

Stochastic Differential Equations

Final Presentation

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Outline

- 1 Introduction
- 2 Population Biology
- 3 Insurance
- 4 Stochastic
- 5 Model
- 6 Numerics
- 7 Results

Background

- Insurance
- Deer

Deer

Logistic Equation

State and Federal Statistics

State Regulations and Bond Funds

“Noise”

Modeling

Models

- dx
- dm
- B
- Parameters

Milstein

Benchmark?

Parameter Space

Results

Conclusion

References

Acknowledgements