NAIC Winter Meeting, December 7, 2019 Austin, TX

# Translating Resilience Research



Culverhouse College of Business

Alabama Center for Insurance Information and Research

#### Alabama Center for Insurance Information and Research



#### *Culverhouse* College of Business

Alabama Center for Insurance Information and Research  Created to solve insurance and risk management problems with research and education

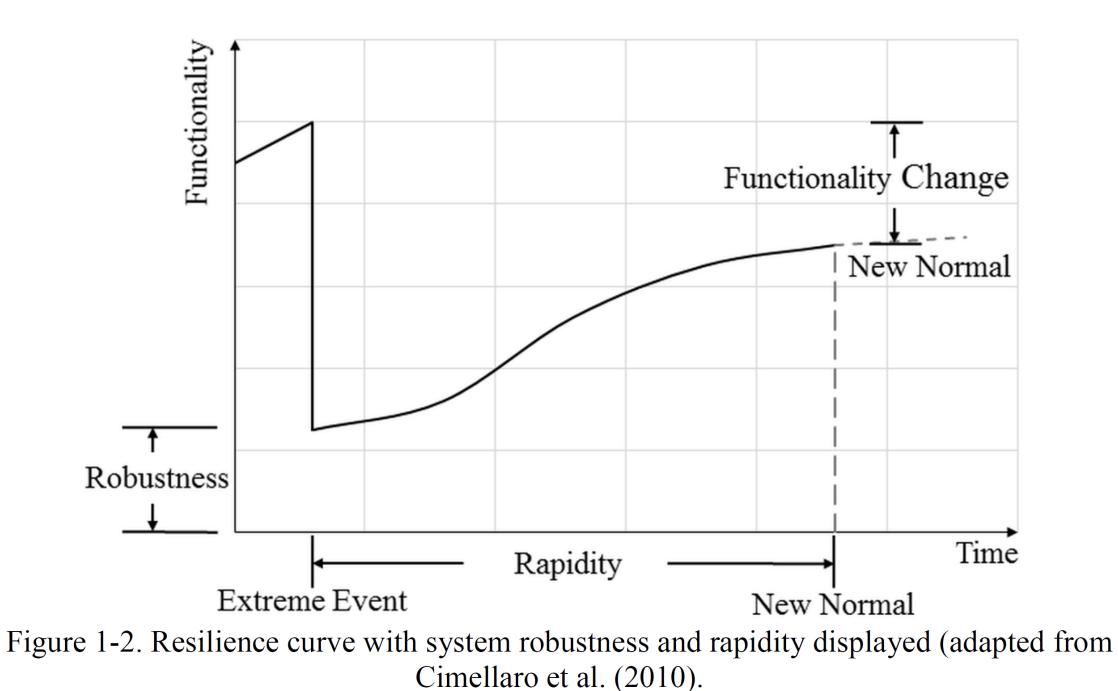
### Issues relevant to insurance regulation



Producer licensing and continuing education

Rate & product filings

**Consumer education** 



#### Risk Management and Recovery of Small Businesses: Evidence from Hurricane Harvey



Ben Collier, Temple University || Lars Powell, University of Alabama ||

Marc Ragin, University of Georgia





Culverhouse College of Business

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Terry College of Business UNIVERSITY OF GEORGIA

# Research Question

How can small businesses be more resilient to natural disasters?



