

THE CONTRIBUTION OF STATE SPENDING TO ECONOMIC DEVELOPMENT

TABLE A1: DEPENDENT VARIABLE: TOTAL ESTABLISHMENTS (N = 240)

| VARIABLE | | COEFFICIENT | STD. ERROR | T-STATISTIC | PROBABILITY |
|---------------------------|----------------------|-------------|------------|-------------|-------------|
| C | C | -1137.670 | 426.6849 | -2.666300 | 0.0083 |
| BUSINESS FINANCE | θ_1 | 6.44E-06 | 3.25E-06 | 1.982607 | 0.0489 |
| ADJACENT BUSINESS FINANCE | $\theta_2 \hat{W}_i$ | -4.68E-06 | 3.37E-06 | -1.388201 | 0.1667 |
| TREND | ρT | 249.8265 | 81.56030 | 3.063089 | 0.0025 |
| AR(1) | $\rho \delta_t$ | 0.598146 | 0.032298 | 18.51934 | 0.0000 |
| ADJUSTED R-SQUARED | 0.99 | | | | |
| S.E. OF REGRESSION | 2713.793 | | | | |
| F-STATISTIC | 23828.15 | | | | |
| DURBIN-WATSON STAT | 1.39 | | | | |
| PROB(F-STATISTIC) | 0.000000 | | | | |

STRATEGIC BUSINESS ATTRACTION FUND

TABLE A2: DEPENDENT VARIABLE: JOBS REPORTED BY SITE SELECTION MAGAZINE (N = 328)

| VARIABLE | | COEFFICIENT | STD. ERROR | T-STATISTIC | PROBABILITY |
|------------------------------|----------------------|-------------|------------|-------------|-------------|
| INTERCEPT | C | -844.8932 | 140.7601 | -6.002361 | 0.0000 |
| BUSINESS ATTRACTION | θ_1 | 8.66E-06 | 7.35E-06 | 1.178519 | 0.2396 |
| ADJACENT BUSINESS ATTRACTION | $\theta_2 \hat{W}_i$ | 3.44E-05 | 9.14E-06 | 3.763892 | 0.0002 |
| TREND | ρT | | | | |
| ADJUSTED R-SQUARED | 0.85 | | | | |
| S.E. OF REGRESSION | 3528.705 | | | | |
| F-STATISTIC | 40.51684 | | | | |
| DURBIN-WATSON STAT | 1.79 | | | | |
| PROB(F-STATISTIC) | 0.000000 | | | | |

TABLE A3 DEPENDENT VARIABLE: TOTAL BUSINESS ESTABLISHMENTS (N = 288)

| VARIABLE | | COEFFICIENT | STD. ERROR | T-STATISTIC | PROBABILITY |
|------------------------------|----------------------|-------------|------------|-------------|-------------|
| C | C | -15037.77 | 9786.757 | -1.536542 | 0.1257 |
| BUSINESS ATTRACTION | θ_1 | 0.000134 | 6.43E-05 | 2.081214 | 0.0385 |
| ADJACENT BUSINESS ATTRACTION | $\theta_2 \hat{W}_i$ | 0.000146 | 7.73E-05 | 1.887720 | 0.0603 |
| TREND | ρT | 2355.046 | 1697.559 | 1.387313 | 0.1667 |
| AR(1) | $\rho \delta_t$ | 0.614866 | 0.036072 | 17.04540 | 0.0000 |
| ADJUSTED R-SQUARED | 0.99 | | | | |
| S.E. OF REGRESSION | 74436.94 | | | | |
| F-STATISTIC | 26227.72 | | | | |
| DURBIN-WATSON STAT | 1.63 | | | | |
| PROB(F-STATISTIC) | 0.000000 | | | | |

