

## File Information for Mud Snail Data

(Note: All variables starting with "Q" correspond to original survey questions. The remaining variables were created after completion of the survey)

Missing values are coded as "999" for all variables.

### Variable Information

Variable	Position	Label
survey_id	1	original survey ID
run_id	2	running ID (1-754)
Q1	3	years of fishing
Q2	4	use fly fishing?
Q3	5	use spin casting?
Q4	6	type of spin casting
Q5	7	wade in water?
Q6	8	keep fish?
Q7a	9	importance of solitude
Q7b	10	importance of easy access
Q7c	11	importance of scenery
Q7d	12	importance of catching any trout
Q7e	13	importance of catching large trout
Q7f	14	importance of catching wild trout
Q7g	15	importance of no bait restrictions
Q7h	16	importance of keeping trout = allowed
Q8	17	Hold CA license in 2004?
Q9	18	License mix for 2005
Q10	19	Heard of NZMS?
Q11a	20	Info source = media
Q11b	21	Info source = poster / flyer outdoors
Q11c	22	Info source = poster / flyer in store
Q11d	23	Info source = word to mouth
Q11e	24	Info source = other
Q11_other	25	Details on "other" info source
Q12a	26	Measure = avoid wading
Q12b	27	Measure = drying gear
Q12c	28	Measure = leave gear in sun
Q12d	29	Measure = soaking gear in solution
Q12e	30	Measure = freezing gear
Q12f	31	Measure = use designated gear
nocontain	32	Know about snail but take no containment measure
Q13	33	Will use any of these measures?
Q14a	34	Fished Snake River in 2004 / 2005?
Q14b	35	Fished Utah rivers in 2004 / 2005?
Q14c	36	Fished Owens River in 2004 / 2005?

Q14d	37	Fished Yellowstone rivers in 2004 / 2005?
Q14e	38	Fished Colorado River in 2004 / 2005?
Q15a	39	Day trips to T1 in 2004
Q15b	40	Day trips to T2 in 2004
Q15c	41	Day trips to T3 in 2004
Q15d	42	Day trips to T4 in 2004
Q15e	43	Day trips to T1 in 2005
Q15f	44	Day trips to T2 in 2005
Q15g	45	Day trips to T3 in 2005
Q15h	46	Day trips to T4 in 2005
Q16	47	Preferred T4 destination
Q17a	48	Day trips to C1 in 2004
Q17b	49	Day trips to C2 in 2004
Q17c	50	Day trips to C3 in 2004
Q17d	51	Day trips to C4 in 2004
Q17e	52	Day trips to C1 in 2005
Q17f	53	Day trips to C2 in 2005
Q17g	54	Day trips to C3 in 2005
Q17h	55	Day trips to C4 in 2005
Q18	56	Preferred C4 destination
Q19a	57	Day trips to W1 in 2004
Q19b	58	Day trips to W2 in 2004
Q19c	59	Day trips to W3 in 2004
Q19d	60	Day trips to W4 in 2004
Q19e	61	Day trips to W1 in 2005
Q19f	62	Day trips to W2 in 2005
Q19g	63	Day trips to W3 in 2005
Q19h	64	Day trips to W4 in 2005
Q20	65	Preferred W4 destination
Q21a	66	Overnight trips in 2004
Q21b	67	Overnight trips in 2005
Q22a	68	Day trips to other sites in CA / NV in 2004
Q22b	69	Overnight trips to other sites in CA / NV in 2004
Q22c	70	Day trips to other sites in CA / NV in 2005
Q22d	71	Overnight trips to other sites in CA / NV in 2005
Q23	72	Effect of catch & release for section T4 on purchase of NV license
Q24	73	Effect of catch & release for section T4 on trips
Q25	74	Effect of catch & release for section C4 on purchase of NV license
Q26	75	Effect of catch & release for section C4 on trips
Q27	76	Effect of catch & release for section W4 on purchase of NV license
Q28	77	Effect of catch & release for section W4 on trips
Q29	78	Effect of closure of section T3 on purchase of NV license
Q30	79	Effect of closure of section T3 on overall trips
Q31	80	Effect of closure of section T4 on purchase of NV license
Q32	81	Effect of closure of section T4 on overall trips
Q33	82	Effect of closure of section W3 on purchase of NV license
Q34	83	Effect of closure of section W3 on overall trips

