

Appendix A List of industries (32 industries)

Wild fisheries
Aquaculture
Agriculture and forestry
Mineral products
Seafood processing
Food and beverage
Textile and leather
Wood and paper
Printing and copying
Coal and petroleum
Chemical products
Non-metallic mineral products
Primary metal products
Metal products
General machinery
Electric and electronic equipment
Precision instruments
Transport equipment
Other manufacturing
Electricity, gas, and water
Construction
Wholesale and retail
Food service
Transportation
Telecommunications and broadcasting
Finance and insurance
Real estate and business services
Public administration and defense
Educational and health services
Social and other services
Office supplies

Appendix B Entire set of SPA results

Table B.1 Backward linkage SPA: Wild fisheries

Destination	Global Influence	Elementary Paths	Direct Influence	Path Multiplier	Total Influence	TG ratio (in %)
Wild fisheries	1.0159	Wild fisheries → Wild fisheries	0.0156	1.0922	0.0170	1.7
Aquaculture	0.0000	Wild fisheries → Food and beverage → Seafood processing → Aquaculture	0.0000	1.4246	0.0000	50.2
		Wild fisheries → Food and beverage → Aquaculture	0.0000	1.2946	0.0000	14.4
		Wild fisheries → Agriculture and forestry → Food and beverage → Seafood processing → Aquaculture	0.0000	1.4955	0.0000	7.9
		Wild fisheries → Real estate and business services → Aquaculture	0.0000	1.1968	0.0000	4.4
		Wild fisheries → Chemical products → Aquaculture	0.0000	1.6227	0.0000	2.8
		Wild fisheries → Agriculture and forestry → Food and beverage → Aquaculture	0.0000	1.3589	0.0000	2.3
		Wild fisheries → Transport equipment → Other manufacturing → Aquaculture	0.0000	1.6344	0.0000	2.1
Agriculture and forestry	0.0172	Wild fisheries → Agriculture and forestry	0.0111	1.1254	0.0124	72.5
		Wild fisheries → Food and beverage → Agriculture and forestry	0.0033	1.2640	0.0041	24.1
Mineral products	0.0006	Wild fisheries → Coal and petroleum → Mineral products	0.0003	1.0665	0.0003	45.2
		Wild fisheries → Chemical products → Mineral products	0.0000	1.5099	0.0000	6.5
		Wild fisheries → Electric and electronic equipment → Non-metallic mineral products → Mineral products	0.0000	1.5137	0.0000	3.6
		Wild fisheries → Transportation → Coal and petroleum → Mineral products	0.0000	1.1236	0.0000	2.7
		Wild fisheries → Wood and paper → Non-metallic mineral products → Mineral products	0.0000	1.4693	0.0000	2.3
		Wild fisheries → Non-metallic mineral products → Mineral products	0.0000	1.1235	0.0000	2.2
		Wild fisheries → Mineral products	0.0000	1.0164	0.0000	0.6
Seafood processing	0.0001	Wild fisheries → Food and beverage → Seafood processing	0.0000	1.3251	0.0001	79.9
		Wild fisheries → Agriculture and forestry → Food and beverage → Seafood processing	0.0000	1.3910	0.0000	12.6
Food and beverage	0.0189	Wild fisheries → Food and beverage	0.0132	1.2041	0.0160	84.4
		Wild fisheries → Agriculture and forestry → Food and beverage	0.0020	1.2640	0.0025	13.3
Textile and leather	0.0284	Wild fisheries → Textile and leather	0.0204	1.3054	0.0266	93.7
Wood and paper	0.0600	Wild fisheries → Wood and paper	0.0427	1.3287	0.0567	94.4
Printing and copying	0.0019	Wild fisheries → Wood and paper → Printing and copying	0.0002	1.5015	0.0002	12.8
		Wild fisheries → Finance and insurance → Printing and copying	0.0001	1.5120	0.0002	11.9

		Wild fisheries → Real estate and business services → Printing and copying	0.0001	1.2586	0.0001	7.3
		Wild fisheries → Coal and petroleum → Printing and copying	0.0001	1.2061	0.0001	7.2
		Wild fisheries → Printing and copying	0.0001	1.1492	0.0001	5.9
		Wild fisheries → Chemical products → Printing and copying	0.0000	1.7067	0.0001	3.8
		Wild fisheries → Wholesale and retail → Printing and copying	0.0001	1.1833	0.0001	3.6
		Wild fisheries → Office supplies → Printing and copying	0.0000	1.1514	0.0001	3.0
		Wild fisheries → Textile and leather → Printing and copying	0.0000	1.4768	0.0001	3.0
		Wild fisheries → Transportation → Printing and copying	0.0000	1.2146	0.0000	2.4
		Wild fisheries → Food and beverage → Printing and copying	0.0000	1.3622	0.0000	2.4
Coal and petroleum	0.1799	Wild fisheries → Coal and petroleum	0.1463	1.0662	0.1560	86.7
		Wild fisheries → Transportation → Coal and petroleum	0.0082	1.1233	0.0093	5.1
		Wild fisheries → Chemical products → Coal and petroleum	0.0030	1.5770	0.0048	2.7
Chemical products	0.0762	Wild fisheries → Chemical products	0.0308	1.5092	0.0465	61.1
		Wild fisheries → Wood and paper → Chemical products	0.0029	1.9721	0.0057	7.4
		Wild fisheries → Coal and petroleum → Chemical products	0.0035	1.5770	0.0056	7.3
		Wild fisheries → Textile and leather → Chemical products	0.0021	1.9375	0.0041	5.3
		Wild fisheries → Transport equipment → Chemical products	0.0018	2.0900	0.0038	4.9
Non-metallic mineral products	0.0022	Wild fisheries → Electric and electronic equipment → Non-metallic mineral products	0.0003	1.5130	0.0004	17.6
		Wild fisheries → Wood and paper → Non-metallic mineral products	0.0002	1.4687	0.0002	11.1
		Wild fisheries → Non-metallic mineral products	0.0002	1.1230	0.0002	10.4
		Wild fisheries → Chemical products → Non-metallic mineral products	0.0001	1.6679	0.0002	8.6
		Wild fisheries → Transport equipment → Non-metallic mineral products	0.0001	1.5556	0.0002	7.1
		Wild fisheries → Food and beverage → Non-metallic mineral products	0.0001	1.3311	0.0001	4.4
		Wild fisheries → Real estate and business services → Construction → Non-metallic mineral products	0.0000	1.2311	0.0001	2.5
		Wild fisheries → Coal and petroleum → Non-metallic mineral products	0.0000	1.1785	0.0000	2.2
		Wild fisheries → Transport equipment → Electric and electronic equipment → Non-metallic mineral products	0.0000	2.0955	0.0000	2.0
Primary metal products	0.0213	Wild fisheries → Transport equipment → Primary metal products	0.0020	2.6720	0.0055	25.6
		Wild fisheries → General machinery → Primary metal products	0.0014	2.3561	0.0033	15.3
		Wild fisheries → Primary metal products	0.0011	1.9296	0.0022	10.4

		Wild fisheries → Electric and electronic equipment → Primary metal products	0.0004	2.5992	0.0009	4.4
		Wild fisheries → Transport equipment → Metal products → Primary metal products	0.0003	3.0702	0.0008	3.8
		Wild fisheries → Coal and petroleum → Metal products → Primary metal products	0.0003	2.3257	0.0007	3.2
		Wild fisheries → Metal products → Primary metal products	0.0003	2.2176	0.0006	2.7
		Wild fisheries → General machinery → Metal products → Primary metal products	0.0002	2.7026	0.0005	2.3
		Wild fisheries → Transport equipment → General machinery → Primary metal products	0.0001	3.2607	0.0005	2.2
		Wild fisheries → Transportation → Transport equipment → Primary metal products	0.0002	2.8199	0.0004	2.1
Metal products	0.0082	Wild fisheries → Transport equipment → Metal products	0.0009	1.6223	0.0014	17.2
		Wild fisheries → Coal and petroleum → Metal products	0.0010	1.2288	0.0012	14.4
		Wild fisheries → Metal products	0.0008	1.1713	0.0010	12.1
		Wild fisheries → General machinery → Metal products	0.0006	1.4300	0.0009	10.6
		Wild fisheries → Wood and paper → Metal products	0.0002	1.5319	0.0004	4.4
		Wild fisheries → Chemical products → Metal products	0.0002	1.7388	0.0004	4.3
		Wild fisheries → Textile and leather → Metal products	0.0002	1.5051	0.0003	3.6
		Wild fisheries → Electric and electronic equipment → Metal products	0.0002	1.5782	0.0003	3.1
		Wild fisheries → Food and beverage → Metal products	0.0002	1.3884	0.0002	3.0
General machinery	0.0171	Wild fisheries → General machinery	0.0093	1.2430	0.0116	68.0
		Wild fisheries → Transport equipment → General machinery	0.0010	1.7209	0.0017	9.8
		Wild fisheries → Coal and petroleum → General machinery	0.0008	1.3041	0.0011	6.2
		Wild fisheries → Chemical products → General machinery	0.0002	1.8452	0.0004	2.5
Electric and electronic equipment	0.0214	Wild fisheries → Electric and electronic equipment	0.0108	1.3691	0.0148	68.8
		Wild fisheries → Transport equipment → Electric and electronic equipment	0.0009	1.8965	0.0017	7.9
		Wild fisheries → General machinery → Electric and electronic equipment	0.0005	1.6727	0.0008	4.0
Precision instruments	0.0025	Wild fisheries → Precision instruments	0.0015	1.0653	0.0016	64.2
		Wild fisheries → Coal and petroleum → Precision instruments	0.0001	1.1180	0.0001	5.8
		Wild fisheries → General machinery → Precision instruments	0.0001	1.3032	0.0001	4.9
		Wild fisheries → Transport equipment → Precision instruments	0.0001	1.4759	0.0001	4.6
		Wild fisheries → Electric and electronic equipment → Precision instruments	0.0001	1.4342	0.0001	3.5
Transport equipment	0.0467	Wild fisheries → Transport equipment	0.0291	1.4074	0.0410	87.8

		Wild fisheries → Transportation → Transport equipment	0.0023	1.4855	0.0034	7.2
Other manufacturing	0.0022	Wild fisheries → Transport equipment → Other manufacturing	0.0005	1.5201	0.0008	35.9
		Wild fisheries → Other manufacturing	0.0005	1.0974	0.0005	24.0
		Wild fisheries → Textile and leather → Other manufacturing	0.0002	1.4087	0.0002	10.1
		Wild fisheries → Transportation → Transport equipment → Other manufacturing	0.0000	1.6044	0.0001	3.0
		Wild fisheries → Office supplies → Other manufacturing	0.0001	1.0998	0.0001	2.5
		Wild fisheries → Wholesale and retail → Other manufacturing	0.0000	1.1300	0.0000	2.1
Electricity, gas, and water	0.0156	Wild fisheries → Coal and petroleum → Electricity, gas, and water	0.0022	1.2856	0.0029	18.5
		Wild fisheries → Wood and paper → Electricity, gas, and water	0.0015	1.6035	0.0024	15.4
		Wild fisheries → Electricity, gas, and water	0.0012	1.2261	0.0015	9.4
		Wild fisheries → Chemical products → Electricity, gas, and water	0.0004	1.8205	0.0008	5.2
		Wild fisheries → Textile and leather → Electricity, gas, and water	0.0005	1.5755	0.0008	4.9
		Wild fisheries → Transportation → Electricity, gas, and water	0.0005	1.2958	0.0007	4.3
		Wild fisheries → Wholesale and retail → Electricity, gas, and water	0.0005	1.2625	0.0007	4.2
		Wild fisheries → Real estate and business services → Electricity, gas, and water	0.0005	1.3422	0.0006	4.1
		Wild fisheries → Finance and insurance → Electricity, gas, and water	0.0002	1.6132	0.0003	2.2
Construction	0.0019	Wild fisheries → Real estate and business services → Construction	0.0006	1.1140	0.0006	33.7
		Wild fisheries → Construction	0.0002	1.0192	0.0002	11.3
		Wild fisheries → Wholesale and retail → Real estate and business services → Construction	0.0001	1.1448	0.0001	4.0
		Wild fisheries → Finance and insurance → Real estate and business services → Construction	0.0000	1.4559	0.0001	3.8
		Wild fisheries → Coal and petroleum → Real estate and business services → Construction	0.0001	1.1686	0.0001	3.5
		Wild fisheries → Transportation → Real estate and business services → Construction	0.0000	1.1764	0.0001	2.8
Wholesale and retail	0.0411	Wild fisheries → Wholesale and retail	0.0247	1.0464	0.0259	63.0
		Wild fisheries → Wood and paper → Wholesale and retail	0.0019	1.3672	0.0025	6.2
		Wild fisheries → Chemical products → Wholesale and retail	0.0010	1.5531	0.0015	3.7
		Wild fisheries → Transport equipment → Wholesale and retail	0.0010	1.4489	0.0014	3.4
		Wild fisheries → Coal and petroleum → Wholesale and retail	0.0010	1.0976	0.0010	2.6
		Wild fisheries → Textile and leather → Wholesale and retail	0.0007	1.3441	0.0009	2.3
		Wild fisheries → Food and beverage → Wholesale and retail	0.0007	1.2402	0.0009	2.2

