

1.

$$U_c = \left(\sum_{f \in F_c} X_{fc}^{(\gamma)} \right)^{\lambda} X_{fc} \left(\sum_{i \in I_c} b_{fic} X_{fic}^{(\gamma)} \right)^{\lambda}$$
$$P_{fc} = \left(\sum_{i \in I_c} p_{fic} b_{fic}^{(\gamma)} \right)^{\lambda}$$

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$$\begin{matrix}
 f & c & N_{fc} \\
 N_{fc} & \left\{ p_{fc}(\cdot) \right\} & \left[N_{fc} \right] \\
 & \sum_c^D & \left\{ \begin{matrix} N_{fc} \\ N_{fc} k_{fc} & K_{fc} \end{matrix} \right\} \\
 & & \left[p_{fc}(\cdot) \right] g_{fc}(w_c^{CN}) T_{fc} x_{fc}(\cdot) \\
 & & \left. \right\} (N_{fc}) \\
 & & b_{fc} \quad b_{fc}
 \end{matrix}$$

$$\begin{matrix}
 N_{fc} \\
 \left[\frac{S_{fc}(\cdot)}{(\cdot) S_{fc}} \right] \frac{Y_c}{k_{fc}} \\
 \frac{g_{fc}(N_{fc} w_c^{CN})}{g_{fc} N_{fc} w_c^{CN}} H(N_{fc}) \\
 g_{fc}(\cdot) w_c \quad H(N_{fc}) \quad N_{fc} \quad N_f
 \end{matrix}$$

$$\begin{matrix}
 f & c & f \\
 \frac{N_f}{N_{fc}} \frac{p_{fc} x_{fc}}{p_{fc} x_{fc}} & \frac{N_f}{N_{fc}} & \frac{N_{fc}^{(\cdot)} N_f}{N_{fc}} \\
 \left[\frac{(\cdot) S_{fc}}{S_{fc}(\cdot) S_{fc}} \right] \frac{k_{fc}}{Y_c}
 \end{matrix}$$

$$\begin{matrix}
 f \text{ prov} & f \text{ prov} \\
 \left[\frac{(\cdot) S_{fc}}{S_{fc}(\cdot) S_{fc}} \right] & Y_c \\
 N_f & k_{fc}
 \end{matrix}$$

$$\begin{matrix}
 S_{fc} \\
 p_{fc}(\cdot) \left[\frac{(\cdot) S_{fc}}{(\cdot) S_{fc}} \right] \left[g_{fc}(w_c^{CN}) T_{fc} \right] \left[N_{fc} \right] \\
 \mu_{fc} \quad p_{fc}(\cdot) \quad g_{fc}(w_c^{CN}) \quad \left[N_{fc} \right] \\
 \frac{\mu_{fc}}{\mu_{fc}} \left(\sum_{i=1}^{N_{fc}} \frac{x_{fc}}{p_{fc}} \right) \\
 S_{fc}
 \end{matrix}$$

fic

3.

$$g_{fc}(w_c^{CN})$$

$$S_{fd}(\begin{matrix} CN \\ ct \end{matrix} \begin{matrix} US \\ ct \end{matrix})$$

$$g_{fc}(w_c^{CN})$$

f c i

$$S_{fd}(\begin{matrix} CN \\ ct \end{matrix} \begin{matrix} US \\ ct \end{matrix})$$

d

$$S_{fd}(\begin{matrix} CN \\ ct \end{matrix} \begin{matrix} US \\ ct \end{matrix})$$

d

$$S_{fd}(\begin{matrix} CN \\ ct \end{matrix} \begin{matrix} US \\ ct \end{matrix})$$

1.

$$\text{Tariff}_{ct}^{\text{EXPd}} = \left(\frac{\sum_j \frac{X_{go}^{EL}}{\sum_h X_{cho}^{\text{world}}}}{j} \right)^{\text{MFN}}$$

$$\text{Tariff}_{ct}^{\text{IMPd}} = \left(\frac{\sum_j \frac{M_{go}^{EL}}{\sum_h M_{cho}^{\text{world}}}}{j} \right)^{\text{MFN}}$$

S_{fct}

1

	p_{fict} markup_{fict} $(\text{Tariff}_{ct}^{\text{CHN}})$ $(\text{Tariff}_{ct}^{\text{US}})$ $(\text{Tariff}_{ct}^{\text{IMPd}})$ $(\text{Tariff}_{ct}^{\text{EXPd}})$ GDPpc_c Pop_c sh_s sh_m			

1.

$$p_{fict} = (\text{Tariff}_{ct}^{\text{CHN}}) (\text{Tariff}_{ct}^{\text{US}}) X_{ct} i_{(f)c} t u_{(f)ict}$$

p_{fict}

t

f

c

i

i

f c

((Tariff_{ct}^{CHN}))

