**S3 Table. Threshold regression estimates – EHI\_A.**

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| --- | --- | --- | --- | --- | --- |
|  | **Aga Khan** | **Davis** | **Fiona Stanley** | **Princess Marina** | **Haaglanden-****Westeinde** |
| **Mon** | 11.14\*\*\* | 14.89\*\*\* | 23.37\*\*\* | 1.099 | 12.66\*\*\* |
|  | (2.327) | (1.142) | (2.822) | (1.726) | (0.905) |
| **Tue** | -0.639 | 3.099\*\*\* | 0.914 | 0.528 | 2.861\*\*\* |
|  | (2.326) | (1.142) | (2.813) | (1.732) | (0.905) |
| **Thu** | -1.340 | -3.074\*\*\* | -3.293 | -0.798 | 1.137 |
|  | (2.325) | (1.142) | (2.812) | (1.732) | (0.905) |
| **Fri** | -0.870 | -0.248 | 0.603 | 2.235 | 10.33\*\*\* |
|  | (2.325) | (1.142) | (2.814) | (1.726) | (0.905) |
| **Sat** | 8.292\*\*\* | -11.09\*\*\* | 13.74\*\*\* | -4.734\*\*\* | 8.753\*\*\* |
|  | (2.325) | (1.142) | (2.816) | (1.726) | (0.904) |
| **Sun** | 32.90\*\*\* | -14.89\*\*\* | 32.81\*\*\* | -4.886\*\*\* | 8.456\*\*\* |
|  | (2.327) | (1.142) | (2.827) | (1.727) | (0.905) |
| **Jan** | -19.07\*\*\* | -3.625\*\* | -3.008 | -4.245\* | -4.417\*\*\* |
|  | (3.108) | (1.535) | (4.565) | (2.532) | (1.231) |
| **Feb** | -17.36\*\*\* | 0.369 | -2.648 | 1.807 | -6.598\*\*\* |
|  | (3.046) | (1.512) | (3.731) | (2.664) | (1.199) |
| **Mar** | -18.40\*\*\* | -1.600 | 6.612\* | 0.665 | -4.055\*\*\* |
|  | (3.153) | (1.475) | (3.593) | (2.576) | (1.168) |
| **Apr** | -10.03\*\*\* | -2.495\* | -9.549\*\*\* | 4.169 | 0.805 |
|  | (2.999) | (1.486) | (3.603) | (2.569) | (1.178) |
| **Jun** | 2.535 | -5.884\*\*\* | 2.808 | -4.956\* | 2.772\*\* |
|  | (2.987) | (1.490) | (3.646) | (2.559) | (1.177) |
| **Jul** | 16.29\*\*\* | -6.663\*\*\* | -10.83\*\*\* | -5.903\*\* | -6.354\*\*\* |
|  | (3.076) | (1.479) | (3.616) | (2.552) | (1.168) |
| **Aug** | 18.13\*\*\* | -5.685\*\*\* | 5.669 | -2.435 | -5.864\*\*\* |
|  | (3.030) | (1.496) | (3.679) | (2.745) | (1.175) |
| **Sep** | 12.72\*\*\* | -3.028\*\* | 2.058 | -0.898 | 2.659\*\* |
|  | (3.031) | (1.516) | (3.707) | (2.718) | (1.203) |
| **Oct** | -4.192 | -9.224\*\*\* | -4.624 | 3.116 | -2.077\* |
|  | (3.079) | (1.561) | (3.787) | (2.459) | (1.211) |
| **Nov** | 1.817 | -9.906\*\*\* | 2.005 | 3.108 | -3.668\*\*\* |
|  | (3.468) | (1.627) | (3.889) | (2.320) | (1.221) |
| **Dec** | -9.623\*\*\* | -12.03\*\*\* | -0.300 | -2.377 | -4.986\*\*\* |
|  | (3.685) | (1.522) | (3.708) | (2.414) | (1.188) |
| **Year\_2** | 33.11\*\*\* | -10.73\*\*\* |  |  | 0.195 |
|  | (2.494) | (1.245) |  |  | (0.987) |
| **Year\_3** | 32.05\*\*\* | 12.95\*\*\* |  |  | 6.059\*\*\* |
|  | (2.488) | (1.246) |  |  | (0.987) |
| **Year\_4** | 70.85\*\*\* | 22.61\*\*\* |  |  | 4.339\*\*\* |
|  | (2.490) | (1.244) |  |  | (0.986) |
| **Year\_5** | 86.55\*\*\* | 20.44\*\*\* |  |  | 0.124 |
|  | (2.494) | (1.246) |  |  | (0.987) |
| **Year\_6** | 102.6\*\*\* | 38.78\*\*\* |  |  | 2.252\*\* |
|  | (2.559) | (1.246) |  |  | (0.987) |
| **Year\_7** | 88.95\*\*\* | 49.33\*\*\* | -3.011\* | 0.406 | 3.626\*\*\* |
|  | (2.502) | (1.245) | (1.540) | (1.392) | (0.987) |
| **Year\_8** | 137.2\*\*\* | 52.11\*\*\* |  |  | 6.542\*\*\* |
|  | (2.670) | (1.245) |  |  | (0.986) |
| **EHI\_A (Region 1)** | 0.561 | 1.318\*\*\* | 1.214\*\*\* | 1.240\*\*\* | 1.307\*\*\* |
| (0.777) | (0.215) | (0.360) | (0.220) | (0.101) |
| **EHI\_A (Region 2)** | -9.565\*\*\* | 3.234\*\*\* |  |  |  |
| (2.515) | (0.608) |  |  |  |
| **EHI\_A (Region 3)** | -0.669 | -4.273\*\* |  |  |  |
| (0.915) | (2.024) |  |  |  |
| **EHI\_A (Region 4)** | 1.544\*\* | 0.861\*\*\* |  |  |  |
| (0.693) | (0.206) |  |  |  |
| **Constant** | 84.72\*\*\* | 156.2\*\*\* | 247.3\*\*\* | 47.74\*\*\* | 119.4\*\*\* |
|  | (3.125) | (2.645) | (6.789) | (3.735) | (1.794) |
| **Observations** | 2,782 | 2,922 | 697 | 489 | 2,922 |

Note: Statistical significance is indicated as \*\*\* p<0.01, \*\* p<0.05, \* p<0.1. When variables are non-significant, the impact of these variables on the number of ED attendances is not significantly different from the reference category.

Abbreviations: EHI\_A, acclimatisation excess heat index.

Wednesday, May and Year\_1 are the reference categories.