Transportation	0.0606	Wild fisheries → Transportation	0.0443	1.0738	0.0476	78.6
		Wild fisheries → Wood and paper → Transportation	0.0015	1.4043	0.0021	3.5
		Wild fisheries → Coal and petroleum → Transportation	0.0019	1.1233	0.0021	3.5
		Wild fisheries → Wholesale and retail → Transportation	0.0018	1.1039	0.0020	3.3
Telecommunications and broadcasting	0.0086	Wild fisheries → Telecommunications and broadcasting	0.0013	1.1732	0.0015	17.9
		Wild fisheries → Wholesale and retail → Telecommunications and broadcasting	0.0012	1.2001	0.0015	17.5
		Wild fisheries → Finance and insurance → Telecommunications and broadcasting	0.0006	1.5417	0.0009	11.1
		Wild fisheries → Real estate and business services → Telecommunications and broadcasting	0.0006	1.2782	0.0008	9.2
		Wild fisheries → Coal and petroleum → Telecommunications and broadcasting	0.0003	1.2311	0.0004	4.6
		Wild fisheries → Transportation → Telecommunications and broadcasting	0.0002	1.2398	0.0003	3.2
		Wild fisheries → Wood and paper → Telecommunications and broadcasting	0.0001	1.5343	0.0002	2.5
Finance and insurance	0.0482	Wild fisheries → Finance and insurance	0.0257	1.3369	0.0343	71.2
		Wild fisheries → Transportation → Finance and insurance	0.0014	1.4120	0.0019	4.0
		Wild fisheries → Real estate and business services → Finance and insurance	0.0012	1.4549	0.0018	3.7
		Wild fisheries → Coal and petroleum → Finance and insurance	0.0009	1.4029	0.0013	2.7
		Wild fisheries → Wholesale and retail → Finance and insurance	0.0008	1.3762	0.0011	2.2
		Wild fisheries → Wood and paper → Finance and insurance	0.0006	1.7484	0.0011	2.2
Real estate and business services	0.0515	Wild fisheries → Real estate and business services	0.0229	1.1131	0.0255	49.6
		Wild fisheries → Wholesale and retail → Real estate and business services	0.0027	1.1441	0.0030	5.9
		Wild fisheries → Finance and insurance → Real estate and business services	0.0020	1.4549	0.0029	5.6
		Wild fisheries → Coal and petroleum → Real estate and business services	0.0023	1.1678	0.0026	5.1
		Wild fisheries → Transportation → Real estate and business services	0.0018	1.1755	0.0021	4.2
		Wild fisheries → Chemical products → Real estate and business services	0.0009	1.6523	0.0014	2.8
		Wild fisheries → Transport equipment → Real estate and business services	0.0008	1.5417	0.0013	2.5
		Wild fisheries → Wood and paper → Real estate and business services	0.0009	1.4556	0.0013	2.5
Public administration and defense	0.0004	Wild fisheries → Transportation → Public administration and defense	0.0003	1.0738	0.0003	78.6
		Wild fisheries → Wood and paper → Transportation → Public administration and defense	0.0000	1.4043	0.0000	3.5
		Wild fisheries → Coal and petroleum → Transportation → Public administration and defense	0.0000	1.1233	0.0000	3.5

		Wild fisheries → Wholesale and retail → Transportation → Public administration and defense	0.0000	1.1039	0.0000	3.3
Educational and health services	0.0056	Wild fisheries → Educational and health services	0.0032	1.0370	0.0033	59.6
		Wild fisheries → Coal and petroleum → Educational and health services	0.0003	1.0882	0.0003	6.0
		Wild fisheries → Transportation → Educational and health services	0.0002	1.0961	0.0002	3.3
		Wild fisheries → Wood and paper → Educational and health services	0.0001	1.3563	0.0002	3.0
		Wild fisheries → Wholesale and retail → Educational and health services	0.0001	1.0679	0.0002	2.8
		Wild fisheries → Chemical products → Educational and health services	0.0001	1.5398	0.0002	2.7
		Wild fisheries → Real estate and business services → Educational and health services	0.0001	1.1359	0.0001	2.3
Social and other services	0.0038	Wild fisheries → Social and other services	0.0013	1.0669	0.0014	36.5
		Wild fisheries → Real estate and business services → Social and other services	0.0003	1.1666	0.0004	9.4
		Wild fisheries → Transportation → Social and other services	0.0003	1.1276	0.0003	8.5
		Wild fisheries → Coal and petroleum → Social and other services	0.0002	1.1197	0.0002	5.5
		Wild fisheries → Wholesale and retail → Social and other services	0.0001	1.0986	0.0001	2.9
		Wild fisheries → Finance and insurance → Social and other services	0.0001	1.4037	0.0001	2.8
		Wild fisheries → Wood and paper → Social and other services	0.0001	1.3953	0.0001	2.1
Office supplies	0.0011	Wild fisheries → Office supplies	0.0004	1.0185	0.0004	38.1
		Wild fisheries → Wood and paper → Office supplies	0.0001	1.3311	0.0001	7.9
		Wild fisheries → Real estate and business services → Office supplies	0.0001	1.1157	0.0001	7.1
		Wild fisheries → Wholesale and retail → Office supplies	0.0000	1.0484	0.0000	4.0
		Wild fisheries → Coal and petroleum → Office supplies	0.0000	1.0689	0.0000	3.8
		Wild fisheries → Textile and leather → Office supplies	0.0000	1.3087	0.0000	3.3
		Wild fisheries → Finance and insurance → Office supplies	0.0000	1.3402	0.0000	3.2
		Wild fisheries → Chemical products → Office supplies	0.0000	1.5128	0.0000	2.2
		Wild fisheries → Transportation → Office supplies	0.0000	1.0765	0.0000	2.1

Table B.2 Backward linkage SPA: Aquaculture

Destination	Global Influence	Elementary Paths	Direct Influence	Path Multiplier	Total Influence	TG ratio (in %)
Wild fisheries	0.0006	Aquaculture → Wild fisheries	0.0003	1.0922	0.0004	63.0
		Aquaculture → Food and beverage → Seafood processing → Wild fisheries	0.0001	1.4246	0.0001	25.2
		Aquaculture → Food and beverage → Wild fisheries	0.0000	1.2946	0.0000	8.6
Aquaculture	1.0752	Aquaculture → Aquaculture	0.0699	1.1911	0.0832	7.7
Agriculture and forestry	0.0730	Aquaculture → Agriculture and forestry	0.0351	1.1911	0.0418	57.3
		Aquaculture → Food and beverage → Agriculture and forestry	0.0230	1.3377	0.0307	42.1
Mineral products	0.0008	Aquaculture → Mineral products	0.0002	1.0757	0.0002	25.9
		Aquaculture → Coal and petroleum → Mineral products	0.0001	1.1288	0.0001	9.6
		Aquaculture → Electricity, gas, and water → Mineral products	0.0001	1.2982	0.0001	8.7
		Aquaculture → Chemical products → Mineral products	0.0000	1.5980	0.0000	6.2
		Aquaculture → Food and beverage → Non-metallic mineral products → Mineral products	0.0000	1.4094	0.0000	5.3
		Aquaculture → Food and beverage → Mineral products	0.0000	1.2750	0.0000	3.7
		Aquaculture → Non-metallic mineral products → Mineral products	0.0000	1.1891	0.0000	3.6
		Aquaculture → Construction → Non-metallic mineral products → Mineral products	0.0000	1.1927	0.0000	2.1
Seafood processing	0.0005	Aquaculture → Food and beverage → Seafood processing	0.0003	1.4024	0.0004	92.2
		Aquaculture → Agriculture and forestry → Food and beverage → Seafood processing	0.0000	1.4722	0.0000	6.6
Food and beverage	0.1273	Aquaculture → Food and beverage	0.0929	1.2744	0.1185	93.0
		Aquaculture → Agriculture and forestry → Food and beverage	0.0063	1.3377	0.0084	6.6
Textile and leather	0.0782	Aquaculture → Textile and leather	0.0551	1.3816	0.0761	97.3
Wood and paper	0.0159	Aquaculture → Wood and paper	0.0058	1.4063	0.0082	51.6
		Aquaculture → Food and beverage → Wood and paper	0.0014	1.6667	0.0024	15.2
		Aquaculture → Textile and leather → Wood and paper	0.0004	1.8070	0.0008	4.9
		Aquaculture → Wholesale and retail → Wood and paper	0.0004	1.4470	0.0006	4.0
		Aquaculture → Office supplies → Wood and paper	0.0004	1.4088	0.0006	3.6
		Aquaculture → Chemical products → Wood and paper	0.0002	2.0873	0.0004	2.3
Printing and copying	0.0023	Aquaculture → Food and beverage → Printing and copying	0.0002	1.4417	0.0003	13.9

		Aquaculture → Office supplies → Printing and copying	0.0002	1.2186	0.0002	9.3
		Aquaculture → Finance and insurance → Printing and copying	0.0001	1.6003	0.0002	8.8
		Aquaculture → Textile and leather → Printing and copying	0.0001	1.5630	0.0002	6.7
		Aquaculture → Printing and copying	0.0001	1.2163	0.0001	5.9
		Aquaculture → Educational and health services → Printing and copying	0.0001	1.2416	0.0001	5.1
		Aquaculture → Wholesale and retail → Printing and copying	0.0001	1.2524	0.0001	4.4
		Aquaculture → Chemical products → Printing and copying	0.0000	1.8064	0.0001	3.7
Coal and petroleum	0.0675	Aquaculture → Coal and petroleum	0.0374	1.1284	0.0422	62.5
		Aquaculture → Chemical products → Coal and petroleum	0.0035	1.6691	0.0058	8.6
		Aquaculture → Transportation → Coal and petroleum	0.0025	1.1888	0.0029	4.4
Chemical products	0.0983	Aquaculture → Chemical products	0.0353	1.5973	0.0564	57.4
		Aquaculture → Textile and leather → Chemical products	0.0057	2.0506	0.0116	11.8
		Aquaculture → Food and beverage → Chemical products	0.0030	1.8928	0.0057	5.8
		Aquaculture → Transport equipment → Chemical products	0.0022	2.2120	0.0048	4.9
		Aquaculture → Agriculture and forestry → Chemical products	0.0024	1.7690	0.0042	4.3
		Aquaculture → Food and beverage → Agriculture and forestry → Chemical products	0.0016	1.9866	0.0031	3.2
		Aquaculture → Educational and health services → Chemical products	0.0013	1.6297	0.0021	2.1
Non-metallic mineral products	0.0031	Aquaculture → Food and beverage → Non-metallic mineral products	0.0005	1.4088	0.0007	23.6
		Aquaculture → Non-metallic mineral products	0.0004	1.1886	0.0005	16.0
		Aquaculture → Construction → Non-metallic mineral products	0.0002	1.1922	0.0003	9.4
		Aquaculture → Chemical products → Non-metallic mineral products	0.0001	1.7653	0.0002	7.6
		Aquaculture → Transport equipment → Non-metallic mineral products	0.0001	1.6464	0.0002	6.6
Primary metal products	0.0236	Aquaculture → Transport equipment → Primary metal products	0.0025	2.8280	0.0070	29.7
		Aquaculture → Primary metal products	0.0020	2.0422	0.0041	17.5
		Aquaculture → General machinery → Primary metal products	0.0005	2.4936	0.0013	5.6
		Aquaculture → Food and beverage → Metal products → Primary metal products	0.0004	2.7819	0.0011	4.5
		Aquaculture → Transport equipment → Metal products → Primary metal products	0.0003	3.2495	0.0010	4.4
		Aquaculture → Metal products → Primary metal products	0.0004	2.3470	0.0009	4.0
		Aquaculture → Transport equipment → General machinery → Primary metal products	0.0002	3.4510	0.0006	2.6
		Aquaculture → Construction → Primary metal products	0.0003	2.0483	0.0005	2.3

		Aquaculture → Textile and leather → Metal products → Primary metal products	0.0002	3.0158	0.0005	2.1
Metal products	0.0103	Aquaculture → Food and beverage → Metal products	0.0013	1.4694	0.0019	18.1
		Aquaculture → Transport equipment → Metal products	0.0011	1.7171	0.0018	17.7
		Aquaculture → Metal products	0.0013	1.2397	0.0017	16.2
		Aquaculture → Textile and leather → Metal products	0.0005	1.5930	0.0009	8.3
		Aquaculture → Chemical products → Metal products	0.0002	1.8403	0.0004	4.2
		Aquaculture → General machinery → Metal products	0.0002	1.5135	0.0004	3.5
		Aquaculture → Construction → Metal products	0.0003	1.2435	0.0003	3.2
		Aquaculture → Coal and petroleum → Metal products	0.0002	1.3005	0.0003	3.1
General machinery	0.0107	Aquaculture → General machinery	0.0036	1.3155	0.0047	44.5
		Aquaculture → Transport equipment → General machinery	0.0012	1.8214	0.0021	20.1
		Aquaculture → Chemical products → General machinery	0.0003	1.9530	0.0005	4.8
		Aquaculture → Textile and leather → General machinery	0.0002	1.6904	0.0003	3.1
		Aquaculture → Food and beverage → General machinery	0.0002	1.5593	0.0003	3.0
		Aquaculture → Coal and petroleum → General machinery	0.0002	1.3802	0.0003	2.7
Electric and electronic equipment	0.0088	Aquaculture → Transport equipment → Electric and electronic equipment	0.0011	2.0072	0.0022	24.7
		Aquaculture → Electric and electronic equipment	0.0012	1.4491	0.0018	20.5
		Aquaculture → General machinery → Electric and electronic equipment	0.0002	1.7704	0.0003	3.9
		Aquaculture → Telecommunications and broadcasting → Electric and electronic equipment	0.0002	1.6725	0.0003	2.9
		Aquaculture → Electricity, gas, and water → Electric and electronic equipment	0.0001	1.7484	0.0002	2.8
		Aquaculture → Wholesale and retail → Electric and electronic equipment	0.0002	1.4917	0.0002	2.7
		Aquaculture → Construction → Electric and electronic equipment	0.0001	1.4535	0.0002	2.3
Precision instruments	0.0011	Aquaculture → Educational and health services → Precision instruments	0.0002	1.1509	0.0002	18.2
		Aquaculture → Precision instruments	0.0001	1.1275	0.0002	15.3
		Aquaculture → Transport equipment → Precision instruments	0.0001	1.5620	0.0001	13.4
		Aquaculture → General machinery → Precision instruments	0.0000	1.3793	0.0000	4.6
		Aquaculture → Coal and petroleum → Precision instruments	0.0000	1.1833	0.0000	3.6
		Aquaculture → Electricity, gas, and water → Precision instruments	0.0000	1.3607	0.0000	2.9
		Aquaculture → Agriculture and forestry → Precision instruments	0.0000	1.2490	0.0000	2.5