Q35a	84	Expenditures on food/beverages for typical day trip
Q35b	85	Expenditures on gasoline for typical day trip
Q35c	86	Expenditures on tackle / bait / lures for typical day trip
exp_day	87	All day trip expenditures
Q36a	88	Expenditures on accommodation for typical overnight trip
Q36b	89	Expenditures on food/beverages for typical overnight trip
Q36c	90	Expenditures on gasoline for typical overnight trip
Q36d	91	Expenditures on tackle / bait / lures for typical overnight trip
exp_on	92	All overnight trip expenditures
Q37	93	gender
Q38	94	age
Q39	95	household type
Q40	96	education level
Q41	97	household income
web	98	used web version of survey
CA	99	California resident
distC1	100	travel distance to C1 (miles)
distC2	101	travel distance to C2 (miles)
distC3	102	travel distance to C3 (miles)
distC4A	103	travel distance to C4, sub-section A (miles)
distC4B	104	travel distance to C4, sub-section B (miles)
distC4C	105	travel distance to C4, sub-section C (miles)
distC4D	106	travel distance to C4, sub-section D (miles)
distT1	107	travel distance to T1 (miles)
distT2	108	travel distance to T2 (miles)
distT3	109	travel distance to T3 (miles)
distT4A	110	travel distance to T4, sub-section A (miles)
distT4B	111	travel distance to T4, sub-section B (miles)
distT4C	112	travel distance to T4, sub-section C (miles)
distT4D	113	travel distance to T4, sub-section D (miles)
distW1	114	travel distance to W1 (miles)
distW2	115	travel distance to W2 (miles)
distW3	116	travel distance to W3 (miles)
distW4A	117	travel distance to W4, sub-section A (miles)
distW4B	118	travel distance to W4, sub-section B (miles)
distW4C	119	travel distance to W4, sub-section C (miles)
type	120	angler type
income	121	income in dollars (category midpoint)
containtype	122	containment type
risksites	123	fished at risk site in 2004 / 2005
trips2004	124	Total day trips in 2004
trips2005	125	Total day trips in 2005
allT2004	126	Truckee day trips 2004
allT2005	127	Truckee day trips 2005
allC2004	128	Carson day trips 2004
allC2005	129	Carson day trips 2005
allW2004	130	Walker day trips 2004

allW2005	131	Walker day trips 2005
distTavg	132	average distance to Truckee
distCavg	133	average distance to Carson
distWavg	134	average distance to Walker
distavg	135	average distance to system
tcT1	136	travel cost to T1
tcT2	137	travel cost to T2
tcT3	138	travel cost to T3
tcT4A	139	travel cost to T4A
tcT4B	140	travel cost to T4B
tcT4C	141	travel cost to T4C
tcT4D	142	travel cost to T4D
tcC1	143	travel cost to C1
tcC2	144	travel cost to C2
tcC3	145	travel cost to C3
tcC4A	146	travel cost to C4A
tcC4B	147	travel cost to C4B
tcC4C	148	travel cost to C4C
tcC4D	149	travel cost to C4D
tcW1	150	travel cost to W1
tcW2	151	travel cost to W2
tcW3	152	travel cost to W3
tcW4A	153	travel cost to W4A
tcW4B	154	travel cost to W4B
tcW4C	155	travel cost to W4C
tcT4	156	travel cost to T4 (based on preferred segment)
tcC4	157	travel cost to C4 (based on preferred segment)
tcW4	158	travel cost to W4 (based on preferred segment)

