

Supplemental Materials for “Firm Participation in Voluntary Regulatory Initiatives”

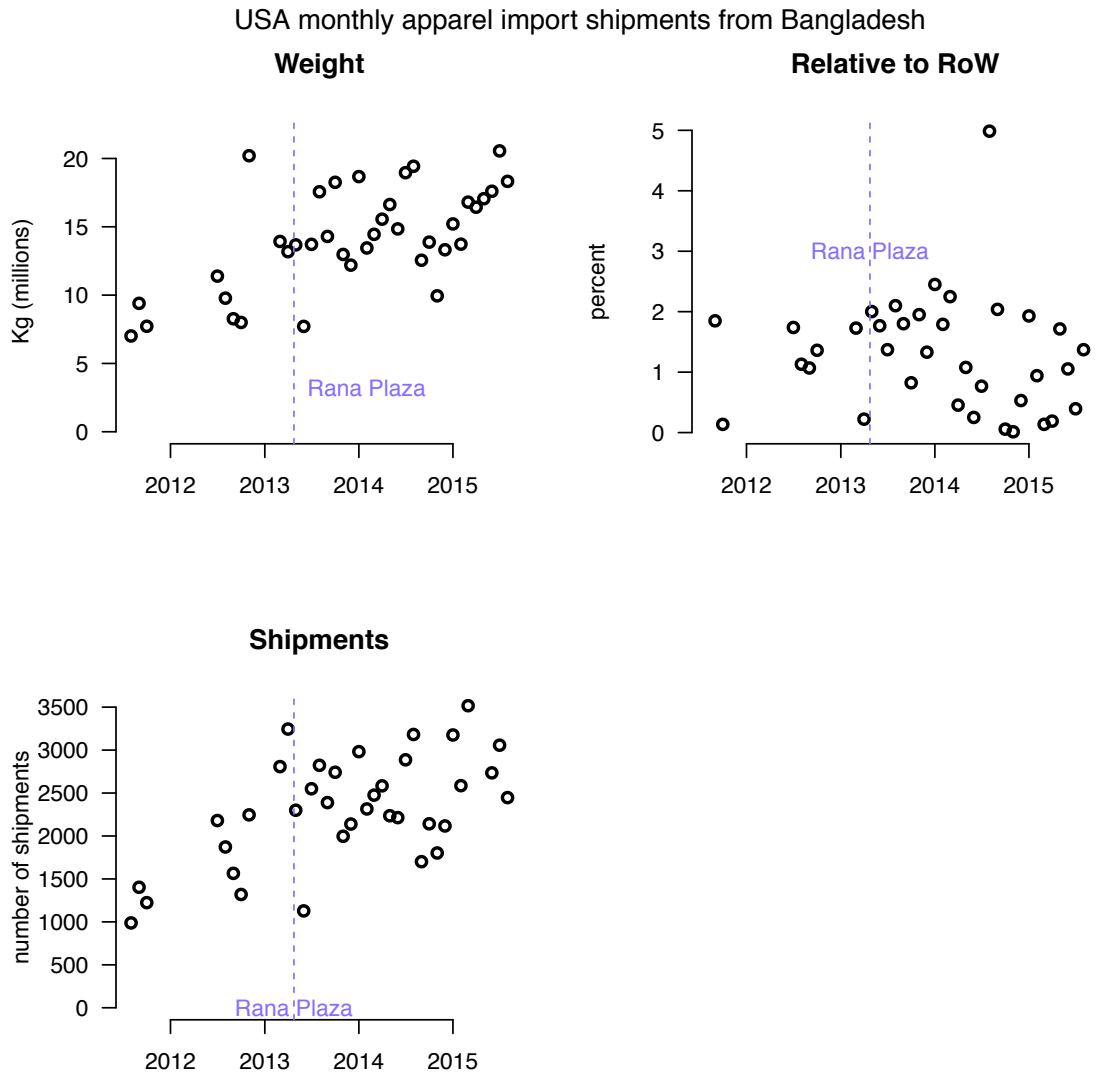
Import Genius search terms

Apparel	Jumper	Silk
Bathing short	Jumpsuit	Sleepwear
Bathing suit	Knit	Sleeved
Baby cloth*	Leisurewear	Sportswear
Bedsread	Lingerie	Sock
Bikini	Loungewear	Stocking
Blazer	Man-made fib*	Sunsuit
Blouse	Manmade fib*	Sweater
Bodyshaper	Mitten	Sweatshirt
Bra	Neckwear	Swimsuit
Breeches	Nightwear	Swimwear
Briefs	Outerwear	Suit
Cardigan	Pajama	T-shirt
Clothing	Pants	T shirt
Clothe*	Pantyhose	Textile
Coat	Pillowcase	Ties
Cotton Sheet	PJ	Towel
Culotte	Playsuit	Tracksuit
Denim	Polo	Trouser
Dress	Pullover	Underwear
Duvet	Pyjama	Uniform
Fabric	Quilt	Workwear
Glove	Robe	Woven
Handkerchief	Sheets	Yarns
Hosiery	Shirt	
Jacket	Shorts	
Jean*	Skort	

