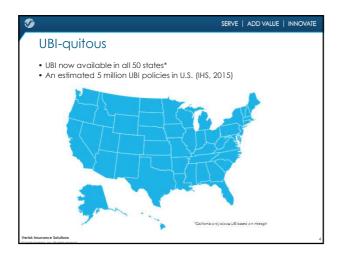
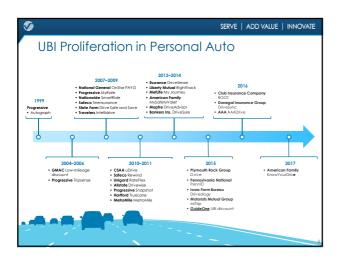


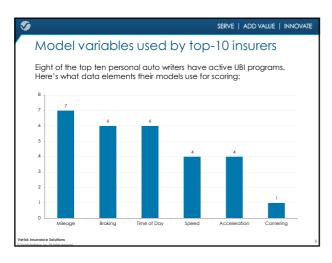
9	SERVE ADD VALUE INNOVATE
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	The Casualty Actuarial Society is committed to adhering strictly to the letter and spirit of the antitrust laws. Seminars conducted under the auspices of the CAS are designed solely to provide a forum for the expression of various points of view on topics described in the programs or agendas for such meetings.
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	It is the responsibility of all seminar participants to be aware of antitrust regulations, to prevent any written or verbal discussions that appear to violate these laws, and to adhere in every respect to the CAS antitrust compliance policy.

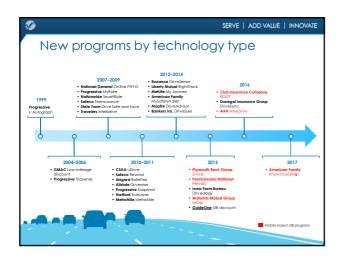
Disclaimer

The views expressed by the moderator in this presentation are his views at this point in time. These views are not necessarily identical to those of the CAS or the moderator's employer.







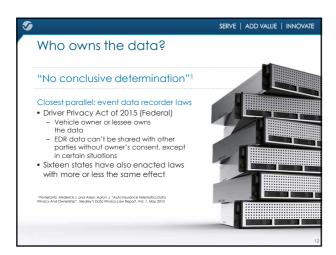














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Sources
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 Pomerantz, Frederick J. and Aisen, Aaron J. "Auto Insurance Telematics Data Privacy And Ownership," Mealey's Data Privacy Law Report, Vol. 1, May 2015
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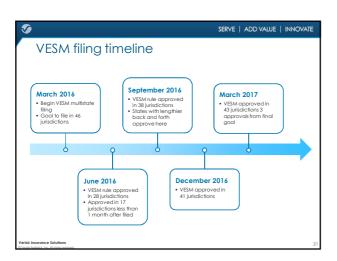






Regulatory "comfort zone	es"
Generalized linear models (GLMs) common and well-understood readily accepted by many regulators	
Machine learning algorithms VESM uses a random forest technique relatively new to U.S. property/casualt less familiarity	
E A P	

Regulatory "comfort zones" • Standard GLM questions/answers not appropriate - obstacle to understanding and interpretation - sometimes analogous information exists, but sometimes it doesn't! • Teleconferences helped - clarify methodology and testing - explain certain concepts - answer regulators' questions As a result, we were successful in obtaining regulatory approval/acknowledgement



Regulatory landscape Increased scrutiny vs. other filed rules - more jurisdictions - more questions - more detailed questions We expect even more awareness and scrutiny - UBI more ubiquitous - technology and regulation continue to intersect

•	S	ERVE ADD VALUE INNOVATE
Fast facts		
Number of UBI rules filed by ISO		rate group isk data
Number of states that outsourced VESM rule filing to consultant	Words used most in regulator correspondence	egulator ITIOGEI SCORE
Number of tele- conferences ISO had with various state regulators to discuss VESM rule Verisk Insurance Solutions	Number of jurisdictions that sent RCT objections to filed VESM rule	Most questions ISO received from one state on the VESM rule

