

Demersal dataset, q=0				
Polygon number	α_{trawl}	$\beta_{trawl/year}$	β_{year}	γ
19	9.95 [9.25-10.68]	2.37 [2.24-2.5]	1.7 [1.56-1.85]	40 [37-43]
21	10.84 [10.13-11.62]	2.18 [2.07-2.3]	1.81 [1.66-1.95]	43 [39-47]
22	11.22 [10.64-11.87]	1.93 [1.83-2.02]	1.67 [1.55-1.8]	36 [33-39]
23	11.24 [10.8-11.74]	2.09 [1.99-2.18]	1.69 [1.59-1.79]	40 [37-42]
24	7.2 [6.35-8.05]	2.19 [2.03-2.37]	1.61 [1.44-1.81]	25 [22-29]
25	11.5 [10.96-12.06]	1.91 [1.83-2]	1.79 [1.66-1.94]	40 [36-43]
26	11.38 [10.85-11.88]	2 [1.9-2.1]	1.57 [1.47-1.71]	36 [33-39]
33	10.57 [10.17-11]	1.88 [1.79-1.97]	1.8 [1.67-1.94]	36 [33-38]
38	8.24 [7.72-8.72]	2.3 [2.16-2.44]	2.07 [1.87-2.26]	39 [36-42]
39	9.68 [9.22-10.1]	1.81 [1.73-1.89]	2.05 [1.89-2.22]	36 [32-39]
40	12.16 [11.69-12.6]	1.84 [1.76-1.92]	1.65 [1.54-1.79]	37 [34-40]
41	11.64 [11.18-12.12]	1.85 [1.79-1.93]	1.86 [1.72-2]	40 [37-44]
42	12.23 [11.69-12.71]	1.71 [1.64-1.78]	1.5 [1.39-1.61]	31 [28.95-34]
43	11.11 [10.64-11.58]	1.83 [1.75-1.91]	1.72 [1.59-1.84]	35 [32-38]
44	10.28 [9.86-10.74]	1.61 [1.54-1.69]	1.79 [1.6-1.99]	30 [26-33]
45	10.89 [10.46-11.4]	1.74 [1.66-1.84]	1.75 [1.61-1.88]	33 [30-36]
47	11.22 [10.72-11.68]	1.65 [1.58-1.73]	1.83 [1.68-1.98]	34 [31-37]
48	12.23 [11.76-12.68]	1.6 [1.52-1.68]	1.77 [1.6-1.92]	35 [31-38]
49	11.66 [10.94-12.34]	1.97 [1.87-2.09]	1.75 [1.62-1.9]	40 [37-44]

Demersal dataset, q=0.5				
Polygon number	α_{trawl}	$\beta_{trawl/year}$	β_{year}	γ
19	4.4 [4.1-4.74]	2.27 [2.1-2.44]	1.48 [1.39-1.59]	14.92 [13.27-16.48]
21	4.74 [4.34-5.1]	2.07 [1.94-2.21]	1.49 [1.41-1.59]	14.62 [13.28-16.02]
22	4.58 [4.21-5]	1.84 [1.74-1.94]	1.41 [1.34-1.49]	11.88 [10.88-13]
23	4.85 [4.54-5.17]	1.98 [1.88-2.09]	1.47 [1.37-1.57]	14.13 [12.96-15.34]
24	2.91 [2.59-3.26]	1.69 [1.56-1.83]	1.21 [1.15-1.28]	6.02 [5.07-6.83]
25	5.31 [4.98-5.66]	1.64 [1.56-1.73]	1.4 [1.34-1.46]	12.26 [11.02-13.48]
26	4.01 [3.7-4.31]	1.71 [1.6-1.82]	1.42 [1.34-1.53]	9.85 [8.54-11.07]
33	4.12 [3.9-4.32]	1.4 [1.34-1.46]	1.34 [1.29-1.39]	7.72 [7.09-8.4]
