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As people age, it is common for their mobility to dedine, naking it harder to function integrated yard accomplishes englay tasks like shoping dearing and even moving a curticutes own home. In addition to physical limitations, a dedire in nobility can impact relationships, social activity, and quality of life. Moreover, it can imease the probability of experiencing obesity, cardiovascular disease, diabetes, poor cognitive function and depression There are two primary vas to imease an inhidels nobility utilizing a mubility device (i.e. care, walker, wheeld rais; scooter) or obtaining personal assistance (i.e. when another person helps with tasks required for daily living). The goal of this study was to determine whether the use of mubility devices substitutes for personal assistance among US ddradds Thisis important because device use has the potential to increase independence for those with nobility limitations, easing the pesue on family caegivers and a strained long temczewakłace

. The study utilized data from the 2011 wave of the National Health and Aging Tierds Study (NHAIS) to identify 3,211 community dwelling older adults (65+) who reported nubility difficulties. Mubility difficulties were assessed by asking study participants if they had difficulty moving inside, moving outside, or getting out of bedintle prior north. The two primary outcomes

variables were (a) any use of mubility desire and (b) any use of personal assistance for mubility. The N-KIS survey assessed mubility desire use with a yes/no question concerning use of a care, waller; wheelchair; or scooterins B e

with mubility were included as independent variables These were gentler; age, race/ethnicity education income, and insurance participation Physical and social environment were evaluated with questions about whether participants lived alone criesided in a retirement community, and whether there were stains or steps at their Their physical canacity was residences determined through a series of questions convening the ability to perform various physical tasks (e.g. dinbing stains, kneeling down). Robbledmentiavas determined based on the N-KIS dassifications denne, which included selfreported physician diagnosis interviews and tests of cognition Depression was assessed with a validated two item decression screene: Finally physical impairment and health variables were evaluated using participant reports of pain balance publicus, arlimited lover body aruper body strength as well as height and weight (to assess bodynass index), if they had spent a right in the hospital within the last 12 months, and if

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they had been diagnosed with a stroke, arthritis, osteoporosis, or diabetes

. Braiate analyses were used to examine the independent variables by accommodation (mobility device alone, personal assistance alone, both, and neither). Recusive bivariate probit models were then used to jointly estinate the effect of independent variables on the likelihood of using mubility devices and pesoral assistance This nethodis suitable for the joint modeling of two didutanous dependent variables that are conclated and not assumed to occur in any order. The model consists of two equations, with the dependent variable of the secondequation(desiceuse) enteredintothefist equation (personal assistance) as an independent vaiable, therebylinking the two equations to form arecusivenorbl