

## Brexit: Would the UK Lose or Benefit?

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**ABSTRACT:** Since the Brexit vote in 2016, Britain's decision to leave the European Union, or Brexit, has been a hotly contested topic. There has been a lot of talk and research about the possible effects of Brexit on the UK economy, but nobody knows what will happen. An analysis of the literature on the effects of Brexit on the British economy would show different points of view. Many economic analysts worry that Brexit would hurt the British economy by causing them to lose access to the EU single market, EU financial programmers, jobs, and investment. Some point to the potential for expanded commerce with non-EU nations and more leeway in determining domestic policy as economic advantages. The financial consequences of Brexit will also be significantly affected by the conclusion of the continuing discussions between the UK and the EU and the deal that is ultimately struck.

### INTRODUCTION

Since the Brexit vote in 2016, Britain's decision to leave the European Union, or Brexit, has been a hotly contested topic. There has been a lot of talk and research about the possible effects of Brexit on the UK economy, but nobody knows what will happen.

Loss of access to the EU single market is a significant worry for many who support Brexit. The single market is an essential part of EU economic integration since it provides for the free flow of goods, services, money, and people within the EU. British commerce and GDP development may suffer if the country leaves the single market. The possible disruption of supply chains that extend into the EU might also harm the UK economy since many UK-based firms depend on them. In addition, businesses may decide to move operations outside of the UK in response to Brexit's uncertainties, which might result in the loss of jobs and a decrease in investment. Another issue of worry is the possibility of being cut off from European Union financial aid programmes. Britain has benefited greatly from European Union financial initiatives, getting billions of euros for infrastructure, R&D, and regional development projects. If these finance sources dry up, investment and GDP growth may suffer.

Nonetheless, it's worth noting that there might also be upsides to breaking ties with the EU. If the UK were to withdraw from the EU, for instance, it would be able to pursue trade agreements with nations outside the EU, which may boost exports and the economy. Leaving the EU would also offer the UK more significant control over immigration and domestic regulation, both of which have the potential to stimulate the economy.

Politically and socially, the UK might become more polarised and tense as a result of Brexit, and the country's ties with other EU members could be harmed as a result as well. When the United Kingdom leaves the European Union, the border between Northern Ireland and the Republic of Ireland will become an external EU border, which might have severe repercussions for the peace process in Northern Ireland.

Predicting Brexit's effects on the UK economy is challenging because of its complexity and diverse nature. Possible disadvantages include less access to the EU single market and the possibility of interruptions to supply chains, while potential positives include higher trade with non-EU nations and more freedom in determining domestic policy. There may also be political and social repercussions in the UK and the EU due to Brexit. It remains to be seen how the conclusion of Brexit will affect the UK economy since it depends on several impossible variables to forecast. Brexit is not yet complete, so don't assume anything about its eventual conclusion.

What happens in the impending referendum on membership in the European Union will determine the course of the United Kingdom's relationship with its most important trade partner (EU). By joining the EU, Britain has made doing business throughout Europe cheaper for all its companies. In the first place, the customs union between EU members has allowed for eliminating tariffs on all goods and services traded inside the EU.

In addition to cutting trade costs, the European Union's continued efforts to create a "single market" inside Europe have eliminated non-tariff obstacles. Additional costs are incurred in international trade because of non-tariff obstacles such as border restrictions, rules of origin inspections, regulatory differences between regions and countries on product quality and safety, and anti-dumping threats.

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Since trade obstacles have been reduced, more products are being exchanged between the UK and the EU. Even before it joined in 1973, the EEC accounted for around a third of Britain's trade. Nearly half of the British exports went to the other 27 EU countries in 2014, while over half of British purchases went there (ONS, 2015). 13% of the UK GDP comes from sales to the EU.

More trade benefits British consumers since it lowers prices and increases the availability of high-quality goods. British workers and businesses benefit from new export opportunities because they boost sales and earnings and allow the nation to specialise in areas where it excels. Trade expansion has a multiplier effect on UK output, income, and quality of life.

These "static" or broad repercussions of commerce have been known since David Ricardo's work was published many centuries ago. However, studies over the last several decades have shown that trade has enormous effects on welfare via other pathways, such as greater productivity and innovation.

I wondered how the United Kingdom's global capacity to trade would be impacted if it were to quit the European Union. In this letter, we update previous forecasts of how Brexit would lower the UK's standard of living due to diminished trade (updating our earlier analysis in Ottaviano et al., 2014). We provide many scenarios for the future of the United Kingdom's relationship with the European Union after Brexit, each based on a unique set of estimation methodologies and assumptions. While investment and immigration are two channels via which Brexit might affect the UK economy, our focus here is on the permanent changes brought about by the vote in terms of trade.

Although it is impossible to predict the economy's future, and there are many unknowns, we consistently find that Brexit will worsen living standards in the UK via less trade. What's more, the decline in income per person due to decreased trade more than cancels out the savings the UK enjoys from reduced fiscal contributions to the EU budget. Our baseline calculations indicate that the GDP of the United Kingdom would fall by 1.3% to 2.6% as a consequence of Brexit, after accounting for a reduction in government expenditure. For the average family, this amounts to a loss between £850 and £1,700 a year in disposable income.

