**Résultats HS10, 02/09/2020**

**N= 1 949 847 (iso\_o year mode hs10)**

**reghdfe lprix\_fob\_wgt llprix\_fob\_wgt ds\_tariff\_lise if mode=="air", a(FEc= cntry FEs= sector\_3d) vce (ro) resid**

**\*\*\*\*a few useful descriptive statistics\*\*\*\*\***

. tabstat beta\_lag\_price sd\_lag\_prix\_fob\_wgt t\_student\_lag\_pfob beta\_FS\_tariff sd\_tariff t\_student\_tariff F\_stat F\_stat\_tariff adj\_r\_square r\_square\_within if mode =="air", s(mean p25 med p75 sd min max) columns(statistics) format(%9.4fc)

variable | mean p25 p50 p75 sd min max

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beta\_lag\_p~e | 0.6235 0.6221 0.6234 0.6253 0.0046 0.6149 0.6315

sd\_lag\_pri~t | 0.0033 0.0032 0.0032 0.0033 0.0001 0.0032 0.0033

t\_student\_~b | 191.6135 188.4099 192.1230 194.6558 3.5005 186.4983 196.0326

**beta\_FS\_ta~f | -0.0379 -0.1389 -0.0538 -0.0021 0.1593 -0.2166 0.3030**

sd\_tariff | 0.0028 0.0021 0.0027 0.0035 0.0008 0.0020 0.0037

t\_student\_~f | 12.7371 -48.4008 -20.1083 73.8751 89.9434 -50.9205 142.0856

F\_stat | 1.84e+04 1.78e+04 1.85e+04 1.89e+04 672.0254 1.74e+04 1.92e+04

**F\_stat\_tar~f | 0.4802 0.0242 0.1767 0.8833 0.6063 0.0079 1.6654**

adj\_r\_square | 0.6369 0.6306 0.6357 0.6436 0.0080 0.6276 0.6481

r\_square\_w~n | 0.3882 0.3822 0.3890 0.3919 0.0063 0.3806 0.3986

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tabstat beta\_lag\_price sd\_lag\_prix\_fob\_wgt t\_student\_lag\_pfob beta\_FS\_tariff sd\_tariff t\_student\_tariff F\_stat F\_stat\_tariff adj\_r\_square r\_square\_within if mode =="ves", s(mean p25 med p75 sd min max) columns(statistics) format(%9.4fc)

variable | mean p25 p50 p75 sd min max

-------------+----------------------------------------------------------------------

beta\_lag\_p~e | 0.7018 0.6947 0.7043 0.7073 0.0090 0.6873 0.7149

sd\_lag\_pri~t | 0.0036 0.0036 0.0036 0.0037 0.0001 0.0035 0.0037

t\_student\_~b | 193.9111 191.4088 194.0951 196.0205 2.9733 189.6637 198.5766

**beta\_FS\_ta~f | -0.9321 -1.1997 -0.8794 -0.6732 0.2687 -1.2975 -0.6544**

sd\_tariff | 0.0037 0.0037 0.0037 0.0037 . 0.0037 0.0037

t\_student\_~f | -342.5224 -342.5224 -342.5224 -342.5224 . -342.5224 -342.5224

F\_stat | 1.88e+04 1.83e+04 1.88e+04 1.92e+04 580.0121 1.80e+04 1.97e+04

**F\_stat\_tar~f | 17.8979 9.9715 13.5007 27.0089 10.2464 7.3978 34.8232**

adj\_r\_square | 0.7579 0.7509 0.7607 0.7623 0.0064 0.7494 0.7656

r\_square\_w~n | 0.4942 0.4834 0.4931 0.5057 0.0127 0.4770 0.5123

**Beta lag price, air**



**Beta lag price, vessel**



**Beta tariff, air**



**Beta tariff, vessel**



**Both modes « average »**

tabstat beta\_lag\_price sd\_lag\_prix\_fob\_wgt t\_student\_lag\_pfob beta\_FS\_tariff sd\_tariff t\_student\_tariff F\_stat F\_stat\_tariff adj\_r\_square r\_square\_within, s(mean p25 med p75 sd min max) columns(statistics) format(%9.4fc)

variable | mean p25 p50 p75 sd min max

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beta\_lag\_p~e | 0.7476 0.7437 0.7459 0.7527 0.0064 0.7385 0.7578

sd\_lag\_pri~t | 0.0021 0.0020 0.0021 0.0021 0.0000 0.0020 0.0021

t\_student\_~b | 363.4512 360.0820 361.8896 365.9798 5.5087 357.1555 374.5510

**beta\_FS\_ta~f | -0.3533 -0.4959 -0.3274 -0.1950 0.1766 -0.6239 -0.1657**

sd\_tariff | 0.0015 0.0012 0.0015 0.0018 0.0003 0.0012 0.0018

t\_student\_~f | -286.0466 -403.9017 -292.6142 -161.6239 121.2723 -403.9017 -161.6239

F\_stat | 6.61e+04 6.48e+04 6.55e+04 6.70e+04 2020.9199 6.38e+04 7.02e+04

**F\_stat\_tar~f | 6.0900 1.6878 4.4573 10.3630 5.2570 0.8415 14.8620**

adj\_r\_square | 0.7684 0.7637 0.7677 0.7717 0.0052 0.7628 0.7779

r\_square\_w~n | 0.5589 0.5544 0.5608 0.5628 0.0053 0.5505 0.5646

**Beta lag price**



**Beta tariff**



* **Mêmes résultats (modes distincts ou confondus) avec des FE SITC 5 digits ou HS10 digits, ou avec ds\_tariff à la palce de ds\_tariff\_Lise**
* Peu concluants avec ls\_tariff, growth\_tariff (élasticités très petites, et positives pour vessel)

