# univariate

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6/9/2022

```
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 + B
d_em_lm = lm(D3TEM ~ B1PAGE_M2 + B1PRSEX + B1PF7A + B1PTSEI + D1PB19 + B1PA39 + B4HMETMW + B1SA11W + B4ALC
d_ef_lm = lm(D3TEF ~ B1PAGE_M2 + B1PRSEX + B1PF7A + B1PTSEI + D1PB19 + B1PA39 + B4HMETMW + B1SA11W + B4ALC
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"
  )
```

Table 1:

| | *Dependent variable:* | | | |
|---|---|---|---|---|
| | D3TCOMP | D3TEM | D3TEF | ctq_total |
| | (1) | (2) | (3) | (4) |
| B1PAGE_M2 | 0.001 | −0.010*** | −0.001 | −0.139*** |
| | (0.002) | (0.003) | (0.002) | (0.044) |
| B1PRSEX | −0.050 | 0.099 | −0.032 | 3.253*** |
| | (0.040) | (0.065) | (0.039) | (0.944) |
| B1PF7A2 | 0.250*** | 0.141 | 0.201*** | 2.543** |
| | (0.054) | (0.088) | (0.053) | (1.277) |
| B1PTSEI | −0.005*** | −0.001 | −0.003** | −0.075** |
| | (0.001) | (0.002) | (0.001) | (0.033) |
| D1PB19 | −0.063 | −0.002 | −0.069 | 0.986 |
| | (0.052) | (0.084) | (0.051) | (1.221) |
| B1PA39 | −0.006 | −0.010 | −0.002 | −0.294* |
| | (0.006) | (0.010) | (0.006) | (0.150) |
| B4HMETMW | 0.00000 | 0.00002* | 0.00000 | −0.00003 |
| | (0.00001) | (0.00001) | (0.00001) | (0.0002) |
| B1SA11W | −0.050 | −0.025 | −0.031 | 8.510*** |
| | (0.062) | (0.100) | (0.061) | (1.456) |
| B4ALCOHcurrent_light | 0.041 | 0.278* | −0.076 | −0.881 |
| | (0.094) | (0.152) | (0.091) | (2.201) |
| B4ALCOHcurrent_moderate | 0.066 | 0.209*** | 0.017 | 0.901 |
| | (0.050) | (0.080) | (0.049) | (1.168) |
| B4ALCOHformer_heavy | −0.041 | 0.031 | −0.036 | 2.032 |
| | (0.073) | (0.118) | (0.071) | (1.719) |
| B4ALCOHformer_light/abs | 0.011 | 0.029 | 0.009 | −1.685 |
| | (0.066) | (0.107) | (0.064) | (1.551) |
| B4ALCOHformer_moderate | 0.116* | 0.122 | 0.090 | 2.284 |
| | (0.067) | (0.109) | (0.066) | (1.579) |
| B1SA62T | −0.047 | −0.053 | −0.042 | 1.359* |
| | (0.031) | (0.051) | (0.031) | (0.738) |
| Constant | −0.007 | 0.218 | −0.130 | 43.004*** |
| | (0.144) | (0.233) | (0.141) | (3.386) |
| Observations | 868 | 868 | 868 | 868 |
| $R^2$ | 0.052 | 0.035 | 0.037 | 0.113 |
| Adjusted $R^2$ | 0.037 | 0.019 | 0.021 | 0.098 |
| Residual Std. Error (df = 853) | 0.559 | 0.905 | 0.546 | 13.142 |
| F Statistic (df = 14; 853) | 3.365*** | 2.185*** | 2.333*** | 7.754*** |
| Significance levels | *p<0.1; **p<0.05; ***p<0.01 | | | |