		Aquaculture → Transport equipment → General machinery → Precision instruments	0.0000	1.9096	0.0000	2.1
Transport equipment	0.0566	Aquaculture → Transport equipment	0.0354	1.4896	0.0527	93.2
Other manufacturing	0.0029	Aquaculture → Transport equipment → Other manufacturing	0.0006	1.6089	0.0010	34.1
		Aquaculture → Textile and leather → Other manufacturing	0.0004	1.4910	0.0006	21.3
		Aquaculture → Office supplies → Other manufacturing	0.0002	1.1640	0.0002	7.3
		Aquaculture → Other manufacturing	0.0002	1.1614	0.0002	7.1
		Aquaculture → Food and beverage → Other manufacturing	0.0001	1.3766	0.0002	6.2
		Aquaculture → Educational and health services → Other manufacturing	0.0001	1.1855	0.0001	4.3
		Aquaculture → Wholesale and retail → Other manufacturing	0.0001	1.1960	0.0001	2.4
Electricity, gas, and water	0.0373	Aquaculture → Electricity, gas, and water	0.0181	1.2976	0.0234	62.8
		Aquaculture → Textile and leather → Electricity, gas, and water	0.0013	1.6674	0.0022	5.8
		Aquaculture → Food and beverage → Electricity, gas, and water	0.0007	1.5381	0.0011	3.0
		Aquaculture → Wholesale and retail → Electricity, gas, and water	0.0008	1.3362	0.0010	2.7
		Aquaculture → Chemical products → Electricity, gas, and water	0.0005	1.9267	0.0010	2.6
		Aquaculture → Coal and petroleum → Electricity, gas, and water	0.0006	1.3606	0.0008	2.1
Construction	0.0049	Aquaculture → Construction	0.0030	1.0787	0.0033	66.7
		Aquaculture → Real estate and business services → Construction	0.0001	1.1790	0.0002	3.6
		Aquaculture → Electricity, gas, and water → Construction	0.0001	1.3017	0.0001	2.8
		Aquaculture → Wholesale and retail → Real estate and business services → Construction	0.0001	1.2116	0.0001	2.4
Wholesale and retail	0.0632	Aquaculture → Wholesale and retail	0.0362	1.1074	0.0401	63.4
		Aquaculture → Food and beverage → Wholesale and retail	0.0052	1.3126	0.0068	10.7
		Aquaculture → Textile and leather → Wholesale and retail	0.0019	1.4226	0.0027	4.3
		Aquaculture → Chemical products → Wholesale and retail	0.0011	1.6438	0.0019	2.9
		Aquaculture → Transport equipment → Wholesale and retail	0.0012	1.5334	0.0018	2.8
Transportation	0.0322	Aquaculture → Transportation	0.0133	1.1365	0.0151	47.0
		Aquaculture → Food and beverage → Transportation	0.0029	1.3471	0.0038	11.9
		Aquaculture → Wholesale and retail → Transportation	0.0027	1.1684	0.0031	9.7
		Aquaculture → Textile and leather → Transportation	0.0010	1.4603	0.0014	4.5
		Aquaculture → Chemical products → Transportation	0.0006	1.6871	0.0010	3.1

Telecommunications and broadcasting	0.0128	Aquaculture → Telecommunications and broadcasting	0.0038	1.2417	0.0047	36.7
		Aquaculture → Wholesale and retail → Telecommunications and broadcasting	0.0018	1.2702	0.0023	18.1
		Aquaculture → Finance and insurance → Telecommunications and broadcasting	0.0005	1.6317	0.0009	6.8
		Aquaculture → Food and beverage → Wholesale and retail → Telecommunications and broadcasting	0.0003	1.5055	0.0004	3.1
		Aquaculture → Textile and leather → Telecommunications and broadcasting	0.0002	1.5955	0.0003	2.5
Finance and insurance	0.0469	Aquaculture → Finance and insurance	0.0224	1.4149	0.0317	67.6
		Aquaculture → Wholesale and retail → Finance and insurance	0.0011	1.4566	0.0017	3.5
		Aquaculture → Textile and leather → Finance and insurance	0.0009	1.8181	0.0016	3.5
		Aquaculture → Food and beverage → Finance and insurance	0.0009	1.6771	0.0014	3.0
Real estate and business services	0.0391	Aquaculture → Real estate and business services	0.0059	1.1781	0.0069	17.8
		Aquaculture → Wholesale and retail → Real estate and business services	0.0039	1.2109	0.0047	12.0
		Aquaculture → Food and beverage → Real estate and business services	0.0027	1.3964	0.0037	9.5
		Aquaculture → Textile and leather → Real estate and business services	0.0018	1.5137	0.0028	7.1
		Aquaculture → Finance and insurance → Real estate and business services	0.0017	1.5398	0.0027	6.8
		Aquaculture → Chemical products → Real estate and business services	0.0010	1.7488	0.0017	4.4
		Aquaculture → Transport equipment → Real estate and business services	0.0010	1.6317	0.0016	4.2
		Aquaculture → Educational and health services → Real estate and business services	0.0007	1.2022	0.0009	2.3
		Aquaculture → Food and beverage → Wholesale and retail → Real estate and business services	0.0006	1.4352	0.0008	2.0
Public administration and defense	0.000218	Aquaculture → Transportation → Public administration and defense	0.0001	1.1365	0.0001	47.0
		Aquaculture → Food and beverage → Transportation → Public administration and defense	0.0000	1.3471	0.0000	11.9
		Aquaculture → Wholesale and retail → Transportation → Public administration and defense	0.0000	1.1684	0.0000	9.7
		Aquaculture → Textile and leather → Transportation → Public administration and defense	0.0000	1.4603	0.0000	4.5
		Aquaculture → Chemical products → Transportation → Public administration and defense	0.0000	1.6871	0.0000	3.1
Educational and health services	0.0232	Aquaculture → Educational and health services	0.0187	1.0976	0.0205	88.3
Social and other services	0.0043	Aquaculture → Social and other services	0.0016	1.1292	0.0019	42.8
		Aquaculture → Wholesale and retail → Social and other services	0.0001	1.1627	0.0002	3.9

		Aquaculture → Food and beverage → Social and other services	0.0001	1.3384	0.0002	3.5
		Aquaculture → Textile and leather → Social and other services	0.0001	1.4510	0.0001	3.4
		Aquaculture → Telecommunications and broadcasting → Social and other services	0.0001	1.3030	0.0001	3.1
		Aquaculture → Educational and health services → Social and other services	0.0001	1.1526	0.0001	3.0
		Aquaculture → Transportation → Social and other services	0.0001	1.1934	0.0001	2.4
		Aquaculture → Finance and insurance → Social and other services	0.0001	1.4856	0.0001	2.3
		Aquaculture → Real estate and business services → Social and other services	0.0001	1.2348	0.0001	2.2
Office supplies	0.0025	Aquaculture → Office supplies	0.0016	1.0779	0.0017	66.4
		Aquaculture → Educational and health services → Office supplies	0.0001	1.1003	0.0001	4.4
		Aquaculture → Textile and leather → Office supplies	0.0001	1.3851	0.0001	4.3
		Aquaculture → Food and beverage → Office supplies	0.0001	1.2777	0.0001	2.9
		Aquaculture → Wholesale and retail → Office supplies	0.0001	1.1096	0.0001	2.8

Table B.3 Backward linkage SPA: Seafood processing

Destination	Global Influence	Elementary Paths	Direct Influence	Path Multiplier	Total Influence	TG ratio (in %)
Wild fisheries	0.3722	Seafood processing → Wild fisheries	0.3329	1.1181	0.3722	100.0
Aquaculture	0.0918	Seafood processing → Aquaculture	0.0776	1.1833	0.0918	100.0
Agriculture and forestry	0.0187	Seafood processing → Food and beverage → Agriculture and forestry	0.0040	1.3693	0.0055	29.4
		Seafood processing → Wild fisheries → Agriculture and forestry	0.0037	1.2386	0.0046	24.4
		Seafood processing → Aquaculture → Agriculture and forestry	0.0027	1.3109	0.0036	19.1
		Seafood processing → Aquaculture → Food and beverage → Agriculture and forestry	0.0018	1.4722	0.0026	14.0
		Seafood processing → Wild fisheries → Food and beverage → Agriculture and forestry	0.0011	1.3910	0.0015	8.1
		Seafood processing → Agriculture and forestry	0.0004	1.2192	0.0005	2.4
Mineral products	0.0015	Seafood processing → Mineral products	0.0008	1.1012	0.0009	63.8
		Seafood processing → Wild fisheries → Coal and petroleum → Mineral products	0.0001	1.1738	0.0001	7.1
		Seafood processing → Chemical products → Mineral products	0.0000	1.6358	0.0000	2.5
Seafood processing	1.1006	Seafood processing → Seafood processing	0.0913	1.3044	0.1191	10.8
Food and beverage	0.0393	Seafood processing → Food and beverage	0.0163	1.3044	0.0212	54.0
		Seafood processing → Aquaculture → Food and beverage	0.0072	1.4024	0.0101	25.7
		Seafood processing → Wild fisheries → Food and beverage	0.0044	1.3251	0.0058	14.9
		Seafood processing → Wild fisheries → Agriculture and forestry → Food and beverage	0.0007	1.3910	0.0009	2.3
Textile and leather	0.0209	Seafood processing → Wild fisheries → Textile and leather	0.0068	1.4367	0.0098	46.6
		Seafood processing → Aquaculture → Textile and leather	0.0043	1.5206	0.0065	31.0
		Seafood processing → Textile and leather	0.0017	1.4143	0.0024	11.4
		Seafood processing → Wholesale and retail → Textile and leather	0.0004	1.4563	0.0006	2.7
Wood and paper	0.0402	Seafood processing → Wild fisheries → Wood and paper	0.0142	1.4624	0.0208	51.7
		Seafood processing → Wood and paper	0.0091	1.4395	0.0130	32.5
		Seafood processing → Wholesale and retail → Wood and paper	0.0010	1.4813	0.0015	3.7
Printing and copying	0.0035	Seafood processing → Printing and copying	0.0011	1.2451	0.0014	39.6
		Seafood processing → Wholesale and retail → Printing and copying	0.0002	1.2820	0.0002	6.9
		Seafood processing → Finance and insurance → Printing and copying	0.0001	1.6381	0.0001	2.7

		Seafood processing → Wild fisheries → Wood and paper → Printing and copying	0.0001	1.6525	0.0001	2.5
		Seafood processing → Office supplies → Printing and copying	0.0001	1.2474	0.0001	2.4
		Seafood processing → Wild fisheries → Finance and insurance → Printing and copying	0.0000	1.6641	0.0001	2.3
Coal and petroleum	0.1022	Seafood processing → Wild fisheries → Coal and petroleum	0.0487	1.1734	0.0571	55.9
		Seafood processing → Transportation → Coal and petroleum	0.0076	1.2170	0.0093	9.1
		Seafood processing → Coal and petroleum	0.0072	1.1551	0.0084	8.2
		Seafood processing → Chemical products → Coal and petroleum	0.0025	1.7086	0.0043	4.2
		Seafood processing → Aquaculture → Coal and petroleum	0.0029	1.2419	0.0036	3.5
		Seafood processing → Wild fisheries → Transportation → Coal and petroleum	0.0027	1.2363	0.0034	3.3
		Seafood processing → Wholesale and retail → Coal and petroleum	0.0022	1.1891	0.0026	2.6
Chemical products	0.0885	Seafood processing → Chemical products	0.0257	1.6351	0.0419	47.4
		Seafood processing → Wild fisheries → Chemical products	0.0103	1.6610	0.0170	19.3
		Seafood processing → Aquaculture → Chemical products	0.0027	1.7580	0.0048	5.4
		Seafood processing → Wild fisheries → Wood and paper → Chemical products	0.0010	2.1705	0.0021	2.3
		Seafood processing → Wild fisheries → Coal and petroleum → Chemical products	0.0012	1.7356	0.0020	2.3
Non-metallic mineral products	0.0021	Seafood processing → Chemical products → Non-metallic mineral products	0.0001	1.8070	0.0002	8.3
		Seafood processing → Wild fisheries → Electric and electronic equipment → Non-metallic mineral products	0.0001	1.6652	0.0001	6.9
		Seafood processing → Food and beverage → Non-metallic mineral products	0.0001	1.4420	0.0001	6.2
		Seafood processing → Non-metallic mineral products	0.0001	1.2167	0.0001	5.6
		Seafood processing → Wild fisheries → Wood and paper → Non-metallic mineral products	0.0001	1.6164	0.0001	4.4
		Seafood processing → Wild fisheries → Non-metallic mineral products	0.0001	1.2360	0.0001	4.1
		Seafood processing → Wild fisheries → Chemical products → Non-metallic mineral products	0.0000	1.8356	0.0001	3.4
		Seafood processing → Aquaculture → Food and beverage → Non-metallic mineral products	0.0000	1.5503	0.0001	3.0
		Seafood processing → Wild fisheries → Transport equipment → Non-metallic mineral products	0.0000	1.7121	0.0001	2.8
		Seafood processing → Wood and paper → Non-metallic mineral products	0.0000	1.5912	0.0001	2.7
Primary metal products	0.0198	Seafood processing → Metal products → Primary metal products	0.0021	2.4026	0.0049	25.0
		Seafood processing → Wild fisheries → Transport equipment → Primary metal products	0.0007	2.9408	0.0020	10.1