Shipping volumes

Figure 1 displays the volume of shipments from Bangladesh. For the purposes of comparison, Import Genius also provided summary data on total shipments arriving to the USA from anywhere in the world *other than* Bangladesh, satisfying the same set of search terms for the same time windows. We refer to these data as “rest of world” (RoW). Data in the figure is aggregated to the monthly level, in terms of kilograms, kilograms from Bangladesh as a percent of RoW weight, and number of shipments. A first glance suggests no noticeable decline in shipments around the April 2013 Rana Plaza event.

Figure 1: US RMG imports from Bangladesh, 2011-15



The dates in our bills-of-lading represent the date of arrival, not the date of order or shipment. Assuming it takes at least 30 days for a shipment to arrive in a US port, it is hard to see a notable, persistent change in the volume of US RMG imports from Bangladesh

around the Rana Plaza event. Moreover, simple regressions of year-on-year changes in monthly volumes displayed no evidence of discontinuity around the Rana Plaza event. There does not appear to be any immediate reduction in Bangladeshi RMG exports to the USA in the aftermath of Rana Plaza.

Table 1: Summary Statistics for Bill-of-Lading Data used in regressions

Variable	N	Values	Counts	Median	SD	Min	Max
Remediation plan (categorical)	1,356	Accord	23				
		Alliance	28				
		Both	1				
		Neither	1304				
Consumer-facing (dummy)	1,356	Yes	307				
		No	1049				
USA HQ (dummy)	1,356	Yes	1095				
		No	261				
Import volume (log kg, pre-Rana Plaza)	1,356			9.91	2.38	2.30	18.1
Publicly traded (dummy)	1,356	Yes	139				
		No	1217				

Table 2: Cross tabulation for key categorical variables

Variable	Overall (N= 1356)	Neither (n = 1304)	Accord (n = 24)	Alliance (n = 28)
Consumer-facing				
No	1049 (77%)	1034 (79%)	6 (25%)	9 (32%)
Yes	307 (23%)	270 (21%)	18 (75%)	19 (68%)
Public				
No	1217 (90%)	1199 (92%)	11 (46%)	7 (25%)
Yes	139 (10%)	105 (8%)	13 (54%)	21 (75%)
USA HQ				
No	261 (19%)	240 (18%)	15 (62%)	6 (21%)
Yes	1095 (81%)	1064 (82%)	9 (38%)	22 (79%)

**Table 3: Which Importers to the USA Signed on to the Accord and the Alliance?
(USA-based firms only)**

	Accord logit	Accord Firth	Alliance logit	Alliance Firth
Constant	-7.08	-6.82	-10.61	-10.26
	(1.56)	(1.41)	(1.47)	(1.40)
Import volume	0.17	0.16	0.48	0.46
	(0.14)	(0.12)	(0.11)	(0.11)
Consumer-facing firm	0.27	0.30	<i>0.93</i>	<i>0.92</i>
	(0.79)	(0.72)	(0.54)	(0.52)
Publicly traded	1.89	1.91	2.49	2.42
	(0.83)	(0.76)	(0.55)	(0.53)
BIC	122		168	
<i>N</i>	1095	1095	1095	1095

Note: Logistic regression parameter estimates with standard errors in parentheses. Bolded quantities achieve $p < 0.05$ and italicized quantities achieve $p < 0.10$, both using two-tailed tests. Firth regressions report p -values from profile likelihoods.

**Table 4: Which Importers to the USA Signed on to the Accord and the Alliance?
(public-facing firms only)**

	Either	Accord	Alliance
constant	-5.88	-3.62	-9.19
	(1.05)	(1.15)	(1.70)
Import volume	0.42	<i>0.20</i>	0.45
	(0.10)	(0.11)	(0.12)
USA HQ	-2.26	-2.98	-0.03
	(0.49)	(0.62)	(0.63)
Publicly traded	1.80	<i>0.91</i>	2.39
	(0.45)	(0.57)	(0.67)
BIC	166.80	118.81	120.26
Num. obs.	307	307	307

Note: Logistic regression parameter estimates with standard errors in parentheses. Bolded quantities achieve $p < 0.05$ and italicized quantities achieve $p < 0.10$, both using two-tailed tests. Firth regressions report p -values from profile likelihoods.

