Análisis preliminar anchoveta

María José Zúñiga

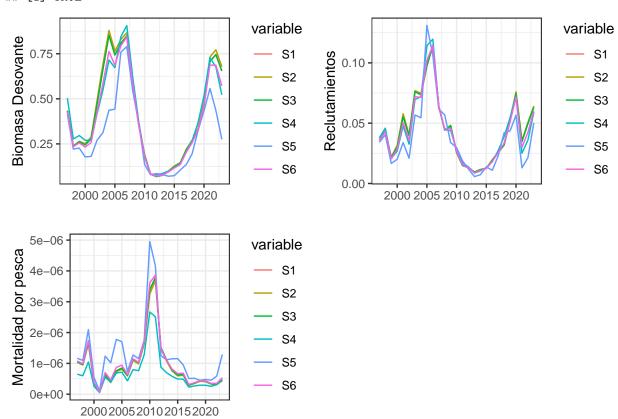
2023-06-20

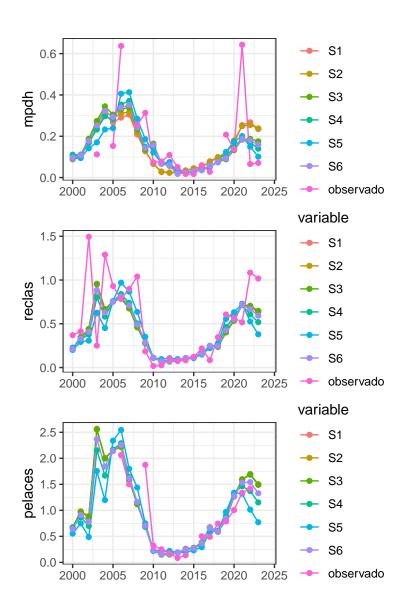
Revisión de los datos

Generar escenarios de sensibilidad

- m1: CV=100, dt fijo + q fijo
- m2: CV=100, dt variable + q fijo
- m3: CV=100, dt fijo + q variable
- m4: CV=100, dt variable + q fijo
- m1: CV=0.3, dt fijo + q fijo
- m2: CV=0.3, dt variable + q fijo
- m3: CV=0.3, dt fijo + q variable
- m4: CV=0.3, dt variable + q fijo
- m1: CV=0.5, dt fijo + q fijo
- m2: CV=0.5, dt variable + q fijo
- m3: CV=0.5, dt fijo + q variable
- m4: CV=0.5, dt variable + q fijo
- m1: CV=0.1, dt fijo + q fijo
- m2: CV=0.1, dt variable + q fijo
- m3: CV=0.1, dt fijo + q variable
- m4: CV=0.1, dt variable + q fijo
- ## [1] FALSE FALSE
- ## [1] TRUE
- ## [1] TRUE ## [1] TRUE
- ## [1] TRUE