		Seafood processing → Wild fisheries → General machinery → Primary metal products	0.0005	2.5930	0.0012	6.0
		Seafood processing → Wild fisheries → Primary metal products	0.0004	2.1236	0.0008	4.1
		Seafood processing → General machinery → Primary metal products	0.0003	2.5526	0.0008	4.0
		Seafood processing → Aquaculture → Transport equipment → Primary metal products	0.0002	3.1125	0.0006	3.0
		Seafood processing → Transportation → Transport equipment → Primary metal products	0.0001	3.0552	0.0004	2.3
		Seafood processing → Primary metal products	0.0000	2.0905	0.0000	0.0
Metal products	0.0151	Seafood processing → Metal products	0.0068	1.2691	0.0087	57.6
		Seafood processing → Wild fisheries → Transport equipment → Metal products	0.0003	1.7855	0.0005	3.4
		Seafood processing → Wild fisheries → Coal and petroleum → Metal products	0.0003	1.3524	0.0004	2.9
		Seafood processing → Wild fisheries → Metal products	0.0003	1.2892	0.0004	2.4
		Seafood processing → Food and beverage → Metal products	0.0002	1.5041	0.0003	2.2
		Seafood processing → Chemical products → Metal products	0.0002	1.8838	0.0003	2.1
		Seafood processing → Wild fisheries → General machinery → Metal products	0.0002	1.5739	0.0003	2.1
General machinery	0.0121	Seafood processing → Wild fisheries → General machinery	0.0031	1.3680	0.0043	35.2
		Seafood processing → General machinery	0.0021	1.3467	0.0028	23.4
		Seafood processing → Wild fisheries → Transport equipment → General machinery	0.0003	1.8940	0.0006	5.1
		Seafood processing → Aquaculture → General machinery	0.0003	1.4478	0.0004	3.3
		Seafood processing → Wild fisheries → Coal and petroleum → General machinery	0.0003	1.4353	0.0004	3.2
		Seafood processing → Chemical products → General machinery	0.0002	1.9992	0.0004	3.2
Electric and electronic equipment	0.0130	Seafood processing → Wild fisheries → Electric and electronic equipment	0.0036	1.5068	0.0054	41.7
		Seafood processing → Electric and electronic equipment	0.0006	1.4833	0.0008	6.4
		Seafood processing → Wild fisheries → Transport equipment → Electric and electronic equipment	0.0003	2.0873	0.0006	4.8
		Seafood processing → Wholesale and retail → Electric and electronic equipment	0.0004	1.5270	0.0006	4.3
		Seafood processing → Wild fisheries → General machinery → Electric and electronic equipment	0.0002	1.8410	0.0003	2.4
		Seafood processing → Wholesale and retail → Telecommunications and broadcasting → Electric and electronic equipment	0.0002	1.7507	0.0003	2.3
Precision instruments	0.0015	Seafood processing → Wild fisheries → Precision instruments	0.0005	1.1725	0.0006	39.2
		Seafood processing → Precision instruments	0.0001	1.1542	0.0001	8.2
		Seafood processing → Wild fisheries → Coal and petroleum → Precision instruments	0.0000	1.2305	0.0001	3.5

		Seafood processing → Wild fisheries → General machinery → Precision instruments	0.0000	1.4343	0.0000	3.0
		Seafood processing → Wild fisheries → Transport equipment → Precision instruments	0.0000	1.6243	0.0000	2.8
		Seafood processing → Wild fisheries → Electric and electronic equipment → Precision instruments	0.0000	1.5785	0.0000	2.1
		Seafood processing → Wholesale and retail → Precision instruments	0.0000	1.1887	0.0000	2.0
		Seafood processing → General machinery → Precision instruments	0.0000	1.4119	0.0000	2.0
Transport equipment	0.0291	Seafood processing → Wild fisheries → Transport equipment	0.0097	1.5490	0.0150	51.6
		Seafood processing → Aquaculture → Transport equipment	0.0027	1.6394	0.0045	15.5
		Seafood processing → Transportation → Transport equipment	0.0021	1.6094	0.0034	11.6
		Seafood processing → Transport equipment	0.0012	1.5248	0.0018	6.3
		Seafood processing → Wild fisheries → Transportation → Transport equipment	0.0008	1.6349	0.0012	4.2
Other manufacturing	0.0019	Seafood processing → Wild fisheries → Transport equipment → Other manufacturing	0.0002	1.6730	0.0003	15.4
		Seafood processing → Wild fisheries → Other manufacturing	0.0002	1.2078	0.0002	10.3
		Seafood processing → Wholesale and retail → Other manufacturing	0.0001	1.2243	0.0002	9.1
		Seafood processing → Aquaculture → Transport equipment → Other manufacturing	0.0000	1.7707	0.0001	4.6
		Seafood processing → Office supplies → Other manufacturing	0.0001	1.1916	0.0001	4.6
		Seafood processing → Other manufacturing	0.0001	1.1889	0.0001	4.4
		Seafood processing → Wild fisheries → Textile and leather → Other manufacturing	0.0001	1.5504	0.0001	4.3
		Seafood processing → Transportation → Transport equipment → Other manufacturing	0.0000	1.7382	0.0001	3.5
		Seafood processing → Aquaculture → Textile and leather → Other manufacturing	0.0000	1.6409	0.0001	2.9
Electricity, gas, and water	0.0248	Seafood processing → Electricity, gas, and water	0.0057	1.3283	0.0076	30.8
		Seafood processing → Wholesale and retail → Electricity, gas, and water	0.0018	1.3678	0.0024	9.7
		Seafood processing → Aquaculture → Electricity, gas, and water	0.0014	1.4281	0.0020	8.1
		Seafood processing → Wild fisheries → Coal and petroleum → Electricity, gas, and water	0.0007	1.4149	0.0011	4.3
		Seafood processing → Wild fisheries → Wood and paper → Electricity, gas, and water	0.0005	1.7648	0.0009	3.5
		Seafood processing → Chemical products → Electricity, gas, and water	0.0004	1.9723	0.0007	3.0
		Seafood processing → Transportation → Electricity, gas, and water	0.0005	1.4039	0.0007	2.7
		Seafood processing → Wood and paper → Electricity, gas, and water	0.0003	1.7373	0.0006	2.2
		Seafood processing → Wild fisheries → Electricity, gas, and water	0.0004	1.3494	0.0005	2.2
Construction	0.0026	Seafood processing → Real estate and business services → Construction	0.0002	1.2069	0.0003	11.5

		Seafood processing → Wholesale and retail → Real estate and business services → Construction	0.0002	1.2403	0.0003	10.8
		Seafood processing → Aquaculture → Construction	0.0002	1.1872	0.0003	10.7
		Seafood processing → Wild fisheries → Real estate and business services → Construction	0.0002	1.2260	0.0002	9.1
		Seafood processing → Construction	0.0002	1.1042	0.0002	8.0
		Seafood processing → Wholesale and retail → Construction	0.0001	1.1370	0.0001	5.0
		Seafood processing → Wild fisheries → Construction	0.0001	1.1217	0.0001	3.0
		Seafood processing → Transportation → Real estate and business services → Construction	0.0000	1.2745	0.0001	2.1
Wholesale and retail	0.1220	Seafood processing → Wholesale and retail	0.0835	1.1336	0.0946	77.6
		Seafood processing → Wild fisheries → Wholesale and retail	0.0082	1.1516	0.0095	7.8
		Seafood processing → Aquaculture → Wholesale and retail	0.0028	1.2188	0.0034	2.8
Transportation	0.0847	Seafood processing → Transportation	0.0411	1.1634	0.0478	56.4
		Seafood processing → Wild fisheries → Transportation	0.0148	1.1818	0.0174	20.6
		Seafood processing → Wholesale and retail → Transportation	0.0062	1.1960	0.0074	8.7
Telecommunications and broadcasting	0.0156	Seafood processing → Wholesale and retail → Telecommunications and broadcasting	0.0042	1.3002	0.0055	35.1
		Seafood processing → Telecommunications and broadcasting	0.0023	1.2710	0.0029	18.5
		Seafood processing → Wild fisheries → Telecommunications and broadcasting	0.0004	1.2912	0.0006	3.6
		Seafood processing → Wild fisheries → Wholesale and retail → Telecommunications and broadcasting	0.0004	1.3208	0.0005	3.5
		Seafood processing → Finance and insurance → Telecommunications and broadcasting	0.0002	1.6703	0.0004	2.6
		Seafood processing → Aquaculture → Telecommunications and broadcasting	0.0003	1.3665	0.0004	2.6
		Seafood processing → Real estate and business services → Telecommunications and broadcasting	0.0003	1.3849	0.0004	2.3
		Seafood processing → Wild fisheries → Finance and insurance → Telecommunications and broadcasting	0.0002	1.6968	0.0003	2.2
		Seafood processing → Wholesale and retail → Real estate and business services → Telecommunications and broadcasting	0.0002	1.4145	0.0003	2.2
Finance and insurance	0.0479	Seafood processing → Finance and insurance	0.0101	1.4484	0.0146	30.5
		Seafood processing → Wild fisheries → Finance and insurance	0.0086	1.4713	0.0126	26.3
		Seafood processing → Wholesale and retail → Finance and insurance	0.0026	1.4910	0.0039	8.2
		Seafood processing → Aquaculture → Finance and insurance	0.0017	1.5572	0.0027	5.7
		Seafood processing → Transportation → Finance and insurance	0.0013	1.5298	0.0019	4.0

Real estate and business services	0.0574	Seafood processing → Real estate and business services	0.0098	1.2060	0.0119	20.6
		Seafood processing → Wholesale and retail → Real estate and business services	0.0089	1.2395	0.0111	19.3
		Seafood processing → Wild fisheries → Real estate and business services	0.0076	1.2251	0.0094	16.3
		Seafood processing → Transportation → Real estate and business services	0.0017	1.2736	0.0021	3.7
		Seafood processing → Chemical products → Real estate and business services	0.0007	1.7901	0.0013	2.2
		Seafood processing → Finance and insurance → Real estate and business services	0.0008	1.5762	0.0012	2.1
Public administration and defense	0.0006	Seafood processing → Transportation → Public administration and defense	0.0003	1.1634	0.0003	56.4
		Seafood processing → Wild fisheries → Transportation → Public administration and defense	0.0001	1.1818	0.0001	20.6
		Seafood processing → Wholesale and retail → Transportation → Public administration and defense	0.0000	1.1960	0.0001	8.7
Educational and health services	0.0079	Seafood processing → Educational and health services	0.0019	1.1235	0.0021	27.2
		Seafood processing → Aquaculture → Educational and health services	0.0014	1.2079	0.0018	22.2
		Seafood processing → Wild fisheries → Educational and health services	0.0011	1.1413	0.0012	15.5
		Seafood processing → Wholesale and retail → Educational and health services	0.0005	1.1570	0.0006	7.3
		Seafood processing → Transportation → Educational and health services	0.0002	1.1875	0.0002	2.4
Social and other services	0.0047	Seafood processing → Social and other services	0.0008	1.1559	0.0009	18.8
		Seafood processing → Wild fisheries → Social and other services	0.0004	1.1742	0.0005	10.8
		Seafood processing → Wholesale and retail → Social and other services	0.0003	1.1902	0.0004	8.6
		Seafood processing → Transportation → Social and other services	0.0003	1.2216	0.0003	6.9
		Seafood processing → Real estate and business services → Social and other services	0.0001	1.2640	0.0002	3.5
		Seafood processing → Aquaculture → Social and other services	0.0001	1.2428	0.0002	3.4
		Seafood processing → Wholesale and retail → Telecommunications and broadcasting → Social and other services	0.0001	1.3641	0.0002	3.3
		Seafood processing → Wholesale and retail → Real estate and business services → Social and other services	0.0001	1.2988	0.0002	3.3
		Seafood processing → Wild fisheries → Real estate and business services → Social and other services	0.0001	1.2840	0.0001	2.8
		Seafood processing → Wild fisheries → Transportation → Social and other services	0.0001	1.2410	0.0001	2.5
Office supplies	0.0018	Seafood processing → Office supplies	0.0006	1.1034	0.0007	36.5
		Seafood processing → Wholesale and retail → Office supplies	0.0001	1.1358	0.0002	9.1
		Seafood processing → Wild fisheries → Office supplies	0.0001	1.1209	0.0002	8.7

		Seafood processing → Aquaculture → Office supplies	0.0001	1.1864	0.0001	7.9
		Seafood processing → Real estate and business services → Office supplies	0.0000	1.2088	0.0000	2.0

