
```

Multivariate imputation          Imputations =      10
Chained equations                added =      10
Imputed: m=1 through m=10       updated =       0
Initialization: monotone        Iterations =     100
                                burn-in =      10

```

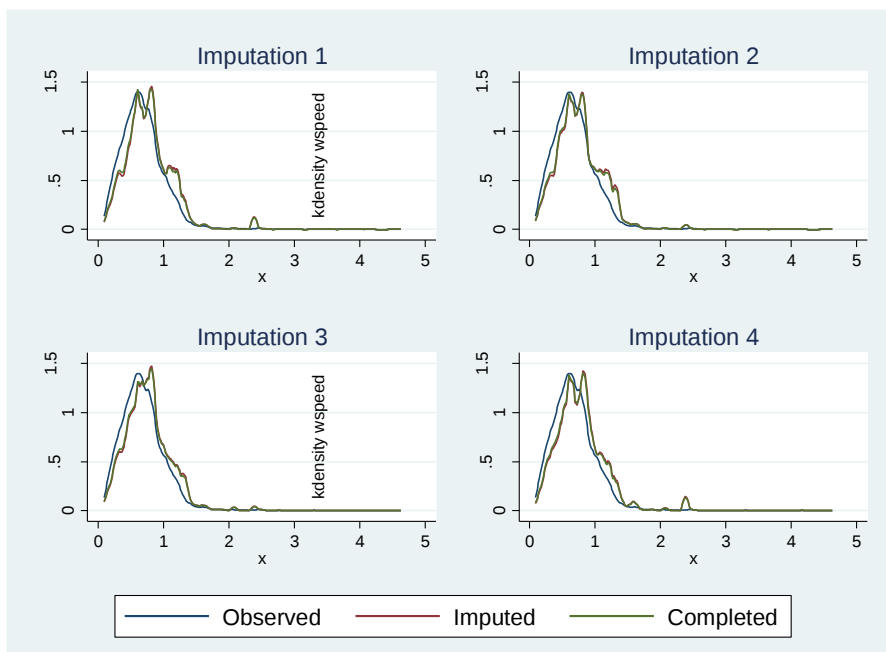
```

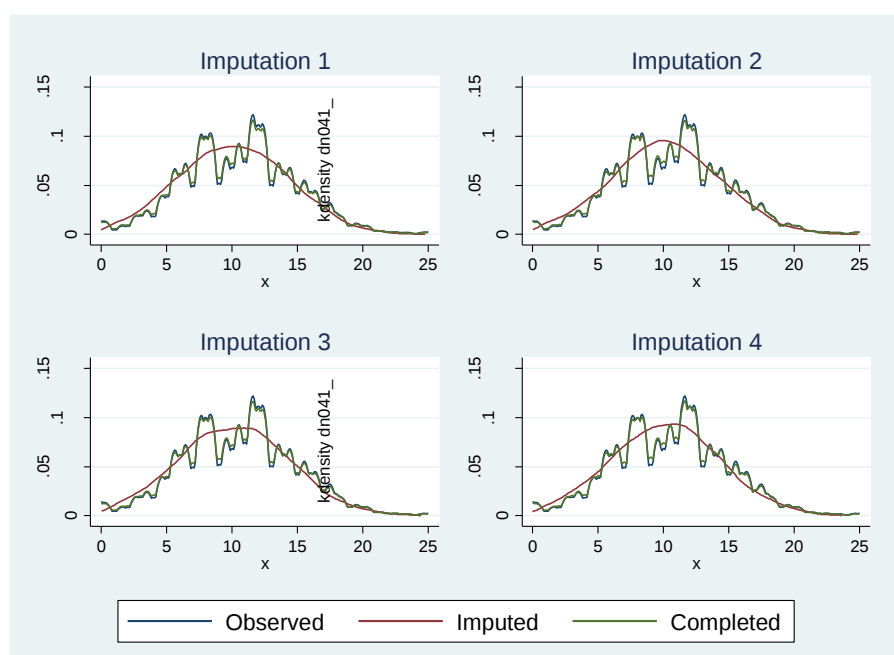
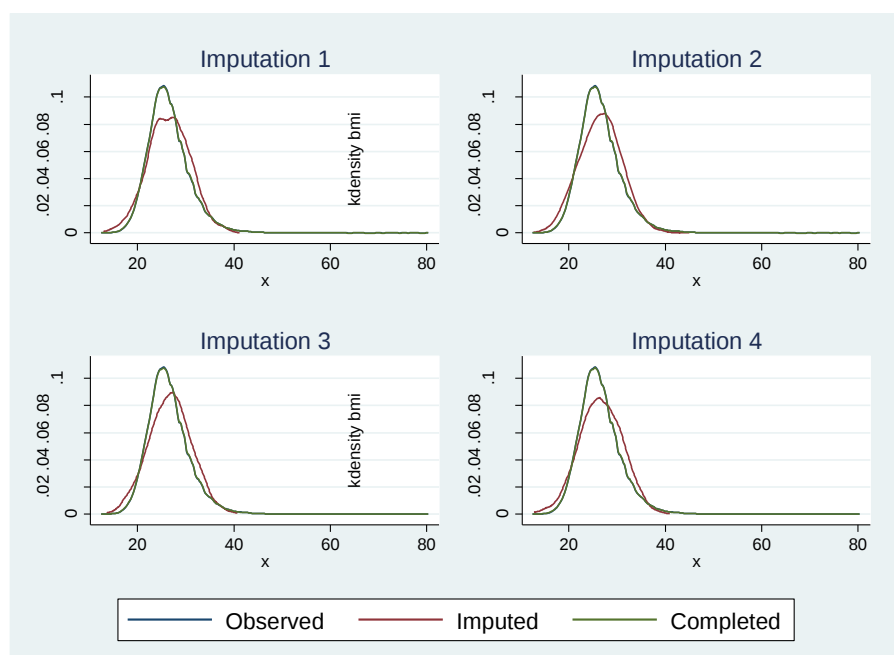
      bmi: truncated regression
eurodcat: logistic regression
  dn041_: truncated regression
    wspeed: predictive mean matching

