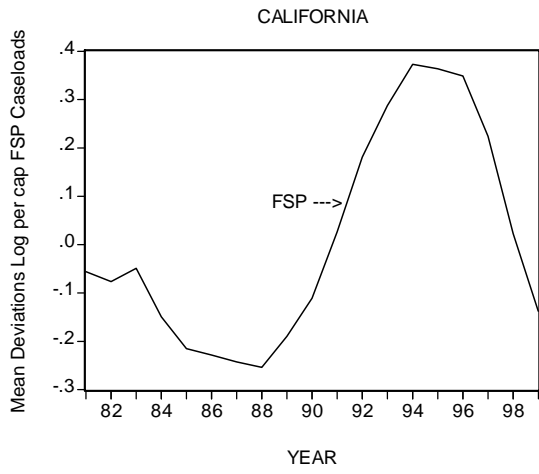


FIGURE 3

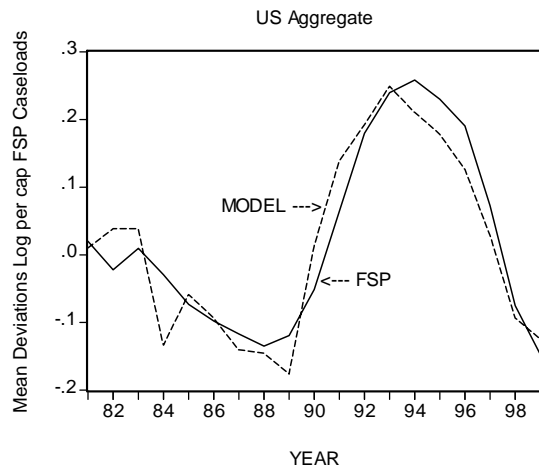
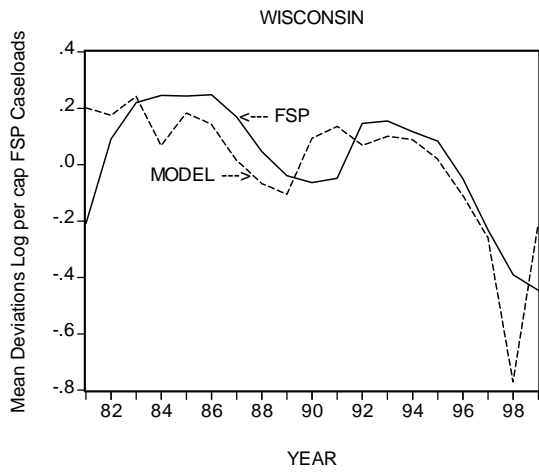
