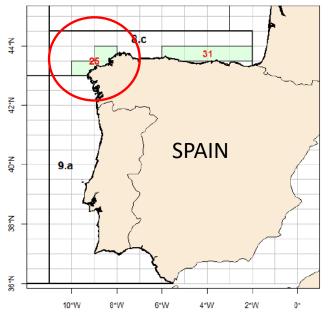




IMPRESS – SPICT WK

Searching FU 25 Nephrops stock Reference Points with SPiCT

FU 25 North Galicia



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Series

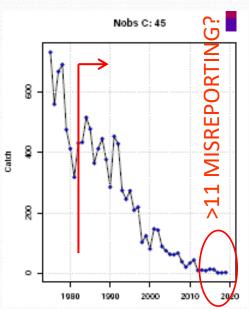
IMPRESS

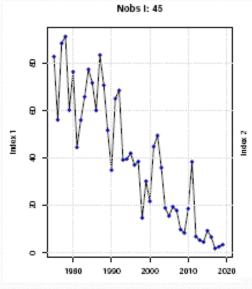
IMPROVING SCIENTIFIC ADVICE TO FISHERY MANAGEMENT FOR RESOURCES OF INTEREST FOR SPAIN IN ATLANTIC WATER

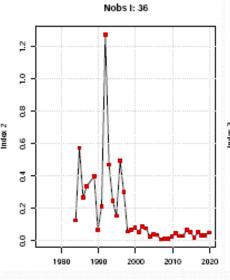
FU 25 North Galicia

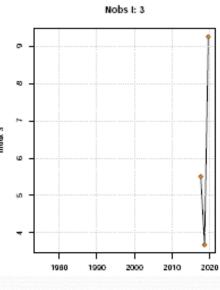
TOO HIGH BIOMASS

TOO SHORT









STOCK CATCH 1975-2019

Commercial CPUE 1975-2019

DEMERSALES survey 1983-2019

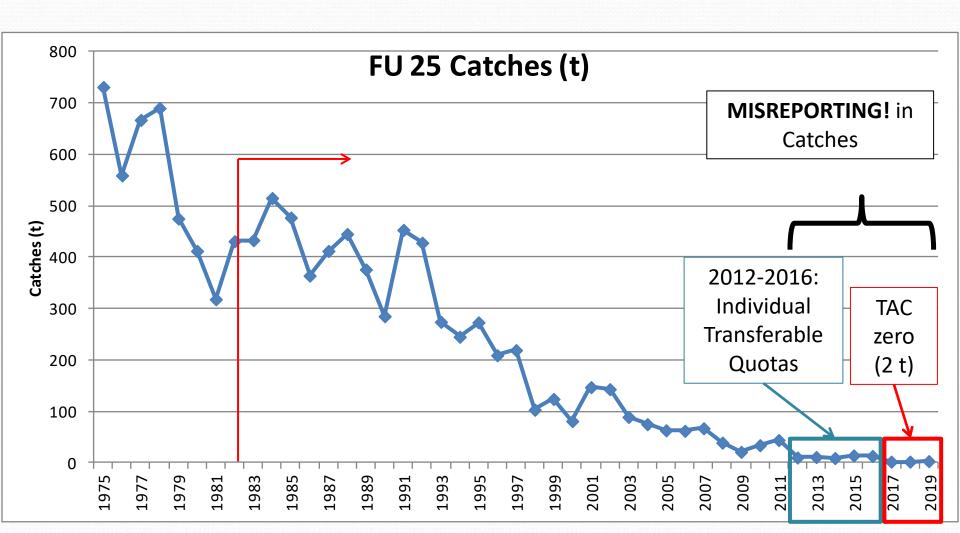
SENTINEL survey 2017-2019

POSSIBLE INDICES

Annual Catch Series









Data

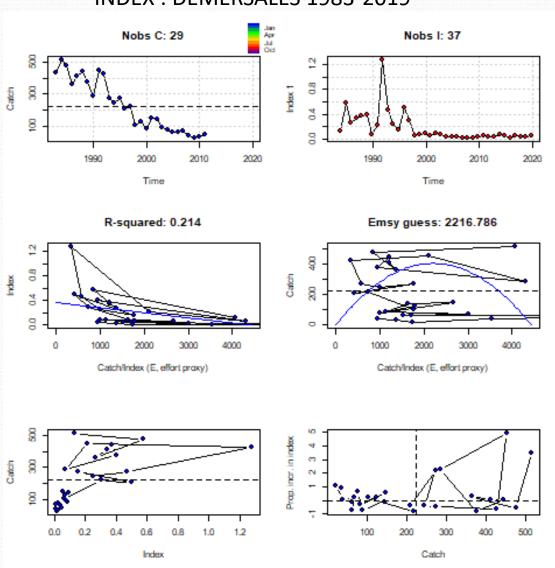
 Annual Stock Commercial Catches

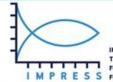
Abundance Index:Demersales Survey (1983-2019)

