

000000 00000 000000000 000000000 000000000 000000000
 000000000 00 000 00 00000 000000000 000000000

Researchers:

David Atkin
Amit Khandelwal
Adam Osman

Sector(s): Finance

Location: Egypt

Sample: 219 rug producers

Target group: Small and medium enterprises

Outcome of interest: Earnings and income Market access

AEA RCT registration number: AEARCTR-0000069

000000000 : Download from Harvard Dataverse

Research Papers: Exporting and Firm Performance: Evidence from a Randomized Experiment

Partner organization(s): Aid to Artisans, Hamis Carpets

00 000000 000000000 000000000 000000000 0000000000 000 000000000 000000000
 000000000 000000000 00000 000000000 00 000000000 000000000 000000000
 000000000000 00 000000000 0000 000000000 0000000000 . 000000000000 00000
 000000000 000000000 0000 00 000000000 000000000 0000 000000000 000000000
 0000000000 00000000000000 00 00 00 0000000000 00 000000000 000000000 000000000 (Aid to
 Artisans (ATA),)00 0000 000000000 0000 000000000 0000000000 0000000000 000000000 000000000
 0000000000 0000 000000000 000000000 000000000 000000000 000000000 000000000 000000000 0000 000000000
 000000000 000000000 000000000000 0000 0000000000 0000 000000000 0000000000 . 00 0000 000000000
 000000000 000000000000 000000000000 0000000000 0000000000 0000 0000000000 0000 0000000000 0000000000
 0000 000000000 0000000000 0000000000 0000 0000000000 0000000000 0000000000 0000000000 0000000000 0
 000000000000 0000 0000 0000000000 0000000000 000000000000 .

0000000000 0000000000

00 000000000 000000000000 000000000000 000000000000 000000000000 0000 000000000000 000000000000
 000000000000 000000000000 00000 000000000000 00 000000000000 000000000000 000000000000
 0000000000000000 00 000000000000 0000 000000000000 000000000000 000000000000 . 000000000000 0000 000000000000
 0000 000000000000 0000 0000 000000000000 000000000000 000000000000 000000000000 000000000000
 000000 000000000000 000000000000 00 000000000000 000000000000 000000000000 000000000000 000000000000 00 000000000000

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

.....

..... 2013
.....
..... 734
..... 17
..... 1.7
.....

.....
.....
.....
.....
..... 42.5 (..... 7
.....)
..... 646 (102
.....) 12
.....

..... (ATA)
.....
.....
..... 2009
..... - -
.....
..... (ATA)
.....



Woman pushing fabric through a sewing machine

Photo credit: Haitham Fahmy, J-PAL

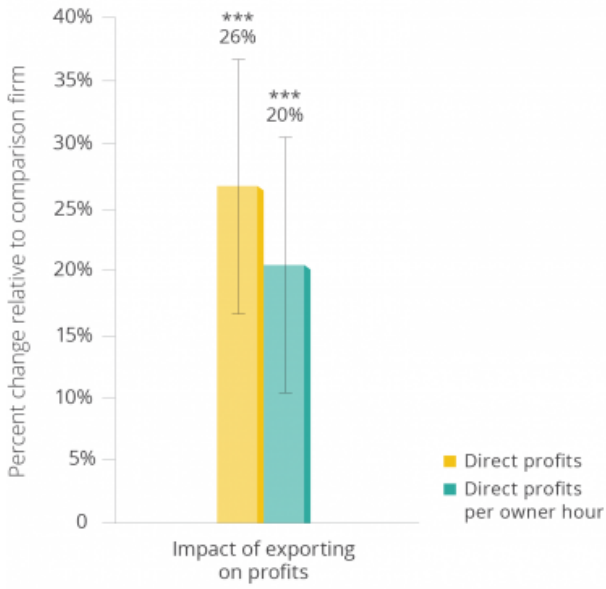
0000000 0000000 00 000000
 00000 00000000 00 00000 000000 00000000 (ATA) 000000 000000 000000
 00000 0000000 000 00000 0000000 0000000 0000000 000000 00 0000 0000
 00000000 000 00000 000 000000000 . 00000 0000 00000 00000000 0000
 0000000 00 00000 000000 00000000 (ATA) 00 00000 00000 00000 00000000 00
 00000000 000000 00 00000000 0000000 0000000 . 00 000 00000000
 0000000 00000 00 00000000 000000 0000000 00 0000000 0000000 0000000
 000000 000 0000000 . 0000000 0000000 00000000 000 000 00000 000 00 0000
 0000000 000000 000000 0000000 000 0000 000 00000 00 0000 00000
 000000 00000 . 0000 00000000 000000 74 00000 00 000 219 0000 00 00000 000000
 00000 000000 00000 0000000 00000000 000000 00000000 000000000 0 00
 00 0000 00 000000 000000 0000 000 0000000 00000000 000 000 145 0000
 00000000 000 00 0000 0000000 00000000 .
 00000 00000 000000 000000000 0000000 000000 0000000 000000 0000000
 00000000 000000 . 00000 00000 00000 000000 0000000 00 000000 000000
 000000 00000000 00000 0000 0000 00000 000000 00000000 00 0000000
 00000000 00000000 00000 0000000 . 0000 00000 00 00000 0000000 0000