## Process



#### Interviews



#### Focus groups



#### **Randomized Survey**

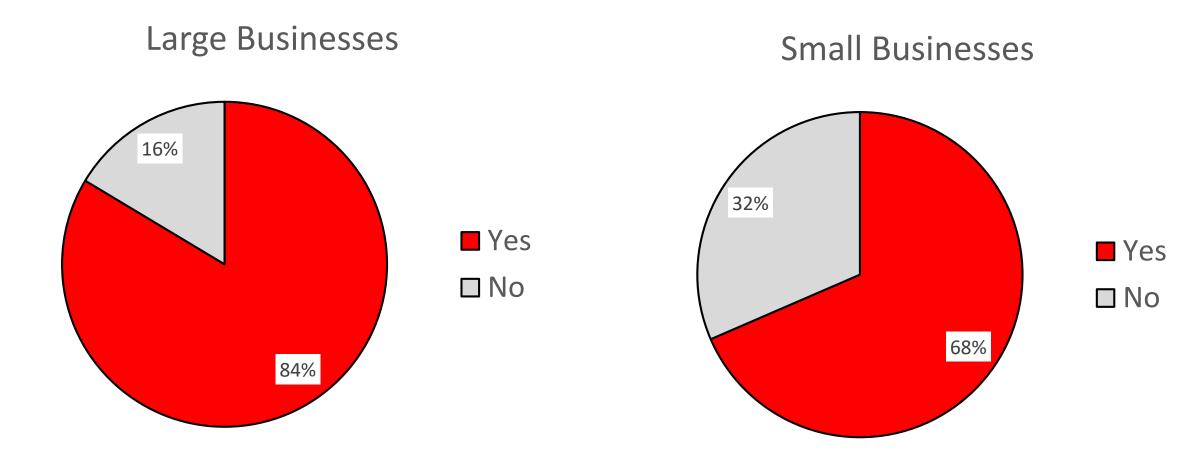
### Small businesses in Texas

# 2.6 million businesses

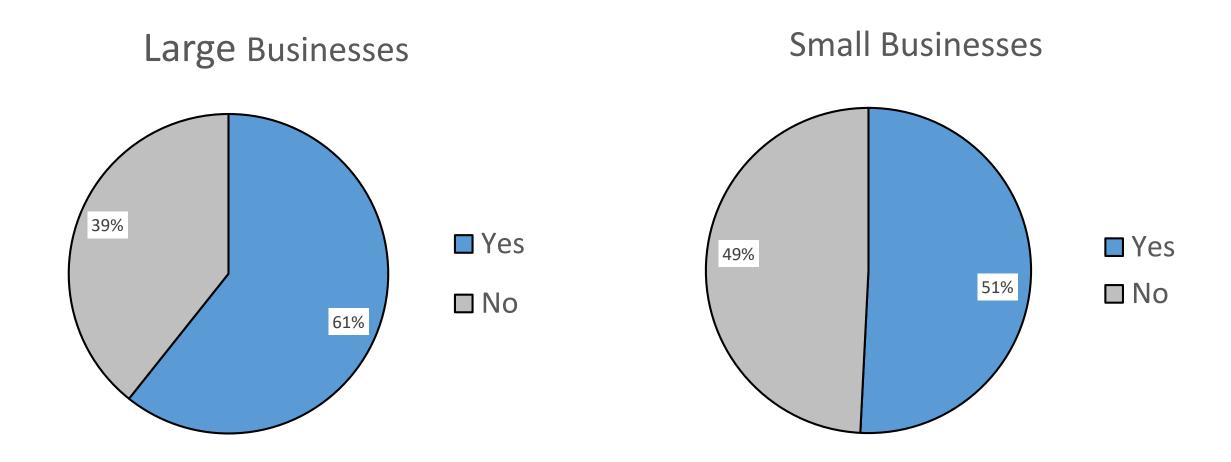
# 4.7 million employees

45.6% of private workforce

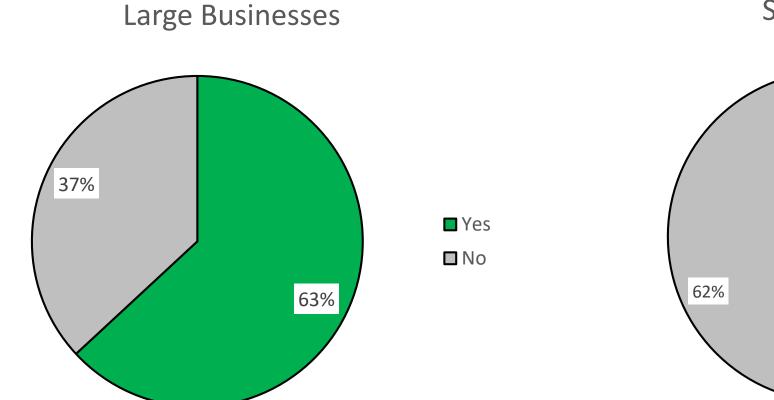
# Wind and flood insurance?



Emergency cash?