Table B.4 Forward linkage SPA: Wild fisheries

Destination	Global Influence	Elementary Paths	Direct Influence	Path Multiplier	Total Influence	TG ratio (in %)
Wild fisheries	1.0159	Wild fisheries → Wild fisheries	0.0156	1.0922	0.0170	1.7
Aquaculture	0.0002	Wild fisheries → Aquaculture	0.0001	1.0922	0.0001	63.0
		Wild fisheries → Seafood processing → Food and beverage → Aquaculture	0.0000	1.4246	0.0001	25.2
		Wild fisheries → Food and beverage → Aquaculture	0.0000	1.2946	0.0000	8.6
Agriculture and forestry	0.0028	Wild fisheries → Seafood processing → Food and beverage → Agriculture and forestry	0.0015	1.3910	0.0021	73.8
		Wild fisheries → Food and beverage → Agriculture and forestry	0.0006	1.2640	0.0007	25.3
Mineral products	0.0000	Wild fisheries → Seafood processing → Chemical products → Mineral products	0.0000	1.6617	0.0000	13.2
		Wild fisheries → Other manufacturing → Transport equipment → Mineral products	0.0000	1.5208	0.0000	9.3
		Wild fisheries → Real estate and business services → Mineral products	0.0000	1.1137	0.0000	8.6
		Wild fisheries → Seafood processing → Real estate and business services → Mineral products	0.0000	1.2257	0.0000	7.1
		Wild fisheries → Chemical products → Mineral products	0.0000	1.5099	0.0000	5.6
		Wild fisheries → Seafood processing → Food and beverage → Agriculture and forestry → Mineral products	0.0000	1.3917	0.0000	4.6
		Wild fisheries → Seafood processing → Food and beverage → Chemical products → Mineral products	0.0000	1.9689	0.0000	4.4
		Wild fisheries → Real estate and business services → Transportation → Mineral products	0.0000	1.1760	0.0000	2.2
Seafood processing	0.5065	Wild fisheries → Seafood processing	0.4529	1.1181	0.5064	100.0
Food and beverage	0.0313	Wild fisheries → Seafood processing → Food and beverage	0.0176	1.3251	0.0233	74.3
		Wild fisheries → Food and beverage	0.0066	1.2041	0.0080	25.4
Textile and leather	0.0001	Wild fisheries → Other manufacturing → Textile and leather	0.0000	1.4087	0.0000	27.5
		Wild fisheries → Seafood processing → Chemical products → Textile and leather	0.0000	2.1323	0.0000	15.5
		Wild fisheries → Seafood processing → Food and beverage → Textile and leather	0.0000	1.7028	0.0000	14.3
		Wild fisheries → Chemical products → Textile and leather	0.0000	1.9375	0.0000	6.6
		Wild fisheries → Real estate and business services → Textile and leather	0.0000	1.4302	0.0000	5.6
		Wild fisheries → Seafood processing → Food and beverage → Chemical products → Textile and leather	0.0000	2.5265	0.0000	5.2
		Wild fisheries → Food and beverage → Textile and leather	0.0000	1.5473	0.0000	4.9
		Wild fisheries → Seafood processing → Real estate and business services → Textile and leather	0.0000	1.5741	0.0000	4.6

		Wild fisheries → Textile and leather	0.0000	1.3054	0.0000	1.0
Wood and paper	0.0000	Wild fisheries → Seafood processing → Food and beverage → Wood and paper	0.0000	1.7330	0.0000	21.5
		Wild fisheries → Seafood processing → Food and beverage → Agriculture and forestry → Wood and paper	0.0000	1.8191	0.0000	18.8
		Wild fisheries → Seafood processing → Chemical products → Wood and paper	0.0000	2.1705	0.0000	12.0
		Wild fisheries → Food and beverage → Wood and paper	0.0000	1.5748	0.0000	7.4
		Wild fisheries → Food and beverage → Agriculture and forestry → Wood and paper	0.0000	1.6530	0.0000	6.4
		Wild fisheries → Chemical products → Wood and paper	0.0000	1.9721	0.0000	5.1
		Wild fisheries → Real estate and business services → Wood and paper	0.0000	1.4556	0.0000	4.0
		Wild fisheries → Seafood processing → Food and beverage → Chemical products → Wood and paper	0.0000	2.5716	0.0000	4.0
		Wild fisheries → Seafood processing → Real estate and business services → Wood and paper	0.0000	1.6020	0.0000	3.3
Printing and copying	0.0000	Wild fisheries → Seafood processing → Chemical products → Printing and copying	0.0000	1.8784	0.0000	15.0
		Wild fisheries → Real estate and business services → Printing and copying	0.0000	1.2586	0.0000	9.5
		Wild fisheries → Social and other services → Printing and copying	0.0000	1.2062	0.0000	8.8
		Wild fisheries → Seafood processing → Real estate and business services → Printing and copying	0.0000	1.3851	0.0000	7.8
		Wild fisheries → Chemical products → Printing and copying	0.0000	1.7067	0.0000	6.3
		Wild fisheries → Seafood processing → Food and beverage → Chemical products → Printing and copying	0.0000	2.2257	0.0000	5.0
		Wild fisheries → Seafood processing → Food and beverage → Wood and paper → Printing and copying	0.0000	1.9583	0.0000	4.6
		Wild fisheries → Seafood processing → Food and beverage → Agriculture and forestry → Wood and paper → Printing and copying	0.0000	2.0556	0.0000	4.0
		Wild fisheries → Seafood processing → Chemical products → Wood and paper → Printing and copying	0.0000	2.4520	0.0000	2.6
		Wild fisheries → Seafood processing → Social and other services → Printing and copying	0.0000	1.3275	0.0000	2.6
		Wild fisheries → Other manufacturing → Office supplies → Printing and copying	0.0000	1.2433	0.0000	2.4
Coal and petroleum	4.75E-05	Wild fisheries → Seafood processing → Chemical products → Coal and petroleum	0.0000	1.7356	0.0000	21.7
		Wild fisheries → Real estate and business services → Coal and petroleum	0.0000	1.1678	0.0000	15.5
		Wild fisheries → Seafood processing → Real estate and business services → Coal and petroleum	0.0000	1.2852	0.0000	12.7
		Wild fisheries → Chemical products → Coal and petroleum	0.0000	1.5770	0.0000	9.2
		Wild fisheries → Seafood processing → Food and beverage → Chemical products → Coal and petroleum	0.0000	2.0565	0.0000	7.2

		Wild fisheries → Food and beverage → Chemical products → Coal and petroleum	0.0000	1.8688	0.0000	2.5
		Wild fisheries → Seafood processing → Food and beverage → Coal and petroleum	0.0000	1.3907	0.0000	2.2
Chemical products	0.0013	Wild fisheries → Seafood processing → Chemical products	0.0004	1.6610	0.0006	48.2
		Wild fisheries → Chemical products	0.0002	1.5092	0.0003	20.3
		Wild fisheries → Seafood processing → Food and beverage → Chemical products	0.0001	1.9681	0.0002	16.0
		Wild fisheries → Food and beverage → Chemical products	0.0000	1.7884	0.0001	5.5
		Wild fisheries → Real estate and business services → Chemical products	0.0000	1.6523	0.0000	2.2
Non-metallic mineral products	0.0000	Wild fisheries → Real estate and business services → Non-metallic mineral products	0.0000	1.2303	0.0000	12.1
		Wild fisheries → Seafood processing → Chemical products → Non-metallic mineral products	0.0000	1.8356	0.0000	11.4
		Wild fisheries → Seafood processing → Real estate and business services → Non-metallic mineral products	0.0000	1.3540	0.0000	9.9
		Wild fisheries → Seafood processing → Food and beverage → Non-metallic mineral products	0.0000	1.4648	0.0000	8.0
		Wild fisheries → Chemical products → Non-metallic mineral products	0.0000	1.6679	0.0000	4.8
		Wild fisheries → Seafood processing → Food and beverage → Chemical products → Non-metallic mineral products	0.0000	2.1750	0.0000	3.8
		Wild fisheries → Food and beverage → Non-metallic mineral products	0.0000	1.3311	0.0000	2.7
Primary metal products	0.0001	Wild fisheries → Real estate and business services → Primary metal products	0.0000	2.1136	0.0000	20.8
		Wild fisheries → Seafood processing → Real estate and business services → Primary metal products	0.0000	2.3262	0.0000	17.0
		Wild fisheries → Seafood processing → Chemical products → Primary metal products	0.0000	3.1540	0.0000	9.5
		Wild fisheries → Chemical products → Primary metal products	0.0000	2.8658	0.0000	4.0
		Wild fisheries → Seafood processing → Food and beverage → Chemical products → Primary metal products	0.0000	3.7371	0.0000	3.2
		Wild fisheries → Real estate and business services → Wholesale and retail → Primary metal products	0.0000	2.1721	0.0000	2.6
		Wild fisheries → Seafood processing → Real estate and business services → Wholesale and retail → Primary metal products	0.0000	2.3905	0.0000	2.1
Metal products	0.0000	Wild fisheries → Seafood processing → Chemical products → Metal products	0.0000	1.9137	0.0000	18.0
		Wild fisheries → Real estate and business services → Metal products	0.0000	1.2831	0.0000	10.0
		Wild fisheries → Seafood processing → Real estate and business services → Metal products	0.0000	1.4122	0.0000	8.2
		Wild fisheries → Chemical products → Metal products	0.0000	1.7388	0.0000	7.6
		Wild fisheries → Seafood processing → Food and beverage → Chemical products → Metal products	0.0000	2.2675	0.0000	6.0

		Wild fisheries → Real estate and business services → Primary metal products → Metal products	0.0000	2.4286	0.0000	4.1
		Wild fisheries → Seafood processing → Real estate and business services → Primary metal products → Metal products	0.0000	2.6729	0.0000	3.4
		Wild fisheries → Food and beverage → Chemical products → Metal products	0.0000	2.0605	0.0000	2.1
General machinery	0.0001	Wild fisheries → Real estate and business services → General machinery	0.0000	1.3615	0.0000	16.2
		Wild fisheries → Seafood processing → Real estate and business services → General machinery	0.0000	1.4984	0.0000	13.3
		Wild fisheries → Seafood processing → Chemical products → General machinery	0.0000	2.0308	0.0000	11.1
		Wild fisheries → Chemical products → General machinery	0.0000	1.8452	0.0000	4.7
		Wild fisheries → Seafood processing → Food and beverage → Chemical products → General machinery	0.0000	2.4063	0.0000	3.7
		Wild fisheries → Other manufacturing → General machinery	0.0000	1.3427	0.0000	2.9
Electric and electronic equipment	0.0003	Wild fisheries → Real estate and business services → Electric and electronic equipment	0.0000	1.4976	0.0001	24.8
		Wild fisheries → Seafood processing → Real estate and business services → Electric and electronic equipment	0.0000	1.6482	0.0001	20.3
		Wild fisheries → Seafood processing → Chemical products → Electric and electronic equipment	0.0000	2.2379	0.0000	14.6
		Wild fisheries → Chemical products → Electric and electronic equipment	0.0000	2.0334	0.0000	6.2
		Wild fisheries → Seafood processing → Food and beverage → Chemical products → Electric and electronic equipment	0.0000	2.6516	0.0000	4.9
Precision instruments	0.0000	Wild fisheries → Real estate and business services → Precision instruments	0.0000	1.1669	0.0000	20.4
		Wild fisheries → Seafood processing → Real estate and business services → Precision instruments	0.0000	1.2843	0.0000	16.7
		Wild fisheries → Seafood processing → Chemical products → Precision instruments	0.0000	1.7416	0.0000	16.5
		Wild fisheries → Chemical products → Precision instruments	0.0000	1.5824	0.0000	7.0
		Wild fisheries → Seafood processing → Food and beverage → Chemical products → Precision instruments	0.0000	2.0636	0.0000	5.5
		Wild fisheries → Other manufacturing → Precision instruments	0.0000	1.1508	0.0000	3.3
		Wild fisheries → Real estate and business services → Electric and electronic equipment → Precision instruments	0.0000	1.5684	0.0000	2.1
Transport equipment	0.0005	Wild fisheries → Other manufacturing → Transport equipment	0.0002	1.5201	0.0003	61.3
		Wild fisheries → Seafood processing → Chemical products → Transport equipment	0.0000	2.3002	0.0000	9.0
		Wild fisheries → Real estate and business services → Transport equipment	0.0000	1.5417	0.0000	4.6
		Wild fisheries → Chemical products → Transport equipment	0.0000	2.0900	0.0000	3.8

		Wild fisheries → Seafood processing → Real estate and business services → Transport equipment	0.0000	1.6968	0.0000	3.7
		Wild fisheries → Seafood processing → Food and beverage → Chemical products → Transport equipment	0.0000	2.7254	0.0000	3.0
Other manufacturing	0.0011	Wild fisheries → Other manufacturing	0.0010	1.0974	0.0011	98.0
Electricity, gas, and water	0.0000	Wild fisheries → Real estate and business services → Electricity, gas, and water	0.0000	1.3422	0.0000	26.5
		Wild fisheries → Seafood processing → Real estate and business services → Electricity, gas, and water	0.0000	1.4772	0.0000	21.7
		Wild fisheries → Seafood processing → Chemical products → Electricity, gas, and water	0.0000	2.0036	0.0000	12.4
		Wild fisheries → Chemical products → Electricity, gas, and water	0.0000	1.8205	0.0000	5.2
		Wild fisheries → Seafood processing → Food and beverage → Chemical products → Electricity, gas, and water	0.0000	2.3740	0.0000	4.1
Construction	0.0002	Wild fisheries → Other manufacturing → Construction	0.0001	1.1010	0.0001	27.8
		Wild fisheries → Real estate and business services → Construction	0.0000	1.1140	0.0000	12.0
		Wild fisheries → Seafood processing → Real estate and business services → Construction	0.0000	1.2260	0.0000	9.8
		Wild fisheries → Seafood processing → Food and beverage → Agriculture and forestry → Construction	0.0000	1.3955	0.0000	6.4
		Wild fisheries → Seafood processing → Chemical products → Construction	0.0000	1.6663	0.0000	6.1
		Wild fisheries → Chemical products → Construction	0.0000	1.5140	0.0000	2.6
		Wild fisheries → Food and beverage → Agriculture and forestry → Construction	0.0000	1.2681	0.0000	2.2
		Wild fisheries → Seafood processing → Food and beverage → Chemical products → Construction	0.0000	1.9743	0.0000	2.0
Wholesale and retail	0.0002	Wild fisheries → Real estate and business services → Wholesale and retail	0.0000	1.1441	0.0000	30.2
		Wild fisheries → Seafood processing → Real estate and business services → Wholesale and retail	0.0000	1.2591	0.0000	24.8
		Wild fisheries → Other manufacturing → Wholesale and retail	0.0000	1.1300	0.0000	10.1
		Wild fisheries → Real estate and business services → Telecommunications and broadcasting → Wholesale and retail	0.0000	1.3056	0.0000	2.1
Food service	0.2704	Wild fisheries → Food service	0.1411	1.0159	0.1433	53.0
		Wild fisheries → Seafood processing → Food service	0.1069	1.1181	0.1195	44.2
Transportation	0.0001	Wild fisheries → Real estate and business services → Transportation	0.0000	1.1755	0.0000	19.5
		Wild fisheries → Seafood processing → Real estate and business services → Transportation	0.0000	1.2938	0.0000	15.9
		Wild fisheries → Other manufacturing → Transport equipment → Transportation	0.0000	1.6044	0.0000	12.8
		Wild fisheries → Social and other services → Transportation	0.0000	1.1276	0.0000	4.2