Variables in the working file

**Variable Values**

Value		Label
Q2	0	no
	1	yes
Q3	0	no
	1	yes
Q4	1	artificial lures only
	2	bait only
	3	artificial lures and bait
Q5	1	yes, most of the time
	2	yes, sometimes
	3	rarely
	4	never
Q6	1	yes, I keep most fish
	2	yes, occasionally
	3	never
Q7a	1	not important
	2	somewhat important
	3	important
	4	very important
Q7b	1	not important
	2	somewhat important
	3	important
	4	very important
Q7c	1	not important
	2	somewhat important
	3	important
	4	very important
Q7d	1	not important
	2	somewhat important
	3	important
	4	very important
Q7e	1	not important
	2	somewhat important
	3	important
	4	very important
Q7f	1	not important
	2	somewhat important
	3	important
	4	very important
Q7g	1	not important
	2	somewhat important
	3	important
	4	very important
Q7h	1	not important
	2	somewhat important

	3	important
	4	very important
Q8	0	no
	1	yes
Q9	1	NV license only
	2	CA license only
	3	Both licenses
	4	Neither of the two
Q10	0	no
	1	yes
Q11a	0	no
	1	yes
Q11b	0	no
	1	yes
Q11c	0	no
	1	yes
Q11d	0	no
	1	yes
Q11e	0	no
	1	yes
Q12a	0	no
	1	yes
Q12b	0	no
	1	yes
Q12c	0	no
	1	yes
Q12d	0	no
	1	yes
Q12e	0	no
	1	yes
Q12f	0	no
	1	yes
nocontain	0	no
	1	yes
Q13	1	definitely yes
	2	probably yes
	3	probably not
	4	definitely not
Q14a	0	no
	1	yes
Q14b	0	no
	1	yes
Q14c	0	no
	1	yes
Q14d	0	no
	1	yes
Q14e	0	no

	1	yes
Q16	1	Verdi to West McCarran
	2	Urban Reno / Sparks
	3	Sparks to Derby
	4	Below Derby
Q18	1	Stateline to Gardnerville
	2	Urban Minden / Gardnerville
	3	Minden to Dayton
	4	Below Dayton
Q20	1	The Elbow
	2	Elbow to W. Walker
	3	Below W. Walker
Q23	1	no effect
	2	purchase more likely
	3	purchase less likely
	4	definitely no purchase
Q24	1	no effect
	2	likely take more trips
	3	likely take fewer trips
	4	no trips
Q25	1	no effect
	2	purchase more likely
	3	purchase less likely
	4	definitely no purchase
Q26	1	no effect
	2	likely take more trips
	3	likely take fewer trips
	4	no trips
Q27	1	no effect
	2	purchase more likely
	3	purchase less likely
	4	definitely no purchase
Q28	1	no effect
	2	likely take more trips
	3	likely take fewer trips
	4	no trips
Q29	1	no effect
	2	purchase less likely
	3	definitely no purchase
Q30	1	no effect
	2	take fewer trips overall
	3	take more trips to other TCW sections
	4	take more trips outside TCW system
Q31	1	no effect
	2	purchase less likely
	3	definitely no purchase
Q32	1	no effect

	2	take fewer trips overall
	3	take more trips to other TCW sections
	4	take more trips outside TCW system
Q33	1	no effect
	2	purchase less likely
Q34	3	definitely no purchase
	1	no effect
	2	take fewer trips overall
	3	take more trips to other TCW sections
Q37	4	take more trips outside TCW system
	1	female
Q39	2	male
	1	household with children
	2	single, no children
	3	couple, no children
	4	multiple adults, no children
Q40	1	Elementary School
	2	Jr. High School
	3	High School
	4	2 years of College
	5	4 years of College
	6	Graduate or professional school
Q41	1	<\$20,000
	2	\$20,000 - \$39,999
	3	\$40,000 - \$59,999
	4	\$60,000 - \$79,999
	5	\$80,000 - \$99,999
	6	\$100,000 - \$119,999
	7	\$120,000 - \$139,999
	8	\$140,000 - \$159,999
	9	\$160,000 - \$179,999
	10	\$180,000 - \$199,999
	11	\$200,000 - \$224,999
	12	\$225,000 - \$249,999
	13	\$250,000 - \$274,999
	14	\$275,000 - \$300,000
	15	>\$300,000
web	0	no
	1	yes
CA	0	NV residents
	1	CA residents
type	1	fly fishing only
	2	spin casting only
	3	both techniques
containtype	0	doesn't know snail or knows, but doesn't contain
	1	knows about snail and takes containment measures
risksites	0	no

1

yes