

When value and price collide

What is and isn't acceptable in pricing can highlight fascinating insights into how consumers and businesses behave



Imagine you've bought tickets for yourself, another adult and two children to see a film at the local cinema of a national chain. You then search online and find you could have paid nearly half if you saw the same film with the same chain but somewhere else. This does not seem fair. This example is taken from a [BBC](#) press report noting parents' objections to paying £34.16 (\$40) for tickets to a cinema in Carmarthen in Wales compared with £19.00 in Cardiff, the Welsh capital. That's 45 percent less.

The accusation of price gouging seems reasonable at first glance

A lack of alternative cinemas and therefore competition in Carmarthen has been blamed by a campaigner for the difference. To rub salt in the wounds, the price for similar tickets at the closer Welsh city of Swansea was £22.96 – still 33% lower. The objection is easy to understand, especially when parents are trying to entertain children during holidays and weekends, and when budgets are stretched. It's useful to note that incomes around Carmarthen are about 25 per cent lower than in Cardiff. The accusation of price gouging seems reasonable at first glance. After all, the cost

of putting on the film is unlikely to be nearly double in one location compared with the other. The price difference and consumer reaction provide some interesting illustrations of how consumers and businesses behave.

When different pricing for similar goods is and is not acceptable

People's willingness to accept different prices for similar goods is something that has been discussed many times by both traditional and behavioural economists. A traditional approach may recognise transactions costs, differences in quality, the convenience of getting something immediately, and supply and demand differences in specific places. On convenience and transactions costs, it appears reasonable from a traditional approach to pay extra and see the film in Carmarthen. After all, it takes about one hour and twenty minutes to drive from Carmarthen to Cardiff. A near three-hour round trip involves significant costs in both time and money which could wipe out the price difference. The 42-minute one-way drive to Swansea could do the same.



Source: www.geograh.org.uk Hywel Williams
The Vue cinema, Swansea

Behavioural approaches also suggest staying in Carmarthen to be a sensible choice. A common example of irrationality is the willingness of some to travel a half hour to get a certain amount off a low priced item (for example, to get a £5 discount on a £10 book) but unwilling to travel the same time for the same discount on a higher priced item (for example, to get the same £5 discount on a £50 jacket). According to both traditional and behavioural approaches, it is rational for the families to see the film in Carmarthen than travel to Cardiff. But that does not make it fair.

Defining fairness

Fairness is a tricky concept, especially when it comes to pricing. There have always been “sharp” operators – those who take advantage of their position to make a quick return. [A classic example](#) from the behavioural literature is the local hardware store that increases the price of the snow shovels during a heavy snowstorm. People consider that unfair. But if the hardware store needs to buy new stock to meet a surge in demand, and increases prices as a result, that is considered fair. The important thing appears to be to give people a reasonable explanation for the price

differences. In technical terms, people have a reservation price or a reference point that they are prepared to accept as a fair price to pay. Stray too far from the reservation price and you can be accused of being unfair. Economics Nobel laureate Richard Thaler explained this in [this article](#) back in 1983.

Stray too far from the reservation price and you can be accused of being unfair

Figuring out the appropriate reference price may depend on what is considered normal. For example, people seem willing to accept that a bank or other lender can and should charge a higher interest on a loan when the person borrowing the money has a poor credit history and therefore a greater risk of not paying the money back. Similarly, people are prepared to pay the same amount for goods at a national chain of supermarkets in a provincial town where commercial rents for the store are much lower than in a major city. One factor here could be that the reference prices appear to be set at the higher level appropriate to the major city. There is no need to imply that people are getting a bargain by shopping in the provincial town than the major city. Another important aspect is how easy it is to compare different prices. The example of the cinema chain highlights two challenges to the reference price. First, it was easy to compare prices. Second, it was seen as charging a higher price in one place rather a lower price in another. People feel as if they are losing – and losses are felt much more severely than gains, as we explain [here](#).

Technology and fairness in pricing

Technology has the potential to change what we consider fair. The ability to change prices quickly as demand increases or decreases is one of the noticeable differences in the way that technology is changing the way prices are set. Companies that adopt a platform approach, where suppliers of a service can decide whether or not to work, may argue that higher prices in times of high demand encourage more suppliers to work and keep the ultimate price lower than it would have been otherwise. For example, if it starts raining and more people want taxis, increasing the price might encourage more drivers to stay on the road instead of going home because they have already made the amount of income they need that day.

