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Title: Analysis of driver and passenger crash injury severity using partial proportional odds models

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- We use partial proportional odds (PPO) models to predict crash severity probabilities
- We compare the PPO models to unordered multinomial Logit and ordinal Logit models
- PPO models more effectively account for the underlying processes of crash severity
- PPO models have adequate fit compared to ordinal and multinomial models
- PPO models have improved covariate significance and holdout prediction accuracy

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