BUSINESS ASSISTANCE

TABLE A4: DEPENDENT VARIABLE: TOTAL BUSINESS ESTABLISHMENTS (N = 240)

| VARIABLE | | COEFFICIENT | STD. ERROR | T-STATISTIC | PROBABILITY |
|------------------------------|----------------------|-------------|------------|-------------|-------------|
| C | C | -712.7867 | 385.7562 | -1.847765 | 0.0662 |
| BUSINESS ASSISTANCE | θ_1 | -1.92E-06 | 6.43E-07 | -2.987796 | 0.0032 |
| ADJACENT BUSINESS ASSISTANCE | $\theta_2 \hat{W}_i$ | -7.44E-06 | 3.82E-06 | -1.950080 | 0.0527 |
| TREND | ρT | 208.5260 | 81.86811 | 2.547096 | 0.0117 |
| AR(1) | $\rho \delta_t$ | 0.629481 | 0.033675 | 18.69296 | 0.0000 |
| ADJUSTED R-SQUARED | 0.99 | | | | |
| S.E. OF REGRESSION | 2832.349 | | | | |
| F-STATISTIC | 41200.80 | | | | |
| DURBIN-WATSON STAT | 1.39 | | | | |
| PROB(F-STATISTIC) | 0.000000 | | | | |

TABLE A5: DEPENDENT VARIABLE: TOTAL EMPLOYMENT (N = 288)

| VARIABLE | | COEFFICIENT | STD. ERROR | T-STATISTIC | PROBABILITY |
|------------------------------|----------------------|-------------|------------|-------------|-------------|
| C | C | -13242.51 | 9666.926 | -1.369878 | 0.1720 |
| BUSINESS ASSISTANCE | θ_1 | 7.08E-05 | 3.42E-05 | 2.066957 | 0.0398 |
| ADJACENT BUSINESS ASSISTANCE | $\theta_2 \hat{W}_i$ | -9.44E-06 | 3.42E-05 | -0.276508 | 0.7824 |
| TREND | ρT | 2301.056 | 1609.310 | 1.429840 | 0.1541 |
| AR(1) | $\rho \delta_t$ | 0.622186 | 0.034980 | 17.78703 | 0.0000 |
| ADJUSTED R-SQUARED | 0.99 | | | | |
| S.E. OF REGRESSION | 73991.98 | | | | |
| F-STATISTIC | 28014.61 | | | | |
| DURBIN-WATSON STAT | 1.64 | | | | |
| PROB(F-STATISTIC) | 0.000000 | | | | |

DOMESTIC RECRUITMENT

TABLE A6: DEPENDENT VARIABLE: TOTAL BUSINESS ESTABLISHMENTS (N = 240)

| VARIABLE | | COEFFICIENT | STD. ERROR | T-STATISTIC | PROBABILITY |
|-------------------------------|----------------------|-------------|------------|-------------|-------------|
| C | C | -942.3577 | 378.9188 | -2.486965 | 0.0138 |
| DOMESTIC RECRUITMENT | θ_1 | 3.20E-05 | 1.73E-05 | 1.850796 | 0.0658 |
| ADJACENT DOMESTIC RECRUITMENT | $\theta_2 \hat{W}_i$ | 4.91E-05 | 5.43E-05 | 0.904458 | 0.3669 |
| TREND | ρT | 193.8750 | 74.86568 | 2.589638 | 0.0104 |
| AR(1) | $\rho \delta_t$ | 0.609641 | 0.032540 | 18.73496 | 0.0000 |
| ADJUSTED R-SQUARED | 0.99 | | | | |
| S.E. OF REGRESSION | 2834.620 | | | | |
| F-STATISTIC | 33112.83 | | | | |
| DURBIN-WATSON STAT | 1.44 | | | | |
| PROB(F-STATISTIC) | 0.000000 | | | | |

TABLE A7: DEPENDENT VARIABLE: REPORTED JOBS FROM SITE SELECTION MAGAZINE (N = 278)

| VARIABLE | | COEFFICIENT | STD. ERROR | T-STATISTIC | PROBABILITY |
|-------------------------------|----------------------|-------------|------------|-------------|-------------|
| C | C | 1037.843 | 238.2609 | 4.355912 | 0.0000 |
| DOMESTIC RECRUITMENT | θ_1 | -3.92E-05 | 7.35E-05 | -0.534005 | 0.5939 |
| ADJACENT DOMESTIC RECRUITMENT | $\theta_2 \hat{W}_i$ | -0.000112 | 3.80E-05 | -2.938536 | 0.0036 |
| TREND | ρT | -214.9347 | 50.03464 | -4.295718 | 0.0000 |
| AR(1) | $\rho \delta_t$ | 0.112112 | 0.039818 | 2.815625 | 0.0053 |
| ADJUSTED R-SQUARED | 0.864537 | | | | |
| S.E. OF REGRESSION | 3294.711 | | | | |
| F-STATISTIC | 35.66355 | | | | |
| DURBIN-WATSON STAT | 2.31 | | | | |
| PROB(F-STATISTIC) | 0.000000 | | | | |

