univariate

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```r
full_df_no_invalid = read.csv("./data/full_df.csv") %>%
  select(-1)

# 1 for white, 2 for non-white
full_df_lm = full_df_no_invalid %>%
  mutate(B1PF7A = ifelse(as.numeric(B1PF7A) != 1, 2, as.numeric(B1PF7A)),
         B1PF7A = as.factor(B1PF7A),
         B1PB1 = as.factor(B1PB1),
         B1SA62T = B1SA62A + B1SA62B + B1SA62C + B1SA62D + B1SA62E + B1SA62F + B1SA62G + B1SA62H + B1SA62I

# include education: SES is significantly correlated with both M2 and M3 composite scores but not the diff
# exclude education: SES is significantly correlated with D3TCOMP and D3TEF but not D3TEM
d_comp_lm = lm(D3TCOMP ~ B1PAGE_M2 + B1PRSEX + B1PF7A +  B1PTSEI + D1PB19 + B1PA39 + B4HMETMW + B1SA11W + 
d_em_lm = lm(D3TEM ~ B1PAGE_M2 + B1PRSEX + B1PF7A + B1PTSEI + D1PB19 + B1PA39 + B4HMETMW + B1SA11W + B4ALCO
d_ef_lm = lm(D3TEF ~ B1PAGE_M2 + B1PRSEX + B1PF7A + B1PTSEI + D1PB19 + B1PA39 + B4HMETMW + B1SA11W + B4ALCO
ctq_lm = lm(ctq_total ~ B1PAGE_M2 + B1PRSEX + B1PF7A + B1PTSEI + D1PB19 + B1PA39 + B4HMETMW + B1SA11W + B4


stargazer(d_comp_lm,d_em_lm, d_ef_lm, ctq_lm,
  type = 'latex',
  header = FALSE,
  notes.label = "Significance levels",
  #title = "Results of 5 Regression Models",
#  column.labels = c("Model 1", "Model 2", "Model 3", "Model 4", "Model 5"),
  # colnames = FALSE,
  # model.numbers = FALSE,
  # dep.var.caption = " ",
   #keep.stat = c("rsq")
  notes.align = "l",
single.row = TRUE,
font.size = "small"
  )
```

```r
table(full_df_lm$B1SA62J)
```

```
0 1 867 1
```

```r
full_df_lm %>%
  filter(B1SA62J == 1)
```

M2ID M2FAMNUM B3TCOMPZ3 B3TEMZ3 B3TEFZ3 B1PAGE_M2 B1PRSEX B1PF7A B1PB1 1 11086 100452 -0.41 -0.186 -0.071 43 1 2 6 B1PTSEI B1PB19 B1PA6A B1PA39 B1SA11W B1SA62A B1SA62B B1SA62C B1SA62D B1SA62E 1 31.27 0 2 2 0 1 1 1 1 1 B1SA62F B1SA62G B1SA62H B1SA62I B1SA62J B1SPWBA2 B1SPWBE2 B1SPWBG2 B1SPWBR2 1 1 1 1 1 1 1 39 39 42 35 B1SPWBU2 B1SPWBS2 B4QCT_EA B4QCT_EN B4QCT_MD B4QCT_PA B4QCT_PN B4QCT_SA 1 41 42 5 12 0 5 8 5 B4HMETMW B4ALCOH C3TCOMP C3TEM C3TEF C3IDATE_MO C3IDATE_YR 1 2070 current_heavy -0.5344052 -1.003848 -0.4467722 3 2014 C1PRAGE C1PA6A C1SA11Z C1PB19 D3TCOMP D3TEM D3TEF D1PB19 1 52 2 2 0 -0.1244052 -0.8178478 -0.3757722 0 ctq_total

Table 1:

	D3TCOMP	D3TEM	D3TEF	ctq_total
	Dependent variable:			
	(1)	(2)	(3)	(4)
B1PAGE_M2	0.001 (0.002)	−0.010*** (0.003)	−0.001 (0.002)	−0.137*** (0.044)
B1PRSEX	−0.046 (0.040)	0.110* (0.066)	−0.029 (0.039)	2.932*** (0.952)
B1PF7A2	0.246*** (0.054)	0.143 (0.088)	0.200*** (0.053)	2.895** (1.283)
B1PTSEI	−0.004*** (0.001)	−0.001 (0.002)	−0.003** (0.001)	−0.073** (0.033)
D1PB19	−0.071 (0.052)	−0.005 (0.085)	−0.083 (0.051)	0.883 (1.226)
B1PA39	−0.006 (0.006)	−0.011 (0.010)	−0.002 (0.006)	−0.274* (0.150)
B4HMETMW	0.00000 (0.00001)	0.00002* (0.00001)	0.00000 (0.00001)	−0.00003 (0.0002)
B1SA11W	−0.033 (0.062)	−0.013 (0.101)	−0.010 (0.061)	8.610*** (1.467)
B4ALCOHcurrent_light	0.043 (0.093)	0.293* (0.152)	−0.071 (0.091)	−0.764 (2.199)
B4ALCOHcurrent_moderate	0.062 (0.050)	0.209*** (0.081)	0.015 (0.048)	0.724 (1.170)
B4ALCOHformer_heavy	−0.027 (0.074)	0.061 (0.119)	−0.013 (0.072)	2.083 (1.731)
B4ALCOHformer_light/abs	0.013 (0.066)	0.040 (0.107)	0.015 (0.064)	−1.689 (1.550)
B4ALCOHformer_moderate	0.115* (0.067)	0.133 (0.109)	0.091 (0.065)	2.275 (1.580)
B1SA62A	−0.312** (0.124)	−0.372* (0.202)	−0.307** (0.121)	3.416 (2.926)
B1SA62B	0.094 (0.142)	0.524** (0.231)	0.044 (0.139)	2.869 (3.345)
B1SA62C	0.266 (0.208)	0.084 (0.338)	0.168 (0.203)	10.669** (4.905)
B1SA62D	−0.124 (0.100)	−0.181 (0.162)	−0.030 (0.098)	0.884 (2.354)
B1SA62E	−0.129 (0.190)	−0.303 (0.308)	−0.119 (0.185)	6.365 (4.472)
B1SA62F	0.660 (0.855)	0.223 (1.387)	1.251 (0.833)	−13.696 (20.114)
B1SA62G	−0.125 (0.094)	0.094 (0.153)	−0.106 (0.092)	1.121 (2.223)
B1SA62H	0.424** (0.212)	−0.226 (0.344)	0.479** (0.207)	−2.284 (4.993)
B1SA62I	−0.944 (0.605)	−0.653 (0.982)	−1.639*** (0.590)	−14.503 (14.248)
B1SA62J				
Constant	−0.036 (0.146)	0.156 (0.236)	−0.168 (0.142)	43.105*** (3.428)
Observations	868	868	868	868
R^2	0.067	0.046	0.055	0.125
Adjusted R^2	0.043	0.022	0.031	0.102
Residual Std. Error (df = 845)	0.557	0.904	0.543	13.115
F Statistic (df = 22; 845)	2.753***	1.869***	2.247***	5.483***
Significance levels	*p<0.1; **p<0.05; ***p<0.01			

B1SA62T 1 35 10