38	3.17 [2.95-3.41]	1.76 [1.62-1.91]	1.54 [1.44-1.64]	8.59 [7.5-9.76]
39	4.71 [4.49-4.96]	1.6 [1.53-1.68]	1.42 [1.34-1.52]	10.74 [9.89-11.69]
40	5.47 [5.21-5.73]	1.66 [1.59-1.72]	1.31 [1.26-1.37]	11.88 [11.14-12.61]
41	5.92 [5.67-6.17]	1.59 [1.53-1.64]	1.4 [1.34-1.46]	13.17 [12.26-14.2]
42	5.79 [5.46-6.1]	1.53 [1.47-1.61]	1.33 [1.28-1.39]	11.81 [11.04-12.49]
43	4.47 [4.21-4.74]	1.64 [1.57-1.72]	1.42 [1.35-1.49]	10.42 [9.63-11.25]
44	3.96 [3.66-4.25]	1.6 [1.51-1.68]	1.38 [1.29-1.49]	8.73 [7.93-9.58]
45	3.4 [3.12-3.69]	1.78 [1.68-1.88]	1.56 [1.44-1.69]	9.43 [8.48-10.44]
47	3.74 [3.46-4.06]	1.55 [1.47-1.62]	1.45 [1.36-1.56]	8.39 [7.37-9.5]
48	4.49 [4.14-4.86]	1.65 [1.56-1.76]	1.36 [1.28-1.45]	10.11 [9.23-11.06]
49	4.46 [4.03-4.88]	1.98 [1.86-2.11]	1.56 [1.45-1.69]	13.81 [12.39-15.54]

Demersal dataset, q=1				
Polygon number	α_{trawl}	$\beta_{trawl/year}$	β_{year}	γ
19	2.98 [2.75-3.24]	2.17 [1.96-2.38]	1.38 [1.28-1.5]	9 [7.73-10.24]
21	3.21 [2.92-3.49]	2.01 [1.83-2.21]	1.39 [1.29-1.5]	8.97 [7.9-10.1]
22	2.96 [2.69-3.26]	1.75 [1.62-1.9]	1.3 [1.23-1.38]	6.74 [6.01-7.55]
23	3.31 [3.05-3.57]	1.94 [1.8-2.11]	1.41 [1.31-1.51]	9.05 [8.19-10.06]
24	2.13 [1.91-2.39]	1.59 [1.44-1.77]	1.1 [1.06-1.17]	3.77 [3.19-4.36]
25	3.61 [3.33-3.9]	1.56 [1.46-1.66]	1.25 [1.19-1.31]	7.01 [6.2-7.97]
26	2.7 [2.48-2.92]	1.47 [1.36-1.58]	1.22 [1.15-1.29]	4.83 [4.13-5.61]
33	2.9 [2.74-3.05]	1.21 [1.16-1.26]	1.16 [1.13-1.2]	4.06 [3.76-4.37]
38	2.3 [2.13-2.5]	1.59 [1.44-1.76]	1.28 [1.21-1.37]	4.7 [4.07-5.42]
39	3.51 [3.32-3.72]	1.52 [1.44-1.62]	1.28 [1.22-1.36]	6.86 [6.28-7.53]
40	3.79 [3.57-4.02]	1.55 [1.48-1.62]	1.2 [1.16-1.25]	7.05 [6.53-7.59]
41	4.28 [4.04-4.52]	1.59 [1.5-1.67]	1.33 [1.27-1.4]	9.04 [8.43-9.76]
42	4.09 [3.83-4.36]	1.46 [1.38-1.56]	1.27 [1.21-1.35]	7.64 [6.89-8.39]
43	3.01 [2.83-3.22]	1.47 [1.39-1.56]	1.24 [1.18-1.32]	5.51 [4.93-6.1]
44	2.56 [2.35-2.78]	1.55 [1.45-1.67]	1.41 [1.31-1.52]	5.63 [5.04-6.22]
45	2.09 [1.93-2.27]	1.66 [1.54-1.8]	1.51 [1.39-1.64]	5.25 [4.69-5.82]