Table 5: Accord signatories as of 2017

Firm	HQ	Public	Appear in Bill of Lading Data?
A&M Holmberg	Finland	NO	NO
Abercrombie & Fitch	USA	YES	YES
Accolade Group	USA	NO	NO
Adidas	Germany	YES	YES
Åhléns/Lagerhaus	Sweden	NO	NO
Aldi Nord	Germany	NO	NO
Aldi Sud	Germany	NO	NO
American Eagle Outfitters	USA	YES	YES
Antigua Group Inc	USA	NO	YES
APG & Co.	Australia	NO	NO
Arcadia Group	UK	NO	YES
Aristocrate Distributor Ltd	UK	NO	NO
Artsana (Chicco, Prenatal)	Italy	NO	NO
Auchan	France	NO	NO
Baumhueter International GmbH	Germany	NO	NO
Bebe Clothing (UK) LTD	UK	NO	NO
Belotex	Germany	NO	NO
Benetton	Italy	NO	NO
Bestseller	Denmark	NO	NO
BHS Ltd.	UK	NO	NO
Bonmarche	UK	NO	NO
Bovi Verdi BV	Netherlands	NO	NO
BrandCo Management Ltd	UK	NO	NO
Brands Fashion	Germany	NO	NO
Bristol	Netherlands	NO	NO
Bruzer Sportsgear LTD	Canada	NO	NO
C&A	Belgium/Germany	NO	NO
Camaieu	France	NO	NO
Carrefour	France	YES	NO
Chantal SAS	France	NO	NO
Character World	UK	NO	NO
Charles Voegelé	Switzerland	YES	NO
Chicca Body Fashion GmbH & Co. KG	Germany	NO	NO
CMT Windfield	France	NO	NO
Colombus Textilvertrieb GmbH	Germany	NO	NO
Comazo GmbH & Co. Kg	Germany	NO	NO
Comtex GmbH	Germany	NO	NO
Coolcat	Netherlands	NO	NO
Coop Danmark	Denmark	NO	NO
Cotton on Group	Australia	NO	YES

Cronytex Sourcing	Hong Kong	NO	NO
Crown Textil GmbH	Germany	NO	NO
Danielle Group plc	UK	NO	NO
Dansk Supermarked Group	Denmark	NO	NO
Daytex Mode	Germany	NO	NO
De Bijenkorf	Netherlands	NO	NO
Debenhams	UK	YES	NO
Deltex	Germany	NO	NO
Designworks Clothing Co. Pty Ltd.	Australia	NO	NO
Distra	Germany	NO	NO
DK Co.	Denmark	YES	NO
DPDB Group	Netherlands	NO	NO
E Leclerc	France	NO	NO
E5 USA, Inc.	USA	NO	NO
Edinburgh Woollen Mill	UK	NO	NO
EIWOTEX	Germany	NO	NO
El Corte Ingles	Spain	NO	NO
Ellos Group	Sweden	NO	NO
EMC Distribution	France	NO	NO
Entrade Manufacturing Co. Limited *	Hong Kong	NO	NO
Ernsting's Family	Germany	NO	NO
Espirit	Germany/Hong Kong	YES	NO
Etam Groep B.V.	Netherlands	NO	NO
Face to Face GmbH & Co.KG	Germany	NO	NO
Fashion Linq	Netherlands	NO	NO
Fashion Team Handels	Austria	NO	NO
Fast Retailing	Japan	YES	YES
Fat Face	UK	NO	NO
Financière d'Aguesseau	France	NO	NO
FIPO Group	Denmark	NO	NO
Florett Textil GmbH & Co.	Germany	NO	NO
Forever New	Australia	NO	NO
Fristad Kansas Sverige AB	Sweden	NO	NO
Fruit of the Loom	USA	NO	YES
Full Service Handels GmbH	Germany	NO	NO
G. Gueldenpfennig GmbH	Germany	NO	NO
Gebra Non Food Handelsges GmbH	Germany	NO	NO
Gekås Ullared AB	Sweden	NO	NO
Gina Tricot AB	Sweden	NO	NO
Glitter Gear LLC	USA	NO	YES
Groupe Casino Ltd.	France	YES	NO
Gruppo Coin/ OVS	Italy	NO	NO
G-Star	Netherlands	NO	NO

