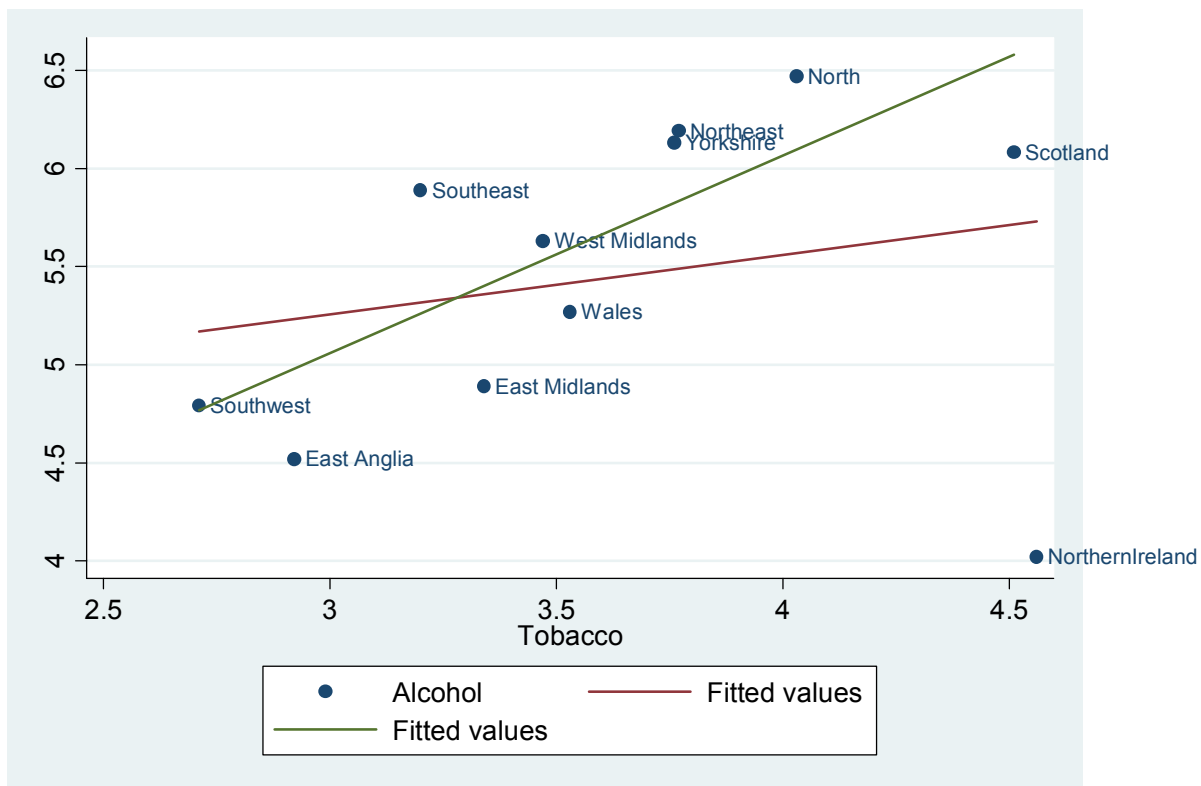


CASE DIAGNOSTICS EXAMPLE

twoway (scatter alcohol tobacco, mlabel(region)) (lfit alcohol tobacco) (lfit alcohol tobacco in 1/10)



Region	alco -hol	tob- acco	cook All	dffits All	sturesds All	hii All	cook w/o NI	dffits w/o NI	sturesds w/o NI	hii w/o NI
North	6.47	4.03	0.114	0.490	1.218	0.140	0.112	0.469	0.934	0.202
Yorkshire	6.13	3.76	0.037	0.265	0.810	0.097	0.037	0.265	0.711	0.122
Northeast	6.19	3.77	0.044	0.292	0.889	0.098	0.052	0.315	0.838	0.124
East Midlands	4.89	3.34	0.024	-0.209	-0.586	0.113	0.095	-0.451	-1.261	0.113
West Midlands	5.63	3.47	0.005	0.092	0.281	0.097	0.003	0.073	0.218	0.101
East Anglia	4.52	2.92	0.147	-0.542	-0.990	0.231	0.227	-0.694	-1.218	0.245
Southeast	5.89	3.20	0.047	0.298	0.734	0.141	0.192	0.688	1.693	0.142
Southwest	4.79	2.71	0.077	-0.378	-0.542	0.327	0.001	0.045	0.060	0.364
Wales	5.27	3.53	0.002	-0.057	-0.178	0.093	0.032	-0.246	-0.739	0.100
Scotland	6.08	4.51	0.069	0.356	0.520	0.319	1.151	-1.700	-1.746	0.487
NorthernIreland	4.02	4.56	1.747	-3.435	-4.732	0.345	40.269			0.527
Cutoffs to flag			0.749	±1.0	t > 3	0.36	0.757	±1.0	t > 3	0.4

STATA:

After the *regress* command:

predict cook, cooks

predict dffits, dffits

predict sturesds, rstudent

predict hii, hat

To list cases with unusual values use **list variable names if condition**, for example:

list alcohol tobacco dffits if abs(dffits) > 1