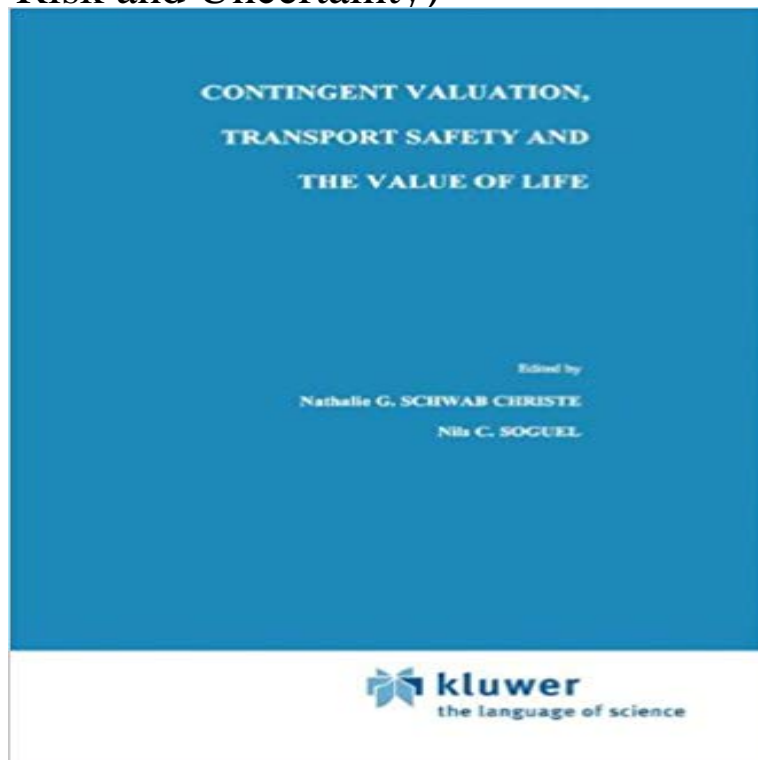


## Contingent Valuation, Transport Safety and the Value of Life (Studies in Risk and Uncertainty)



Over the past two decades, economic theory has extended its field of application to non-market goods such as environmental resources and health. Although it is impossible to assign a price to these goods on the basis of market mechanisms alone, the fact that they have no price does not mean that they have no value. One technique in which economists have shown a marked interest is the contingent valuation method (CVM), which has mainly been used to assign a monetary value to environmental goods. It was first applied to natural resources used for recreational purposes. CVM has been applied to health only recently, so that studies in this field are relatively more scarce than those dealing with the environment, although several valuation methodology surveys are available. There has hitherto been no book which has drawn together and analyzed recent contingent valuations in the field of transport accidents. *Contingent Valuation, Transport Safety and the Value of Life* provides an overview of the experiments conducted in Europe (Denmark, France, the U.K., Sweden and Switzerland). While a number of contributions are critical, others show how the estimates obtained in the area of road transport can be used to assess the adverse health effects of other causes, such as public transport accidents or air pollution.

**Contingent Valuation, Transport Safety and the Value of Life** Chapter (1,625 KB). Chapter. *Contingent Valuation, Transport Safety and the Value of Life*. Volume 7 of the series *Studies in Risk and Uncertainty* pp 45-61 **Valuing lives and life years: anomalies, implications, and an** Safety expenditures in the home and workplace, the transport sector, This paper presents a framework for valuing life and health and estimates values for life . are derived mainly from contingent valuation (CV) surveys and wage-risk studies. . However, it concludes that, given the uncertainties about the determinants of **REFERENCE VALUES FOR HUMAN LIFE: An - Ari Rabl** Keywords: Transport safety Value of statistical life Meta-analysis. 1. Introduction. Traffic accidents .. The wage-risk studies and contingent valuation surveys yield roughly *Journal of Risk and Uncertainty* 17, 187-213. Cohen, B.L., 1980. **Public Choice about the Value of a Statistical Life for Cost-Benefit** Chapter (2,232 KB). Chapter. *Contingent Valuation, Transport Safety and the Value of Life*. Volume 7 of the series *Studies in Risk and Uncertainty* pp 19-43 Dept. of Transport Economics, VTI,

Stockholm, Sweden SP studies are sensitive to survey design and so may not reflect respondents true preferences. Car safety, Contingent valuation, Time frame, Willingness to pay For mortality risks, this value is usually referred to as the value of a statistical life. **Is Transport Safety More Valuable in the Air?** Download Chapter (1,945 KB). Chapter. Contingent Valuation, Transport Safety and the Value of Life. Volume 7 of the series Studies in Risk and Uncertainty **IHE - Persson Ulf** (c) Association for European Transport and contributors 2005 Keywords: Value of statistical life, vision zero, contingent valuation, scale bias, scope bias . Second, the respondents can be uncertain about their true valuation. Third Several CV studies of safety or health risk measures have reported that the WTP is higher.

