

**Table 1.** The absolute and relative prevalence of demographic variables and their relationship with prevalence of depression among caregivers of elderly chemical veterans (n=142 subjects)

<b>Demographic variables</b>	<b>No.</b>	<b>%</b>	<b>Prevalence of depression</b>	<b>P value</b>
<b>Gender</b>				
Male	111	78.2	55.9	0.21
Female	31	21.8	41.9	
<b>Age range</b>				
20-30	16	11.3	62.5	0.004
31-40	74	52.1	63.5	
41-50	52	36.6	34.6	
<b>Education</b>				
Elementary and secondary school	34	23.9	61.8	0.687
High school	51	35.9	51	
Diploma	43	30.3	48.8	
University	14	9.9	50	
<b>Occupation</b>				
Employed	116	81.7	56.9	0.33
Housewife	26	18.3	34.6	
<b>Marital status</b>				
Married	136	95.8	52.2	0.395
Single	6	4.2	66.7	
<b>Economic status</b>				
Low	27	19	66.7	0.001
Moderate to low	33	23.2	63.6	
Moderate to high	59	41.5	50.8	
High	23	16.2	26.1	
<b>Place of birth</b>				
City	93	65.5	62.4	0.001
Village	49	34.5	34.7	

**Table 2.** The mean score of research variables and correlation coefficients between depression scores and self-efficacy and its dimensions among caregivers of elderly chemical veterans

<b>Variables</b>	<b>Scores</b>	<b>Correlation coefficient</b>
<b>Depression</b>	3.50±5.06	1
<b>Self-efficacy</b>	7.09±52.44	-0.47
<b>Behavioral intention</b>	5.10±27.39	-0.46
<b>Behavioral effort</b>	1.75±15.93	-0.32
<b>Persistence on behavior</b>	1.91±9.12	-0.22

For all coefficients:  $p < 0.001$

**Table 3.** Multiple Linear regression results for the relationship between self-efficacy and depression score with/without controlling demographic variables

<b>Variables</b>	<b>Beta coefficient</b>	<b>P value</b>	<b>F value (significance level)</b>	<b>Coefficient of determination R<sup>2</sup></b>
Depression (Reference)				
<b>Self-efficacy (before adjusting)</b>	-0.469	<0.001	39.514 (0.001)	0.47 (0.22)
<b>Self-efficacy (after adjusting)</b>	-0.374	<0.001	9.077 (0.001)	0.5 (0.25)
Gender (reference: male)	-0.080	0.331		
Age	-0.119	0.131		
Economic level (reference: low)	-0.105	0.209		
Place of birth (reference: city)	-0.044	0.627		

**Table 4.** Multiple linear regression results in the relationship between self-efficacy dimensions and depression score before/after adjusting for demographic variables

Variables	Beta coefficient	P value	F value (significance level)	Coefficient of determination R <sup>2</sup>
Depression (Reference)				
Behavioral intentions (before adjusting)	-0.403	0.001	39.514 (<0.001)	0.46 (0.22)
Behavioral effort (before adjusting)	-0.165	0.042		
Persistence on behavior (before adjusting)	0.009	0.913		
Behavioral intentions (after adjusting)	-0.352	0.001	6.955 (<0.001)	0.52 (0.27)
Behavioral effort (after adjusting)	0.148-	0.048		
Persistence on behavior (after adjusting)	0.035	0.692		
Gender (reference: male)	0.085-	0.301		
Age	0.138-	0.082		
Economic level (reference: low)	0.091-	0.277		
Place of birth (reference: city)	0.009-	0.927		

**Table 5.** Logistic regression results for the relationship between self-efficacy and depression before/after adjusting for demographic variables

<b>Variables</b>	<b>OR</b>	<b>95% CI</b>	<b>R<sup>2</sup></b>
Depression (Reference)			
Self-efficacy (without adjusting)	*0.888	0.840-0.939	18.30%
Self-efficacy (with adjusting)	*0.918	0.859-0.981	26.90%
<b>Gender</b>			
Male	1		
Female	0.541	0.192-1.527	
Age	*0.932	0.875-0.993	
<b>Economic status</b>			
Low	1		
Moderate to low	0.805	0.246-2.631	
Moderate to high	0.502	0.169-1.494	
High	*0.267	0.065-0.948	
<b>Place of birth</b>			
City	1		
Village	0.855	0.344-2.124	

\* p <0.05