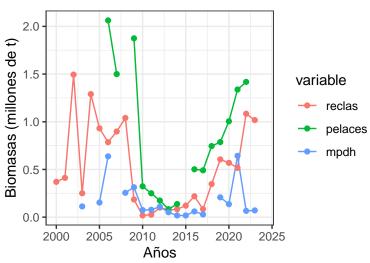
[1] TRUE



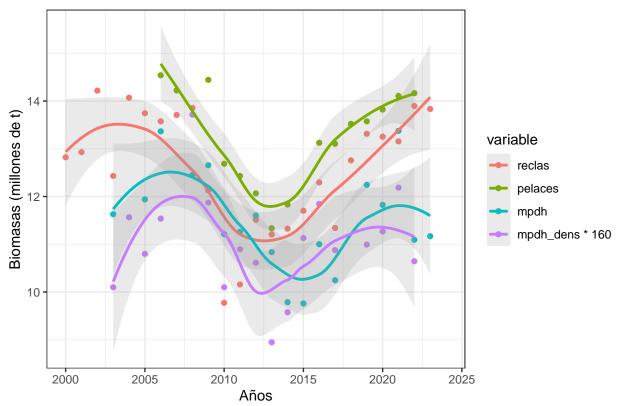


year reclas cv_R pelaces cv_P mpdh cv_M desembarque cv_D NA 1997 0 0.3 0 0.3 0 100 350755 0.01 0.16 1998 0 0.3 0 0.3 0 100 77701 0.01 0.16 2000 370054 0.3 0 0.3 0 100 442110 0.01 0.16 2001 412103 0.3 0 0.3 0 100 154545 0.01 0.16 2002 1494267 0.3 0 0.3 0 100 235359 0.01 0.16 2003 250295 0.3 0 0.3 10 269955 0.01 0.13 2004 1289818 0.3 0 0.3 0 100 359681 0.01 0.15 2005 931140 0.3 2062538 0.3 637223 100 328805<		_								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		reclas	cv_R	pelaces	cv_P	mpdh	cv_M	desembarque	cv_D	NA
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1997	0		0		0	100	350755	0.01	
2000 370054 0.3 0 0.3 0 100 56441 0.01 0.16 2001 412103 0.3 0 0.3 0 100 14545 0.01 0.16 2002 1494267 0.3 0 0.3 0 100 235359 0.01 0.16 2003 250295 0.3 0 0.3 112323 100 269955 0.01 0.13 2004 1289818 0.3 0 0.3 0 100 359681 0.01 0.15 2005 931140 0.3 0 0.3 153150 100 431902 0.01 0.14 2006 785840 0.3 2062538 0.3 637223 100 328805 0.01 0.14 2007 897777 0.3 1500000 0.3 0 100 63364 0.01 0.16 2008 1040062 0.3 0 0.3 255016	1998	0	0.3	0	0.3	0	100	77701	0.01	0.16
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1999	0	0.3	0	0.3	0	100	442110	0.01	0.16
2002 1494267 0.3 0 0.3 0 100 235359 0.01 0.16 2003 250295 0.3 0 0.3 112323 100 269955 0.01 0.13 2004 1289818 0.3 0 0.3 0 100 359681 0.01 0.15 2005 931140 0.3 0 0.3 153150 100 431902 0.01 0.14 2006 785840 0.3 2062538 0.3 637223 100 328805 0.01 0.14 2007 897777 0.3 1500000 0.3 0 100 639364 0.01 0.16 2008 1040062 0.3 0 0.3 255016 100 411747 0.01 0.16 2009 184774 0.3 1874556 0.3 313432 100 362871 0.01 0.18 2010 17550 0.3 323000 0.3	2000	370054	0.3	0	0.3	0	100	56441	0.01	0.16
2003 250295 0.3 0 0.3 112323 100 269955 0.01 0.13 2004 1289818 0.3 0 0.3 0 100 359681 0.01 0.15 2005 931140 0.3 0 0.3 153150 100 431902 0.01 0.14 2006 785840 0.3 2062538 0.3 637223 100 328805 0.01 0.14 2007 897777 0.3 1500000 0.3 0 100 639364 0.01 0.16 2008 1040062 0.3 0 0.3 255016 100 411747 0.01 0.16 2009 184774 0.3 1874556 0.3 313432 100 362871 0.01 0.18 2010 17550 0.3 323000 0.3 77613 100 167758 0.01 0.20 2012 100020 0.3 174000 0.3 <td>2001</td> <td>412103</td> <td>0.3</td> <td>0</td> <td>0.3</td> <td>0</td> <td>100</td> <td></td> <td>0.01</td> <td>0.16</td>	2001	412103	0.3	0	0.3	0	100		0.01	0.16
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2002	1494267		0			100		0.01	0.16
2005 931140 0.3 0 0.3 153150 100 431902 0.01 0.14 2006 785840 0.3 2062538 0.3 637223 100 328805 0.01 0.14 2007 897777 0.3 1500000 0.3 0 100 639364 0.01 0.16 2008 1040062 0.3 0 0.3 255016 100 411747 0.01 0.16 2009 184774 0.3 1874556 0.3 313432 100 362871 0.01 0.18 2010 17550 0.3 323000 0.3 73983 100 311530 0.01 0.18 2011 25797 0.3 250000 0.3 77613 100 167758 0.01 0.20 2012 100020 0.3 174000 0.3 109348 100 66681 0.01 0.23 2013 73551 0.3 83755 <t< td=""><td>2003</td><td></td><td></td><td>0</td><td></td><td>112323</td><td>100</td><td>269955</td><td>0.01</td><td></td></t<>	2003			0		112323	100	269955	0.01	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		1289818		0		_	100	359681	0.01	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2005	931140	0.3	0	0.3	153150	100	431902	0.01	0.14
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2006	785840	0.3	2062538	0.3	637223	100	328805	0.01	0.14