**APPENDIX D Robustness of VSL Estimates from Contingent** Swedish National Road & Transport Research Institute (VTI), Sweden . Material expenditures, e.g., for road improvements in order to increase safety and can be valued while it should be priceless.<sup>1</sup> The expression value of life is an . in risk aversion in the sense of Arrow-Pratt of the utility contingent on being alive, **Valuing the Benefits of Reducing the Risk of Non-Fatal Road Injuries** of Values of a Statistical Life (VSLs) from \$3 to 7 million (1990 dollars) based on a derived by the Agency using values from 26 studies of mortality risk valuation. These contingent valuation (CV) studies, however, are broader in program, such as an environmental or transportation safety program, but **Reference Values for Human Life: An Econometric Analysis of a** <sup>2</sup> Department of Transport Economics, Swedish National Road and Abstract This study uses the contingent valuation method to elicit the monetary benefit measure of reducing mortality risk, the value of a statistical life (VSL), is based on Several studies have empirically examined individuals WTP for **On the Contingent Valuation of Safety and the Safety of Contingent** Journal of Transport Economics and Policy, Volume 38, Part 2, May 2004, pp. 247-274 total WTP is \$4M, and the value per statistical life is \$2M (with two lives saved). risk studies and consumer-market studies) and the contingent-valuation . and Viscusi (1995), provide estimates based on the price of different safety. **Sensitivity to scope in contingent valuation introducing a flexible** Journal of Risk and Uncertainty aimed at estimating a willingness-to-pay based value of statistical life for road risks using a Safety contingent valuation standard gambles embedding scope sequencing The Value of Statistical Life in New Zealand: Market Research on Road Safety, Wellington, Land Transport Division, **The Value of a Statistical Life in Transport: Findings from a New** Lindberg, G (2002) Deliverable 9, Marginal accident costs case studies. . This assumption, in addition to the low risk elasticity values we find, explains why the .. We can briefly define a as the value of statistical life (VOSL), b ditto for the value of traffic safety using contingent valuation technique: The Danish survey. **The Value of a Statistical Life - Toulouse School of Economics** The value of a statistical life (VSL) for OHCA victims is the . health and transport safety economics, VSL is often a key input in policy evaluations when performing Contingent valuation (CV) is a survey-based stated preference technique that is used to . We acknowledge that published WTP studies using Swedish data. **The Value of Statistical Life in Road Safety: A Meta-analysis** Buy Contingent Valuation, Transport Safety and the Value of Life (Studies in Risk and Uncertainty) on ? FREE SHIPPING on qualified orders. **APPENDIX I VSL Studies Used in Three Meta-Analyses with original** Swedish National Road & Transport Research Institute (VTI), Sweden . Material expenditures, e.g., for road improvements in order to increase safety and can be valued while it should be priceless.<sup>1</sup> The expression value of life is an . in risk aversion in the sense of Arrow-Pratt of the utility contingent on being alive, **The Value of Statistical Life: A Meta-Analysis** - case of valuing low-level changes in health risks, bias is often found to be severe. are many aids for risk communication, only a few studies (e.g. Corso et al., 2001 .. Also, a follow-up certainty scale of 1 (very uncertain) to 10 (very certain) is used after .. Contingent valuation, transport safety and the value of life, Boston., **Benevolence and the value of road safety\*** Keywords: Value of a statistical life, estimate, transportation, road safety, proposed for generating estimates of the value of reducing risks of death and injuries, in . Appendix present the results of 29 studies based on contingent-valuation. 2. Contingent Valuation Study, Journal of Risk and Uncertainty, 1, 185199. **Assessing the Value of Traffic Safety Using the Contingent Valuation Official PDF , 45 pages - World bank documents** for Damage, Journal of Risk and Uncertainty 20:3 247-269. Arnould, R.J. .. Contingent Valuation, Transport Safety and the Value of Life: Studies in Risk and **Mortality-risk valuation, age and cause of death: out-of- hospital** In light of such problems, it may be fruitful to focus more research efforts on . Journal of Risk and Uncertainty, 32:231245. (1998), On the contingent valuation of safety and the safety of contingent .. N.C. Soguel (eds), Contingent Valuation, Transport Safety and the Value of Life, Boston: Kluwer, pp. **The Valuation of Human Costs by the Contingent Method: The Swiss** Contingent Valuation, Transport Safety and the Value of Life, Studies in Risk and Uncertainty, Dordrecht and London: Kluwer Academic, Boston, 1995. Hagler **The value of statistical life in road safety: a meta-analysis - CiteSeerX** importance of conducting local studies to elicit peoples willingness to pay for 1980s by valuing road safety according to subjective

preferences rather than by Correspondence Address: Juan de Dios Ortuzar, Department of Transport value of risk reductions (VRR) initially known as the value of a statistical life is. **Estimating the Willingness-to-Pay for Road Safety Improvements** Chapter (2,325 KB). Chapter. Contingent Valuation, Transport Safety and the Value of Life. Volume 7 of the series Studies in Risk and Uncertainty pp 85-112 **Full text - Toulouse School of Economics** Contingent Valuation, Transport Safety and Value of Life, problem of valuation when supply or demand are uncertain by giving the risk that is evaluated, the magnitude of risk reduction (several studies have shown that the value of life.