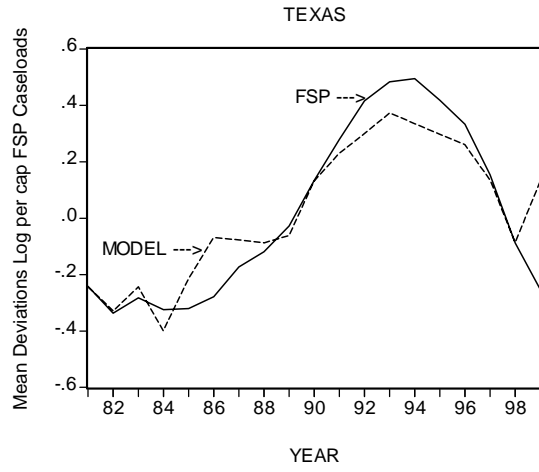
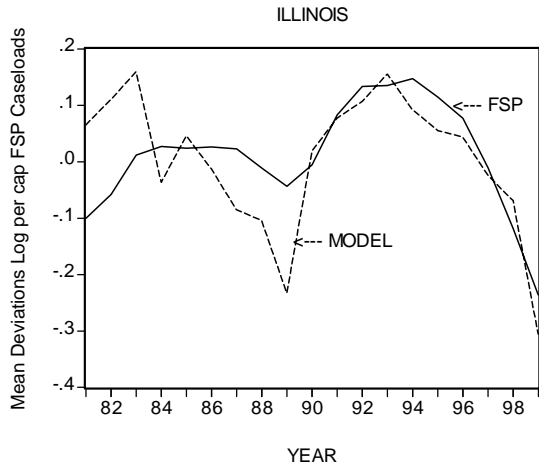
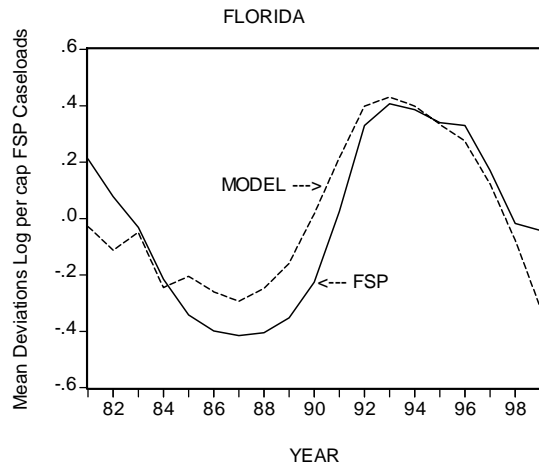
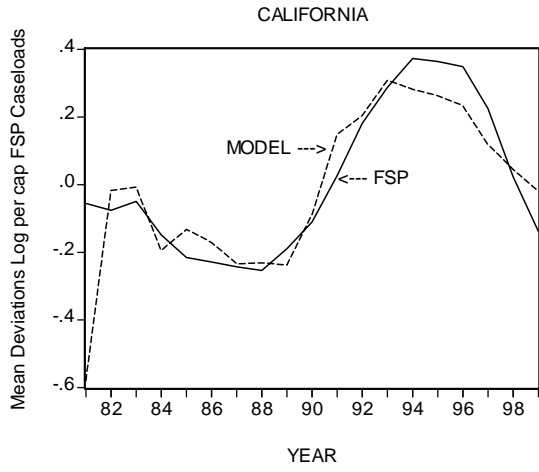


