



Model: W DST Equation terms, first equation matrix row, and sample equation for the banked equation group - WLDevar

WLDtx world base export weighted average export tax

export tax	world avg. tx
<b>tx</b>	:ROWbx ))
<b>FOODA</b>	-



constant +SUMPRODUCT(USAbx|:ROWbx|,USAtx|:ROWtx|)/(0.000001+SUM(USAbx|:ROWbx|))

WLDtm world base import weighted average import tax

import tax	world avg. tm
<b>tm</b>	ROWbm ))
<b>FOODA</b>	-



constant +SUMPRODUCT(USAbm|:ROWbm|,USAtm|:ROWtm|)/(0.000001+SUM(USAbm|:ROWbm|))

WLDxs sum of country/region exports

world xs supply	world exports
<b>xs</b>	s :ROWxs )
<b>FOODA</b>	-



constant +SUM(USAxS|:ROWxs|)

### Summary of Equations for the World Market Clearing Mechanism

WLDmd sum of country/region imports

world md demand	world imports
<b>md</b>	:ROWmd )
<b>FOODA</b>	-



constant +SUM(USAmD|:ROWmd|)

WLDnt sum of country/region net trade

world trade	world net trade
<b>nt</b>	nt :ROWnt )
<b>FOODA</b>	-



constant +SUM(USAnt|:ROWnt|)

WLDcp world base import weighted competitiveness index

wld. compet.	im. wtd. cp
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<b>cp</b>	ROWbm))
<b>FOODA</b>	-

constant +SUMPRODUCT(USAbm|:ROWbm|,USAcpl:ROWcp|)/(0.000001+SUM(USAbm|:ROWbm|))

WLDbx sum of country/region base exports

base exports	sum wld exports
<b>bx</b>	ROWbx )
<b>FOODA</b>	-



constant +SUM(USAbx|:ROWbx|)

WLDbm sum of country/region base imports

base imports	sum wld imports
<b>bm</b>	ROWbm )
<b>FOODA</b>	-



constant +SUM(USAbm|:ROWbm|)

WLDbi world base import weighted average import price

base im. price	world avg. bi
<b>bi</b>	ROWbm ))
<b>FOODA</b>	-



constant +SUMPRODUCT(USAbm|:ROWbm|,USAbi|:ROWbi|)/(0.000001+SUM(USAbm|:ROWbm|))

WLDbt world base import weighted average import tariff

base im. tariff	world avg. bt
<b>bt</b>	ROWbm ))
<b>FOODA</b>	-



constant +SUMPRODUCT(USAbm|:ROWbm|,USAbt|:ROWbt|)/(0.000001+SUM(USAbm|:ROWbm|))

WLDcfl

world net trade	sum net trade
<b>cfl</b>	cfl:ROWcfl )
<b>cfl</b>	-



constant +SUM(USAcfl:ROWcfl|)

WLDbop world total bop

bal. of payments	world bop
<b>bop</b>	:ROWbop)
<b>bop</b>	-



constant +SUM(USAbop:ROWbop)

WLDxrt world average exchange rate

av. exch. rate	average xrt
<b>xrt</b>	rt:ROWxrt)
<b>xrt</b>	-



constant +AVERAGE(USAxrt:ROWxrt)