Table SI. Results of the Pittsburgh Sleep Quality Index questionnaire (mean values in study population).
Question Mean

1. During the past month, what time have you usually gone to bed at night?
2. During the past month, how long (in min) has
it usually taken you to fall asleep each night?
23:40 (h:min)
3. During the past month, what time have you usually gotten up in the morning?
4. During the past month, how many $h$ of actual
sleep did you get at night? (This may be different

$$
18 \text { (min) }
$$

07:27 (h:min)
than the number of $h$ you spent in bed.)

5. During the past month, how often have you
had trouble sleeping because you...

| a. Cannot get to sleep within 30 min | 46.5 | 34.5 | 11.2 | 7.8 |
| :--- | :--- | :--- | :--- | :--- |
| b. Wake up in the middle of the night or early <br> morning | 49.2 | 28.7 | 14.0 | 8.1 |
| c. Have to get up to use the bathroom | 57.0 | 25.2 | 13.5 | 4.3 |
| d. Cannot breathe comfortably | 89.5 | 8.5 | 1.6 | 0.4 |
| e. Cough or snore loudly | 82.6 | 10.5 | 3.8 | 3.1 |
| f. Feel too cold | 70.2 | 26.0 | 3.8 | 0.0 |
| g. Feel too hot | 67.1 | 23.6 | 8.5 | 0.8 |
| h. Have bad dreams | 60.5 | 30.6 | 6.2 | 2.7 |
| i. Have pain | 77.9 | 17.1 | 4.3 | 0.7 |
| j. Other reason(s), please describe: | 80.6 | 19.4 | 0.0 | 0.0 |
| 6. During the past month, how often have you |  |  |  | 0.8 |
| taken medicine to help you sleep (prescribed or | 95.3 | 3.5 | 0.8 | 0.4 |
| "over the counter")? |  |  |  |  |
| 7. During the past month, how often have you |  |  |  |  |
| had trouble staying awake while driving, eating |  |  |  |  |
| meals, or engaging in social activity? | 85.3 | 12.7 | 1.2 | 0.8 |


| No problem atOnly a very <br> all (\%) | Somewhat of a <br> slight problem <br> (\%) | problem (\%) |
| :--- | :--- | :--- | :--- |
| problem (\%) |  |  |

8. During the past month, how much of a $\begin{array}{lllll}\text { problem has it been for you to keep up enough } & 36.8 & 47.3 & 14.3 & 1.6\end{array}$ enthusiasm to get things done?

|  | Very good <br> $(\%)$ | Fairly good (\%) | Fairly bad (\%) | Very bad (\%) |
| :--- | :--- | :--- | :--- | :---: |
| 9. During the past month, how would you rate <br> your sleep quality overall? | 15.9 | 69.0 | 13.6 | 1.5 |
|  | No bed <br> partner or <br> roommate (\%) | Partner/ <br> roommate in <br> other room (\%) | Partner in same <br> room but not <br> same bed (\%) | bed (\%) |

If you have a roommate or bed partner, ask
him/her how often in the past month you have
had:

| a. Loud snoring | 80.4 | 9.2 | 5.9 | 4.5 |
| :--- | :--- | :--- | :--- | :--- |
| b. Long pauses between breaths while asleep | 91.1 | 7.9 | 0.6 | 0.4 |
| c. Legs twitching or jerking while you sleep | 83.2 | 13.9 | 2.9 | 0.0 |
| d. Episodes of disorientation or confusion <br> during sleep | 85.5 | 12.6 | 1.5 | 0.4 |
| e. Other restlessness while you sleep, please <br> describe: | 87.8 | 8.6 | 3.2 | 0.4 |

