**APPENDIX: COST ESTIMATION EQUATIONS**

1) Direct costs



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= direct costs, = direct healthcare costs, = direct non-healthcare costs



= type of injury by insurance, = gender, = age at which the individual was injured



= direct medical costs for hospitalization by gender and age to treat “i”



= direct medical costs for outpatient visits by gender and age to treat “i”



= drug costs by gender and age to treat “i”



= number of outpatient visits by gender and age to treat “i”



= number of admissions by gender and age to treat “i”



= average round-trip transportation costs



= annual inpatient days by gender and age to treat “i”



= average daily rate of professional nursing care



2) Indirect costs



=, =



=



= indirect costs, = productivity loss due to premature death,



= productivity loss due to absence from work, = productivity loss due to disability



= type of injury by insurance, = gender, = age at which the individual was injured,



= age of the individual



= rate of increase of labor productivity



= the real discount rate



= number of deaths attributable to “i” by gender and age



= probability that a person of gender “s” and age “y” will survive to age “n”



= annual average earnings of an employed person of gender “s” and age “n”



= proportion of the population of gender “s” and age “n” that are employed in the labor market



= annual inpatient days by gender and age to treat “i”



= number of outpatient visits by gender and age to treat “i”



= employment rate by gender and age



= daily average earnings of an employed person by gender and age



= number of inpatients by gender and age



= probability of labor force reduction resulting from disability attributable to “i”

