Electoral contestation, goods provision, and construction of devolved government in Northern Kenya

Supplementary material

Appendix A: R script

Plot 1

```
require(ggplot2)

devolution <- read.csv(file.choose())
locations <- c("Mean (all Kenyan counties)", "West Pokot", "Turkana")
absorption_overall_change_201317 <-

     c(mean(devolution[["absorption_overall_change_201317"]]),
     devolution$absorption_overall_change_201317[devolution$county=="West
     Pokot"],
     devolution$absorption_overall_change_201317[devolution$county=="Turkana
     "])

absorption_overall_change_201317 <-
     data.frame(absorption_overall_change_201317, locations)

absorption_overall_change_201317$locations =
     factor(absorption_overall_change_201317$locations, levels = c("Mean
     (all Kenyan counties)", "West Pokot", "Turkana"))

ggplot(absorption_overall_change_201317, aes(x =
     absorption_overall_change_201317, y = locations)) +
     geom_bar(stat = "identity") +
     xlab("Absorption change in percent") +

     ylab("") +
     theme(text=element_text(size=16)
```

Plot 2

```
development_budget_percent_average_201317 <-

     c(mean(devolution[["development_budget_percent_average_201317"]]),
```

```
devolution$development_budget_percent_average_201317[devolution$county=
    ="West Pokot"],
devolution$development_budget_percent_average_201317[devolution$county=
    ="Turkana"])

development_budget_percent_average_201317 <-
    data.frame(development_budget_percent_average_201317, locations)

development_budget_percent_average_201317$locations =
    factor(development_budget_percent_average_201317$locations, levels =
    c("Mean (all Kenyan counties)", "West Pokot", "Turkana"))

ggplot(development_budget_percent_average_201317, aes(x =
    development_budget_percent_average_201317, y = locations))+
    geom_bar(stat = "identity") +
    xlab("Development budget in percent") +
    ylab("") +
    theme(text=element_text(size=16))
```

Appendix B: data

county	absorption_overal-l_change_201317	development_bud-get_percent_aver-age_201317
Baringo	2.98592321	38.44154015
Bomet	-7.30007984	42.90661680
Bungoma	29.30512402	42.67010156
Busia	20.46364133	44.4676995625
Elgeyo Marakwet	17.88406998	36.5050603975
Embu	17.36291229	35.177662945
Garissa	49.34425129	41.36685619
Homa Bay	9.32513544	36.17388704
Isiolo	18.23262059	38.43120093
Kajiado	-2.99601684	36.70702119
Kakamega	33.5659273	51.2645992825
Kericho	11.51323118	36.30147597
Kiambu	15.51931784	29.97840517
Kilifi	16.51263217	45.03365954

Kirinyaga	21.45364068	33.8990892925
Kisii	6.52886692	39.45671271
Kisumu	10.96816296	36.298724615
Kitui	22.7579638	49.65423965
Kwale	6.99491704	49.6454755475
Laikipia	-0.23056266	38.40858973
Lamu	17.87516536	39.57335297
Machakos	8.38530979	44.628537275
Makueni	21.88395031	47.18155176
Mandera	35.22550746	59.27280267
Marsabit	24.78506799	48.085754665
Meru	15.01975367	40.00406239
Migori	-1.49557573	40.75946838
Mombasa	33.8182535	34.60739537
Muranga	3.02849938	48.99408714
Nairobi	1.03503459	29.13680499
Nakuru	12.28202974	34.95979570
Nandi	14.64923965	40.268726825
Narok	24.51676641	34.06791839
Nyamira	9.83372096	42.358215625
Nyandarua	2.27816331	36.12166694
Nyeri	-15.83821959	30.53450687
Samburu	17.37307951	38.62206155

Siaya	21.84084707	40.89742144
Taita Taveta	3.84336454	33.44291364
Tana River	35.97162038	52.502644185
Tharaka Nithi	-15.19236652	40.226385935
Trans Nzoia	19.00655518	39.912140245
Turkana	36.0426993	64.34886983
Uasin Gishu	13.32796797	39.9244655875
Vihiga	-2.39536315	37.301384455
Wajir	12.45326212	55.5694935425
West Pokot	11.7893632	41.296621675