47	2.4 [2.21-2.61]	1.4 [1.32-1.49]	1.25 [1.17-1.33]	4.21 [3.66-4.82]
48	2.76 [2.52-3.04]	1.66 [1.53-1.81]	1.32 [1.23-1.44]	6.09 [5.48-6.79]
49	2.71 [2.44-3.01]	1.92 [1.76-2.1]	1.53 [1.41-1.68]	7.97 [7.02-9.11]

Demersal dataset, q=2				
Polygon number	α_{trawl}	$\beta_{trawl/year}$	β_{year}	γ
19	2.16 [1.99-2.35]	2.02 [1.76-2.3]	1.33 [1.19-1.5]	5.77 [4.93-6.8]
21	2.27 [2.08-2.48]	1.92 [1.68-2.19]	1.3 [1.19-1.44]	5.69 [4.81-6.79]
22	2.07 [1.91-2.29]	1.69 [1.51-1.88]	1.27 [1.16-1.38]	4.41 [3.92-5.05]
23	2.34 [2.16-2.55]	1.92 [1.71-2.17]	1.36 [1.26-1.5]	6.18 [5.36-7.09]
24	1.69 [1.54-1.86]	1.59 [1.42-1.79]	1.07 [1.02-1.18]	2.89 [2.52-3.37]
25	2.5 [2.28-2.72]	1.49 [1.38-1.64]	1.19 [1.12-1.29]	4.45 [3.86-5.14]
26	2.03 [1.88-2.18]	1.34 [1.24-1.46]	1.07 [1.04-1.13]	2.93 [2.57-3.37]
33	2.21 [2.08-2.33]	1.14 [1.1-1.19]	1.17 [1.12-1.23]	2.95 [2.78-3.12]
38	1.8 [1.68-1.95]	1.49 [1.35-1.68]	1.17 [1.1-1.26]	3.16 [2.75-3.66]
39	2.72 [2.54-2.9]	1.46 [1.36-1.58]	1.2 [1.14-1.28]	4.81 [4.34-5.33]
40	2.76 [2.58-2.96]	1.5 [1.4-1.6]	1.14 [1.09-1.2]	4.74 [4.3-5.19]
41	3.11 [2.89-3.33]	1.64 [1.52-1.77]	1.39 [1.3-1.52]	7.11 [6.58-7.73]
42	3.06 [2.85-3.3]	1.45 [1.33-1.59]	1.2 [1.12-1.31]	5.36 [4.65-6.13]
43	2.26 [2.12-2.42]	1.37 [1.28-1.47]	1.13 [1.08-1.2]	3.52 [3.13-3.92]
44	1.86 [1.72-2.02]	1.47 [1.34-1.6]	1.53 [1.41-1.67]	4.18 [3.74-4.66]
45	1.56 [1.47-1.66]	1.52 [1.38-1.67]	1.58 [1.43-1.74]	3.75 [3.36-4.15]
47	1.79 [1.67-1.94]	1.3 [1.22-1.38]	1.16 [1.08-1.25]	2.71 [2.36-3.1]
48	1.93 [1.77-2.11]	1.6 [1.44-1.79]	1.4 [1.26-1.57]	4.34 [3.81-4.88]
49	1.85 [1.71-2.03]	1.8 [1.59-2.03]	1.58 [1.39-1.8]	5.28 [4.63-6.03]

Pelagic dataset, q=0				
Polygon number	α_{trawl}	$\beta_{trawl/year}$	β_{year}	γ
23	6.1 [5.67-6.57]	2.39 [2.22-2.54]	2.05 [1.89-2.24]	30 [27-32]
24	7.27 [6.8-7.73]	1.97 [1.85-2.1]	1.96 [1.79-2.12]	28 [25-31]
25	5.68 [5.3-6.06]	1.87 [1.74-2.02]	2.19 [1.94-2.43]	23 [20-27]
26	4.9 [4.5-5.3]	2.26 [2.09-2.43]	2.36 [2.12-2.63]	26 [22-30]
33	5.42 [5.13-5.67]	1.86 [1.77-1.95]	2.05 [1.84-2.27]	21 [18-23]