TABLE A8: DEPENDENT VARIABLE: TOTAL EMPLOYMENT (N = 288)

| VARIABLE | | COEFFICIENT | STD. ERROR | T-STATISTIC | PROBABILITY |
|-------------------------------|----------------------|-------------|------------|-------------|-------------|
| C | C | -8265.653 | 9445.578 | -0.875082 | 0.3824 |
| DOMESTIC RECRUITMENT | θ_1 | -0.000133 | 0.000503 | -0.264620 | 0.7915 |
| ADJACENT DOMESTIC RECRUITMENT | $\theta_2 \hat{W}_i$ | -0.003242 | 0.000860 | -3.771312 | 0.0002 |
| TREND | ρT | 2455.780 | 1642.189 | 1.495431 | 0.1361 |
| AR(1) | $\rho \delta_t$ | 0.628775 | 0.035445 | 17.73928 | 0.0000 |
| ADJUSTED R-SQUARED | 0.99 | | | | |
| S.E. OF REGRESSION | 74372.97 | | | | |
| F-STATISTIC | 26616.10 | | | | |
| DURBIN-WATSON STAT | 1.65 | | | | |
| PROB(F-STATISTIC) | 0.000000 | | | | |

WORKFORCE PREPARATION AND DEVELOPMENT

TABLE A9: DEPENDENT VARIABLE: PER CAPITA INCOME (N = 288)

| VARIABLE | | COEFFICIENT | STD. ERROR | T-STATISTIC | PROBABILITY |
|---------------------------------|----------------------|-------------|------------|-------------|-------------|
| C | C | -976.2600 | 1075.090 | -0.908073 | 0.3648 |
| WORKFORCE EXPENDITURES | θ_1 | 7.41E-07 | 1.03E-06 | 0.719114 | 0.4728 |
| ADJACENT WORKFORCE EXPENDITURES | $\theta_2 \hat{W}_i$ | 1.66E-06 | 1.49E-06 | 1.113707 | 0.2665 |
| TREND | ρT | -43.99411 | 29.72969 | -1.479804 | 0.1403 |
| AR(1) | $\rho \delta_t$ | 0.633569 | 0.032477 | 19.50846 | 0.0000 |
| ADJUSTED R-SQUARED | 0.99 | | | | |
| S.E. OF REGRESSION | 669.8010 | | | | |
| F-STATISTIC | 1045.680 | | | | |
| DURBIN-WATSON STAT | 2.02 | | | | |
| PROB(F-STATISTIC) | 0.000000 | | | | |

TECHNOLOGY TRANSFER

TABLE A10: DEPENDENT VARIABLE: PATENTS (N = 288)

| VARIABLE | | COEFFICIENT | STD. ERROR | T-STATISTIC | PROBABILITY |
|---|----------------------|-------------|------------|-------------|-------------|
| C | C | 81.05370 | 60.69843 | 1.335351 | 0.1830 |
| TECHNOLOGY TRANSFER EXPENDITURES | θ_1 | -5.46E-08 | 2.81E-07 | -0.194428 | 0.8460 |
| ADJACENT TECHNOLOGY TRANSFER EXPENDITURES | $\theta_2 \hat{W}_i$ | 7.96E-08 | 3.85E-07 | 0.206569 | 0.8365 |
| TREND | ρT | -17.51231 | 11.06478 | -1.582707 | 0.1148 |
| AR(1) | $\rho \delta_t$ | 0.536373 | 0.045811 | 11.70849 | 0.0000 |
| ADJUSTED R-SQUARED | 0.979747 | | | | |
| S.E. OF REGRESSION | 476.9035 | | | | |
| F-STATISTIC | 273.2260 | | | | |
| DURBIN-WATSON STAT | 1.986 | | | | |
| PROB(F-STATISTIC) | 0.000000 | | | | |

