



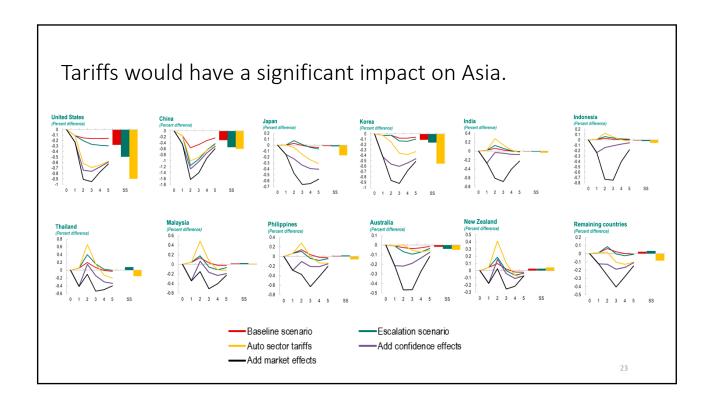
Modeling trade tensions: two models

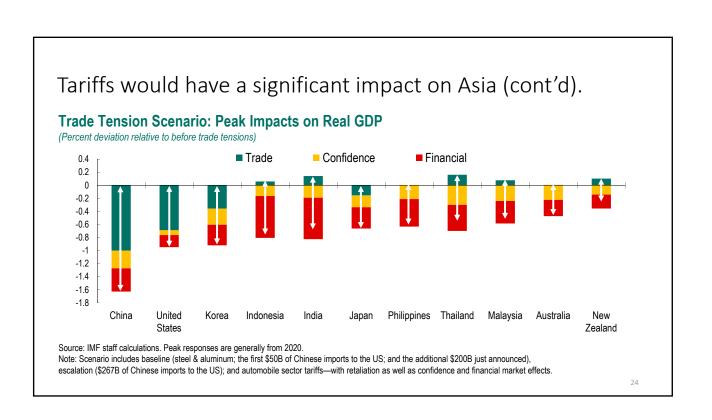
• Global Integrated Monetary and Fiscal model (GIMF) – a dynamic stochastic general equilibrium model that sheds light on short- and medium term macroeconomic consequences.

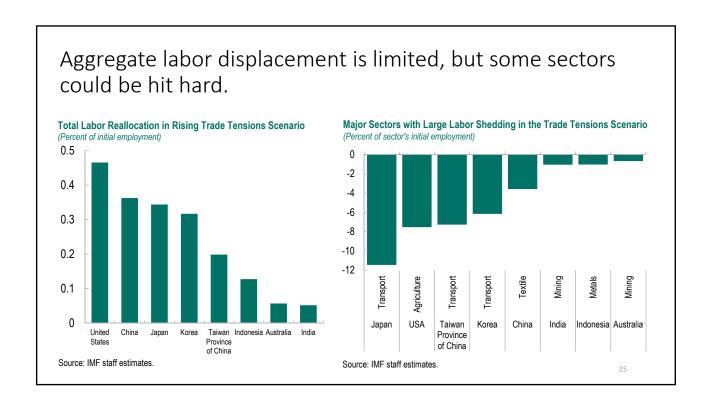
	Channel	Calibration
Trade	Lower relative demand for imports, also investment and consumption effects	Current and proposed tariff actions
Confidence	Lower private business investment	Economies' trade openness relative to that of the U.S.
Financial	Higher corporate spreads lead to lower private business investment	Historic episodes and current credit ratings

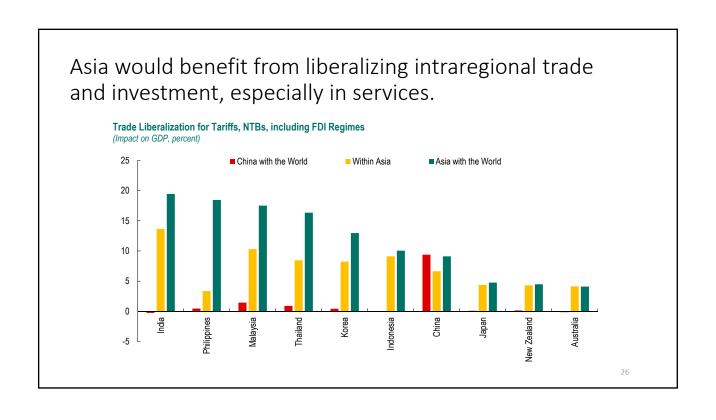
• **Ricardian Trade Model** – additional detail on how individual 44 economies and 35 sectors would be affected in the long term while also accounting for global value chains.

