Table S1. Association between having an unmet need for assistance with day-to-day activities because of subjective cognitive decline (SCD) and health related quality of life (HRQOL) outcomes using revised definition of unmet need (rarely or never receiving assistance), based on log-binomial regression models, Behavioral Risk Factor Surveillance System, 2015-2018.

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| **HRQOL Outcome** | **Crude** **PR (95% CI)*****p-value*** | **Model 1****PR (95% CI)*****p-value*** | **Model 2****PR (95% CI)*****p-value*** | **Model 3****PR (95% CI)*****p-value*** |
| Frequent mental distress | **Among People with Depression History** |
| **1.13 (1.02-1.25)*****0.021*** | **1.11 (1.02-1.20)** 1***0.012*** | **1.10 (1.02-1.19)** 1***0.012*** | N/A |
| **Among People without Depression History** |
| **1.70 (1.10-2.64)*****0.017*** | **1.73 (1.18-2.52)** 1***0.005*** | **1.72 (1.17-2.52)** 1***0.005*** | N/A |
| Frequent physical distress | 1.03 (0.90-1.17)*0.68* | 0.99 (0.88-1.11)*0.89* | 0.99 (0.88-1.11)*0.85* | 0.98 (0.87-1.09)*0.67* |
| SCD-related social limitations | 1.03 (0.92-1.15)*0.63* | 1.01 (0.93-1.10)*0.75* | 1.00 (0.92-1.08)*0.98* | 1.00 (0.93-1.08)*0.96* |

N=6,568 unweighted respondents in each model

Model 1: includes age category (45-59, 60-64, 65-74, 75-79, 80+ years), sex, race/ethnicity category (white, non-Hispanic and any race, Hispanic indicators only), education category (less than high school, high school equivalent, some college, college graduate), and living alone

1Model included white, non-Hispanic and any race, Hispanic indicator variables only and did not include living alone because of small cell sizes (model did not converge).

Model 2: includes Model 1 variables plus an indicator for having at least one of the following chronic health conditions: arthritis, asthma (current), cancer, cardiovascular disease, chronic lung disease including COPD, diabetes

Model 3: includes Model 2 variables plus depression history

Note: all models included white, non-Hispanic and any race, Hispanic indicator variables only, rather than a 4-category variable for race and ethnicity because of small cell sizes (models did not converge).

Statistically significant estimates (p<0.05) indicated in bold font

PR: Prevalence ratio

95%CI: 95% confidence interval for the prevalence ratio