

Appendix Tables:  
Wal-Mart and the Geography of Grocery Retailing

August 29, 2012

Years to Wal-Mart Entry	0-2 miles	2-4 miles	4-6 miles	6-8 miles
-4	-0.007 (0.012)	0.019 (0.011)	0.006 (0.011)	-0.006 (0.011)
-3	-0.027* (0.012)	0.008 (0.011)	0.012 (0.011)	-0.001 (0.011)
-2	-0.003 (0.012)	0.026* (0.010)	0.010 (0.010)	0.013 (0.010)
-1	-0.012 (0.011)	0.008 (0.010)	0.005 (0.010)	-0.004 (0.009)
0	-0.057* (0.011)	0.002 (0.011)	0.003 (0.010)	-0.005 (0.010)
1	-0.102* (0.012)	-0.014 (0.011)	-0.011 (0.010)	-0.001 (0.010)
2	-0.076* (0.012)	0.001 (0.011)	0.008 (0.010)	-0.004 (0.011)
3	-0.063* (0.012)	0.006 (0.011)	0.004 (0.011)	0.009 (0.011)
4	-0.040* (0.013)	0.004 (0.013)	0.002 (0.012)	0.002 (0.012)
5	-0.035* (0.013)	0.013 (0.013)	0.006 (0.012)	0.002 (0.012)

Table 1: Dependent variable: Net Sales Growth. \* signifies significance at .05 level.

Years to Wal-Mart Entry	0-2 miles	2-4 miles	4-6 miles	6-8 miles
-4	0.004 (0.011)	0.017 (0.011)	0.006 (0.011)	-0.002 (0.011)
-3	-0.017 (0.011)	0.002 (0.011)	0.003 (0.011)	-0.007 (0.011)
-2	-0.008 (0.012)	0.022 (0.010)	0.006 (0.010)	0.008 (0.010)
-1	-0.016 (0.011)	-0.001 (0.010)	0.001 (0.010)	-0.011 (0.009)
0	-0.048* (0.011)	-0.003 (0.011)	0.000 (0.010)	-0.008 (0.010)
1	-0.068* (0.011)	-0.007 (0.011)	-0.011 (0.010)	-0.005 (0.010)
2	-0.050* (0.012)	0.004 (0.011)	0.006 (0.011)	0.001 (0.010)
3	-0.066* (0.012)	0.000 (0.012)	-0.001 (0.011)	0.002 (0.011)
4	-0.037* (0.013)	-0.003 (0.013)	-0.004 (0.012)	0.000 (0.012)
5	-0.023 (0.013)	0.015 (0.013)	0.017 (0.012)	0.009 (0.012)

Table 2: Dependent variable: Net Size Growth.

Years to Wal-Mart Entry	Overall	Increase Continuing	Increase Entry	Decrease Continuing	Decrease Exit
-4	-0.007 (0.012)	-0.008 (0.005)	0.000 (0.004)	-0.000 (0.004)	-0.001 (0.003)
-3	-0.027* (0.012)	-0.009 (0.006)	-0.002 (0.005)	0.009* (0.004)	0.008* (0.003)
-2	-0.003 (0.012)	-0.001 (0.006)	0.001 (0.004)	0.002 (0.004)	0.001 (0.003)
-1	-0.012 (0.011)	-0.004 (0.005)	-0.003 (0.004)	-0.000 (0.004)	0.004 (0.003)
0	-0.057* (0.011)	-0.018* (0.005)	-0.008* (0.004)	0.022* (0.004)	0.009* (0.003)
1	-0.102* (0.012)	-0.026* (0.005)	-0.008 (0.004)	0.049* (0.005)	0.018* (0.003)
2	-0.076* (0.012)	-0.019* (0.006)	-0.007 (0.005)	0.033* (0.005)	0.018* (0.004)
3	-0.063* (0.012)	-0.017* (0.006)	-0.010* (0.004)	0.022* (0.005)	0.014* (0.004)
4	-0.040* (0.013)	-0.008 (0.006)	-0.005 (0.005)	0.020* (0.005)	0.006 (0.004)
5	-0.035* (0.013)	-0.016* (0.006)	-0.006 (0.005)	0.008 (0.005)	0.005 (0.004)

Table 3: Impact of Wal-Mart entry on net sales growth for grocery retailers within 2 miles of Wal-Mart decomposed into components.

