

Ready Made Garments and Women's Labor Force Participation, Fertility and Education in Bangladesh

SM Shihab Siddiqui

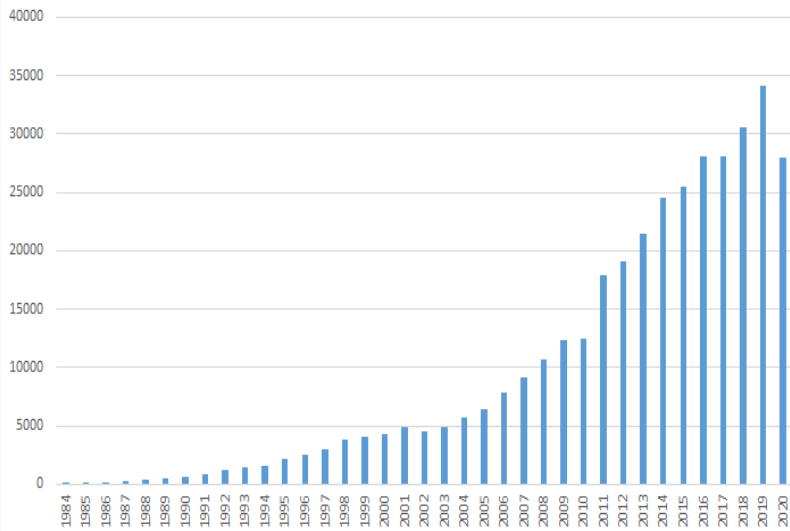
January 29, 2019

Summary of the idea

Rise of RMG in Bangladesh

```
include_graphics("1.png")
```

Export of RMG (in million of USD)



Women's education

Youth literacy went from 1998

Specification

$$\Delta Y_{it} = \alpha_t + \beta_1 \Delta WLDS_{it} + X' \beta_{-1} + e_{it}$$

- Where ΔY_{it} are the outcome variables such as FLFPR, fertility, Education, marriage formations/divorces, etc in region i , period t .
 - $\Delta WLDS_{i,t}$ is shock to labor demand for women in a region (discussed further in next slide)
 - X' is a vector of control such as school / health clinics.

Measuring the WLDS

Closely follows Autor et al (2013) “China Syndrome”.

$$\Delta WLDS_{i,t} = \frac{RMG_{it}}{RMG_{BD,t}} * \Delta Exports_{RMG,t}$$

- WLDS - Women's Labor Demand Shock.
 - Where $\frac{RMG_{it}}{RMG_{BD,t}}$ measures the share of RMG exports of BD that is coming from region i.
- Measured using stated capacity, number of machines.