**SUPPLEMENTAL DIGITAL CONTENT 4**

**Table S-4**: Missing data imputed via regression predictions

|  |  |  |
| --- | --- | --- |
| **Participant Number** | **Sitting treatment condition** | **Light breaks treatment condition** |
|  | **No. missing Glucose samples****(out of 11)** | **No. missing Insulin samples****(out of 11)** | **No. missing Glucose samples****(out of 11)** | **No. missing Insulin samples****(out of 11)** |
| 1 | - | 1 | - | - |
| 2 | - | - | - | - |
| 3 | - | - | 1 | 2 |
| 4 | 1 | 1 | - | - |
| 5 | 1 | 1 | - | - |
| 6 | - | - | - | - |
| 7 | - | - | 1 | - |
| 8 | - | - | - | - |
| 9 | - | - | - | 1 |
| 10 | - | - | - | - |
| 11 | 1 | - | - | - |
| 12 | - | - | - | - |
| 13 | - | - | - | - |
| 14 | - | - | - | - |
| 15 | - | - | 1 | 2 |
| 16 | - | 1 | - | - |
| 17 | - | - | - | - |
| 18 | - | - | - | - |
| 19 | - | - | - | - |
| 20 | - | - | - | - |
| 21 | 1 | 1 | 1 | 1 |
| 22 | 1 | - | - | - |
| 23 | - | - | - | - |
| 24 | 1 | 1 | - | - |
| 25 | - | - | - | - |
| 26 | - | - | - | - |
| 27 | - | - | - | - |
| 28 | - | - | 1 | 2 |
| 29 | - | - | - | - |
| 30 | - | - | - | - |
| 31 | - | - | - | - |
| 32 | 1 | 1 | 1 | 1 |
| 33 | 2 | 2 | - | - |
| 34 | 1 | - | - | - |
| **Total** | 10 | 9 | 6 | 9 |