**N= 1 949 847 (iso\_o year mode hs10)**

**reghdfe lprix\_fob\_wgt llprix\_fob\_wgt s\_tariff if mode=="XXX", a(FEc= cntry FEs= sector\_3d) vce (ro) resid**

. \*\*\*\*a few useful descriptive statistics\*\*\*\*\*

. tabstat beta\_lag\_price sd\_lag\_prix\_fob\_wgt t\_student\_lag\_pfob beta\_FS\_tariff sd\_tariff t\_student\_tariff F\_stat F\_stat\_tariff adj\_r\_square r \_square\_within if **mode =="air",** s(mean p25 med p75 sd min max) columns(statistics) format(%9.4fc)

variable | mean p25 p50 p75 sd min max

-------------+----------------------------------------------------------------------

beta\_lag\_p~e | 0.6227 0.6214 0.6225 0.6245 0.0046 0.6140 0.6307

sd\_lag\_pri~t | 0.0033 0.0032 0.0032 0.0033 0.0001 0.0032 0.0034

t\_student\_~b | 191.1160 187.8305 191.6849 194.2290 3.5118 186.0315 195.4074

**beta\_FS\_ta~f | -0.4719 -0.5285 -0.4645 -0.4085 0.0948 -0.6345 -0.3377**

sd\_tariff | 0.0035 0.0034 0.0035 0.0036 0.0002 0.0031 0.0038

t\_student\_~f | -135.0909 -151.6513 -128.1959 -116.6591 24.6231 -180.4814 -107.2330

F\_stat | 1.85e+04 1.80e+04 1.86e+04 1.91e+04 656.9120 1.75e+04 1.94e+04

**F\_stat\_tar~f | 86.3950 58.8215 84.6782 112.6572 33.8325 41.3863 137.4601**

adj\_r\_square | 0.6371 0.6308 0.6358 0.6438 0.0080 0.6279 0.6483

r\_square\_w~n | 0.3885 0.3827 0.3893 0.3921 0.0063 0.3808 0.3989

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. tabstat beta\_lag\_price sd\_lag\_prix\_fob\_wgt t\_student\_lag\_pfob beta\_FS\_tariff sd\_tariff t\_student\_tariff F\_stat F\_stat\_tariff adj\_r\_square r\_square\_within **if mode =="ves**", s(mean p25 med p75 sd min max) columns(statistics) format(%9.4fc)

variable | mean p25 p50 p75 sd min max

-------------+----------------------------------------------------------------------

beta\_lag\_p~e | 0.7017 0.6944 0.7041 0.7072 0.0090 0.6872 0.7148

sd\_lag\_pri~t | 0.0036 0.0036 0.0036 0.0037 0.0001 0.0035 0.0037

t\_student\_~b | 193.8351 191.3097 194.1070 195.9473 2.9559 189.5903 198.3626

**beta\_FS\_ta~f | -0.1081 -0.1284 -0.0977 -0.0695 0.0530 -0.2186 -0.0555**

sd\_tariff | 0.0018 0.0013 0.0014 0.0024 0.0006 0.0013 0.0025

t\_student\_~f | -64.4822 -87.1783 -70.0817 -37.7705 27.9108 -98.3262 -27.4704

F\_stat | 1.88e+04 1.83e+04 1.89e+04 1.92e+04 586.4086 1.80e+04 1.98e+04

**F\_stat\_tar~f | 8.3114 2.7731 4.6026 8.6519 10.3207 1.4736 32.9625**

adj\_r\_square | 0.7578 0.7508 0.7607 0.7622 0.0064 0.7493 0.7656

r\_square\_w~n | 0.4941 0.4833 0.4928 0.5056 0.0128 0.4768 0.5123

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**Beta lag price, air**

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**Beta lag price, vessel**

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**Beta tariff, air**

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**Beta tariff, vessel**



**Both modes « average »**

variable | mean p25 p50 p75 sd min max

-------------+----------------------------------------------------------------------

beta\_lag\_p~e | 0.7474 0.7435 0.7458 0.7525 0.0065 0.7383 0.7577

sd\_lag\_pri~t | 0.0021 0.0020 0.0021 0.0021 0.0000 0.0020 0.0021

t\_student\_~b | 363.2375 359.8849 361.6691 365.8671 5.4614 356.9471 374.1109

**beta\_FS\_ta~f | -0.1848 -0.2410 -0.1846 -0.1222 0.0678 -0.2849 -0.0984**

sd\_tariff | 0.0017 0.0015 0.0017 0.0018 0.0002 0.0013 0.0019

t\_student\_~f | -110.2590 -139.9073 -108.6620 -76.1885 34.9375 -158.6643 -73.8918

F\_stat | 6.62e+04 6.50e+04 6.56e+04 6.70e+04 2024.8995 6.38e+04 7.03e+04

**F\_stat\_tar~f | 31.7978 11.2308 29.1507 53.9603 21.3754 7.1524 58.5463**

adj\_r\_square | 0.7684 0.7637 0.7677 0.7717 0.0052 0.7629 0.7779

r\_square\_w~n | 0.5589 0.5545 0.5608 0.5628 0.0052 0.5505 0.5646

**Beta lag price**



**Beta tariff**

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