## Risk Analysis

Productivity Analysis

Laurie Kell & Alex Tidd

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## Risk Based Approaches

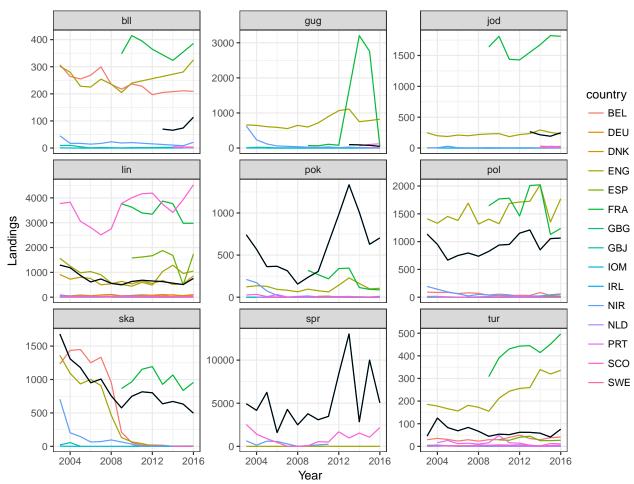
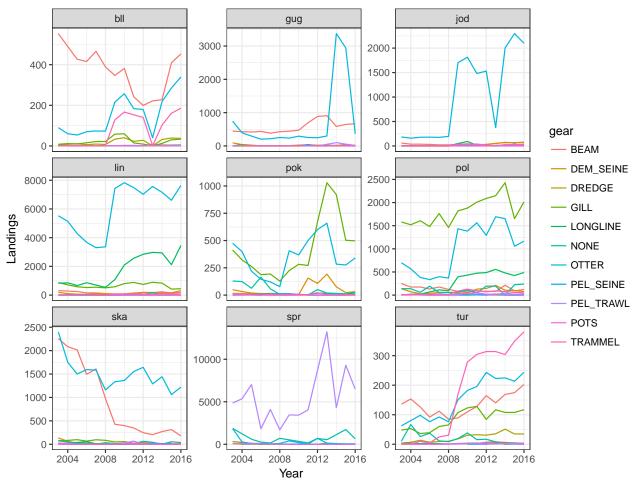


Figure 1. Time series by species and country.



 ${\bf Figure~2.}$  Time series of Irish catches by species and gear.

 ${\bf Table\ 1.}\ {\bf Frequencies\ of\ observations\ by\ species\ and\ area.}$ 

	code								
area	bll	gug	jod	lin	pok	pol	ska	spr	tur
12	0	0	0	249	0	0	0	0	0
14A	0	0	0	10	0	0	0	0	0
14B COAST	0	0	0	169	0	0	0	0	0
3AN	0	0	0	7379	0	0	0	0	0
3AS	0	0	0	2097	0	0	0	0	0
4	0	0	0	42203	0	0	0	0	0
6A	0	926	0	13656	0	0	0	230	0
6B EU	0	34	0	2241	0	0	0	0	0
6B RFMO	0	0	0	711	0	0	0	0	0
7A	3009	2156	1284	2694	1073	2785	3990	155	0
7B	552	498	1025	3086	1643	1775	0	37	0
7C EU	125	280	486	3113	895	373	0	0	0
7C RFMO	0	0	0	1	0	0	0	0	0
7D	10934	0	5957	2040	520	7638	0	0	0
7E	12365	8917	11452	10155	3357	15245	0	0	15124
7F	2180	2293	2267	2451	1311	2865	2169	21	3058
7 <b>G</b>	2984	2493	3364	7917	4662	7224	6047	74	0
7H	3150	2827	3957	5665	2984	4693	0	1	4183
7J EU	1556	1209	4002	9278	4254	5278	0	103	4469
7J RFMO	0	0	2	0	0	1	0	0	0
7K EU	45	60	147	1959	232	142	0	2	0
7K RFMO	3	2	9	8	0	5	0	0	0
88	0	0	15405	12548	1828	0	0	0	13987
8B	0	0	5355	2887	253	0	0	0	6696
8C	0	0	0	978	7	0	0	0	1775
8D EU	0	0	593	1254	139	0	0	0	607
8D RFMO	0	0	2	0	0	0	0	0	0
9A	0	0	0	81	71	0	0	0	1846
9B EU	0	0	0	2	1	0	0	0	0
9B RFMO	0	0	0	6	0	0	0	0	0