

Contents of BCHRECDATA.ASC and BCHWELFDATA.ASC

The file bchrecredata.asc contains the data necessary to run the nested logit GAUSS program beachrec.g. The data set contains 565 observation (rows) and 1004 variables (columns). Beaches (alternatives) in the choice set are numbered from 1 (Sandy Hook NJ, the northernmost beach) to 62 (Assateague Island MD/VA, the southernmost beach). Beach characteristic variables are similarly indexed so that variables ending in 1 refer to Sandy Hook NJ, 62 to Assateague, and so on throughout the range. The variable Dayv63 refers to the “no trip” option.

The data matrix is laid out as follows:

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*****
composition of beachrecredata.asc and relation to coefficients
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b1    price1-price62          x[.,1] - x[.,62]
b2    lglth1-lglth62          x[.,63] - x[.,124]
b3    bwalk1-bwalk62          x[.,125] - x[.,186]
b4    amuse1-amuse62          x[.,187] - x[.,248]
b5    privat1-privat62        x[.,249] - x[.,310]
b6    park1-park62            x[.,311] - x[.,372]
b7    wide1-wide62            x[.,373] - x[.,434]
b8    narrow1-narrow62        x[.,435] - x[.,496]
b9    acity1-acity62          x[.,497] - x[.,558]
b10   surf1-surf62            x[.,559] - x[.,620]
b11   hrise1-hrise62          x[.,621] - x[.,682]
b12   parkwi1-parkwi62        x[.,683] - x[.,744]
b13   fac1-fac62              x[.,745] - x[.,806]
b14   prkng1-prkng62          x[.,807] - x[.,868]
      njbch1-njbch62          x[.,869] - x[.,930]
      dayv1-dayv63              x[.,931] - x[.,993]
b15   IVnj
b16   IVde
b17   IV2
b18   constant
b19   Inage                  x[.,994]
b20   kidsu10                 x[.,995]
b21   kidsu16                 x[.,996]
b22   flextm                  x[.,997]
b23   vpin                    x[.,998]
b24   vpout                   x[.,999]
b25   retired                 x[.,1000]
b26   student                 x[.,1001]
b27   parttime                 x[.,1002]
b28   workhome                 x[.,1003]
b29   volunt                  x[.,1004]
*****
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The file bchwelfdata.asc is the data file used in conjunction with the GAUSS program beachwelf.g to estimate welfare scenarios. It has the same layout as bchrecredata.asc, except it includes an additional variable (county x[.,1005]).

Definition of Variable in BCHRECDATA.ASC and BCHWELFDATA.ASC

Price1-62	Trip cost (includes tolls, beach fees, transit costs, and parking fees) + time costs
Lglth1-62	Length of beach in miles (logged)
Bwalk1-62	Boardwalk with shops and attractions present
Amuse1-62	Amusement park, rides, or games available or nearby the beach
Park1-62	State park, federal park, or wildlife refuge
Privat1-62	Private or limited access
Wide1-62	Beach width from dune toe to berm greater than 200 feet
Narr1-62	Beach width from dune toe to berm less than 75 feet
Acity1-62	Atlantic City
Surf1-62	Recognized as a good location for surfing
Hrise1-62	Highly developed
Parkwi1-62	Part of the beach is a park area
Facil1-62	Facilities such as bathrooms, showers, and food available on or just off the beach
Prkng1-62	Presence of adequate parking near beach
Njbch1-62	Beach located in New Jersey
Dayv1-62	Number of day trips to a beach
Lnage	Age (logged)
Kidsu10	Number of kids under 10 years of age
Kidsu16	Number of kids between 10 and 16 years of age
Flextm	Work flextime schedule
Vpin	Owning a beach vacation home in the Mid-Atlantic
Vpout	Owning a beach vacation home outside the Mid-Atlantic
Retired	Retired worker
Student	Student
Parttime	Work part-time
Workhome	Work from home
Volunt	Work as a volunteer
County	Respondents county of residence

*All variables except price, lglth, dayv, lnage, kidu10, kidsu16, and county are 0/1 dummy variables.