TABLE A11: DEPENDENT VARIABLE: VENTURE CAPITAL (N = 288)

| VARIABLE | | COEFFICIENT | STD. ERROR | T-STATISTIC | PROBABILITY |
|---|----------------------|-------------|------------|-------------|-------------|
| C | C | -14517131 | 12286781 | -1.181524 | 0.2386 |
| TECHNOLOGY TRANSFER EXPENDITURES | θ_1 | -0.058072 | 0.230656 | -0.251769 | 0.8014 |
| ADJACENT TECHNOLOGY TRANSFER EXPENDITURES | $\theta_2 \hat{W}_i$ | -0.785892 | 0.341972 | -2.298118 | 0.0224 |
| TREND | ρT | 7940399 | 2773095 | 2.863370 | 0.0046 |
| AR(1) | $\rho \delta_t$ | 0.075609 | 0.055369 | 1.365545 | 0.1734 |
| ADJUSTED R-SQUARED | 0.86 | | | | |
| S.E. OF REGRESSION | 3.19E+08 | | | | |
| F-STATISTIC | 36.32012 | | | | |
| DURBIN-WATSON STAT | 1.95 | | | | |
| PROB(F-STATISTIC) | 0.000000 | | | | |

TOURISM/FILM

TABLE A I2: DEPENDENT VARIABLE: FILM RELATED BUSINESS ESTABLISHMENTS (N = 240)

| VARIABLE | | COEFFICIENT | STD. ERROR | T-STATISTIC | PROBABILITY |
|---------------------------------------|----------------------|-------------|------------|-------------|-------------|
| C | C | 2.008962 | 1.917929 | 1.047464 | 0.2962 |
| PER CAPITA FILM EXPENDITURES | θ_1 | -0.375330 | 0.118746 | -3.160774 | 0.0018 |
| ADJACENT PER CAPITA FILM EXPENDITURES | $\theta_2 \hat{W}_i$ | -0.235542 | 0.363233 | -0.648460 | 0.5175 |
| TREND | ρT | 0.201764 | 0.369372 | 0.546235 | 0.5856 |
| AR(1) | $\rho \delta_t$ | 0.203203 | 0.038643 | 5.258461 | 0.0000 |
| ADJUSTED R-SQUARED | 0.99 | | | | |
| S.E. OF REGRESSION | 24.09507 | | | | |
| F-STATISTIC | 6979.756 | | | | |
| DURBIN-WATSON STAT | 2.55 | | | | |
| PROB(F-STATISTIC) | 0.00 | | | | |

INTERNATIONAL TRADE

TABLE A I3: DEPENDENT VARIABLE: EXPORTS (N = 2,712; NATIONS INCLUDED = 226)

| VARIABLE | | COEFFICIENT | STD. ERROR | T-STATISTIC | PROBABILITY |
|--------------------|----------------------|-------------|------------|-------------|-------------|
| C | C | 2.008962 | 1.917929 | 1.047464 | 0.2962 |
| ? IEDC OFFICE | θ_1 | -0.375330 | 0.118746 | -3.160774 | 0.0018 |
| TREND | $\theta_2 \hat{W}_i$ | -0.235542 | 0.363233 | -0.648460 | 0.5175 |
| RECESSION | ρT | 0.201764 | 0.369372 | 0.546235 | 0.5856 |
| AR(1) | $\rho \delta_t$ | 0.203203 | 0.038643 | 5.258461 | 0.0000 |
| ADJUSTED R-SQUARED | 0.98 | | | | |
| S.E. OF REGRESSION | 1.82E+08 | | | | |
| SUM SQUARED RESID. | 8.19E+19 | | | | |
| LOG LIKELIHOOD | -55303.16 | | | | |
| F-STATISTIC | 931.3464 | | | | |
| DURBIN-WATSON STAT | 2.35 | | | | |
| PROB(F-STATISTIC) | 0.000000 | | | | |

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