Endogenous variables: hdax_pct, new_cases_pct, stringency_diff

Deterministic variables: const

Sample size: 59

Log Likelihood: -120.226

Roots of the characteristic polynomial: 0.3033 0.2829 0.2829

Call: $VAR(y = endog1_1, p = 1, type = c("const"), exogen = dummies1_1)$

hday nct = hday nct | 1 | new cases nct | 1 | stringency diff | 1

```
hdax_pct = hdax_pct.l1 + new_cases_pct.l1 + stringency_diff.l1
+ const + Monday + Tuesday + Wednesday + Thursday
```

```
Estimate Std. Error t value Pr(>|t|)
hdax_pct.l1
            0.0868300 0.1379938 0.629
                               0.5320
new_cases_pct.l1 -0.0036860 0.0031856 -1.157
                               0.2526
0.0011854 0.0099508 0.119
const
                               0.9056
         Monday
Tuesday
Wednesday
Thursday
           -0.0061478 0.0134332 -0.458 0.6491
```

Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' '1

Residual standard error: 0.03274 on 51 degrees of freedom Multiple R-Squared: 0.1497, Adjusted R-squared: 0.03295

F-statistic: 1.282 on 7 and 51 DF, p-value: 0.2778

new_cases_pct = hdax_pct.l1 + new_cases_pct.l1 + stringency_diff.l1

```
+ const + Monday + Tuesday + Wednesday + Thursday
```

```
      Estimate
      Std. Error t value Pr(>|t|)

      hdax_pct.l1
      -13.88564
      5.63084
      -2.466
      0.0171
      *

      new_cases_pct.l1
      -0.13812
      0.12999
      -1.063
      0.2930

      stringency_diff.l1
      -0.08241
      0.05596
      -1.473
      0.1470

      const
      0.84624
      0.40604
      2.084
      0.0422
      *

      Monday
      -1.13052
      0.57721
      -1.959
      0.0556
      .

      Tuesday
      -0.03683
      0.57817
      -0.064
      0.9495

      Wednesday
      -0.14611
      0.57309
      -0.255
      0.7998

      Thursday
      -0.65534
      0.54814
      -1.196
      0.2374
```

Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' 1

Residual standard error: 1.336 on 51 degrees of freedom Multiple R-Squared: 0.2229, Adjusted R-squared: 0.1162

F-statistic: 2.089 on 7 and 51 DF, p-value: 0.06149

stringency_diff = hdax_pct.l1 + new_cases_pct.l1 + stringency_diff.l1
+ const + Monday + Tuesday + Wednesday + Thursday

	Estimate	Std. Error	t value	Pr(>ltl)
hdax_pct.l1	9.8249	13.8941	0.707	0.483
new_cases_pct.l1	0.5579	0.3207	1.740	0.088 .
stringency_diff.l1	0.1973	0.1381	1.429	0.159
const	0.1734	1.0019	0.173	0.863
Monday	1.4737	1.4243	1.035	0.306
Tuesday	-0.1579	1.4266	-0.111	0.912
Wednesday	-0.3481	1.4141	-0.246	0.807
Thursday	-0.3521	1.3525	-0.260	0.796

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 3.296 on 51 degrees of freedom Multiple R-Squared: 0.1436, Adjusted R-squared: 0.02603

F-statistic: 1.221 on 7 and 51 DF, p-value: 0.3084