Table 1: CO2 and Electricity Consumption Results - DiD W/O Controls

|                         |             | Dependen        | t variable: |                 |
|-------------------------|-------------|-----------------|-------------|-----------------|
|                         | Kg CO2 p.c. | Kwh energy p.c. | Kg CO2 p.c. | Kwh energy p.c. |
|                         | (1)         | (2)             | (3)         | (4)             |
| Treatment               | -0.133*     | -0.180**        | -0.144**    | -0.215***       |
|                         | (0.0391)    | (0.0284)        | (0.0281)    | (0.0198)        |
| Post                    | 0.0243***   | 0.0317***       | 0.0263      | 0.0315          |
|                         | (1.50e-14)  | (6.03e-15)      | (0.0174)    | (0.0174)        |
| Treatment $\times$ Post | -0.0330**   | -0.0568**       | -0.0181     | -0.0235         |
|                         | (0.00663)   | (0.00920)       | (0.0222)    | (0.0161)        |
| Weekend                 |             |                 | -0.0338***  | -0.0462***      |
|                         |             |                 | (0.00132)   | (0.00181)       |
| Public holidays         |             |                 | -0.0378**   | -0.0498***      |
|                         |             |                 | (0.00556)   | (0.00387)       |
| Temperature             |             |                 | -0.0109     | -0.0250         |
| r                       |             |                 | (0.0142)    | (0.0168)        |
| Temperature2            |             |                 | 0.000272    | 0.000521        |
| 1                       |             |                 | (0.000235)  | (0.000289)      |
| Solar exposure          |             |                 | -0.00422    | -0.00815        |
| 1                       |             |                 | (0.00631)   | (0.00600)       |
| Wind3                   |             |                 | -0.0594     | 0.00417         |
|                         |             |                 | (0.0249)    | (0.0119)        |
| Constant                | 0.576***    | 0.656***        | $0.736^{*}$ | 1.008*          |
| 2 2 220 000220          | (1.41e-14)  | (6.97e-15)      | (0.215)     | (0.265)         |
| r2                      | 0.152       | 0.326           | 0.213       | 0.378           |
| r2_a                    | 0.152       | 0.326           | 0.213       | 0.378           |

Note: Errors clustered by region, weighted by population

Standard errors in parentheses

<sup>\*</sup> p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001

Table 2: Results For CO2 and Electricity Consumption DDD With Controls

|   | Deper                    | Dependent variable:         |
|---|--------------------------|-----------------------------|
| 1   | Kg CO2 p.c.              | Kwh energy consumption p.c. |
|   | (1)                      | (2)                         |
| Treatment                                   | -0.133* (0.0298)         | -0.212*** (0.0211)          |
| Post  | 0.0522* $(0.0174)$       | 0.0674*                     |
| ${\rm Treatment} \times {\rm Post}$         | -0.0261 (0.0185)         | -0.0341 (0.0194)            |
| Not midday                                  | 0.0268*** $(4.50e - 13)$ | 0.0200*** (1.24e - 13)      |
| ${\rm Treatment} \times {\rm Not\ midday}$  | -0.0131 (0.00807)        | -0.00367 $(0.00533)$        |
| Post $\times$ Not midday                    | -0.0297*** (1.01e - 12)  | -0.0411*** (5.63e - 13)     |
| Treatment $\times$ Post $\times$ Not midday | 0.00912 $(0.0124)$       | 0.0121 $(0.0104)$           |
| Weekend                                     | -0.0338*** (0.00132)     | -0.0462*** (0.00181)        |
| Public holiday                              | -0.0378** $(0.00556)$    | -0.0498*** (0.00387)        |
| Temperature                                 | -0.0109 $(0.0142)$       | -0.0250 (0.0168)            |
| Temperature2                                | $0.000272 \\ (0.000235)$ | $0.000521 \\ (0.000289)$    |
| Solar exposure                              | -0.00422 $(0.00631)$     | -0.00815 $(0.00600)$        |
| Wind3                                       | -0.0594 $(0.0249)$       | 0.00417 (0.0119)            |
| Constant                                    | 0.713* $(0.215)$         | 0.990*                      |
| r2<br>r2_a                                  | $0.214 \\ 0.214$         | 0.379 $0.379$               |
|   |                          |                             |

Note: Errors clustered by region, weighted by population  $^*p{<}0.1;~^{**}p{<}0.05;~^{***}p{<}0.01$ 

Table 3: Results For ln(CO2) and ln(Electricity Consumption) DDD With Controls

|   | Des                       | $Dependent\ variable:$          |
|---|---------------------------|---------------------------------|
|   | ln(Kg CO2 p.c.)           | ln(Kwh energy consumption p.c.) |
|   | (1)                       | (2)                             |
| Treatment                                   | -0.345* (0.120)           | -0.402*** (0.0444)              |
| Post  | 0.116 (0.0509)            | 0.0921*<br>(0.0280)             |
| Treatment $\times$ Post                     | -0.0425 (0.0509)          | -0.0506 (0.0332)                |
| Not midday                                  | 0.0535*** (2.09e - 12)    | 0.0304*** (1.44e - 13)          |
| Treatment $\times$ Not midday               | -0.00589 (0.0244)         | 0.00296 $(0.0102)$              |
| Post $\times$ Not midday                    | -0.0526*** (4.39 $e-12$ ) | -0.0598*** (8.33 $e - 13$ )     |
| Treatment $\times$ Post $\times$ Not midday | 0.0116 (0.0288)           | 0.00886 (0.0233)                |
| Weekend                                     | -0.0774** (0.0124)        | -0.0947*** (0.0109)             |
| Public holidays                             | -0.0900* (0.0226)         | -0.110**<br>(0.0155)            |
| Temperature                                 | -0.0178 (0.0352)          | -0.0402 (0.0225)                |
| Temperature2                                | $0.000501 \\ (0.000578)$  | 0.000872 (0.000380)             |
| Solar exposure                              | -0.0171 (0.0204)          | -0.0148 (0.00913)               |
| Wind3                                       | -0.205 (0.102)            | 0.00503 (0.0206)                |
| Constant                                    | -0.273 $(0.525)$          | 0.105 $(0.366)$                 |
| r2<br>r2-a                                  | $0.171 \\ 0.171$          | 0.400<br>0.400                  |
|   |                           |                                 |

Note: Errors clustered by region, weighted by population  $^*p<0.1;$   $^{**}p<0.05;$   $^{***}p<0.01$