

Additional file 3. Frequency of "Does Not Apply" Responses and Missing Data for Each TBQ+D Item

| | Does not apply: N (%) | Missing |
|--|-----------------------|---------|
| How much of a problem is the taste, shape, or size of your pills? | 66 (22.1%) | 1 |
| How much of a problem are the annoyances caused by your injections? | 32 (10.7%) | 0 |
| How much of a problem is the number of times that you should take your medication daily? | 13 (4.4%) | 1 |
| How much of a problem are the efforts you make to help you remember to take your medications | 6 (2.0%) | 2 |
| How much of a problem is it to take the necessary precautions when taking your medication? | 8 (2.7%) | 1 |
| How much of a problem is it to arrange medical appointments? | 2 (0.7%) | 1 |
| How much of a problem is it to attend doctor visits and other office visits: given their frequency and time spent participating in them? | 3 (1.0%) | 2 |
| How much of a problem is it to complete lab tests and other exams: given their frequency, time spent and associated nuisances or inconveniences? | 4 (0.3%) | 4 |
| How much of a problem are the difficulties you have in your relationships with healthcare professionals? | 1 (0.3%) | 4 |
| How much of a problem is the time and effort required for self-monitoring: given their frequency, time spent and associated nuisances or inconveniences? | 14 (4.7%) | 4 |
| How much of a problem is the administrative burden related to healthcare? | 3 (1.0%) | 6 |
| How much of a problem is the financial burden associated with your healthcare? | 4 (1.3%) | 2 |
| How much of a problem is it to make changes in eating and other habits? | 3 (1.0%) | 3 |
| How much of a problem is it to follow doctors' recommendations to practice physical activity? | 2 (0.7%) | 1 |

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| How much of a problem is how your healthcare affects your relationships with others? | 4 (1.4%) | 4 |
| How much of a problem is it to manage your health discretely? | 7 (2.4%) | 3 |
| How much of a problem is the privacy and security of your health information? | 4 (1.4%) | 5 |
| The need for healthcare on a regular basis reminds me of my health problems'. | 0 | 3 |
| Do you use digital devices as part of your health management? | No = 26 (8.7%) | 5 people did not answer screening question. |
| | N=269 pts | |
| How much of a problem is the time and effort required to take care of and use your digital devices in your day-to-day life? | 3 (1.1%) | 4 |
| How much of a problem is the annoyance and discomfort of your digital devices? | 6 (2.2%) | 1 |
| How much of a problem is the time and effort required to solve problems with your digital devices? | 6 (2.2%) | 3 |
| How much of a problem is it to take the necessary precautions when using your digital devices? | 5 (1.9%) | 0 |
| How much of a problem is it to give control of your health to digital devices? | 8 (3.0%) | 0 |
| The need for digital devices (including their visibility) on a regular basis reminds me of my health problems. | 0 | 0 |