HOME CARE WORKER HEART FAILURE SELF-CARE SELF-EFFICACY

**Supplemental Material**

Table 3. Sensitivity Analysis of the Association between Home Care Worker Characteristics and Adequate Self-efficacy with Gender Included in Model 2

| Characteristics | Model 2 | |
|---|---|---|
| | PR (95% CI) | p-value |
| Hours per week spent with HF patient | 1 | .51 |
| Length of time as a home care worker (in years) | 1.02 (1.00,1.03) | .04 |
| Number of patients cared for with HF[a] | | |
| 6-10 | 0.73 (0.47,1.12) | .15 |
| >10 | 0.94 (0.68,1.31) | .73 |
| Agency size[b] | | |
| Medium (1500-6000) | 1.08 (0.87,1.34) | .49 |
| Large (≥ 6000) | 1.20 (0.78,1.86) | .40 |
| Satisfied with Job | 1.11 (0.78,1.57) | .56 |
| Preparation for caregiving | 3.10 (2.43,3.96) | <.001 |
| Some/a lot of training | 1.48 (1.20,1.82) | <.001 |
| Age | 1.00 (0.99,1.01) | .85 |
| Female | 1.19 (0.64,2.20) | .59 |
| Race/ethnicity[c] | | |
| Non-Hispanic Black | 1.20 (0.80,1.80) | .37 |
| Hispanic | 1.14 (0.74,1.75) | .56 |
| Asian/Pacific Islander | 1.15 (0.62,2.10) | .66 |
| Other | 1.12 (0.69,1.83) | .64 |
| Not born in the US | 0.97 (0.78,1.21) | .80 |
| Education[d] | | |
| Completed high school or GED | 1.07 (0.80,1.44) | .63 |
| Some college | 0.77 (0.56,1.05) | .10 |
| College degree or higher | 1.23 (0.89,1.69) | .20 |

Note. HCW = Home Care Worker; PR = Prevalence Ratio; CI = Confidence Interval. Model 2 includes gender with imputation and does not include participants missing agency size values.
a. Compared with 1-5 patients care for with HF
b. Compared with small agency size (<1500)
c. Compared with Non-Hispanic White
d. Compared with No degree or some high school

Table 4. Sensitivity Analysis of the Association between Home Care Worker Characteristics and Adequate Self-efficacy Including 10 Participants with Imputed Agency Information

| Characteristics | Crude | | Model 1 | | Model 2 | |
|---|---|---|---|---|---|---|
| | PR (95% CI) | p-value | PR (95% CI) | p-value | PR (95% CI) | p-value |
| Hours per week spent with HF patient | 0.99 (0.98,1.00) | .13 | 1.00 (1.00,1.01) | .41 | 1.00 (1.00,1.01) | .45 |
| Length of time as a home care worker (in years) | 1.02 (1.01,1.03) | .01 | 1.01 (1.00,1.02) | .03 | 1.01 (1.00,1.03) | .06 |
| Number of patients cared for with HF[a] | | | | | | |
|    6-10 | 0.49 (0.30,0.79) | .003 | 0.74 (0.52,1.06) | .10 | 0.75 (0.51,1.12) | .16 |
|    >10 | 1.10 (0.77,1.57) | .61 | 0.88 (0.65,1.19) | .40 | 0.88 (0.64,1.21) | .44 |
| Agency size[b] | | | | | | |
|    Medium (1500-6000) | 1.06 (0.81,1.38) | .68 | 1.00 (0.82,1.23) | .96 | 1.07 (0.87,1.33) | .52 |
|    Large (≥6000) | 0.59 (0.34,1.02) | .06 | 1.16 (0.78,1.72) | .47 | 1.18 (0.76,1.82) | .46 |
| Satisfied with Job | 1.91 (1.23,2.98) | .004 | 1.22 (0.89,1.67) | .22 | 1.09 (0.77,1.53) | .64 |
| Preparation for caregiving | 3.27 (2.44,4.38) | <.001 | 2.97 (2.40,3.69) | <.001 | 3.13 (2.46,3.98) | <.001 |
| Some/a lot of training | 2.37 (1.88,2.99) | <.001 | 1.48 (1.22,1.79) | <.001 | 1.45 (1.17,1.80) | .001 |
| Age | 1.01 (0.99,1.02) | .28 | | | 1.00 (0.99,1.01) | .92 |
| Race/ethnicity[c] | | | | | | |
|    Non-Hispanic Black | 1.56 (0.92,2.64) | .10 | | | 1.23 (0.81,1.87) | .34 |
|    Hispanic | 1.15 (0.65,2.05) | .63 | | | 1.17 (0.74,1.85) | .51 |
|    Asian/Pacific Islander | 1.21 (0.57,2.59) | .62 | | | 1.10 (0.61,1.98) | .76 |
|    Other | 1.24 (0.69,2.22) | .47 | | | 1.13 (0.69,1.83) | .63 |
| Not born in the US | 0.95 (0.73,1.23) | .68 | | | 1.01 (0.81,1.25) | .95 |
| Education[d] | | | | | | |
|    Completed high school or GED | 1.06 (0.77,1.46) | .71 | | | 1.05 (0.79,1.39) | .73 |
|    Some college | 0.87 (0.56,1.35) | .54 | | | 0.79 (0.58,1.07) | .13 |
|    College degree or higher | 1.13 (0.79,1.63) | .49 | | | 1.22 (0.91,1.65) | .19 |

Note. HCW = Home Care Worker; PR = Prevalence Ratio; CI = Confidence Interval.
All models include participants with missing agency size values.
No imputation for missing agency size in crude model. Models 1 and 2 include imputation for missing agency size.
a. Compared with 1-5 patients care for with HF
b. Compared with small agency size (<1500)
c. Compared with Non-Hispanic White
d. Compared with No degree or some high school