FIGURE 4

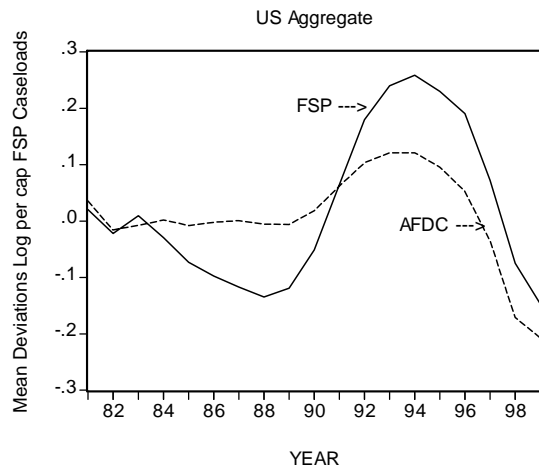
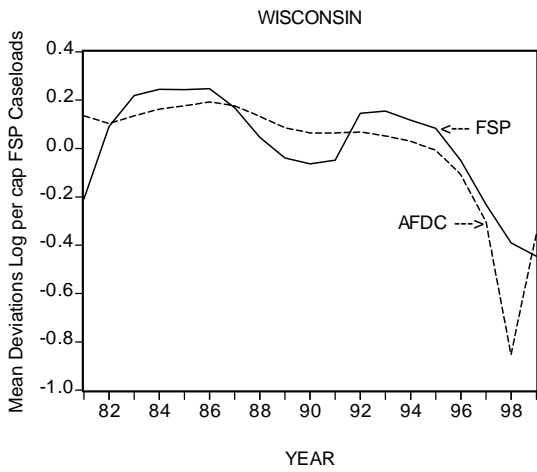
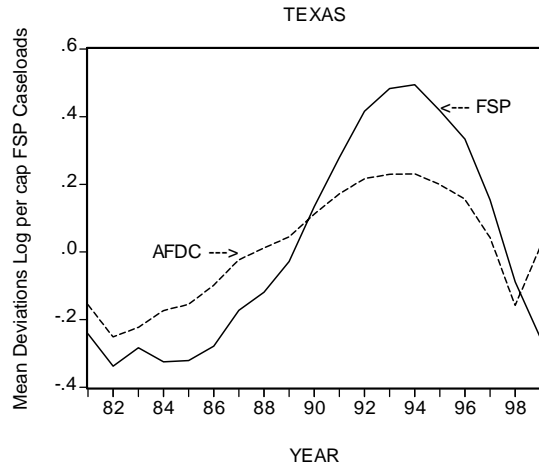
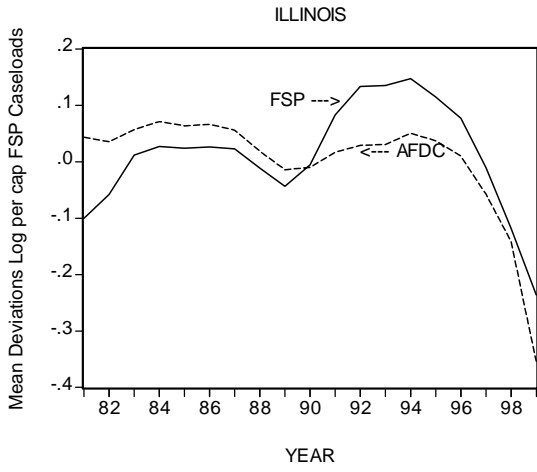
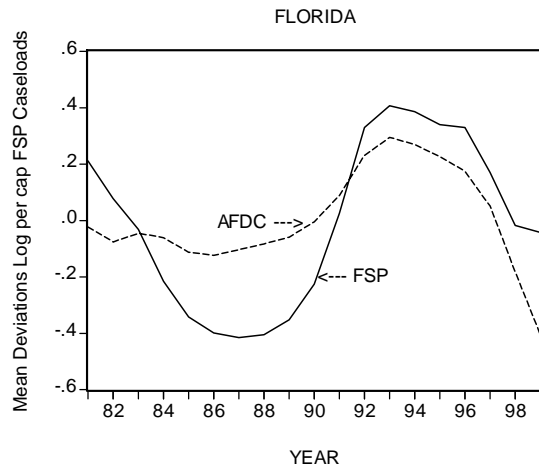
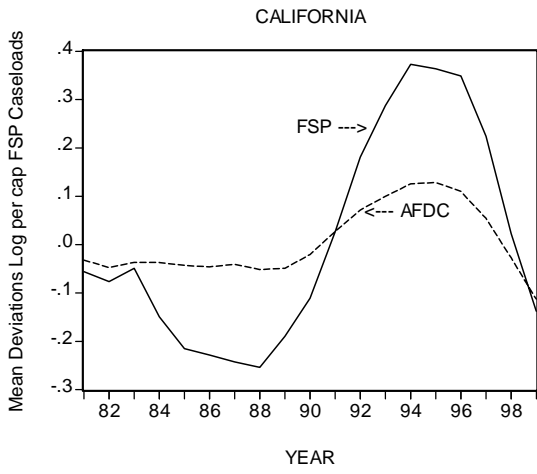