Technology has the potential to change what we consider fair

People seem willing to accept this type of surge pricing but not different prices for the same good between customers based on data profiling from their internet search or social media activities. What is and is not acceptable in pricing has always been debated. New technology is presenting new challenges to this debate. The hard-pressed cinema goers in Carmarthen have a point. So too does the cinema chain. I have no idea whether enough people attend the cinema in Carmarthen to make it profitable. If not, new technology may even come to the rescue with some form of video streaming being a possible substitute to the traditional cinema experience.

Note: this article is based on a Twitter exchange between the author and Koen Smets

(@koenfucius). Koen has written elegantly on this topic [here](#).

Author

Alissa Lefebre

Economist

alissa.lefebvre@ing.com

Deepali Bhargava

Regional Head of Research, Asia-Pacific

Deepali.Bhargava@ing.com

Ruben Dewitte

Economist

+32495364780

ruben.dewitte@ing.com

Kinga Havasi

Economic research trainee

kinga.havasi@ing.com

Marten van Garderen

Consumer Economist, Netherlands

marten.van.garderen@ing.com

David Havrlant

Chief Economist, Czech Republic

420 770 321 486

david.havrlant@ing.com

Sander Burgers

Senior Economist, Dutch Housing

sander.burgers@ing.com

Lynn Song

Chief Economist, Greater China

lynn.song@asia.ing.com

Michiel Tukker

Senior European Rates Strategist

michieltukker@ing.com

Michal Rubaszek

Senior Economist, Poland

michal.rubaszek@ing.pl

This is a test author

Stefan Posea

Economist, Romania

tiberiu-stefan.posea@ing.com

Marine Leleux

Sector Strategist, Financials

marine.leleux2@ing.com

Jesse Norcross

Senior Sector Strategist, Real Estate

jesse.norcross@ing.com

Teise Stellema

Research Assistant, Energy Transition

teise.stellema@ing.com

Diederik Stadig

Sector Economist, TMT & Healthcare

diederik.stadig@ing.com

Diogo Gouveia

Sector Economist

diogo.duarte.vieira.de.gouveia@ing.com

Marine Leleux

Sector Strategist, Financials

marine.leleux2@ing.com

Ewa Manthey

Commodities Strategist

ewa.manthey@ing.com

ING Analysts

James Wilson

EM Sovereign Strategist

James.wilson@ing.com

Sophie Smith

Digital Editor

sophie.smith@ing.com

Frantisek Taborsky

EMEA FX & FI Strategist

frantisek.taborsky@ing.com

Adam Antoniak

Senior Economist, Poland
adam.antoniak@ing.pl

Min Joo Kang
Senior Economist, South Korea and Japan
min.joo.kang@asia.ing.com

Coco Zhang
ESG Research
coco.zhang@ing.com

Jan Frederik Slijkerman
Senior Sector Strategist, TMT
jan.frederik.slijkerman@ing.com

Katinka Jongkind
Senior Economist, Services and Leisure
Katinka.Jongkind@ing.com

Marina Le Blanc
Sector Strategist, Financials
Marina.Le.Blanc@ing.com

Samuel Abettan
Junior Economist
samuel.abettan@ing.com

Franziska Biehl
Senior Economist, Germany
Franziska.Marie.Biehl@ing.de

Rebecca Byrne
Senior Editor and Supervisory Analyst
rebecca.byrne@ing.com

Mirjam Bani
Sector Economist, Commercial Real Estate & Public Sector (Netherlands)
mirjam.bani@ing.com

Timothy Rahill
Credit Strategist
timothy.rahill@ing.com

Leszek Kasek
Senior Economist, Poland
leszek.kasek@ing.pl

Oleksiy Soroka, CFA

Senior High Yield Credit Strategist
oleksiy.soroka@ing.com

Antoine Bouvet
Head of European Rates Strategy
antoine.bouvet@ing.com

Jeroen van den Broek
Global Head of Sector Research
jeroen.van.den.broek@ing.com

Edse Dantuma
Senior Sector Economist, Industry and Healthcare
edse.dantuma@ing.com

