



Discussant response to "Inflation and misallocation in New Keynesian models"

by Cavallo, Lippi, and Miyahara

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Observation #1:

"Price-management" activities are part of doing business.

Price-management always incurs costs and costs are higher when inflation is higher.

Costs businesses face when they set prices

(Zbaracki et al., 2004)

- Physical, or menu costs
- Managerial costs such as information gathering, decision-making and communication
- Customer costs, such as communicating and negotiating prices

The most important factors in pricing decisions

(Bruine de Bruin et al., 2023)

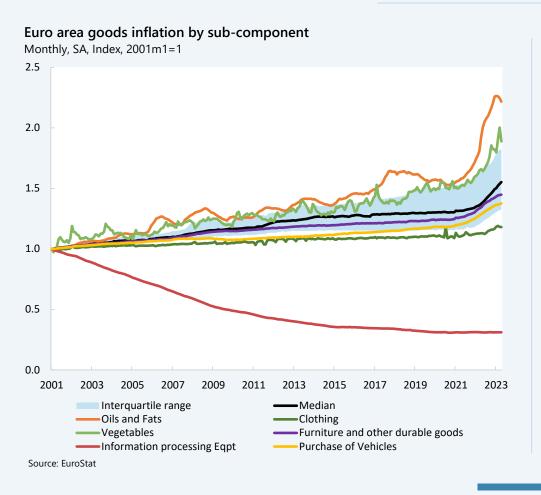
- Strength of demand
- Maintaining steady profit margins
- Wages and labour costs
- Competitors' prices
- Non-labour costs
- Overall rate of inflation
- Problems with supply chains
- Borrowing rates and the cost of capital

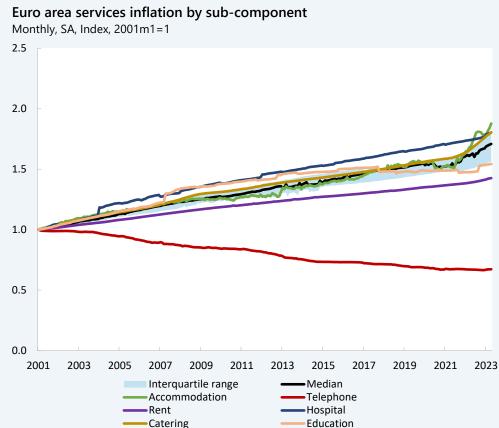
Observation # 2:

Households always have to spend time or money to plan, budget, and shop.

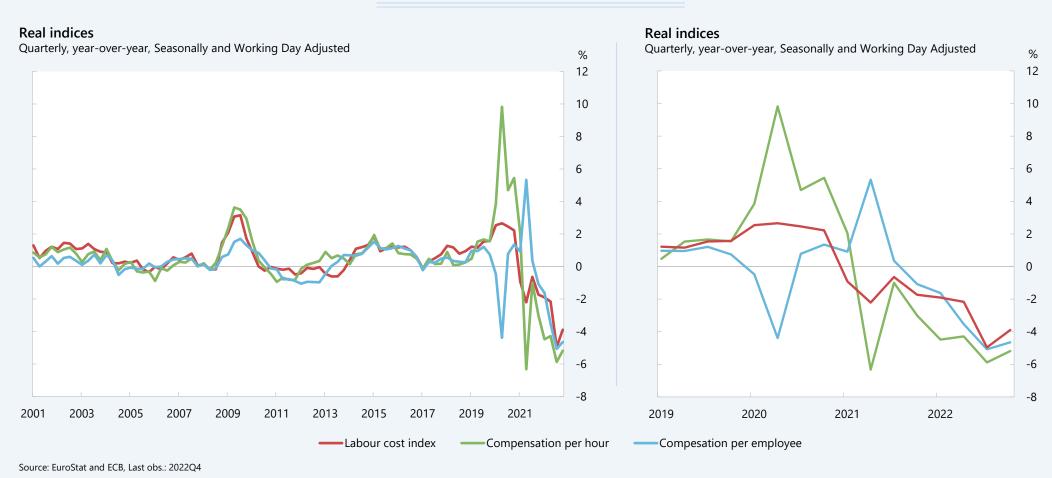
These costs are higher when inflation is higher.

Prices of individual goods and services follow different trends and some prices are volatile





Real wages have been declining year-over-year since 2021



Consumers in Germany reported changing their shopping behaviour due to inflation

Actions taken due to inflation among online shoppers in Germany

	By net household income						By household size				
	< 15,000 €	15,000 € - 20,000 €	20,000 € - 30,000 €	30,000 € - 40,000 €	40,000 € - 50,000 €	50,000 € - 75,000 €	1 person	2 persons	3 persons	4 persons	5 persons and more
Buying cheaper products	77%	72%	67%	64%	61%	59%	74%	68%	58%	62%	69%
Using more vouchers/coupons	45%	46%	45%	49%	52%	50%	46%	49%	49%	48%	47%
Using BNPL services more often	19%	17%	15%	15%	12%	16%	13%	15%	15%	15%	19%
Cancelled shopping subscriptions	16%	16%	16%	18%	17%	23%	13%	13%	26%	23%	22%
Sending products back earlier than before	12%	12%	15%	15%	17%	17%	12%	11%	23%	19%	17%
Other	6%	2%	2%	3%	4%	1%	4%	3%	2%	3%	5%

Note: Which actions have you taken facing the rising costs due to inflation? Multi-pick, Base: n = 3,185 online shoppers in Germany (Split sample) Source: ecommerce DB and Statista

Date of the survey: May 30, 2023

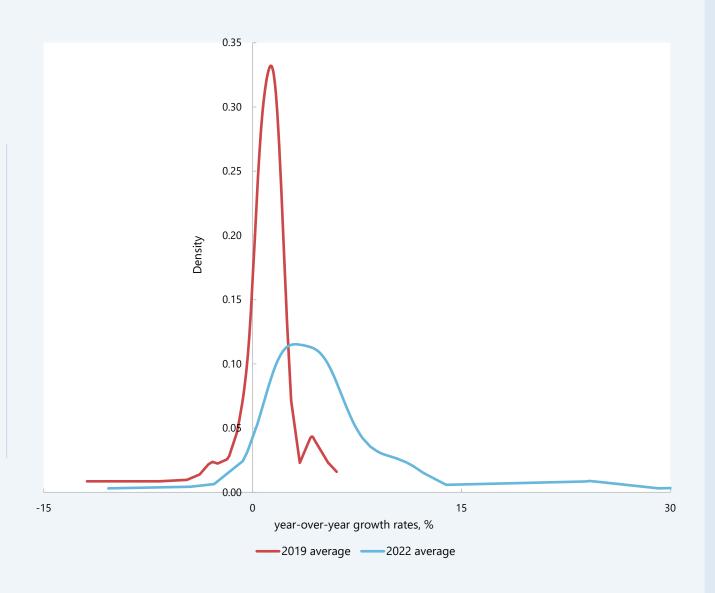
Observation # 3:

Financial system participants always have to manage risks.

With greater uncertainty when inflation is higher, costs of managing risks are also higher.

The distribution of inflation rates by HICP component shifted higher and dispersion increased (2019 to 2022)

Kernel distribution of year-overyear euro area HICP inflation rates



Summarizing, higher inflation tends to:

- Raise price-management costs for businesses... and reduce productivity.
- Raise planning, budgeting, and shopping costs for consumers...
 and reduce consumer welfare.
- Increase uncertainty and raise costs of managing risks, including inflation risk premiums.