FIGURE 5

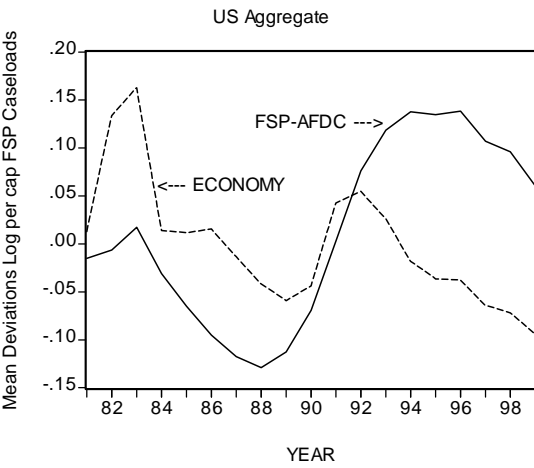
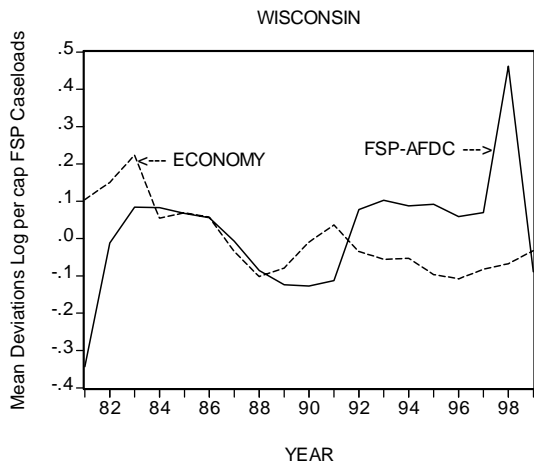
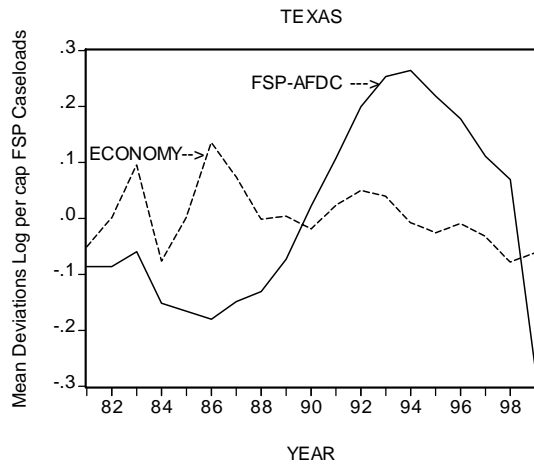
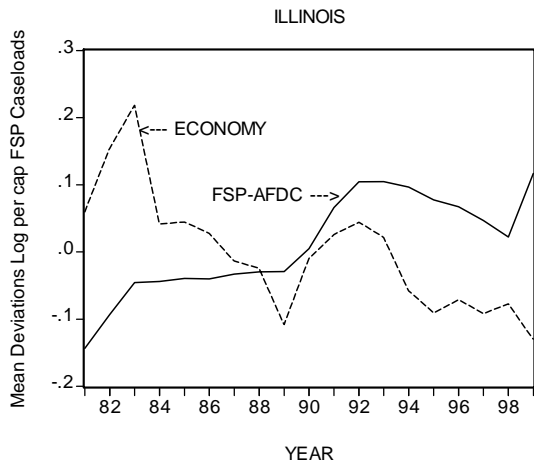
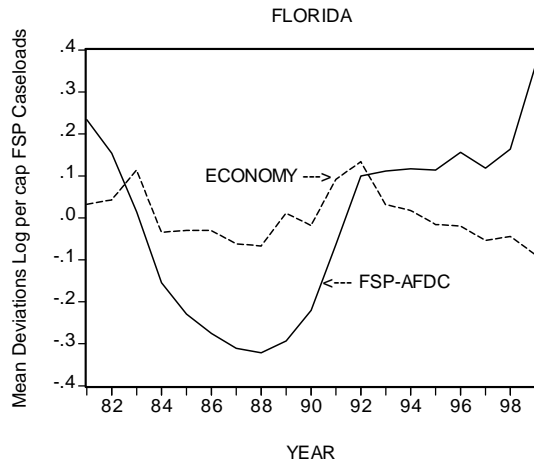
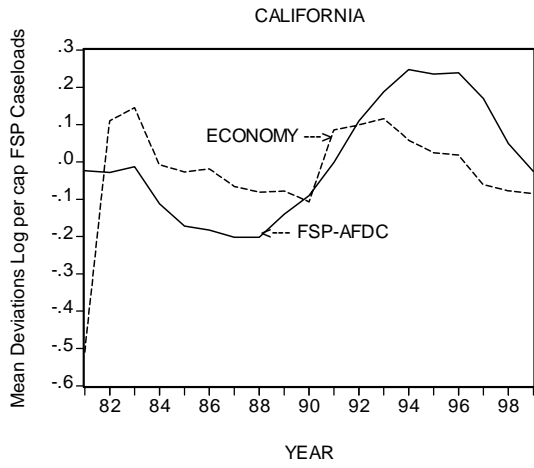


FIGURE 6