```

Variable	Observations per m			Total
	Complete	Incomplete	Imputed	
bmi	64989	1694	1694	66683
eurodcat	65308	1375	1375	66683
dn041_	56247	10436	10436	66683
wspeed	7156	59527	59527	66683

Diagnostica





Proportions of eurodcat for m=1

Number of observed = 65308

Number of imputed = 1375

Number of completed = 66683

EURO-D				
caseness		Observed	Imputed	Completed
No		0.748	0.632	0.746
Yes		0.252	0.368	0.254

Multiple-imputation estimates
Logistic regression

Imputations	=	10
Number of obs	=	66683
Average RVI	=	0.2241
Largest FMI	=	0.8084
DF: min	=	14.65
avg	=	25175.84
max	=	140542.51
F(21, 5421.0)	=	209.38
Prob > F	=	0.0000

DF adjustment: Large sample

```
Model F test:          Equal FMI
Within VCE type:       OIM
```

eurocat	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
wspeed	-.6781222	.0629545	-10.77	0.000	-.8125886	-.5436557
bmi	.012246	.0022114	5.54	0.000	.0079047	.0165873
dn041_	-.0491877	.0027829	-17.68	0.000	-.0546683	-.043707
country						
Germany	.0236325	.0612928	0.39	0.700	-.096505	.1437701
Sweden	.0161097	.0607947	0.26	0.791	-.1030541	.1352735
Netherlands	.1032059	.0606739	1.70	0.089	-.015718	.2221297
Spain	.6932185	.0589707	11.76	0.000	.5776311	.808806
Italy	.7427873	.0573386	12.95	0.000	.6304047	.85517
France	.7820569	.0572208	13.67	0.000	.6699041	.8942096
Denmark	.1323808	.0647972	2.04	0.041	.0053776	.259384
Greece	.0947357	.0587523	1.61	0.107	-.0204212	.2098927
Switzerland	-.058666	.0746139	-0.79	0.432	-.2049271	.087595
Belgium	.5044499	.0570698	8.84	0.000	.3925911	.6163087
Israel	.6380309	.0620362	10.28	0.000	.5164073	.7596545
Czech Republic	.3899205	.0693309	5.62	0.000	.2540327	.5258084
Poland	1.48385	.0674968	21.98	0.000	1.351498	1.616203
Ireland	.1522754	.0981501	1.55	0.121	-.0401075	.3446583
age_int	.0147104	.0009847	14.94	0.000	.0127775	.0166433
gender	.7649911	.0211015	36.25	0.000	.7235489	.8064334
dn004_						
2	.4340716	.0329859	13.16	0.000	.3693676	.4987757
wave	-.1025684	.0202986	-5.05	0.000	-.1423641	-.0627727
_cons	-2.887267	.1424821	-20.26	0.000	-3.169479	-2.605055

```
.
.
. * 8- Interpretare i risultati in termini di probabilità predette
. * rispetto alla var di interesse (dn004)
. mimrqns dn004, predict(pr)
```