Years to Wal-Mart Entry	Overall	Increase Continuing	Increase Entry	Decrease Continuing	Decrease Exit
-4	0.004 (0.011)	0.000 (0.005)	0.000 (0.004)	-0.003 (0.004)	-0.001 (0.003)
-3	-0.017 (0.011)	-0.001 (0.005)	-0.003 (0.005)	0.006 (0.004)	0.007* (0.003)
-2	-0.008 (0.012)	-0.003 (0.005)	0.000 (0.004)	0.004 (0.004)	0.001 (0.003)
-1	-0.016 (0.011)	-0.002 (0.005)	-0.004 (0.004)	0.006 (0.004)	0.005 (0.003)
0	-0.048* (0.011)	-0.010* (0.005)	-0.009* (0.004)	0.019* (0.004)	0.010* (0.003)
1	-0.068* (0.011)	-0.012* (0.005)	-0.008* (0.004)	0.026* (0.004)	0.021* (0.004)
2	-0.050* (0.012)	-0.002 (0.005)	-0.008 (0.005)	0.021* (0.005)	0.019* (0.004)
3	-0.066* (0.012)	-0.014* (0.005)	-0.011* (0.004)	0.024* (0.005)	0.018* (0.004)
4	-0.037* (0.013)	-0.005 (0.006)	-0.006 (0.005)	0.018* (0.005)	0.009* (0.004)
5	-0.023 (0.013)	-0.001 (0.006)	-0.007 (0.005)	0.010 (0.006)	0.005 (0.004)

Table 4: Impact of Wal-Mart entry on size growth for grocery retailers within 2 miles of Wal-Mart decomposed into components.

Years to Wal-Mart Entry	Overall	Creation Continuting	Creation Entry	Destruction Continuing	Destruction Exit
-4	0.003 (0.021)	-0.002 (0.007)	-0.001 (0.006)	-0.003 (0.007)	-0.003 (0.007)
-3	0.013 (0.019)	0.002 (0.007)	0.002 (0.006)	-0.004 (0.008)	-0.004 (0.007)
-2	0.030 (0.020)	0.004 (0.007)	0.005 (0.006)	-0.013 (0.007)	-0.009 (0.007)
-1	0.011 (0.019)	-0.005 (0.007)	-0.004 (0.006)	-0.010 (0.007)	-0.010 (0.006)
0	-0.020 (0.020)	-0.006 (0.007)	-0.005 (0.006)	0.008 (0.008)	0.001 (0.007)
1	-0.023 (0.019)	0.002 (0.007)	-0.001 (0.006)	0.013 (0.007)	0.011 (0.007)
2	-0.011 (0.020)	0.001 (0.007)	0.003 (0.007)	0.009 (0.007)	0.006 (0.007)
3	0.014 (0.021)	0.008 (0.008)	0.006 (0.007)	-0.001 (0.008)	0.001 (0.008)
4	0.008 (0.022)	-0.001 (0.008)	-0.001 (0.007)	-0.003 (0.008)	-0.007 (0.008)
5	-0.027 (0.022)	-0.012 (0.008)	-0.011 (0.007)	0.005 (0.008)	-0.000 (0.008)

Table 5: Impact of Wal-Mart entry on net employment growth for small firms within 2 miles of Wal-Mart decomposed into components.

Years to Wal-Mart Entry	Overall	Creation Continuting	Creation Entry	Destruction Continuing	Destruction Exit
-4	-0.003 (0.015)	-0.004 (0.007)	-0.003 (0.006)	-0.000 (0.005)	-0.004 (0.004)
-3	-0.040* (0.015)	-0.007 (0.007)	-0.010 (0.006)	0.016* (0.006)	0.007 (0.004)
-2	-0.018 (0.015)	-0.005 (0.006)	-0.002 (0.006)	0.008 (0.005)	0.002 (0.004)
-1	-0.020 (0.014)	-0.003 (0.006)	-0.004 (0.005)	0.007 (0.005)	0.006 (0.004)
0	-0.048* (0.014)	-0.008 (0.006)	-0.007 (0.005)	0.023* (0.005)	0.010* (0.004)
1	-0.071* (0.014)	-0.013* (0.006)	-0.009 (0.005)	0.030* (0.005)	0.019* (0.004)
2	-0.062* (0.015)	-0.011 (0.006)	-0.008 (0.005)	0.027* (0.006)	0.015* (0.004)
3	-0.087* (0.015)	-0.020* (0.006)	-0.016* (0.006)	0.032* (0.006)	0.018* (0.005)
4	-0.068* (0.015)	-0.014* (0.007)	-0.011* (0.005)	0.028* (0.006)	0.016* (0.005)
5	-0.029 (0.015)	-0.008 (0.007)	-0.004 (0.006)	0.013* (0.006)	0.005 (0.005)

Table 6: Impact of Wal-Mart entry on net employment growth for large chains within 2 miles of Wal-Mart decomposed into components.