H&M	Sweden	YES	YES
HAKRO GmbH	Germany	NO	NO
Hanson Im-und Export GmbH	Germany	NO	NO
Hawkesbay Sportswear Limited UK *	UK	NO	NO
Heinrich Obermeyer GmbH & Co. KG	Germany	NO	NO
Heli Far East Ltd *	Hong Kong	NO	NO
Helly Hansen	Norway	NO	YES
Hema	Netherlands	NO	NO
Hemtex	Sweden	YES	NO
Hess Natur-Textilien GmbH	Germany	NO	NO
HKG Garment Solution GmbH	Germany	NO	NO
Holland House Fashion	Netherlands	NO	NO
Horizonte Textil GmbH	Germany	NO	NO
Horst Krüger GmbH	Germany	NO	NO
Hueren OHG professional outfits	Germany	YES?	NO
HUGO BOSS AG	Germany	YES	YES
Hunkemöller	Netherlands	NO	NO
IC Group	Denmark	YES	NO
ICA Sverige	Sweden	YES	NO
Inditex	Spain	YES	NO
Intersport AB	Sweden	NO	NO
J2 Licensing, Inc	USA	NO	NO
JBC NV	Belgium	NO	NO
Jebsen & Jessen Group	Germany	NO	NO
Jogilo NV	Belgium	NO	NO
John Lewis	UK	NO	NO
Jolo Fashion	Germany	NO	NO
Julius Hüpeden GmbH	Germany	NO	NO
Juritex	Germany	NO	NO
KappAhl	Sweden	YES	NO
Karl Rieker GmbH & Co. KG	Germany	NO	NO
Karstadt	Germany	NO	NO
Kik Textilien	Germany	NO	NO
Killtec Sport	Germany	NO	NO
Klaus Herding GmbH	Germany	NO	NO
K-Mart Australia	Australia	NO	NO
Knights Apparel	USA	NO	YES
Kwintet Sweden AB	Sweden	NO	NO
L.A.T. Sportswear, Inc	USA	NO	NO
Lakeshirts, Inc.	USA	NO	NO
LC Waikiki	Turkey	NO	NO
Licensing Essentials Pty. Ltd.	Australia	NO	NO
Lidl	Germany	NO	NO

Loblaw	Canada	YES	YES
LPP	Poland	YES	NO
Madness Sport	Spain	NO	NO
Malu NV	Belgium	NO	NO
Mango	Spain	NO	YES
Marks and Spencer	UK	YES	NO
Matalan	UK	NO	NO
Mavi	Turkey	NO	NO
Mayoral Moda Infantil, S.A.U.	Spain	NO	NO
Metro Group	Germany	YES	NO
Milords *	UK	NO	NO
Monoprix	France	NO	NO
Morrisons	UK	YES	NO
Mosgen Limited *	Hong Kong	NO	NO
Mothercare	UK	YES	NO
MS Mode Holdings	Netherlands	NO	NO
Multiline Group *	Germany	NO	NO
MV Sport, Inc.	USA	NO	NO
N Brown Group	UK	YES	NO
New Agenda by Perrin	USA	NO	NO
New Frontier GmbH	Germany	NO	NO
New Look	UK	NO	NO
New Wave Group	Sweden	YES	YES
Next	UK	YES	NO
Noni B	Australia	YES	NO
N-TEX	Netherlands	NO	NO
Nu Sourcing Ltd	UK	NO	NO
O'Neill Europe BV	Netherlands	NO	NO
OLYMP Bezner KG	Germany	NO	NO
Orsay GmbH	Germany	NO	NO
OSPIG Textil Logistik GmbH	Germany	NO	NO
OTL Brands Ltd	UK	NO	NO
Otto Group	Germany	NO	YES
Outerstuff Ltd	USA	NO	YES
Pacific Brands	Australia	YES	NO
Padma Textiles	Spain	NO	NO
Pretty Girl Fashion Group	Australia	NO	NO
Primark	UK	NO	NO
Puma	Germany	YES	YES
PVH	USA	YES	YES
PWT Brands (Texman)	Denmark	NO	NO
RAWE Moden	Germany	NO	NO
Reima	Finland	NO	NO

