Gender pay gap and market access

Evidence from India’s districts
Data and Methodology

We look at trade barriers that *producers from different sectors face* to access international market, merging two datasets:

- India Employment and Unemployment Survey data (68th round in 2011-2012 & 55th round in 1999-2000)

- Tariffs applied in *India’s destination markets* (2012, 2000)
What do we find?

Women face higher tariff barriers to export than man in 2000

... and even more so in 2012

Same results also in developed countries (i.e. USA, Germany)
What do we find?

The gap in tariff faced between men and women has increased over 2000-2012

![Graph showing the gap in tariff faced between men and women across income deciles. The y-axis represents the average tariff faced change in percentage, while the x-axis represents income deciles from 1 to 10. The graph indicates a significant increase in the tariff gap for both male and female across different income deciles.]
### Impact of changes in districts tariffs on changes in mean wages

<table>
<thead>
<tr>
<th></th>
<th>All</th>
<th>Men</th>
<th>Women</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change in district tariffs</td>
<td>-0.646***</td>
<td>-0.620***</td>
<td>-0.515***</td>
</tr>
<tr>
<td></td>
<td>(0.0854)</td>
<td>(0.0925)</td>
<td>(0.102)</td>
</tr>
<tr>
<td>Constant</td>
<td>-3.864***</td>
<td>-4.072***</td>
<td>-2.986***</td>
</tr>
<tr>
<td></td>
<td>(0.202)</td>
<td>(0.223)</td>
<td>(0.304)</td>
</tr>
<tr>
<td>Observations</td>
<td>348</td>
<td>348</td>
<td>335</td>
</tr>
<tr>
<td>R-squared</td>
<td>0.445</td>
<td>0.431</td>
<td>0.196</td>
</tr>
</tbody>
</table>

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1
Preliminary conclusions

- Women face higher barriers to trade.
- The gap in tariffs faced between women and men has increased over the years.
- Trade liberalization is gender neutral.
- The higher tariff barriers that women face are responsible for a big share (around 15%) of the gender pay gap.
- Women can benefit from trade liberalization.