		Wild fisheries → Seafood processing → Chemical products → Transportation	0.0000	1.7543	0.0000	3.8
		Wild fisheries → Other manufacturing → Transportation	0.0000	1.1599	0.0000	3.4
Telecommunications and broadcasting	0.0001	Wild fisheries → Real estate and business services → Telecommunications and broadcasting	0.0000	1.2782	0.0000	28.8
		Wild fisheries → Seafood processing → Real estate and business services → Telecommunications and broadcasting	0.0000	1.4068	0.0000	23.6
		Wild fisheries → Other manufacturing → Telecommunications and broadcasting	0.0000	1.2672	0.0000	10.7
		Wild fisheries → Social and other services → Telecommunications and broadcasting	0.0000	1.2312	0.0000	8.4
		Wild fisheries → Seafood processing → Social and other services → Telecommunications and broadcasting	0.0000	1.3550	0.0000	2.4
		Wild fisheries → Real estate and business services → Wholesale and retail → Telecommunications and broadcasting	0.0000	1.3056	0.0000	2.4
Finance and insurance	0.0001	Wild fisheries → Real estate and business services → Finance and insurance	0.0000	1.4549	0.0000	37.5
		Wild fisheries → Seafood processing → Real estate and business services → Finance and insurance	0.0000	1.6012	0.0000	30.7
		Wild fisheries → Other manufacturing → Finance and insurance	0.0000	1.4440	0.0000	8.3
		Wild fisheries → Social and other services → Finance and insurance	0.0000	1.4037	0.0000	2.0
Real estate and business services	0.0015	Wild fisheries → Real estate and business services	0.0007	1.1131	0.0007	50.6
		Wild fisheries → Seafood processing → Real estate and business services	0.0005	1.2251	0.0006	41.5
Public administration and defense	0.0001	Wild fisheries → Seafood processing → Food and beverage → Agriculture and forestry → Public administration and defense	0.0000	1.3912	0.0000	14.8
		Wild fisheries → Real estate and business services → Public administration and defense	0.0000	1.1133	0.0000	14.8
		Wild fisheries → Seafood processing → Real estate and business services → Public administration and defense	0.0000	1.2253	0.0000	12.1
		Wild fisheries → Other manufacturing → Public administration and defense	0.0000	1.0975	0.0000	9.5
		Wild fisheries → Seafood processing → Food and beverage → Public administration and defense	0.0000	1.3253	0.0000	8.8
		Wild fisheries → Food and beverage → Agriculture and forestry → Public administration and defense	0.0000	1.2642	0.0000	5.1
		Wild fisheries → Food and beverage → Public administration and defense	0.0000	1.2043	0.0000	3.0
		Wild fisheries → Other manufacturing → Transport equipment → Public administration and defense	0.0000	1.5203	0.0000	2.2
		Wild fisheries → Social and other services → Public administration and defense	0.0000	1.0671	0.0000	2.0
Educational and health services	0.0003	Wild fisheries → Other manufacturing → Educational and health services	0.0001	1.1202	0.0001	20.5
		Wild fisheries → Educational and health services	0.0000	1.0370	0.0000	12.9

		Wild fisheries → Seafood processing → Chemical products → Educational and health services	0.0000	1.6947	0.0000	10.2
		Wild fisheries → Seafood processing → Food and beverage → Agriculture and forestry → Educational and health services	0.0000	1.4199	0.0000	8.4
		Wild fisheries → Seafood processing → Food and beverage → Educational and health services	0.0000	1.3526	0.0000	6.7
		Wild fisheries → Real estate and business services → Educational and health services	0.0000	1.1359	0.0000	6.5
		Wild fisheries → Seafood processing → Real estate and business services → Educational and health services	0.0000	1.2501	0.0000	5.4
		Wild fisheries → Chemical products → Educational and health services	0.0000	1.5398	0.0000	4.3
		Wild fisheries → Seafood processing → Food and beverage → Chemical products → Educational and health services	0.0000	2.0080	0.0000	3.4
		Wild fisheries → Food and beverage → Agriculture and forestry → Educational and health services	0.0000	1.2902	0.0000	2.9
		Wild fisheries → Other manufacturing → Office supplies → Educational and health services	0.0000	1.1226	0.0000	2.3
		Wild fisheries → Food and beverage → Educational and health services	0.0000	1.2292	0.0000	2.3
Social and other services	0.0006	Wild fisheries → Social and other services	0.0003	1.0669	0.0003	52.5
		Wild fisheries → Seafood processing → Social and other services	0.0001	1.1742	0.0001	15.1
		Wild fisheries → Seafood processing → Food and beverage → Social and other services	0.0000	1.3917	0.0000	8.4
		Wild fisheries → Other manufacturing → Social and other services	0.0000	1.1525	0.0000	6.1
		Wild fisheries → Real estate and business services → Social and other services	0.0000	1.1666	0.0000	4.0
		Wild fisheries → Seafood processing → Real estate and business services → Social and other services	0.0000	1.2840	0.0000	3.2
		Wild fisheries → Food and beverage → Social and other services	0.0000	1.2646	0.0000	2.9
Office supplies	3.49E-05	Wild fisheries → Other manufacturing → Office supplies	0.0000	1.0998	0.0000	82.5
		Wild fisheries → Seafood processing → Chemical products → Office supplies	0.0000	1.6649	0.0000	2.6

Table B.5 Forward linkage SPA: Aquaculture

Destination	Global Influence	Elementary Paths	Direct Influence	Path Multiplier	Total Influence	TG ratio (in %)
Wild fisheries	0.0000	Aquaculture → Seafood processing → Food and beverage → Wild fisheries	0.0000	1.4246	0.0000	50.2
		Aquaculture → Food and beverage → Wild fisheries	0.0000	1.2946	0.0000	14.4
		Aquaculture → Seafood processing → Food and beverage → Agriculture and forestry → Wild fisheries	0.0000	1.4955	0.0000	7.9
		Aquaculture → Real estate and business services → Wild fisheries	0.0000	1.1968	0.0000	4.4
		Aquaculture → Chemical products → Wild fisheries	0.0000	1.6227	0.0000	2.8
		Aquaculture → Food and beverage → Agriculture and forestry → Wild fisheries	0.0000	1.3589	0.0000	2.3
		Aquaculture → Other manufacturing → Transport equipment → Wild fisheries	0.0000	1.6344	0.0000	2.1
Aquaculture	1.0752	Aquaculture → Aquaculture	0.0699	1.1911	0.0832	7.7
Agriculture and forestry	0.0019	Aquaculture → Seafood processing → Food and beverage → Agriculture and forestry	0.0010	1.4722	0.0015	75.9
		Aquaculture → Food and beverage → Agriculture and forestry	0.0003	1.3377	0.0004	21.8
Mineral products	0.0000	Aquaculture → Real estate and business services → Mineral products	0.0000	1.1787	0.0000	15.8
		Aquaculture → Chemical products → Mineral products	0.0000	1.5980	0.0000	12.7
		Aquaculture → Other manufacturing → Transport equipment → Mineral products	0.0000	1.6096	0.0000	12.1
		Aquaculture → Seafood processing → Chemical products → Mineral products	0.0000	1.7587	0.0000	5.1
		Aquaculture → Real estate and business services → Transportation → Mineral products	0.0000	1.2447	0.0000	4.0
		Aquaculture → Social and other services → Mineral products	0.0000	1.1298	0.0000	3.2
		Aquaculture → Seafood processing → Real estate and business services → Mineral products	0.0000	1.2972	0.0000	2.7
		Aquaculture → Other manufacturing → Mineral products	0.0000	1.1620	0.0000	2.2
Seafood processing	0.3562	Aquaculture → Seafood processing	0.3010	1.1833	0.3561	100.0
Food and beverage	0.0212	Aquaculture → Seafood processing → Food and beverage	0.0117	1.4024	0.0164	77.2
		Aquaculture → Food and beverage	0.0037	1.2744	0.0047	22.1
Textile and leather	0.0002	Aquaculture → Other manufacturing → Textile and leather	0.0000	1.4910	0.0001	39.2
		Aquaculture → Chemical products → Textile and leather	0.0000	2.0506	0.0000	16.3
		Aquaculture → Real estate and business services → Textile and leather	0.0000	1.5137	0.0000	11.1
		Aquaculture → Seafood processing → Chemical products → Textile and leather	0.0000	2.2568	0.0000	6.5
		Aquaculture → Seafood processing → Food and beverage → Textile and leather	0.0000	1.8021	0.0000	6.0

		Aquaculture → Seafood processing → Food and beverage → Chemical products → Textile and leather	0.0000	2.6740	0.0000	2.2
Wood and paper	0.0001	Aquaculture → Chemical products → Wood and paper	0.0000	2.0873	0.0000	17.9
		Aquaculture → Seafood processing → Food and beverage → Wood and paper	0.0000	1.8342	0.0000	12.8
		Aquaculture → Real estate and business services → Wood and paper	0.0000	1.5406	0.0000	11.5
		Aquaculture → Seafood processing → Food and beverage → Agriculture and forestry → Wood and paper	0.0000	1.9253	0.0000	11.2
		Aquaculture → Seafood processing → Chemical products → Wood and paper	0.0000	2.2972	0.0000	7.2
		Aquaculture → Food and beverage → Wood and paper	0.0000	1.6667	0.0000	3.7
		Aquaculture → Other manufacturing → Wood and paper	0.0000	1.5190	0.0000	3.7
		Aquaculture → Food and beverage → Agriculture and forestry → Wood and paper	0.0000	1.7495	0.0000	3.2
		Aquaculture → Real estate and business services → Wholesale and retail → Wood and paper	0.0000	1.5819	0.0000	2.7
		Aquaculture → Seafood processing → Food and beverage → Chemical products → Wood and paper	0.0000	2.7217	0.0000	2.4
Printing and copying	0.0000	Aquaculture → Real estate and business services → Printing and copying	0.0000	1.3320	0.0000	18.2
		Aquaculture → Social and other services → Printing and copying	0.0000	1.2766	0.0000	16.5
		Aquaculture → Chemical products → Printing and copying	0.0000	1.8064	0.0000	15.0
		Aquaculture → Seafood processing → Chemical products → Printing and copying	0.0000	1.9880	0.0000	6.0
		Aquaculture → Other manufacturing → Office supplies → Printing and copying	0.0000	1.3159	0.0000	3.2
		Aquaculture → Seafood processing → Real estate and business services → Printing and copying	0.0000	1.4660	0.0000	3.1
		Aquaculture → Chemical products → Wood and paper → Printing and copying	0.0000	2.3580	0.0000	2.6
		Aquaculture → Real estate and business services → Wholesale and retail → Printing and copying	0.0000	1.3687	0.0000	2.0
Coal and petroleum	0.0001	Aquaculture → Real estate and business services → Coal and petroleum	0.0000	1.2360	0.0000	29.1
		Aquaculture → Chemical products → Coal and petroleum	0.0000	1.6691	0.0000	21.4
		Aquaculture → Seafood processing → Chemical products → Coal and petroleum	0.0000	1.8369	0.0000	8.5
		Aquaculture → Seafood processing → Real estate and business services → Coal and petroleum	0.0000	1.3603	0.0000	5.0
		Aquaculture → Social and other services → Coal and petroleum	0.0000	1.1850	0.0000	3.2
		Aquaculture → Seafood processing → Food and beverage → Chemical products → Coal and petroleum	0.0000	2.1765	0.0000	2.8
Chemical products	0.0020	Aquaculture → Chemical products	0.0007	1.5973	0.0011	56.3
		Aquaculture → Seafood processing → Chemical products	0.0003	1.7580	0.0004	22.5

		Aquaculture → Seafood processing → Food and beverage → Chemical products	0.0001	2.0830	0.0001	7.5
		Aquaculture → Real estate and business services → Chemical products	0.0001	1.7488	0.0001	4.9
		Aquaculture → Food and beverage → Chemical products	0.0000	1.8928	0.0000	2.1
Non-metallic mineral products	0.0000	Aquaculture → Real estate and business services → Non-metallic mineral products	0.0000	1.3021	0.0000	23.3
		Aquaculture → Chemical products → Non-metallic mineral products	0.0000	1.7653	0.0000	11.5
		Aquaculture → Seafood processing → Chemical products → Non-metallic mineral products	0.0000	1.9428	0.0000	4.6
		Aquaculture → Seafood processing → Real estate and business services → Non-metallic mineral products	0.0000	1.4331	0.0000	4.0
		Aquaculture → Seafood processing → Food and beverage → Non-metallic mineral products	0.0000	1.5503	0.0000	3.2
		Aquaculture → Real estate and business services → Wholesale and retail → Non-metallic mineral products	0.0000	1.3382	0.0000	3.0
		Aquaculture → Real estate and business services → Transportation → Non-metallic mineral products	0.0000	1.3749	0.0000	2.9
		Aquaculture → Social and other services → Non-metallic mineral products	0.0000	1.2483	0.0000	2.7
		Aquaculture → Other manufacturing → Transport equipment → Non-metallic mineral products	0.0000	1.7782	0.0000	2.2
Primary metal products	0.0002	Aquaculture → Real estate and business services → Primary metal products	0.0000	2.2370	0.0001	35.8
		Aquaculture → Chemical products → Primary metal products	0.0000	3.0331	0.0000	8.6
		Aquaculture → Seafood processing → Real estate and business services → Primary metal products	0.0000	2.4620	0.0000	6.2
		Aquaculture → Real estate and business services → Wholesale and retail → Primary metal products	0.0000	2.2989	0.0000	4.4
		Aquaculture → Seafood processing → Chemical products → Primary metal products	0.0000	3.3381	0.0000	3.4
		Aquaculture → Social and other services → Primary metal products	0.0000	2.1447	0.0000	2.4
Metal products	0.0001	Aquaculture → Real estate and business services → Metal products	0.0000	1.3580	0.0000	18.4
		Aquaculture → Chemical products → Metal products	0.0000	1.8403	0.0000	17.4
		Aquaculture → Real estate and business services → Primary metal products → Metal products	0.0000	2.5704	0.0000	7.6
		Aquaculture → Seafood processing → Chemical products → Metal products	0.0000	2.0254	0.0000	7.0
		Aquaculture → Seafood processing → Real estate and business services → Metal products	0.0000	1.4946	0.0000	3.2
		Aquaculture → Real estate and business services → Wholesale and retail → Metal products	0.0000	1.3955	0.0000	3.0
		Aquaculture → Seafood processing → Food and beverage → Chemical products → Metal products	0.0000	2.3998	0.0000	2.3
		Aquaculture → Other manufacturing → Office supplies → Metal products	0.0000	1.3419	0.0000	2.0
General machinery	0.0002	Aquaculture → Real estate and business services → General machinery	0.0000	1.4410	0.0001	28.3

