



## Predictors of Depressive Symptoms: What Are the Roles of Geography and Informal Social Support?

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### ABSTRACT

Using data from the 2004 wave of the Health and Retirement Study (HRS), three central research questions were examined. First, are there variations in depressive symptoms by geographic region? Second, are variations in depressive symptoms related to informal social support? Third, are there interactions between geography and informal social support in regard to predicting depressive symptoms? Results from this study found a small, but significant difference in depressive symptoms by geography region. Also, informal social support from children and friends were predictive of lower levels of depression. Furthermore, informal social support interacted with region to explain additional variation in depressive symptoms. Participants' perceptions that they could rely on their adult children to meet their needs was more salient in regard to reducing depressive symptoms for exurban than non-exurban participants, and increased limitations in mobility, strength, and fine motor skills were more influential in explaining depressive symptoms in exurban than other persons.

### KEYWORDS

Depression; Aging; Rurality; Social Support; Older Adults

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### References

- [1] Bierman, A., Fazio, E. M., & Milkie, M. A. (2006). A multifaceted approach to the mental health advantage of the married: Assessing how explanations vary by outcome measure and unmarried group. *Journal of Family Issues*, 27, 554-582. doi:10.1177/0192513X05284111
- [2] Braam, A. W., Prince, M. J., Beekman, A. T. F., Delespaul, P., Dewey, M. E., Geerlings, S. W., et al. (2005). Physical health and depressive symptoms in older Europeans. *British Journal of Psychiatry*, 187, 35-42. doi:10.1192/bj.p.187.1.35
- [3] Buckwalter, K. C., Davis, L. L., Wakefield, B. J., Kienzle, M. G., & Murray, M. A. (2002). Telehealth for elders and their caregivers in rural communities. *Family and Community Health*, 25, 31-40. doi:10.1097/00003727-200210000-00007
- [4] Butler, M. A., & Beale, C. L. (1994). Rural-urban continuum codes for metro and non-metro counties, 1993 (Staff Report No. 9425). Washington DC: US Department of Agriculture, Agriculture and Rural Economy Division, Economic Research Service.
- [5] Callahan, C., Kesterson, J., & Tierney, W. (1997). Association of symptoms of depression with diagnostic test charges among older adults. *Annals of Internal Medicine*, 126, 426-433.
- [6] Clarke, P., Fisher, G., House, J., Smith, J., & Weir, D. (2007). Guide to content of the HRS psychosocial leave-behind participant lifestyle questionnaires: 2004 & 2006. <http://hrsonline.isr.umich.edu/docs/userg/HRS2006LBQscale.pdf>
- [7] Djernes, J. K. (2006). Prevalence and predictors of depression in populations of elderly: A review.

