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## Status of the Assessment of the Influence of Human Body Diversity on Passive Safety Systems.

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For assessing the vehicle's interaction with its occupants, few anthropometric configurations – technical surrogate models, so-called crash test dummies, are being used during a car's development. This state-of-the-art overview presents approaches to broaden the testing during the system development to increase its robustness. Current occupant safety development methods are summarized and available databases for the human body listed. Relevant studies on expanding the informative value utilizing machine learning methods are presented, and approaches to overcome the requirements of the vast amount of data for machine learning are mentioned.

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