		Aquaculture → Chemical products → General machinery	0.0000	1.9530	0.0000	10.2
		Aquaculture → Seafood processing → Real estate and business services → General machinery	0.0000	1.5859	0.0000	4.9
		Aquaculture → Seafood processing → Chemical products → General machinery	0.0000	2.1494	0.0000	4.1
		Aquaculture → Other manufacturing → General machinery	0.0000	1.4210	0.0000	3.6
		Aquaculture → Real estate and business services → Electric and electronic equipment → General machinery	0.0000	1.9359	0.0000	3.1
		Aquaculture → Real estate and business services → Wholesale and retail → General machinery	0.0000	1.4807	0.0000	3.1
		Aquaculture → Real estate and business services → Primary metal products → General machinery	0.0000	2.7306	0.0000	3.1
		Aquaculture → Other manufacturing → Transport equipment → General machinery	0.0000	1.9672	0.0000	2.1
Electric and electronic equipment	0.0005	Aquaculture → Real estate and business services → Electric and electronic equipment	0.0001	1.5850	0.0002	43.8
		Aquaculture → Chemical products → Electric and electronic equipment	0.0000	2.1521	0.0001	13.5
		Aquaculture → Seafood processing → Real estate and business services → Electric and electronic equipment	0.0000	1.7444	0.0000	7.5
		Aquaculture → Seafood processing → Chemical products → Electric and electronic equipment	0.0000	2.3685	0.0000	5.4
		Aquaculture → Real estate and business services → Wholesale and retail → Electric and electronic equipment	0.0000	1.6284	0.0000	2.5
Precision instruments	0.0000	Aquaculture → Real estate and business services → Precision instruments	0.0000	1.2351	0.0000	36.3
		Aquaculture → Chemical products → Precision instruments	0.0000	1.6748	0.0000	15.4
		Aquaculture → Seafood processing → Real estate and business services → Precision instruments	0.0000	1.3593	0.0000	6.2
		Aquaculture → Seafood processing → Chemical products → Precision instruments	0.0000	1.8433	0.0000	6.2
		Aquaculture → Other manufacturing → Precision instruments	0.0000	1.2179	0.0000	4.2
		Aquaculture → Real estate and business services → Electric and electronic equipment → Precision instruments	0.0000	1.6600	0.0000	3.7
		Aquaculture → Real estate and business services → Wholesale and retail → Precision instruments	0.0000	1.2693	0.0000	2.2
		Aquaculture → Seafood processing → Food and beverage → Chemical products → Precision instruments	0.0000	2.1840	0.0000	2.0
Transport equipment	0.0012	Aquaculture → Other manufacturing → Transport equipment	0.0005	1.6089	0.0008	68.3
		Aquaculture → Chemical products → Transport equipment	0.0000	2.2120	0.0001	7.4
		Aquaculture → Real estate and business services → Transport equipment	0.0001	1.6317	0.0001	7.1
		Aquaculture → Seafood processing → Chemical products → Transport equipment	0.0000	2.4344	0.0000	2.9
Other manufacturing	0.0027	Aquaculture → Other manufacturing	0.0023	1.1614	0.0027	98.7

Electricity, gas, and water	0.0000	Aquaculture → Real estate and business services → Electricity, gas, and water	0.0000	1.4205	0.0000	46.1
		Aquaculture → Chemical products → Electricity, gas, and water	0.0000	1.9267	0.0000	11.3
		Aquaculture → Seafood processing → Real estate and business services → Electricity, gas, and water	0.0000	1.5634	0.0000	7.9
		Aquaculture → Seafood processing → Chemical products → Electricity, gas, and water	0.0000	2.1205	0.0000	4.5
Construction	0.0005	Aquaculture → Other manufacturing → Construction	0.0001	1.1652	0.0002	34.5
		Aquaculture → Real estate and business services → Construction	0.0001	1.1790	0.0001	20.8
		Aquaculture → Chemical products → Construction	0.0000	1.6024	0.0000	5.6
		Aquaculture → Seafood processing → Real estate and business services → Construction	0.0000	1.2976	0.0000	3.6
		Aquaculture → Seafood processing → Food and beverage → Agriculture and forestry → Construction	0.0000	1.4770	0.0000	2.3
		Aquaculture → Seafood processing → Chemical products → Construction	0.0000	1.7635	0.0000	2.2
Wholesale and retail	0.0003	Aquaculture → Real estate and business services → Wholesale and retail	0.0001	1.2109	0.0002	48.6
		Aquaculture → Other manufacturing → Wholesale and retail	0.0000	1.1960	0.0000	11.5
		Aquaculture → Seafood processing → Real estate and business services → Wholesale and retail	0.0000	1.3326	0.0000	8.4
		Aquaculture → Real estate and business services → Telecommunications and broadcasting → Wholesale and retail	0.0000	1.3818	0.0000	3.3
		Aquaculture → Social and other services → Wholesale and retail	0.0000	1.1627	0.0000	2.5
Food service	0.4716	Aquaculture → Food service	0.3557	1.0752	0.3824	81.1
		Aquaculture → Seafood processing → Food service	0.0710	1.1833	0.0840	17.8
Transportation	0.0001	Aquaculture → Real estate and business services → Transportation	0.0000	1.2441	0.0000	31.7
		Aquaculture → Other manufacturing → Transport equipment → Transportation	0.0000	1.6980	0.0000	14.8
		Aquaculture → Social and other services → Transportation	0.0000	1.1934	0.0000	6.7
		Aquaculture → Seafood processing → Real estate and business services → Transportation	0.0000	1.3693	0.0000	5.4
		Aquaculture → Other manufacturing → Transportation	0.0000	1.2276	0.0000	4.0
		Aquaculture → Chemical products → Transportation	0.0000	1.6871	0.0000	3.2
		Aquaculture → Real estate and business services → Finance and insurance → Transportation	0.0000	1.6251	0.0000	2.4
		Aquaculture → Real estate and business services → Coal and petroleum → Transportation	0.0000	1.3010	0.0000	2.3
Telecommunications and broadcasting	0.0002	Aquaculture → Real estate and business services → Telecommunications and broadcasting	0.0001	1.3529	0.0001	44.5
		Aquaculture → Social and other services → Telecommunications and broadcasting	0.0000	1.3030	0.0000	12.8

		Aquaculture → Other manufacturing → Telecommunications and broadcasting	0.0000	1.3412	0.0000	11.8
		Aquaculture → Seafood processing → Real estate and business services → Telecommunications and broadcasting	0.0000	1.4889	0.0000	7.6
		Aquaculture → Real estate and business services → Wholesale and retail → Telecommunications and broadcasting	0.0000	1.3818	0.0000	3.7
Finance and insurance	0.0002	Aquaculture → Real estate and business services → Finance and insurance	0.0001	1.5398	0.0001	58.6
		Aquaculture → Seafood processing → Real estate and business services → Finance and insurance	0.0000	1.6947	0.0000	10.1
		Aquaculture → Other manufacturing → Finance and insurance	0.0000	1.5283	0.0000	9.2
		Aquaculture → Social and other services → Finance and insurance	0.0000	1.4856	0.0000	3.1
		Aquaculture → Real estate and business services → Telecommunications and broadcasting → Finance and insurance	0.0000	1.7666	0.0000	2.7
Real estate and business services	0.0031	Aquaculture → Real estate and business services	0.0021	1.1781	0.0025	79.7
		Aquaculture → Seafood processing → Real estate and business services	0.0003	1.2966	0.0004	13.7
Public administration and defense	0.000119	Aquaculture → Real estate and business services → Public administration and defense	0.0000	1.1783	0.0000	29.9
		Aquaculture → Other manufacturing → Public administration and defense	0.0000	1.1616	0.0000	13.8
		Aquaculture → Seafood processing → Food and beverage → Agriculture and forestry → Public administration and defense	0.0000	1.4724	0.0000	6.3
		Aquaculture → Seafood processing → Real estate and business services → Public administration and defense	0.0000	1.2968	0.0000	5.1
		Aquaculture → Social and other services → Public administration and defense	0.0000	1.1294	0.0000	4.0
		Aquaculture → Seafood processing → Food and beverage → Public administration and defense	0.0000	1.4026	0.0000	3.7
		Aquaculture → Other manufacturing → Transport equipment → Public administration and defense	0.0000	1.6091	0.0000	3.2
		Aquaculture → Other manufacturing → Office supplies → Public administration and defense	0.0000	1.1642	0.0000	2.5
Educational and health services	0.0004	Aquaculture → Other manufacturing → Educational and health services	0.0001	1.1855	0.0001	33.2
		Aquaculture → Real estate and business services → Educational and health services	0.0001	1.2022	0.0001	14.8
		Aquaculture → Chemical products → Educational and health services	0.0000	1.6297	0.0001	12.1
		Aquaculture → Seafood processing → Chemical products → Educational and health services	0.0000	1.7937	0.0000	4.8
		Aquaculture → Seafood processing → Food and beverage → Agriculture and forestry → Educational and health services	0.0000	1.5027	0.0000	4.0
		Aquaculture → Other manufacturing → Office supplies → Educational and health services	0.0000	1.1882	0.0000	3.8
		Aquaculture → Seafood processing → Food and beverage → Educational and health services	0.0000	1.4316	0.0000	3.2

		Aquaculture → Social and other services → Educational and health services	0.0000	1.1526	0.0000	3.1
		Aquaculture → Seafood processing → Real estate and business services → Educational and health services	0.0000	1.3231	0.0000	2.5
Social and other services	0.0013	Aquaculture → Social and other services	0.0009	1.1292	0.0010	73.6
		Aquaculture → Other manufacturing → Social and other services	0.0001	1.2197	0.0001	6.2
		Aquaculture → Real estate and business services → Social and other services	0.0001	1.2348	0.0001	5.7
		Aquaculture → Seafood processing → Social and other services	0.0000	1.2428	0.0001	4.5
		Aquaculture → Seafood processing → Food and beverage → Social and other services	0.0000	1.4729	0.0000	2.5
Office supplies	7.81E-05	Aquaculture → Other manufacturing → Office supplies	0.0001	1.1640	0.0001	88.1
		Aquaculture → Chemical products → Office supplies	0.0000	1.6011	0.0000	2.1

Table B.6 Forward linkage SPA: Seafood processing

Destination	Global Influence	Elementary Paths	Direct Influence	Path Multiplier	Total Influence	TG ratio (in %)
Wild fisheries	0.0001	Seafood processing → Food and beverage → Wild fisheries	0.0000	1.3251	0.0000	79.9
		Seafood processing → Food and beverage → Agriculture and forestry → Wild fisheries	0.0000	1.3910	0.0000	12.6
Aquaculture	0.0001	Seafood processing → Food and beverage → Aquaculture	0.0001	1.4024	0.0001	92.2
		Seafood processing → Food and beverage → Agriculture and forestry → Aquaculture	0.0000	1.4722	0.0000	6.6
Agriculture and forestry	0.0046	Seafood processing → Food and beverage → Agriculture and forestry	0.0033	1.3693	0.0045	99.3
Mineral products	0.0000	Seafood processing → Chemical products → Mineral products	0.0000	1.6358	0.0000	27.4
		Seafood processing → Real estate and business services → Mineral products	0.0000	1.2066	0.0000	14.7
		Seafood processing → Food and beverage → Agriculture and forestry → Mineral products	0.0000	1.3700	0.0000	9.6
		Seafood processing → Food and beverage → Chemical products → Mineral products	0.0000	1.9382	0.0000	9.1
		Seafood processing → Real estate and business services → Transportation → Mineral products	0.0000	1.2741	0.0000	3.7
		Seafood processing → Chemical products → Transport equipment → Mineral products	0.0000	2.2652	0.0000	2.8
Seafood processing	1.1006	Seafood processing → Seafood processing	0.0913	1.3044	0.1191	10.8
Food and beverage	0.0507	Seafood processing → Food and beverage	0.0388	1.3044	0.0506	99.9
Textile and leather	0.0001	Seafood processing → Chemical products → Textile and leather	0.0000	2.0991	0.0000	34.2
		Seafood processing → Food and beverage → Textile and leather	0.0000	1.6762	0.0000	31.4
		Seafood processing → Food and beverage → Chemical products → Textile and leather	0.0000	2.4872	0.0000	11.4
		Seafood processing → Real estate and business services → Textile and leather	0.0000	1.5495	0.0000	10.0
Wood and paper	0.0001	Seafood processing → Food and beverage → Wood and paper	0.0000	1.7060	0.0000	32.9
		Seafood processing → Food and beverage → Agriculture and forestry → Wood and paper	0.0000	1.7907	0.0000	28.8
		Seafood processing → Chemical products → Wood and paper	0.0000	2.1366	0.0000	18.4
		Seafood processing → Food and beverage → Chemical products → Wood and paper	0.0000	2.5315	0.0000	6.1
		Seafood processing → Real estate and business services → Wood and paper	0.0000	1.5770	0.0000	5.1
Printing and copying	0.0000	Seafood processing → Chemical products → Printing and copying	0.0000	1.8491	0.0000	28.5
		Seafood processing → Real estate and business services → Printing and copying	0.0000	1.3635	0.0000	14.8
		Seafood processing → Food and beverage → Chemical products → Printing and copying	0.0000	2.1910	0.0000	9.5
		Seafood processing → Food and beverage → Wood and paper → Printing and copying	0.0000	1.9278	0.0000	8.7