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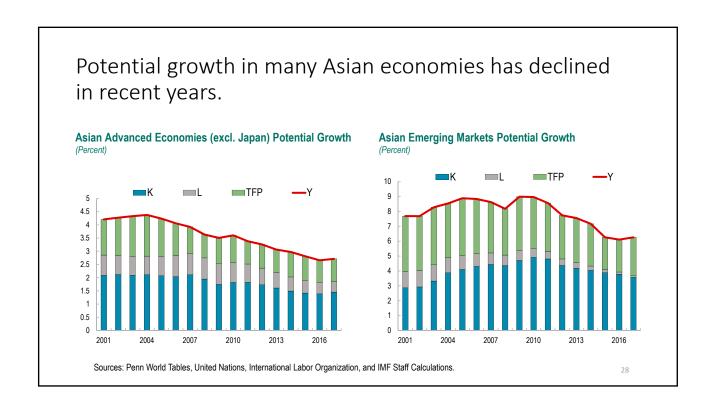


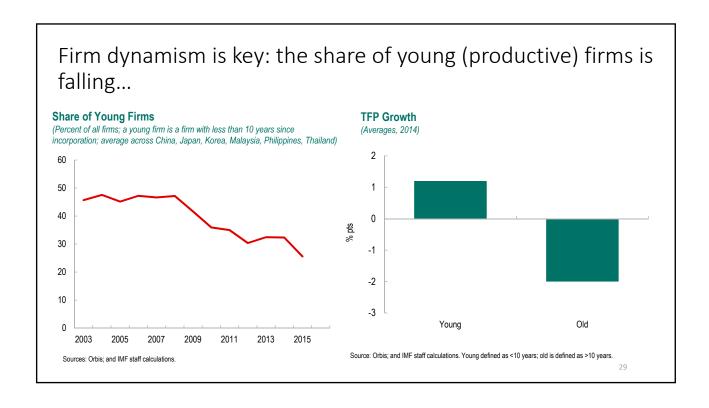


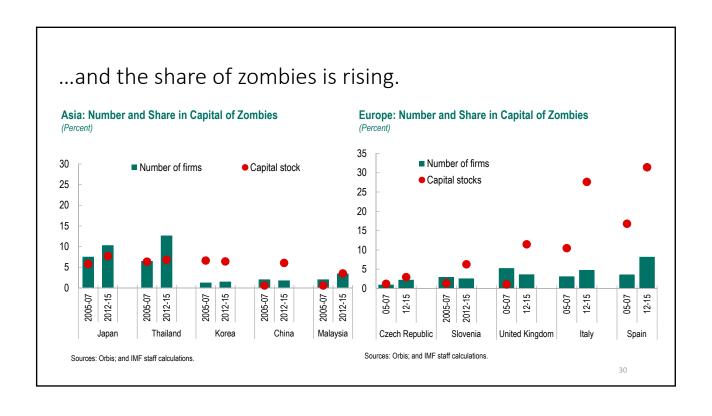




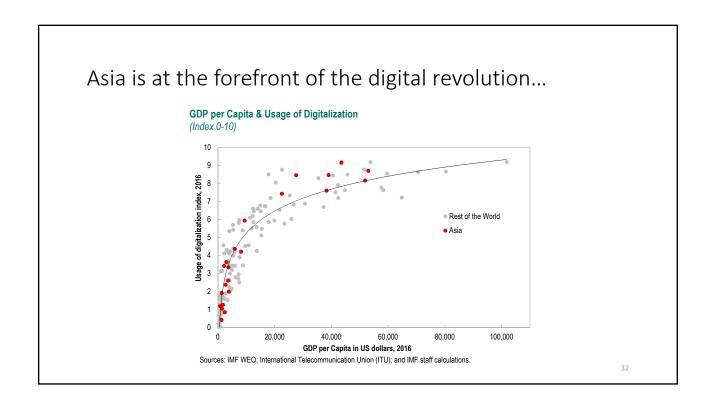


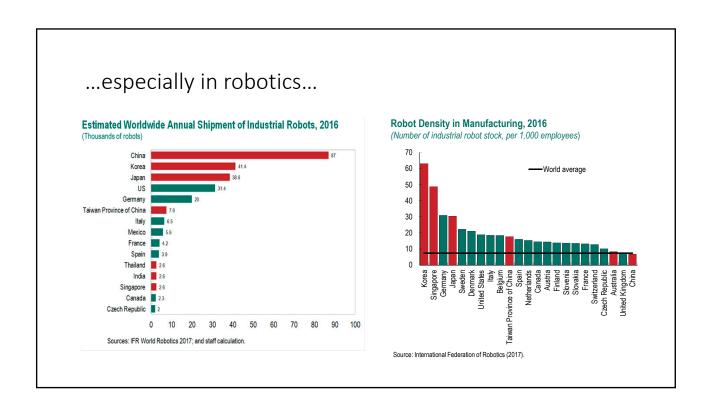


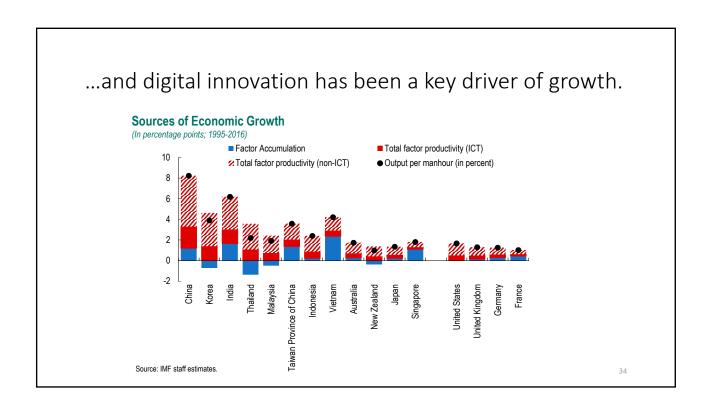


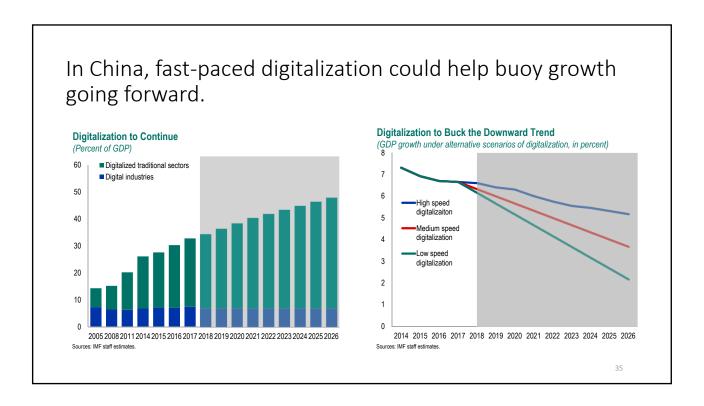


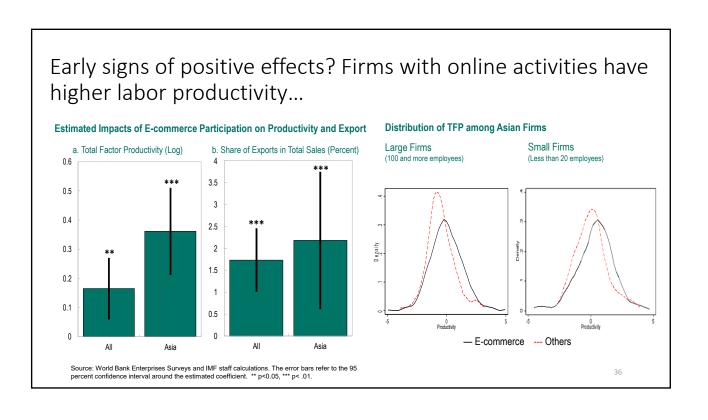


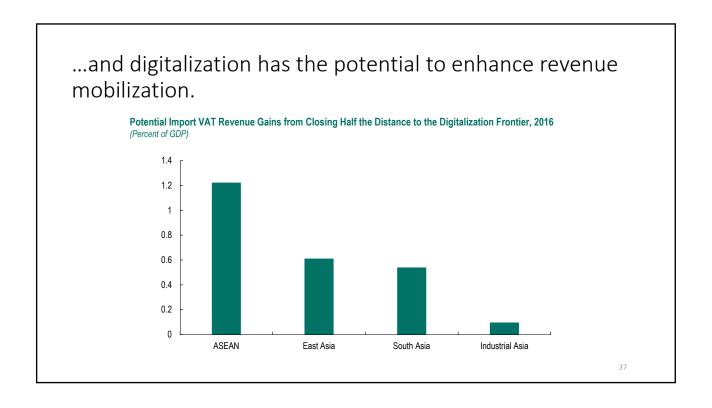


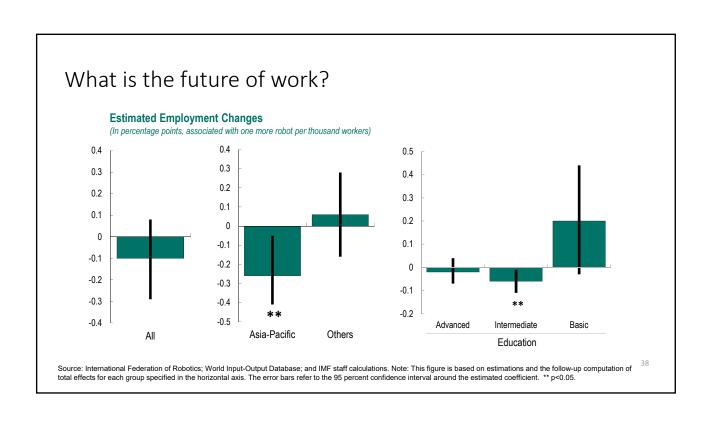














Policymakers should aim for prudent macro policies in the short run...

Challenging current global environment:

- · Monetary policy normalization in AEs.
- USD appreciation and renminbi depreciation.
- · EM volatility.
- · Higher oil prices.
- · Trade tensions.

IMF's general policy advice:

- Exchange rate flexibility should be the first line of defense, serving as a shock absorber and allowing greater monetary policy independence.
- Monetary policy should be set in line with domestic inflationary pressures, and tightened if depreciation poses risks to inflation.
- MPMs and microprudential policies should be used to manage the financial cycle, particularly where the real and financial cycles diverse
- CFMs on outflows should be used only in case of crisis or imminent crisis, and should be removed when the situation normalizes.
- FX intervention should be used to address disorderly market conditions and where there are balance sheet concerns, provided that reserves levels are adequate.
- Fiscal policy should focus on building buffers, supporting inclusive long-term growth, and reducing excessive external imbalances.

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...complemented by structural reforms to address longrun challenges and sustain inclusive growth.

Challenges in the longer-term:

- Intra-regional trade integration be strengthened to buffer the region from externally-generated trade tensions and promote Asia as both the source and destination of trade.
- Declining potential growth and drop in aggregate productivity.
- Digitalization may lead to financial disruptions and higher inequality, even as it eventually boosts productivity.

IMF's policy advice:

- Liberalize regional trade and investment, especially in services.
- Promote firm dynamism, lower zombie congestion, and foster innovation and openness.
- Implement policies to soften the labor market impact of new technologies and enhance financial stability.
- Improve education, infrastructure, and regulatory environments to benefit fully from digitalization.

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