Multiple-imputation estimates
Predictive margins

Imputations	=	10
Number of obs	=	66683
Average RVI	=	0.0713
Largest FMI	=	0.0745
DF: min	=	1671.34
avg	=	1963.23
max	=	2255.13

DF adjustment: Large sample

Within VCE type: Delta-method

```
Expression      : Pr(eurodcat), predict(pr)
```

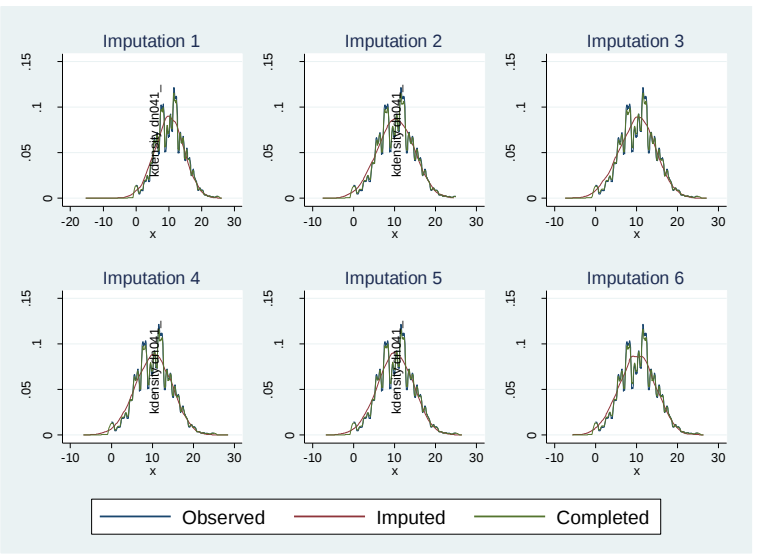
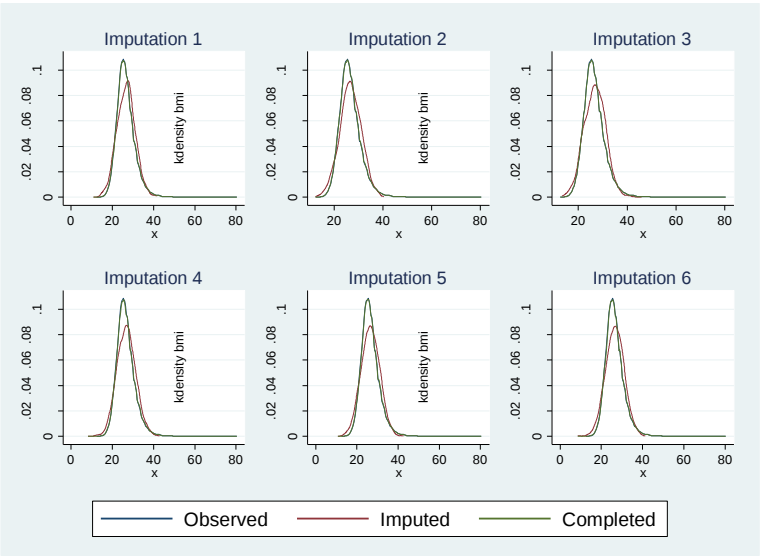
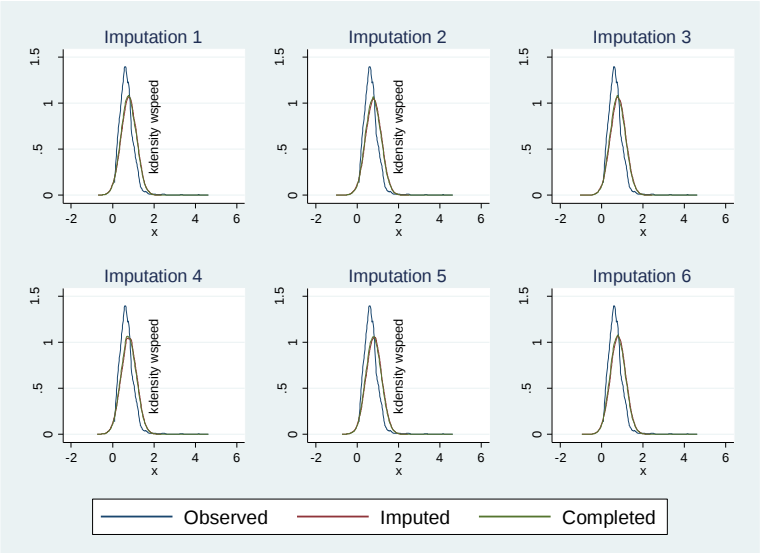
	Margin	Std. Err.	t	P> t	[95% Conf. Interval]	
dn004_						
Yes	.245225	.0017685	138.66	0.000	.2417568	.2486931
2	.3250185	.0060095	54.08	0.000	.3132315	.3368055