000000 00000 00000 00000000 000 000 00 00 000000 00000 00000 000000
 000000 00000 00000 00 0000000 0000000 00000 000 0000 000000 0000000
 00000000 0000000 .
 000 00000000 0000000 000 0000 00000 00000000 000 000 0000 00000 000
 0000 2011 0 2014 0000000 0000000000 00000 00000000 000 000000000 0 00000000
 0000000000 . 000 000 000 000000000 000000000 000000 00000 0000000 0000
 00000 00000000 0000 000000 00 00000 000 000 000 0000000 0000 000 00 000
 0000000 000000000 0000 000000000 0000000 . 000 000000 0000 00000000 000
 000000000 000000 00000 00000000 000 00000 0000 000 00000000 (00 "000000
 0000000 ") 0000000 0000 000000 000000 00000000 000000000 000 000000
 0000000000 . 000000 000 000000000 00000000 00000000 00 0000000 00
 0000000000 0000000000 000000000 0000000 0000000 00000000000 000 00000000
 00000000 000000000 00 0000000 000000000 0000 0000000 000 00000000 .

00000000 00000000 00000000000 00000 0000000000
 00000 000000 000000 000000 0000000 00 000 0000000 0000000 000 00000000 000
 000000 00000000 000 000 000000 000000 00000000 00 0000 000000 00000000
 00000000 00000000 0 000 00000000 000000 0000000 .
 00000000 : 000000 0000000 00000000 00000000 0000000 0000000 000 000 00000
 00000000 00000000 000000 26 00 0000000 0000000 0000000000 00 0000000
 000000000 . 000 000 0000 000000 000 000000 000000 00000000 0000 5 00 0000000
 000 000000 000000 000000 43 00 0000000 00 00000000 0000 000000 000000 00000
 00 000000 000 00000000 . 00000 000000 00000000 000 00000000 0000000 0000000
 0000000 000000000 0000000 00000 00000000 000000000 000 0000000 000
 000000000 0000000 00000000 000 00000000 0000000000 000000 000 000 000 00000
 000000 000 000000 00000000 000000000 .

Figure 1 .

