Finless Porpoise PVA based on Vortex, ARIMA, GF and CA

Summary

Keywords:

Contents

1	Introduction		
	1.1 Problem Restatement	1	
	1.2 Overview of Our Work	1	
2	Assumptions and Justifications	2	
3	Notations 2		
4	Introduction and Results of Models on Problem 1(a)	2	
	4.1 Result of Gray Forecast model	2	
5	Sensitivity Test	2	
6	Evaluation of Model		
7	Conclusions		
Po	olicy Advice on Finless Porpoise Conservation	3	
Re	efence	4	
Aı	ppendices	4	

Team # XJ162 Page 1 of 4

1 Introduction

- 1.1 Problem Restatement
- 1.2 Overview of Our Work

Team # XJ162 Page 2 of 4

2 Assumptions and Justifications

These are necessary assumptions for simplifying the model.

1.

3 Notations

Table 3.1: Notation Descriptions(?)

racio 3.1. Notation Descriptions(*)			
Symbol	Definition		
r	Innate rate of increase		
Stoch r	The mean population growth rate experienced in the simulations, averaged across all years in which the population was extant.		
N-extant	Average extant population size		
N-all	Average population size		
PE	Probability of Extinction		
GeneDiv	Genetic Diversity		
TE	Time of Extinction(year)		
medianTE	If at least 50% of the iterations went extinct, the median time to extinction		
SD	Standard Deviation		
nAlleles	The mean number of alleles remaining within extant populations (from an original number equal to twice the number of founder individuals)		
K	Carrying capacity		
N_t	Size of Finless Porpoise population in the year of $1991 + t$		

4 Introduction and Results of Models on Problem 1(a)

- 4.1 Result of Gray Forecast model
- **5** Sensitivity Test
- **6** Evaluation of Model

Strength:

7 Conclusions

Policy Advice on Finless Porpoise Conservation

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Team # XJ162 Page 4

Appendices