38	5.36 [4.96-5.76]	2.08 [1.95-2.21]	2.07 [1.83-2.34]	23 [20-26]
39	4.58 [4.22-4.93]	2.14 [2.01-2.29]	2.08 [1.84-2.35]	20 [18-23]
40	5.88 [5.54-6.24]	1.77 [1.68-1.86]	2.25 [2-2.5]	23 [20-27]
41	6.42 [6.14-6.68]	1.56 [1.48-1.64]	2 [1.72-2.25]	20 [16-23]
42	4.94 [4.63-5.26]	1.96 [1.83-2.09]	2.16 [1.92-2.4]	21 [18-24]
43	4.66 [4.34-4.94]	1.94 [1.83-2.05]	2.2 [1.94-2.44]	20 [17-22]
44	4.8 [4.35-5.25]	2.01 [1.8-2.22]	1.62 [1.47-1.8]	16 [13-18]
45	5.73 [5.45-6.03]	1.8 [1.7-1.89]	2.12 [1.9-2.34]	22 [19-24]
47	4.24 [3.96-4.54]	2.14 [2.02-2.27]	2.12 [1.91-2.36]	19 [17-21]
49	5.77 [5.1-6.43]	2.34 [2.16-2.52]	1.97 [1.77-2.19]	26 [24-29]

Pelagic dataset, q=0.5				
Polygon number	α_{trawl}	$\beta_{trawl/year}$	β_{year}	γ
23	2.68 [2.44-2.95]	2.29 [2.08-2.52]	1.8 [1.63-2]	11.12 [9.4-12.89]
24	2.41 [2.18-2.63]	1.95 [1.8-2.12]	1.66 [1.52-1.82]	7.86 [6.55-9.09]
25	2.86 [2.67-3.05]	1.84 [1.69-2.01]	1.68 [1.51-1.89]	8.83 [7.6-10.26]
26	1.89 [1.72-2.06]	1.84 [1.68-1.97]	1.75 [1.58-1.95]	6.07 [4.95-7.49]
33	2.67 [2.51-2.82]	1.66 [1.56-1.76]	1.5 [1.41-1.59]	6.63 [6.16-7.12]
38	2.5 [2.3-2.7]	2.06 [1.91-2.22]	1.73 [1.58-1.91]	8.92 [7.97-10.01]
39	2.1 [1.95-2.27]	1.82 [1.68-1.97]	1.72 [1.55-1.89]	6.57 [5.82-7.39]
40	2.97 [2.8-3.14]	1.57 [1.5-1.65]	1.43 [1.31-1.56]	6.68 [5.96-7.41]
41	3.28 [3.13-3.43]	1.43 [1.37-1.5]	1.31 [1.25-1.36]	6.14 [5.81-6.5]
42	2.38 [2.19-2.57]	1.61 [1.5-1.73]	1.39 [1.31-1.48]	5.35 [4.73-5.84]
43	2.11 [1.99-2.25]	1.62 [1.52-1.73]	1.51 [1.37-1.64]	5.19 [4.5-5.82]
44	2.59 [2.31-2.93]	1.73 [1.53-1.92]	1.69 [1.54-1.86]	7.58 [6.44-8.75]
45	2.55 [2.34-2.76]	1.74 [1.61-1.87]	1.78 [1.59-1.98]	7.9 [6.65-9.21]
47	2.35 [2.17-2.55]	2.05 [1.9-2.19]	1.88 [1.72-2.07]	9.06 [7.99-10.14]
49	2.64 [2.31-3.02]	2.39 [2.14-2.6]	1.98 [1.81-2.17]	12.5 [10.65-14.08]

Pelagic dataset, q=1				
Polygon number	α_{trawl}	$\beta_{trawl/year}$	β_{year}	γ
23	1.97 [1.79-2.16]	2.26 [1.98-2.58]	1.64 [1.45-1.85]	7.32 [6.09-8.69]
24	1.72 [1.57-1.89]	1.92 [1.71-2.16]	1.44 [1.32-1.6]	4.82 [3.88-5.81]