Exporting firms earned higher profits

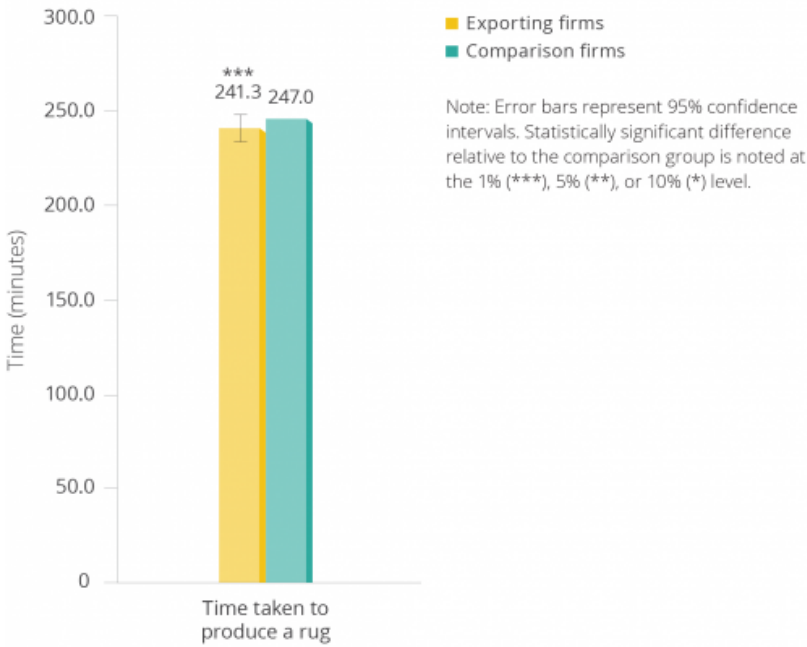
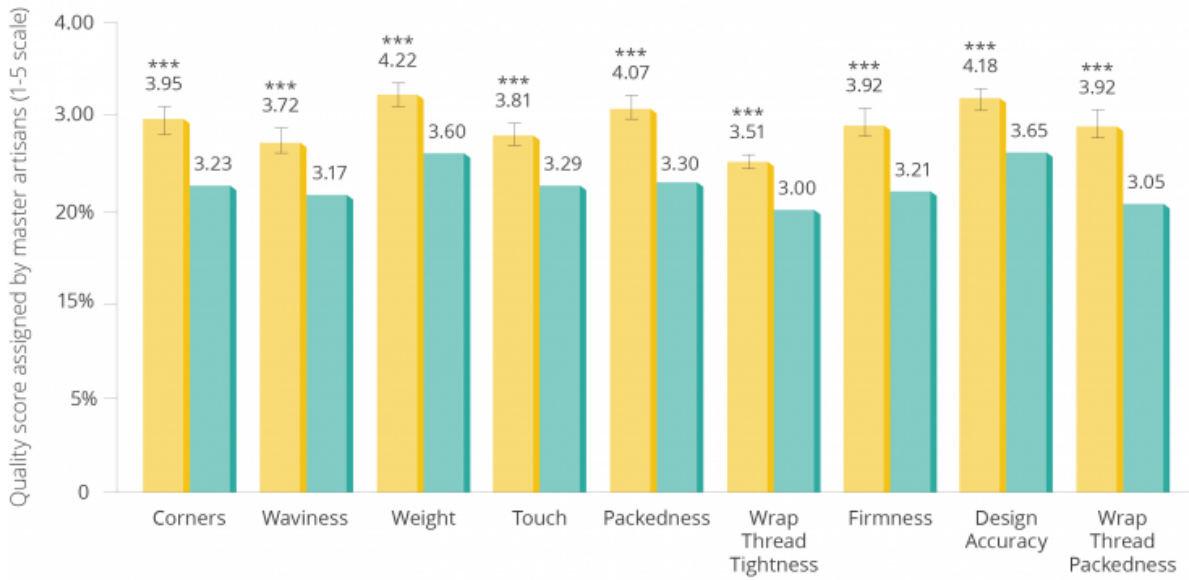


Note: Error bars represent 95% confidence intervals. Statistically significant difference relative to the comparison group is noted at the 1% (***) level.

The impact of exporting on profits is statistically significant at the 1% level (***). The impact on direct profits is 26%, and the impact on direct profits per owner hour is 20%. Both impacts are statistically significant at the 1% level (***). The 95% confidence interval for direct profits is approximately 16% to 37%, and for direct profits per owner hour it is approximately 10% to 30%.

Figure 2 .

Exporting firms produced higher quality rugs in a similar amount of time



The data indicates that exporting firms consistently receive higher quality scores across all measured attributes compared to comparison firms. For example, in the 'Weight' category, exporting firms scored 4.22, while comparison firms scored 3.60. Similarly, for 'Design Accuracy', exporting firms scored 4.18, compared to 3.65 for comparison firms. The only attribute where the comparison firm scored higher was 'Wrap Thread Packedness' (3.05 vs 3.92).

Regarding production time, the difference between the two groups is minimal. Exporting firms took an average of 241.3 minutes to produce a rug, while comparison firms took 247.0 minutes. This difference is statistically significant at the 1% level (***) but represents a very small variation in total production time.

