

S1 Text: UK's economic sectors dependent on international links

Based on *AMADEUS* dataset, the most vulnerable economic sectors in the United Kingdom have been highlighted. The later are the ones due to be mostly affected by eventual future lock-downs of the international economy (international ownership links).

When considering the UK sectors generating the highest turnover in 2018 mostly dependent on foreign capital they own (out-going links from the UK - see below Table S1-A) these are extraction of crude petroleum, manufacture of tobacco products and of basic pharmaceutical goods. In terms of in-going links to the UK (see below Table S1-B), activities of head offices and holding companies, sale of cars and manufacture of motor vehicles are sectors mostly dependent on foreign ownership coming from abroad.

Table S1-A. Top 10 UK industries depending on foreign ownership expressed in total turnover (out-going links from the UK)

Classification	NACE Industries	Total turnover
1	Extraction of crude petroleum	96,458,258,642
2	Manufacture of tobacco products	5,477,272,464
3	Manufacture of basic pharmaceutical products	4,825,881,930
4	Retail sale in non-specialised stores with food, beverages or tobacco predominating	3,681,373,374
5	Wireless telecommunications activities	3,379,297,218
6	Event catering activities	2,871,593,754
7	Other mining and quarrying n.e.c.	1,590,548,873
8	Business and other management consultancy activities	1,394,373,014
9	Activities of head offices	1,322,692,365
10	Manufacture of air and spacecraft and related machinery	1,292,065,497

Table S1-B. Top 10 UK industries depending on foreign ownership expressed in total turnover (in-going links to the UK)

Classification	NACE Industries	Total turnover
1	Activities of head offices	358,099,870
2	Activities of holding companies	259,008,123
3	Other business support service activities n.e.c.	183,098,170
4	Security and commodity contracts brokerage	72,482,167
5	Manufacture of motor vehicles	65,162,757
6	Sale of cars and light motor vehicles	61,019,026
7	Other financial service activities, except insurance and pension funding	47,003,937
8	Other personal service activities n.e.c.	37,926,668
9	Wholesale of solid, liquid and gaseous fuels and related products	36,693,362
10	Other information technology and computer service activities	35,668,779

When expressed in total number of links (Table S1-C and Table S1-D), activities mostly dependent on out-going links from the UK are activities of holding companies, of head offices and fund management activities. In terms of in-going links these are business and consultancy activities and renting and operating of own and leased real estate.

Table S1-C. Top 10 UK industries depending on foreign ownership expressed in total links (out-going links from the UK)

Classification	NACE Industries	Total links
1	Activities of holding companies	686
2	Other business support service activities n.e.c.	567
3	Activities of head offices	503
4	Fund management activities	407
5	Business and other management consultancy activities	398
6	Extraction of crude petroleum	366
7	Other activities auxiliary to financial services, except insurance and pension funding	240
8	Development of building projects	221
9	Manufacture of basic pharmaceutical products	212
10	Other information technology and computer service activities	181

Table S1-D. Top 10 UK industries depending on foreign ownership expressed in total links (in-going links to the UK)

Classification	NACE Industries	Total links
1	Other business support service activities n.e.c.	16,140
2	Renting and operating of own or leased real estate	6,320
3	Business and other management consultancy activities	6,094
4	Activities of head offices	5,628
5	Computer consultancy activities	5,047
6	Activities of holding companies	4,728
7	Other personal service activities n.e.c.	3,996
8	Development of building projects	3,946
9	Other information technology and computer service activities	3,757
10	Other financial service activities, except insurance and pension funding	3,321