((Tariff_{ct}^{US})) X_{ct}

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	p	p adj	p	p adj
(Tariff _α ^{CHN})				
(Tariff _α ^{US})				
	p	p adj	p	p adj
(Tariff _α ^{CHN})				
(Tariff _α ^{US})				

p_adj

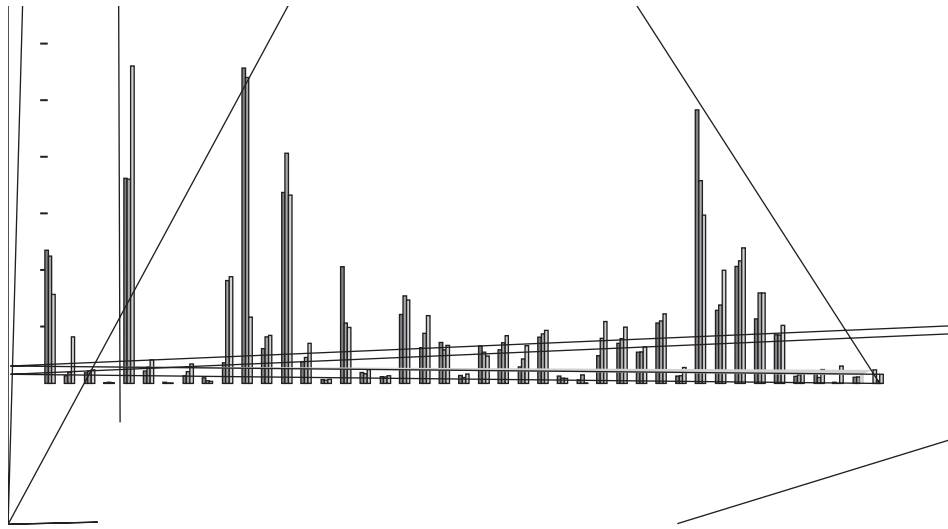
$$\begin{array}{c}
 \text{fc} \\
 \text{Tariff}_{ct}^{\text{CHN}} \\
 \text{f} \quad \text{f c} \quad \text{t} \quad \text{u}_{\text{fc}} \\
 \text{C} \quad \text{f} \\
 \frac{\left(\frac{\text{fc}}{\text{S}_{\text{fct}}} \right) \text{S}_{\text{fct}}}{\text{S}_{\text{fct}} \left(\frac{\text{fc}}{\text{S}_{\text{fct}}} \right)} \\
 \text{X}_{ct} \quad \text{f} \quad \text{f d} \quad \text{t}
 \end{array}
 \quad
 \begin{array}{c}
 \text{Tariff}_{ct}^{\text{US}} \\
 \frac{\left(\frac{\text{fc}}{\text{S}_{\text{fct}}} \right) \text{S}_{\text{fct}}}{\text{S}_{\text{fct}} \left(\frac{\text{fc}}{\text{S}_{\text{fct}}} \right)} \\
 \text{X}_{ct}
 \end{array}$$

c f

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(Tariff _{ct} ^{CHN})		
(Tariff _{ct} ^{US})		



1

2.

$$p_{\text{fict}}(\text{markup}_{\text{fict}}) \sim \text{Tariff}_{\text{ct}}^{\text{CHN}} \sim \text{Tariff}_{\text{ct}}^{\text{US}} X_{\text{ct}} \\ i \quad r \quad (f)c \quad t \quad u_{\text{fict}} \\ i \quad r \quad c \quad t$$

$$p_{\text{fict}}(\text{markup}_{\text{fict}}) \sim \text{Tariff}_{\text{ct}}^{\text{CHN}} \sim \text{Tariff}_{\text{ct}}^{\text{US}} \sim \text{Tariff}_{\text{ct}}^{\text{CHN}} \frac{\text{import}_{\text{co}}}{\text{export}_{\text{co}}} \\ \sim \text{Tariff}_{\text{ct}}^{\text{US}} \frac{\text{import}_{\text{co}}}{\text{export}_{\text{co}}} X_{\text{ct}} \quad i \quad (f)c \quad t \quad u_{\text{fict}}$$

$$\left(\frac{\text{Net Export}_{\omega}}{\text{GDP}_{\omega}} \text{Tariff}_{\text{ct}}^{\text{CHN}} \right)$$

3.

$$\left(\frac{\text{Export}_{\omega}}{\text{GDP}_{\omega}} \text{Tariff}_{\text{ct}}^{\text{US}} \right) \quad \left(\frac{\text{Import}_{\omega}}{\text{GDP}_{\omega}} \text{Tariff}_{\text{ct}}^{\text{CHN}} \right)$$

$$\left(\frac{\text{Net Export}_{\omega}}{\text{GDP}_{\omega}} \text{Tariff}_{\text{ct}}^{\text{US}} \right)$$

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(Tariff _{ct} ^{CHN})			
(Tariff _{ct} ^{US})			

Trade Tariff and Retail Price in China

Abstract

Smoot-Hawley Tariff Act