		Seafood processing → Food and beverage → Agriculture and forestry → Wood and paper → Printing and copying	0.0000	2.0236	0.0000	7.6
		Seafood processing → Chemical products → Wood and paper → Printing and copying	0.0000	2.4137	0.0000	4.9
		Seafood processing → Social and other services → Printing and copying	0.0000	1.3068	0.0000	4.8
		Seafood processing → Food and beverage → Social and other services → Printing and copying	0.0000	1.5487	0.0000	2.7
Coal and petroleum	0.0001	Seafood processing → Chemical products → Coal and petroleum	0.0000	1.7086	0.0000	39.3
		Seafood processing → Real estate and business services → Coal and petroleum	0.0000	1.2652	0.0000	23.0
		Seafood processing → Food and beverage → Chemical products → Coal and petroleum	0.0000	2.0245	0.0000	13.1
		Seafood processing → Food and beverage → Coal and petroleum	0.0000	1.3690	0.0000	3.9
Chemical products	0.0020	Seafood processing → Chemical products	0.0008	1.6351	0.0014	69.7
		Seafood processing → Food and beverage → Chemical products	0.0002	1.9374	0.0005	23.2
		Seafood processing → Food and beverage → Agriculture and forestry → Chemical products	0.0000	2.0334	0.0001	2.7
		Seafood processing → Real estate and business services → Chemical products	0.0000	1.7901	0.0001	2.6
Non-metallic mineral products	0.0000	Seafood processing → Chemical products → Non-metallic mineral products	0.0000	1.8070	0.0000	21.8
		Seafood processing → Real estate and business services → Non-metallic mineral products	0.0000	1.3329	0.0000	19.0
		Seafood processing → Food and beverage → Non-metallic mineral products	0.0000	1.4420	0.0000	15.2
		Seafood processing → Food and beverage → Chemical products → Non-metallic mineral products	0.0000	2.1411	0.0000	7.2
		Seafood processing → Real estate and business services → Wholesale and retail → Non-metallic mineral products	0.0000	1.3699	0.0000	2.4
		Seafood processing → Real estate and business services → Transportation → Non-metallic mineral products	0.0000	1.4075	0.0000	2.3
Primary metal products	0.0001	Seafood processing → Real estate and business services → Primary metal products	0.0000	2.2899	0.0000	34.9
		Seafood processing → Chemical products → Primary metal products	0.0000	3.1048	0.0000	19.6
		Seafood processing → Food and beverage → Chemical products → Primary metal products	0.0000	3.6789	0.0000	6.5
		Seafood processing → Real estate and business services → Wholesale and retail → Primary metal products	0.0000	2.3532	0.0000	4.3
Metal products	0.0001	Seafood processing → Chemical products → Metal products	0.0000	1.8838	0.0000	33.8
		Seafood processing → Real estate and business services → Metal products	0.0000	1.3901	0.0000	15.3
		Seafood processing → Food and beverage → Chemical products → Metal products	0.0000	2.2321	0.0000	11.2
		Seafood processing → Real estate and business services → Primary metal products → Metal products	0.0000	2.6312	0.0000	6.3
		Seafood processing → Chemical products → Primary metal products → Metal products	0.0000	3.5658	0.0000	3.5

		Seafood processing → Real estate and business services → Wholesale and retail → Metal products	0.0000	1.4285	0.0000	2.5
General machinery	0.0001	Seafood processing → Real estate and business services → General machinery	0.0000	1.4750	0.0000	27.1
		Seafood processing → Chemical products → General machinery	0.0000	1.9992	0.0000	22.7
		Seafood processing → Food and beverage → Chemical products → General machinery	0.0000	2.3688	0.0000	7.5
		Seafood processing → Real estate and business services → Electric and electronic equipment → General machinery	0.0000	1.9817	0.0000	3.0
		Seafood processing → Real estate and business services → Wholesale and retail → General machinery	0.0000	1.5157	0.0000	3.0
		Seafood processing → Real estate and business services → Primary metal products → General machinery	0.0000	2.7952	0.0000	2.9
		Seafood processing → Chemical products → Metal products → General machinery	0.0000	2.2983	0.0000	2.4
		Seafood processing → Chemical products → Electric and electronic equipment → General machinery	0.0000	2.6897	0.0000	2.2
Electric and electronic equipment	0.0003	Seafood processing → Real estate and business services → Electric and electronic equipment	0.0001	1.6225	0.0001	39.4
		Seafood processing → Chemical products → Electric and electronic equipment	0.0000	2.2030	0.0001	28.4
		Seafood processing → Food and beverage → Chemical products → Electric and electronic equipment	0.0000	2.6103	0.0000	9.4
		Seafood processing → Real estate and business services → Wholesale and retail → Electric and electronic equipment	0.0000	1.6669	0.0000	2.3
Precision instruments	2.75E-05	Seafood processing → Real estate and business services → Precision instruments	0.0000	1.2643	0.0000	32.2
		Seafood processing → Chemical products → Precision instruments	0.0000	1.7145	0.0000	31.8
		Seafood processing → Food and beverage → Chemical products → Precision instruments	0.0000	2.0314	0.0000	10.6
		Seafood processing → Real estate and business services → Electric and electronic equipment → Precision instruments	0.0000	1.6992	0.0000	3.2
		Seafood processing → Chemical products → Electric and electronic equipment → Precision instruments	0.0000	2.3075	0.0000	2.3
Transport equipment	0.0003	Seafood processing → Chemical products → Transport equipment	0.0000	2.2643	0.0001	40.3
		Seafood processing → Real estate and business services → Transport equipment	0.0000	1.6703	0.0000	16.8
		Seafood processing → Food and beverage → Chemical products → Transport equipment	0.0000	2.6829	0.0000	13.4
		Seafood processing → Real estate and business services → Wholesale and retail → Transport equipment	0.0000	1.7159	0.0000	2.1
Other manufacturing	0.0000	Seafood processing → Chemical products → Other manufacturing	0.0000	1.7661	0.0000	35.7
		Seafood processing → Food and beverage → Chemical products → Other manufacturing	0.0000	2.0926	0.0000	11.9
		Seafood processing → Real estate and business services → Other manufacturing	0.0000	1.3025	0.0000	7.6
		Seafood processing → Chemical products → Textile and leather → Other manufacturing	0.0000	2.2649	0.0000	4.0

		Seafood processing → Food and beverage → Agriculture and forestry → Other manufacturing	0.0000	1.4791	0.0000	4.0
		Seafood processing → Food and beverage → Textile and leather → Other manufacturing	0.0000	1.8088	0.0000	3.7
		Seafood processing → Food and beverage → Wood and paper → Other manufacturing	0.0000	1.8427	0.0000	3.0
		Seafood processing → Food and beverage → Agriculture and forestry → Wood and paper → Other manufacturing	0.0000	1.9342	0.0000	2.6
		Seafood processing → Food and beverage → Other manufacturing	0.0000	1.4091	0.0000	2.1
Electricity, gas, and water	0.0000	Seafood processing → Real estate and business services → Electricity, gas, and water	0.0000	1.4541	0.0000	43.2
		Seafood processing → Chemical products → Electricity, gas, and water	0.0000	1.9723	0.0000	24.6
		Seafood processing → Food and beverage → Chemical products → Electricity, gas, and water	0.0000	2.3370	0.0000	8.2
Construction	0.0002	Seafood processing → Real estate and business services → Construction	0.0000	1.2069	0.0001	25.4
		Seafood processing → Food and beverage → Agriculture and forestry → Construction	0.0000	1.3738	0.0000	16.6
		Seafood processing → Chemical products → Construction	0.0000	1.6403	0.0000	15.8
		Seafood processing → Food and beverage → Chemical products → Construction	0.0000	1.9435	0.0000	5.2
		Seafood processing → Chemical products → Metal products → Construction	0.0000	1.8893	0.0000	2.0
Wholesale and retail	0.0001	Seafood processing → Real estate and business services → Wholesale and retail	0.0001	1.2395	0.0001	62.0
		Seafood processing → Chemical products → Wholesale and retail	0.0000	1.6826	0.0000	4.6
		Seafood processing → Real estate and business services → Telecommunications and broadcasting → Wholesale and retail	0.0000	1.4145	0.0000	4.2
		Seafood processing → Food and beverage → Real estate and business services → Wholesale and retail	0.0000	1.4690	0.0000	2.0
Food service	0.2717	Seafood processing → Food service	0.2360	1.1006	0.2597	95.6
		Seafood processing → Food and beverage → Food service	0.0089	1.3044	0.0116	4.3
Transportation	5.94E-05	Seafood processing → Real estate and business services → Transportation	0.0000	1.2736	0.0000	40.2
		Seafood processing → Chemical products → Transportation	0.0000	1.7270	0.0000	9.6
		Seafood processing → Chemical products → Coal and petroleum → Transportation	0.0000	1.7990	0.0000	5.0
		Seafood processing → Chemical products → Transport equipment → Transportation	0.0000	2.3884	0.0000	4.7
		Seafood processing → Food and beverage → Chemical products → Transportation	0.0000	2.0462	0.0000	3.2
		Seafood processing → Social and other services → Transportation	0.0000	1.2216	0.0000	3.1
		Seafood processing → Real estate and business services → Finance and insurance → Transportation	0.0000	1.6635	0.0000	3.0
		Seafood processing → Real estate and business services → Coal and petroleum → Transportation	0.0000	1.3318	0.0000	2.9

Telecommunications and broadcasting	0.0001	Seafood processing → Real estate and business services → Telecommunications and broadcasting	0.0000	1.3849	0.0000	63.7
		Seafood processing → Social and other services → Telecommunications and broadcasting	0.0000	1.3339	0.0000	6.6
		Seafood processing → Real estate and business services → Wholesale and retail → Telecommunications and broadcasting	0.0000	1.4145	0.0000	5.3
		Seafood processing → Food and beverage → Social and other services → Telecommunications and broadcasting	0.0000	1.5808	0.0000	3.7
		Seafood processing → Food and beverage → Real estate and business services → Telecommunications and broadcasting	0.0000	1.6413	0.0000	2.1
Finance and insurance	8.47E-05	Seafood processing → Real estate and business services → Finance and insurance	0.0000	1.5762	0.0001	77.9
		Seafood processing → Real estate and business services → Telecommunications and broadcasting → Finance and insurance	0.0000	1.8084	0.0000	3.5
		Seafood processing → Food and beverage → Real estate and business services → Finance and insurance	0.0000	1.8681	0.0000	2.6
Real estate and business services	0.0014	Seafood processing → Real estate and business services	0.0011	1.2060	0.0013	93.3
		Seafood processing → Food and beverage → Real estate and business services	0.0000	1.4293	0.0000	3.1
Public administration and defense	0.0001	Seafood processing → Food and beverage → Agriculture and forestry → Public administration and defense	0.0000	1.3695	0.0000	30.8
		Seafood processing → Real estate and business services → Public administration and defense	0.0000	1.2061	0.0000	25.2
		Seafood processing → Food and beverage → Public administration and defense	0.0000	1.3046	0.0000	18.4
		Seafood processing → Chemical products → Public administration and defense	0.0000	1.6353	0.0000	2.1
Educational and health services	0.0003	Seafood processing → Chemical products → Educational and health services	0.0000	1.6683	0.0001	25.8
		Seafood processing → Food and beverage → Agriculture and forestry → Educational and health services	0.0000	1.3977	0.0001	21.2
		Seafood processing → Food and beverage → Educational and health services	0.0000	1.3316	0.0000	16.9
		Seafood processing → Real estate and business services → Educational and health services	0.0000	1.2306	0.0000	13.6
		Seafood processing → Food and beverage → Chemical products → Educational and health services	0.0000	1.9767	0.0000	8.6
Social and other services	0.0004	Seafood processing → Social and other services	0.0002	1.1559	0.0002	49.6
		Seafood processing → Food and beverage → Social and other services	0.0001	1.3700	0.0001	27.5
		Seafood processing → Real estate and business services → Social and other services	0.0000	1.2640	0.0000	10.6
		Seafood processing → Chemical products → Social and other services	0.0000	1.7170	0.0000	3.7
Office supplies	8.19E-06	Seafood processing → Chemical products → Office supplies	0.0000	1.6390	0.0000	24.2
		Seafood processing → Food and beverage → Wood and paper → Office supplies	0.0000	1.7091	0.0000	10.9

		Seafood processing → Food and beverage → Agriculture and forestry → Wood and paper → Office supplies	0.0000	1.7939	0.0000	9.5
		Seafood processing → Food and beverage → Chemical products → Office supplies	0.0000	1.9420	0.0000	8.0
		Seafood processing → Chemical products → Wood and paper → Office supplies	0.0000	2.1401	0.0000	6.1
		Seafood processing → Real estate and business services → Wholesale and retail → Office supplies	0.0000	1.2417	0.0000	5.2
		Seafood processing → Chemical products → Other manufacturing → Office supplies	0.0000	1.7697	0.0000	3.5
		Seafood processing → Chemical products → Printing and copying → Office supplies	0.0000	1.8522	0.0000	2.7
		Seafood processing → Food and beverage → Chemical products → Wood and paper → Office supplies	0.0000	2.5356	0.0000	2.0