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- [8] Engedal, K. (1996). Mortality in the elderly—A 3-year follow-up of an elderly community sample. *International Journal of Geriatric Psychiatry*, 11, 467-471. doi:10.1002/(SICI)1099-1166(199605)11:5<467::AID-GPS338>3.0.CO;2-S
- [9] Fonda, S., & Herzog, A. R. (2004). Documentation of physical functioning measured in the Health and Retirement Study and Asset and Health Dynamics among the Oldest Old Study. <http://hrsonline.isr.umich.edu/docs/userg/dr-008.pdf>
- [10] Ganong, L. H., & Coleman, M. (1999). Changing families, changing responsibilities: Family obligations following divorce and remarriage. Mahwah: Lawrence Erlbaum Associates.
- [11] Gatz, M., & Smyer, M. A. (1992). The mental health system and older adults in the 1990s. *American Psychologist*, 47, 741-751. doi:10.1037/0003-066X.47.6.741
- [12] Himmelfarb, S. & Murrell, S. A. (1983). Reliability and validity of five mental health scales in older persons. *Journal of Gerontology*, 38, 333-339. doi:10.1093/geronj/38.3.333
- [13] House, J. S., Landis, K. R., & Umberson, D. (1988). Social relationships and health. *Science*, 241, 540-545. doi:10.1126/science.3399889
- [14] Johnson, J. E. (1998). Stress, social support, and health in frontier elders. *Journal of Gerontological Nursing*, 24, 29-35.
- [15] Katon, W. J., Lin, E., Russo, J., & Unutzer, J. (2003). Increased medical costs of a population-based sample of depressed elderly patients. *Archives of General Psychiatry*, 60, 897-903. doi:10.1001/archpsyc.60.9.897
- [16] Killian, T. S., & Ganong, L. H. (2002). Ideology, context, and obligations to assist older persons. *Journal of Marriage and the Family*, 64, 1080-1088. doi:10.1111/j.1741-3737.2002.01080.x
- [17] Killian, T.S., Turner, J., & Cain, R. (2005). Depressive symptoms of caregiving women in midlife: The role of physical health. *Journal of Women & Aging*, 17, 115-127. doi:10.1300/J074v17n01\_09
- [18] Kohout, F. J., Berkman, L. F., Evans, D. A., & Cornoni-Huntley, J. (1993). Two shorter forms of the CES-D depression symptoms index. *Journal of Aging and Health*, 5, 179-193. doi:10.1177/089826439300500202
- [19] Langa, K. M., Valenstein, M. A., Fendrick, A. M., Kabato, M. U., & Vijan, S. (2004). Extent and cost of informal caregiving for older Americans with symptoms of depression. *The American Journal of Psychiatry*, 161, 857-863. doi:10.1176/appi.ajp.161.5.857
- [20] Montani, L., Billaud, N., Tyrrell, J., Fluchaire, I., Malterre, C., Lauvernay, N., Couturier, P., & Franco, A. (1997). Psychological impact of a remote psychometric consultation with hospitalized elderly people. *Journal of Telemedicine and Telecare*, 3, 140-145. doi:10.1258/1357633971931048
- [21] Oxman, T. E., Berkman, L. F., Kasl, S., Freeman, D. H., & Barret, J. (1992). Social support and depressive symptoms in the elderly. *American Journal of Epidemiology*, 135, 356-368.
- [22] Penninx, B. W. J. H., Guralnik, J. M., Ferrucci, L., Simonsick, E. M., Deeg, D. J. H., & Wallace, R. B. (1998). Depressive symptoms and physical decline in community-dwelling older persons. *The Journal of the American Medical Association*, 279, 1720-1726. doi:10.1001/jama.279.21.1720
- [23] Probst, J. C., Laditka, S. B., Moore, C. G., Harun, N., Poweel, P., & Baxley, E. G. (2006). Rural-urban differences in depression prevalence: Implications for family medicine. *Family Medicine*, 38, 653- 660.
- [24] Radloff, L. S. (1977). The CES-D scale: A self-report depression scale for research in the general population. *Applied Psychological Measurement*, 1, 385-401. doi:10.1177/014662167700100306
- [25] Rathbone-McCuan, E., & Bane, S. (2003). Rural mental health: A discussion of service capacity building for rural elders. *Journal of Gerontological Social Work*, 41, 301-312. doi:10.1300/J083v41n03\_07
- [26] Ried, L., & Planas, L. (2002). Aging, health, and depressive symptoms: Are women and men different? *Journal of Women' s Health*, 11, 813- 824. doi:10.1089/15409990260430963
- [27] Rogers, C. C. (2002a). Rural health issues for the older population. *Rural America*, 17, 30-36.
- [28] Rogers, C. C. (2002b). The older population in 21st century rural America. *Rural America*, 17, 1-10.

- [29] Schulz, R., & Beach, S. R. (1999). Caregiving as a risk for mortality: The caregiver health effects study. *Journal of the American Medical Association*, 282, 2215-2219. doi:10.1001/jama.282.23.2215
- [30] Steffick, D. E. (2000). Documentation of affective functioning measures in the Health and Retirement Study. <http://hrsonline.isr.umich.edu/docs/userg/dr-005.pdf>
- [31] Sumner, C. R. (2001). Telepsychiatry: Challenges in rural aging. *The Journal of Rural Health*, 17, 370-373. doi:10.1111/j.1748-0361.2001.tb00291.x
- [32] Wilson, R., Mendes de Leon, C., Bennett, D., Bienias, J., & Evans, D. (2004). Depressive symptoms and cognitive decline in a community population of older persons. *Journal of Neurology, Neurosurgery and Psychiatry*, 75, 126-129.
- [33] Yang, Y. (2006). How does functional disability affect depressive symptoms in late life? The role of perceived social support and psychological resources. *Journal of Health and Social Behavior*, 47, 355-372. doi:10.1177/002214650604700404
- [34] Yang, Y., & George, L. K. (2005). Functional disability, disability transitions, and depressive symptoms in late life. *Journal of Aging and Health*, 17, 263-292. doi:10.1177/0898264305276295
- [35] Zunzunegui, M. V., Beland, F., Llacer, A., & Leon, V. (1998). Gender
- [36] differences in depressive symptoms among Spanish elderly. *Social Psychiatry and Psychiatric Epidemiology*, 33, 195-205. doi:10.1007/s001270050043