**Development and implementation of a novel survey to evaluate the burden and quality of life of caregivers of patients with glioblastoma**

**Additional file 7.** Increase in CD symptoms associated with more caregivers reporting effect on work and finances

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Survey question | Survey question answer options | All (*n* = 185) | Number of CD symptoms perceived by caregiver\* | | | *p* value† | | |
| Low: 0–3 (*n* = 62) | Intermediate: 4–6 (*n* = 80) | High: 7–9 (*n* = 43) | Low vs Intermediate | Intermediate vs High | Low vs High |
| *I am preoccupied at work with my caregiving responsibilities.\** | Not at all | 4 (5) | 2 (7) | 1 (3) | 1 (5) | 0.29 | 0.44 | **0.04** |
| A little bit | 11 (14) | 6 (20) | 4 (13) | 1 (5) |
| Somewhat | 15 (19) | 9 (30) | 4 (13) | 2 (11) |
| Quite a bit | 39 (49) | 12 (40) | 16 (53) | 11 (58) |
| Very much | 6 (8) | 0 (0) | 2 (7) | 4 (21) |
| Does not apply | 4 (5) | 1 (3) | 3 (10) | 0 (0) |
| *My job performance has suffered because of my caregiving responsibilities.\** | Not at all | 7 (9) | 4 (13) | 3 (10) | 0 (0) | **0.04** | 0.24 | **0.01** |
| A little bit | 21 (26) | 12 (40) | 4 (13) | 5 (25) |
| Somewhat | 13 (16) | 7 (23) | 4 (13) | 2 (10) |
| Quite a bit | 27 (34) | 6 (20) | 13 (43) | 8 (40) |
| Very much | 8 (10) | 0 (0) | 3 (10) | 5 (25) |
| Does not apply | 4 (5) | 1 (3) | 3 (10) | 0 (0) |
| *I worry that my caregiving responsibilities will impact my job security.\** | Not at all | 7 (9) | 5 (17) | 2 (7) | 0 (0) | 0.59 | 0.60 | 0.11 |
| A little bit | 25 (31) | 10 (33) | 9 (30) | 6 (30) |
| Somewhat | 13 (16) | 5 (17) | 5 (17) | 3 (15) |
| Quite a bit | 27 (34) | 9 (30) | 10 (33) | 8 (40) |
| Very much | 5 (6) | 0 (0) | 2 (7) | 3 (15) |
| Does not apply | 3 (4) | 1 (3) | 2 (7) | 0 (0) |
| *I feel financially stable, despite the demands of being a caregiver.* | Not at all | 16 (9) | 3 (5) | 5 (6) | 8 (20) | 0.94 | **0.04** | **0.04** |
| A little bit | 29 (16) | 8 (13) | 11 (14) | 10 (25) |
| Somewhat | 31 (17) | 10 (16) | 17 (21) | 4 (10) |
| Quite a bit | 77 (43) | 30 (49) | 35 (44) | 12 (30) |
| Very much | 28 (15) | 10 (16) | 12 (15) | 6 (15) |
| *\*Among 82 caregivers currently working.* | | | | | | | | |

*CD* cognitive dysfunction.

\*Caregivers were asked to identify CD symptoms in their loved one in the past 14 days, including memory problems, language problems, confusion, problems completing familiar tasks, changes in mood, judgment problems, and problems with motor coordination.

†Fisher’s exact test.