# Available credit?

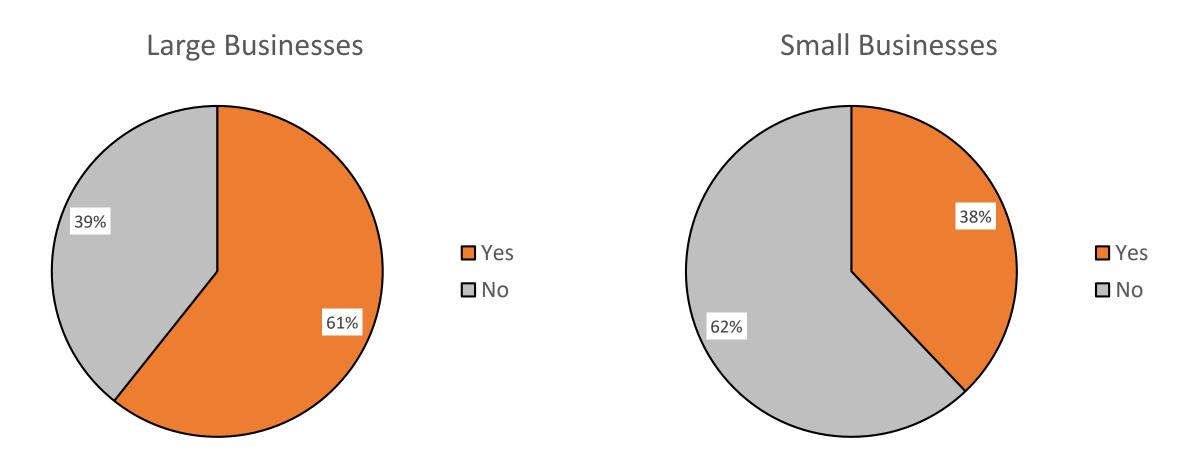


Small Businesses

38%



# Written emergency plan?



## Small business exposures



WIND

WATER

FIRE



# Contingent exposures

- Family-owned exterminator
- ZERO property damage
- Revenue 50% for > 1 year
- Coverage?
- Mitigation?
- Risk reduction?

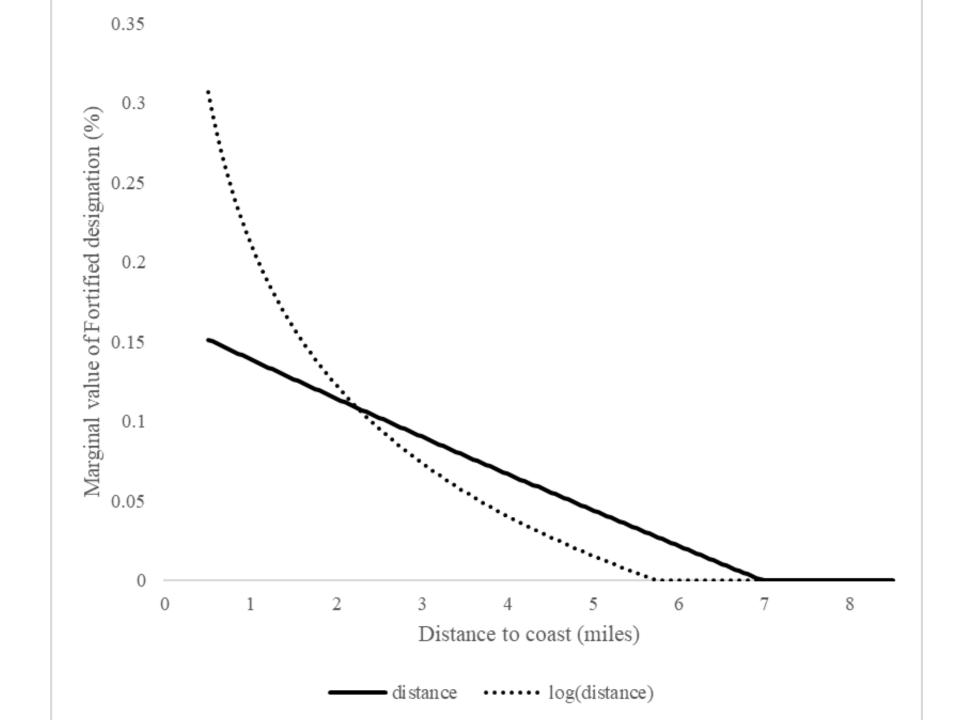






# IBHS FORTIFIED<sup>™</sup> demonstration video

https://ibhs.org/wind/residential-fortified-demonstrations/



# Risk Reduction

Diversification



What would you do if a hurricane destroyed half of your customers for 18 months?

Miles

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