Francesco Pesole
FX Strategist
francesco.pesole@ing.com

Rico Luman
Senior Sector Economist, Transport and Logistics
Rico.Luman@ing.com

Jurjen Witteveen
Sector Economist
jurjen.witteveen@ing.com

Dmitry Dolgin
Chief Economist, CIS
dmitry.dolgin@ing.de

Nicholas Mapa
Senior Economist, Philippines
nicholas.antonio.mapa@asia.ing.com

Egor Fedorov
Senior Credit Analyst
egor.fedorov@ing.com

Sebastian Franke
Consumer Economist
sebastian.franke@ing.de

Gerben Hieminga
Senior Sector Economist, Energy
gerben.hieminga@ing.com

Nadège Tillier

Head of Corporates Sector Strategy
nadege.tillier@ing.com

Charlotte de Montpellier
Senior Economist, France and Switzerland
charlotte.de.montpellier@ing.com

Laura Straeter
Behavioural Scientist
+31(0)611172684
laura.Straeter@ing.com

Valentin Tataru
Chief Economist, Romania
valentin.tataru@ing.com

James Smith
Developed Markets Economist, UK
james.smith@ing.com

Suvi Platerink Kosonen
Senior Sector Strategist, Financials
suvi.platerink-kosonen@ing.com

Thijs Geijer
Senior Sector Economist, Food & Agri
thijs.geijer@ing.com

Maurice van Sante
Senior Economist Construction & Team Lead Sectors
maurice.van.sante@ing.com

Marcel Klok
Senior Economist, Netherlands
marcel.klok@ing.com

Piotr Poplawski
Senior Economist, Poland
piotr.poplawski@ing.pl

Paolo Pizzoli
Senior Economist, Italy, Greece
paolo.pizzoli@ing.com

Marieke Blom
Chief Economist and Global Head of Research
marieke.blom@ing.com

Raoul Leering

Senior Macro Economist

raoul.leering@ing.com

Maarten Leen

Head of Global IFRS9 ME Scenarios

maarten.leen@ing.com

Maureen Schuller

Head of Financials Sector Strategy

Maureen.Schuller@ing.com

Warren Patterson

Head of Commodities Strategy

Warren.Patterson@asia.ing.com

Rafal Benecki

Chief Economist, Poland

rafal.benecki@ing.pl

Philippe Ledent

Senior Economist, Belgium, Luxembourg

philippe.ledent@ing.com

Peter Virovacz

Senior Economist, Hungary

peter.virovacz@ing.com

Inga Fechner

Senior Economist, Germany, Global Trade

inga.fechner@ing.de

Dimitry Fleming

Senior Data Analyst, Netherlands

Dimitry.Fleming@ing.com

Ciprian Dascalu

Chief Economist, Romania

+40 31 406 8990

ciprian.dascalu@ing.com

Muhammet Mercan

Chief Economist, Turkey

muhammet.mercan@ingbank.com.tr

Iris Pang

Chief Economist, Greater China

iris.pang@asia.ing.com

Sophie Freeman

Writer, Group Research
+44 20 7767 6209

Sophie.Freeman@uk.ing.com

Padhraic Garvey, CFA

Regional Head of Research, Americas

padhraic.garvey@ing.com

James Knightley

Chief International Economist, US

james.knightley@ing.com

Tim Condon

Asia Chief Economist

+65 6232-6020

Martin van Vliet

Senior Interest Rate Strategist

+31 20 563 8801

martin.van.vliet@ing.com

Karol Pogorzelski

Senior Economist, Poland

Karol.Pogorzelski@ing.pl

Carsten Brzeski

Global Head of Macro

carsten.brzeski@ing.de

Viraj Patel

Foreign Exchange Strategist

+44 20 7767 6405

viraj.patel@ing.com

Owen Thomas

Global Head of Editorial Content

+44 (0) 207 767 5331

owen.thomas@ing.com

Bert Colijn

Chief Economist, Netherlands

bert.colijn@ing.com

Peter Vanden Houte

Chief Economist, Belgium, Luxembourg, Eurozone

peter.vandenhoute@ing.com

Benjamin Schroeder

Senior Rates Strategist

benjamin.schroeder@ing.com

Chris Turner

Global Head of Markets and Regional Head of Research for UK & CEE

chris.turner@ing.com

Gustavo Rangel

Chief Economist, LATAM

+1 646 424 6464

gustavo.rangel@ing.com

Carlo Cocuzzo

Economist, Digital Finance

+44 20 7767 5306

carlo.cocuzzo@ing.com