Renaissance Sourcing Limited	UK	NO	NO
Rewe Group	Germany	NO	NO
Rheinwolt Trade & more GmbH i.Gr.	Germany	NO	NO
River Island	UK	NO	NO
RNB Retail and Brands AB	Sweden	YES	NO
S.Oliver	Germany	NO	NO
Sainsbury's	UK	YES	NO
Sandryds	Sweden	NO	NO
Schmidt Group	Germany	NO	NO
Scoop NYC/ Zac Posen	USA	NO	NO
Sean John Apparel	USA	NO	NO
Shop Direct Group	UK	NO	NO
Specialty Fashions Australia	Australia	YES	NO
Stadium	Sweden	NO	NO
Star Brands Apparel Ltd	UK	NO	NO
Steilmann Holdings	Germany	NO	NO
Stockmann Group (Lindex)	Finland	YES	NO
Suprema Strick und Werkwaren	Germany	NO	NO
Switcher	Switzerland	NO	NO
T Shirt International, Inc. *	USA	NO	NO
Takko Holding GmbH	Germany	NO	NO
Tally Weijl Trading AG	Switzerland	NO	NO
Target Australia	Australia	NO	NO
Tchibo	Germany	NO	NO
Techno Design GmbH	Hong Kong	NO	NO
Ted Bernhardt at Work	Sweden	NO	NO
Teddy S.p.A	Italy	NO	NO
Teidem	Netherlands	NO	NO
Tesco	UK	YES	NO
Tex Alliance	Belgium	NO	NO
Texsport BV	Netherlands	NO	NO
The Sting B.V.	Netherlands	NO	NO
Top of the World	USA	NO	YES
Topgrade International	Hong Kong	NO	NO
Topline, Inc.	USA	NO	NO
Transmarina Handelsgesellschaft mbH	Germany	NO	NO
Turfer	USA	NO	YES
TV Mania UK Ltd	UK	NO	NO
Uhlsport GmbH	Germany	NO	NO
Uncle Sam GmbH	Germany	NO	NO
Unibrands AB	Sweden	NO	NO
United Labels AG	Germany	YES	NO
V&D	Netherlands	NO	NO

Van der Erve	Belgium	NO	NO
Varner Retail	Norway	NO	NO
VDR Fashion Group B.V. (Lake Side, Shoeby)	Netherlands	NO	NO
Veldhoven Group	Netherlands	NO	NO
Verburgt Fashion B.V.	Netherlands	NO	NO
Viania	Germany	NO	NO
Vingino	Netherlands	NO	NO
Vistaprint	Switzerland	NO	NO
VOICE Norge AS	Norway	NO	NO
W Republic	USA	NO	NO
We Europe BV	Netherlands	NO	NO
Wibra Supermarkt B.V.	Netherlands	NO	NO
Wilson Design Source Supply	UK	NO	NO
Woolworths Australia	Australia	YES	NO
Workwear Group Pty Ltd.	Australia	NO	NO
Worldtex GmbH	Germany	NO	NO
Wünsche Group	Germany	NO	NO
Y'Organic BV	Netherlands	NO	NO
Yanis Textil Trade GmbH	Germany	NO	NO
Zeeman	Netherlands	NO	NO
Zephyr Headwear	USA	NO	YES

Table 6: Alliance Signatories as of 2017

Firm	HQ	Public	Appear in Bill of Lading Data?
Ariela and Associates	USA	NO	YES
BonWorth	USA	NO	NO
Canadian Tire Corp. Ltd.	Canada	YES	YES
Carter's Inc.	USA	YES	YES
The Children's Place	USA	YES	YES
Costco	USA	YES	YES
Fruit of the Loom	USA	NO	YES
Gap Inc.	USA	YES	YES
Giant Tiger	Canada	NO	NO
Hudson's Bay Co.	Canada	YES	YES
IFG Corp.	USA	NO	YES
Intradeco Apparel	USA	NO	YES
JC Penney Co.	USA	YES	YES
Jordache Enterprises Inc.	USA	NO	YES
The Just Group	Australia	YES	YES
Kate Spade & Co.	USA	YES	NO
Kohl's Department Stores	USA	YES	YES
LL Bean Inc.	USA	NO	NO
M Hidary & Co. Inc.	USA	NO	YES
Macy's	USA	YES	YES
Nine West Holdings	USA	YES	YES
Nordstrom Inc.	USA	YES	YES
One Jeanswear Group	USA	NO	NO
Public Clothing co.	USA	NO	YES
Sears Holdings Corp.	USA	YES	YES
Target Corp.	USA	YES	YES
The Warehouse Group	New Zealand	YES	NO
VF Corp.	USA	YES	YES
Wal-Mart Stores Inc.	USA	YES	YES
YM Inc.	Canada	NO	NO