MODELLO MVN

Expectation-maximization estimation	Number obs	=	67334
	Number missing	=	74091
	Number patterns	=	15
Prior: uniform	Obs per pattern: min	=	3
	avg	=	4488.933
	max	=	48548

Observed log likelihood = -203027.18 at iteration 100

	wspeed	bmi	dn041_	eurodcat
Coef				
11b.country	0	0	0	0
12.country	.0111665	-.378697	3.617957	-.0164933
13.country	.1575902	-1.125267	2.596519	-.0221778
14.country	.0848478	-.8751125	2.197209	-.0046309
15.country	-.0210046	.5022967	-1.061562	.1104979
16.country	-.0464101	-.4688267	-.7458476	.129178
17.country	.0628526	-1.171366	2.615315	.1079928
18.country	.1389571	-1.368774	4.097933	-.0085988
19.country	-.066121	-.0637521	-.0156053	.0036891
20.country	.1576159	-1.716464	2.420822	-.0289636
23.country	.055657	-.6464386	3.159299	.0517011
25.country	.0263927	-.2166315	3.678544	.0618051
28.country	.1109072	.3058319	3.054333	.0203077
29.country	-.0568879	.2302607	.5827184	.2803503
30.country	-.0235201	.5290103	3.294737	-.0058121
age_int	-.0067938	-.0157692	-.0990871	.0030118
gender	-.0812192	-.6144371	-.8192164	.1383037
1b.iv008_	0	0	0	0
2.iv008_	-.1687719	.448336	-1.971857	.0844713
3.iv008_	-.1051917	.1963196	-2.057338	.0776402
4.iv008_	-.0560639	.3668211	-1.566896	-.0167696
5.iv008_	-.0110492	.2112719	-.5655073	-.0734196
6.iv008_	.0223027	.033174	.26769	-.1285073
dn004_	-.003794	.044216	.059537	.0171093
fam_resp	.0039288	.2179129	.2501721	.035726
wave	.0249643	.1568575	.3093182	-.0192908
_cons	1.276216	28.4085	15.78504	-.1340555
Sigma				
wspeed	.1245088	-.1079446	.0958318	-.015177
bmi	-.1079446	18.9353	-1.878623	.066803
dn041_	.0958318	-1.878623	13.83457	-.0987552
eurodcat	-.015177	.066803	-.0987552	.1715831



Multiple-imputation estimates	Imputations	=	10
Predictive margins	Number of obs	=	67562
	Average RVI	=	0.1382
	Largest FMI	=	0.2094
DF adjustment: Large sample	DF: min	=	219.98
	avg	=	3915.61
Within VCE type: Delta-method	max	=	7611.23

Expression : Pr(eurodcat), predict(pr)

	Margin	Std. Err.	t	P> t	[95% Conf. Interval]	
dn004_						
Yes	.2660684	.0017663	150.63	0.000	.2626059	.2695309
No	.3386119	.0063891	53.00	0.000	.3260203	.3512035