

Table Six Columns and Three Panel with Continuous and Discrete Interactions

Fan Wang

August 14, 2019

Regression with discrete variables, discrete variables could interact with each other. Includes binary and 3 category discrete variables here.

Table 1: Outcome: Blood Pressure						
	Categories: Discrete Categories and BP					
	All Age 5 to 12		Girls Age 5 to 12		Boys Age 5 to 12	
	All Villages	No Teaching Points	All Villages	No Teaching Points	All Villages	No Teaching Points
Panel A: Continuous Right Hand Side Variables						
age group	6.388*** (7.25)	5.744*** (6.80)	5.390*** (6.61)	4.427*** (5.64)	4.249*** (5.89)	3.387*** (4.97)
sex variable	-6.975*** (-4.69)	-6.130*** (-4.38)	-5.986*** (-4.37)	-4.292*** (-3.23)	-4.309*** (-3.52)	-3.248*** (-2.69)
Observations	240	232	227	212	193	167
Panel B: Two Discrete Right Hand Side Variables						
Age Groups (Compare to 30-45)						
x (46-59 yrs)	4.937*** (2.75)	3.460** (2.05)	3.748** (2.24)	2.823* (1.78)	2.659* (1.87)	2.978** (2.19)
x (>60 years)	12.77*** (7.44)	11.54*** (7.06)	10.74*** (6.89)	9.050*** (5.95)	8.807*** (6.39)	7.048*** (5.51)
Gender/Time Groups (Compare to Female Before)						
x male after	-3.750* (-1.68)	-4.701** (-2.28)	-4.339** (-2.14)	-3.651* (-1.88)	-4.613** (-2.46)	-5.038*** (-2.73)
x female before	-5.633*** (-3.04)	-5.532*** (-3.27)	-4.887*** (-2.97)	-2.875* (-1.83)	-3.576** (-2.54)	-3.338*** (-2.66)
x female after	-12.07*** (-6.36)	-11.14*** (-6.16)	-11.32*** (-6.63)	-9.436*** (-5.82)	-9.539*** (-6.61)	-7.920*** (-5.84)
Observations	240	232	227	212	193	167
Panel C: Two Discrete Interacted Variables						
male dummy	-2.558 (-0.98)	-3.444 (-1.35)	-2.218 (-0.91)	-1.248 (-0.54)	-2.424 (-1.16)	-1.334 (-0.72)
Male Dummy Interactions:						
Time Groups (Compare to Before)						
x male x after	-3.750* (-1.68)	-4.689** (-2.28)	-4.294** (-2.13)	-3.650* (-1.86)	-4.618** (-2.44)	-5.025*** (-2.72)
Age Groups (Compare to 30-45)						
x male x (46-59 yrs)	8.200*** (2.80)	5.328* (1.96)	5.941** (2.22)	4.101 (1.65)	3.772 (1.61)	4.996** (2.21)
x male x (>60 years)	14.12*** (5.61)	12.90*** (5.37)	12.68*** (5.46)	10.51*** (4.50)	9.643*** (4.40)	8.753*** (4.27)
Female Dummy Interactions:						
Time Groups (Compare to Before)						
x male x after	-6.433*** (-3.48)	-5.601*** (-3.15)	-6.431*** (-3.76)	-6.561*** (-3.93)	-5.962*** (-4.16)	-4.544*** (-3.36)
Age Groups (Compare to 30-45)						
x female x (46-59 yrs)	1.675 (0.82)	1.675 (0.82)	1.675 (0.82)	1.675 (0.82)	1.676 (0.98)	1.350 (0.82)
x female x (>60 years)	11.42*** (4.91)	10.18*** (4.58)	8.839*** (4.25)	7.744*** (3.90)	8.051*** (4.63)	5.725*** (3.55)
Observations	240	232	227	212	193	167
Controls for each panel:						
blood pressure >= 185	Yes	No	No	No	No	No
blood pressure >= 180	Yes	Yes	No	No	No	No
blood pressure >= 170	Yes	Yes	Yes	Yes	No	No
blood pressure >= 160	Yes	Yes	Yes	Yes	Yes	Yes