25	2.2 [2.04-2.35]	1.88 [1.7-2.09]	1.58 [1.43-1.78]	6.57 [5.73-7.59]
26	1.45 [1.34-1.57]	1.61 [1.45-1.75]	1.38 [1.27-1.52]	3.23 [2.6-3.93]
33	2.08 [1.95-2.21]	1.67 [1.54-1.79]	1.48 [1.39-1.57]	5.12 [4.71-5.53]
38	1.92 [1.77-2.07]	2.06 [1.86-2.28]	1.59 [1.45-1.78]	6.34 [5.54-7.25]
39	1.65 [1.53-1.78]	1.73 [1.56-1.92]	1.57 [1.4-1.76]	4.49 [3.86-5.16]
40	2.26 [2.12-2.41]	1.66 [1.55-1.77]	1.4 [1.31-1.51]	5.26 [4.9-5.64]
41	2.48 [2.34-2.62]	1.48 [1.39-1.57]	1.3 [1.23-1.38]	4.78 [4.48-5.05]
42	1.85 [1.7-2.01]	1.64 [1.49-1.79]	1.31 [1.23-1.42]	3.99 [3.43-4.5]
43	1.66 [1.56-1.77]	1.58 [1.45-1.7]	1.33 [1.23-1.46]	3.51 [3.11-3.91]
44	1.96 [1.74-2.21]	1.55 [1.37-1.76]	1.62 [1.47-1.82]	4.95 [4.02-6.01]
45	1.85 [1.69-2.01]	1.64 [1.48-1.82]	1.53 [1.4-1.68]	4.63 [3.95-5.46]
47	1.85 [1.7-2]	1.95 [1.76-2.14]	1.66 [1.51-1.82]	6 [5.16-6.86]
49	1.92 [1.71-2.17]	2.31 [1.98-2.6]	1.94 [1.74-2.21]	8.67 [7.05-10.28]

Pelagic dataset, q=2				
Polygon number	α_{trawl}	$\beta_{trawl/year}$	β_{year}	γ
23	1.56 [1.44-1.69]	2.16 [1.81-2.57]	1.59 [1.41-1.87]	5.44 [4.51-6.41]
24	1.4 [1.31-1.51]	1.77 [1.52-2.04]	1.26 [1.14-1.47]	3.15 [2.49-3.95]
25	1.77 [1.65-1.9]	1.89 [1.67-2.12]	1.56 [1.37-1.79]	5.21 [4.51-5.99]
26	1.24 [1.18-1.31]	1.39 [1.28-1.5]	1.2 [1.1-1.33]	2.08 [1.73-2.51]
33	1.69 [1.59-1.8]	1.66 [1.51-1.81]	1.52 [1.39-1.67]	4.27 [3.85-4.71]
38	1.57 [1.46-1.69]	1.98 [1.73-2.26]	1.51 [1.33-1.74]	4.7 [3.92-5.59]
39	1.39 [1.31-1.49]	1.59 [1.43-1.79]	1.47 [1.27-1.71]	3.28 [2.69-3.88]
40	1.8 [1.69-1.92]	1.73 [1.59-1.88]	1.51 [1.39-1.66]	4.71 [4.4-5.03]
41	1.93 [1.82-2.06]	1.49 [1.37-1.62]	1.42 [1.31-1.55]	4.11 [3.79-4.39]
42	1.51 [1.41-1.62]	1.62 [1.44-1.81]	1.26 [1.16-1.41]	3.12 [2.54-3.67]
43	1.4 [1.33-1.49]	1.52 [1.38-1.67]	1.31 [1.2-1.46]	2.81 [2.49-3.14]
44	1.55 [1.41-1.72]	1.39 [1.22-1.58]	1.6 [1.44-1.81]	3.46 [2.91-4.17]
45	1.48 [1.38-1.59]	1.52 [1.34-1.72]	1.41 [1.29-1.55]	3.16 [2.75-3.7]
47	1.51 [1.41-1.62]	1.79 [1.57-2.03]	1.49 [1.34-1.67]	4.03 [3.36-4.84]
49	1.51 [1.38-1.66]	2.11 [1.72-2.52]	1.93 [1.66-2.3]	6.21 [4.78-7.73]