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2007	897777	0.3	1500000	0.3	0	100	639364	0.01	0.16
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		1040062	0.3	0	0.3	255016	100	411747	0.01	0.16
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2009	184774	0.3	1874556	0.3	313432	100	362871	0.01	0.18
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2010	17550	0.3	323000	0.3	73983	100	311530	0.01	0.18
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2011	25797	0.3	250000	0.3	77613	100	167758	0.01	0.20
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2012	100020	0.3	174000	0.3	109348	100	66681	0.01	0.23
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2013	73551	0.3	83755	0.3	50772	100	60226	0.01	0.27
2016 218422 0.3 501740 0.3 59886 100 73181 0.01 0.24 2017 84188 0.3 490994 0.3 28197 100 50977 0.01 0.19 2018 347160 0.3 745055 0.3 0 100 67692 0.01 0.16 2019 605670 0.3 786931 0.3 207744 100 138656 0.01 0.19 2020 569463 0.3 1005239 0.3 136588 100 160484 0.01 0.14 2021 516374 0.3 1338007 0.3 643089 100 209506 0.01 0.24 2022 1084161 0.3 1417886 0.3 65757 100 203330 0.01 0.27	2014	82996	0.3	137374	0.3	17779	100	58785	0.01	0.24
2017 84188 0.3 490994 0.3 28197 100 50977 0.01 0.19 2018 347160 0.3 745055 0.3 0 100 67692 0.01 0.16 2019 605670 0.3 786931 0.3 207744 100 138656 0.01 0.19 2020 569463 0.3 1005239 0.3 136588 100 160484 0.01 0.14 2021 516374 0.3 1338007 0.3 643089 100 209506 0.01 0.24 2022 1084161 0.3 1417886 0.3 65757 100 203330 0.01 0.27	2015	120727	0.3	0	0.3	17303	100	57116	0.01	0.19
2018 347160 0.3 745055 0.3 0 100 67692 0.01 0.16 2019 605670 0.3 786931 0.3 207744 100 138656 0.01 0.19 2020 569463 0.3 1005239 0.3 136588 100 160484 0.01 0.14 2021 516374 0.3 1338007 0.3 643089 100 209506 0.01 0.24 2022 1084161 0.3 1417886 0.3 65757 100 203330 0.01 0.27	2016	218422	0.3	501740	0.3	59886	100	73181	0.01	0.24
2019 605670 0.3 786931 0.3 207744 100 138656 0.01 0.19 2020 569463 0.3 1005239 0.3 136588 100 160484 0.01 0.14 2021 516374 0.3 1338007 0.3 643089 100 209506 0.01 0.24 2022 1084161 0.3 1417886 0.3 65757 100 203330 0.01 0.27	2017	84188	0.3	490994	0.3	28197	100	50977	0.01	0.19
2020 569463 0.3 1005239 0.3 136588 100 160484 0.01 0.14 2021 516374 0.3 1338007 0.3 643089 100 209506 0.01 0.24 2022 1084161 0.3 1417886 0.3 65757 100 203330 0.01 0.27	2018	347160	0.3	745055	0.3	0	100	67692	0.01	0.16
2021 516374 0.3 1338007 0.3 643089 100 209506 0.01 0.24 2022 1084161 0.3 1417886 0.3 65757 100 203330 0.01 0.27	2019	605670	0.3	786931	0.3	207744	100	138656	0.01	0.19
2022 1084161 0.3 1417886 0.3 65757 100 203330 0.01 0.27	2020	569463	0.3	1005239	0.3	136588	100	160484	0.01	0.14
	2021			1338007		643089	100		0.01	
2023 1017674 0.3 0 0.3 70829 100 245020 0.01 0.20	2022	1084161		1417886		65757	100	203330	0.01	0.27
	2023	1017674	0.3	0	0.3	70829	100	245020	0.01	0.20

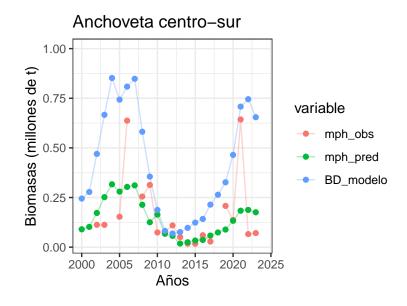
Anchoveta centro-sur



Anchoveta centro-sur



```
##
    index
                      value std.dev
               name
## 1
       66 log_qrecl -0.12274 0.19597
             name value std.dev
##
    index
## 1
       67 log_qpela 1.201 0.20986
             name
                      value std.dev
##
    index
       68 log_qmph -1.002800 40.825
## 1
## 2
       69 log_qmph -0.072354 57.735
## 3
       70 log_qmph -1.273100 31.623
```



Anchoveta centro-sur