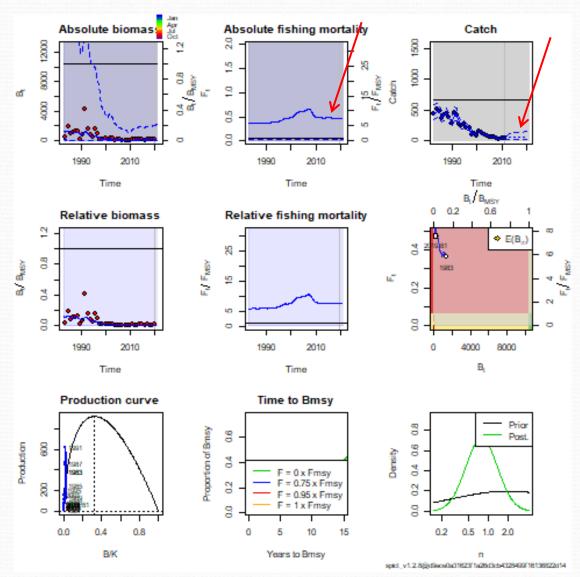
Stock	Year	C_t	DEM_kg/land
FU25	1983	433	0.127
FU25	1984	515	0.574
FU25	1985	477	0.266
FU25	1986	364	0.339
FU25	1987	412	0.369
FU25	1988	445	0.399
FU25	1989	376	0.066
FU25	1990	285	0.215
FU25	1991	453	1.275
FU25	1992	428	0.471
FU25	1993	274	0.247
FU25	1994	245	0.154
FU25	1995	273	0.496
FU25	1996	209	0.3
FU25	1997	219	0.058
FU25	1998	103	0.069
FU25	1999	124	0.082
FU25	2000	81	0.055
FU25	2001	147	0.087
FU25	2002	143	0.078
FU25	2003	89	0.025
FU25	2004	75	0.041
FU25	2005	63	0.036
FU25	2006	62	0.009
FU25	2007	67	0.011
FU25	2008	39	0.012
FU25	2009	21	0.025
FU25	2010	34	0.047
FU25	2011	44	0.03
FU25	2012	100	0.03
FU25	2013	/11	0.067
FU25	2014	9	0.055
FU25	2015	14	0.02
FU25	2016	13	0.052
FU25	2017	2	0.032
FU25	2018		0.035
FU25	2019	/ >	0.051



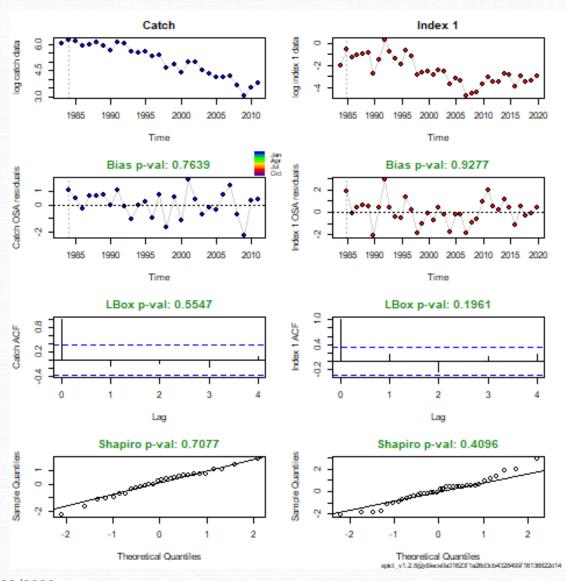






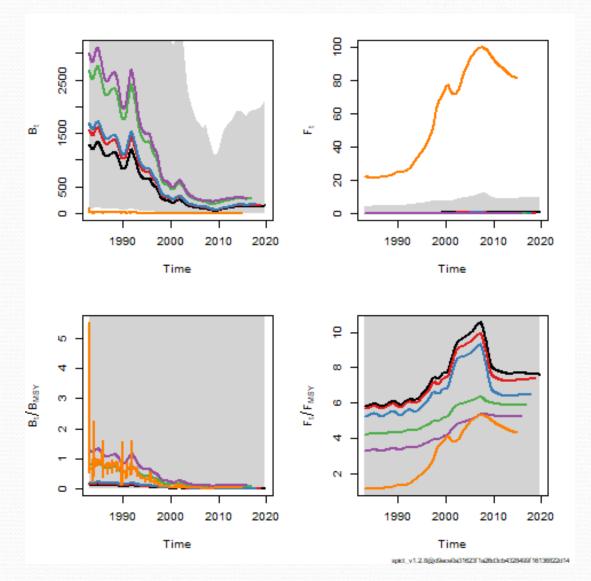














INDEX: DEMERSALES 1983-2019

Catch	B _{MSY}	F _{MSY}	MSY	В 2019.81	F 2019	B/B _{MSY}	F/F _{MSY}	Catch	E (B_inf)
83-11	10425 t	0.06	672 t	141 t	0.47	0.013	7.6	67 t	199

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Thank you

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