I. INTRODUCTION

Vision Zero is a global paradigm within the transportation community centered around ending road traffic fatalities and serious injuries [1,2]. Vision Zero was initially a national road policy implemented in Sweden in 1997 and has become a global movement [1,2]. The strategic design of Vision Zero is to establish an integrated Safe System approach, which is built upon an interdiscipli...
and supporting the global Vision Zero initiative. While global and regional data are important to understand trends in traffic crashes, local data are equally, if not more, informative in the effort to prevent fatalities and serious injuries in MVCs. Differences in infrastructure, weather, regulations, etc. may be predictors of crash/injury severity and these data may not be captured in larger databases. Future work will continue to analyze crash, unit, and person data to identify significant relationships with crash severity and identify specific predictive variables (e.g., driver age, model year, weather, time of crash, etc.) within and between injury severity categories.

Fig. 1. Five-year crash severity (Fatal [red], Serious Injury Suspected [yellow], Minor Injury Suspected [green], Injury Possible [gray]) of crashes involving Hondas/Acuras. Property Damage Only crashes were excluded from this visualization.

Fig. 2. Five-year summary of crash severity (Fatal [red], Serious Injury Suspected [yellow]) by vehicle year.

V. REFERENCES