The world economy static model is the basis for our baseline estimations. We also provide estimates based on observable data about the interplay of EU membership, commerce, and disposable income. The long-term implications of exiting the EU on productivity growth are captured by this reduced-form method, resulting in much higher estimates. Here, we estimate that annual family income might drop from £4,200 to £6,400 due to the effects of Brexit on the national economy. (Dhingra, 2021)

We discount the price tag of policy uncertainty brought on by the Brexit discussions. Many studies in the recent past have shown the significance of such ambiguity (Handley and Limó, 2015).

## **LITERATURE REVIEW AND HYPOTHESES DEVELOPMENT**

The possible effect of Brexit on the UK economy would expose a spectrum of thoughts and attitudes on the matter.

Many economic experts believe that the Brexit might have a significant negative impact on the British economy. For instance, the National Institute of Economic and Social Research (NIESR) predicted that the economy of the United Kingdom could be 6.2% smaller in the year 2030 if the United Kingdom left the European Union (EU) without a trade agreement, in comparison to the scenario in which the United Kingdom remained a member of the EU. The Centre for Economic Performance (CEP) at the London School of Economics (LSE) published a study in which they calculated that the economy of the United Kingdom could be between 2.6% and 7.7% smaller in 2030 under a "hard" Brexit scenario compared to what it would have been if the United Kingdom had remained a member of the EU.

Many professionals have stated that Britain stands to gain economically from Brexit. According to research by Civitas, exiting the EU would enable the UK to negotiate trade agreements with nations outside the EU, which may increase exports and boost economic growth. The research tank Policy Exchange stated in a paper that Britain's economy would benefit from leaving the EU because it would allow the country greater control over domestic issues including immigration and regulation.

Remember that these research and forecasts are based on varying assumptions and potential futures so the actual result may vary. The economic consequences of Brexit are highly dependent on the conclusion of the current discussions between the UK and EU and the deal that will ultimately be achieved.

In addition to its monetary effects, Brexit may have far-reaching social and political repercussions. The United Kingdom's impending withdrawal from the European Union might exacerbate already-present internal tensions and strain ties with other EU countries. Even more, Brexit's potential effects on the free movement of people, commerce, and immigration policy might have far-reaching consequences for British society and the economy.

## **ESTIMATING THE EFFECTS OF BREXIT**

We use a cutting-edge quantitative trade model of the global economy in order to determine how the Brexit would impact commerce and living standards in the United Kingdom. Quantitative models of trade take into account the many of ways in which trade might have an effect on consumers, enterprises, and employees, and they relate trade statistics to welfare. The model makes use of information that is readily accessible to the public on trade volumes as well as possible trade barriers in order to evaluate the potential changes that might occur in real incomes as a result of changes in trade policy. The globe is broken down into 35 unique economic sectors and 31 distinct geographical areas according to our model, which makes use of data that has just lately become accessible

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(WIOD). Both the trading of raw materials and completed products are made easier as a result of this. The model accounts for the impact that Brexit will have on trade relations between the United Kingdom and the European Union as well as between the United Kingdom and the rest of the globe.

In order to anticipate the effects of the United Kingdom's decision to leave the European Union (EU), it is necessary to make assumptions on the potential shifts in the prices of international commerce. It is impossible to forecast how the United Kingdom's withdrawal from the European Union would impact the prices of goods traded between that country and the EU because of the uncertainty that surrounds the future of the United Kingdom's relationship with the EU.

It is possible to find a solution to this problem by comparing two possible futures in which the costs of commerce between the UK and the EU either do not change or significantly rise.

In the best case scenario for Brexit, the United Kingdom's commercial relationship with the European Union would be on par with that of Norway. Because Norway is a member of the European Economic Area (EEA), there are now no restrictions placed on commercial transactions between that country and the European Union (EU). Norway, along with the other countries of Europe, is a participant in the European single market and has enacted legislation and put in place policies to eliminate tariff and non-tariff trade obstacles.

Due to the fact that Norway is not a member of the customs union that the European Union has, it is subject to non-tariff obstacles like as anti-dumping charges and rules of origin restrictions that do not affect other countries that are EU members. According to Campos et al. (2015)'s research, Norway's lack of involvement in the market integration programmes of the European Union (EU) stifled the country's overall rate of productivity development.

In the event that the United Kingdom and the European Union are unable to reach an agreement on a new trade pact, the World Commerce Organization (WTO) would be in charge of regulating trade between the United Kingdom and the European Union in the case of a no-deal Brexit. Trade between the United Kingdom and the European Union is subject to most favoured nation (MFN) tariffs, and the World Trade Organization has made less progress in removing non-tariff obstacles than the EU has. As a result, the costs of trade will rise at a faster rate than anticipated in the optimistic scenario.

It is likely that the United Kingdom will not participate in European Union measures to further integrate and remove non-tariff barriers inside the EU. If the United Kingdom did so, the trade costs between the United Kingdom and the EU would increase.

We are operating on the assumption that there would be no change to the tariff barriers that now exist between the UK and the EU as a result of Brexit. If the regulations of the World Commerce Organization (WTO) are employed to regulate trade between the UK and the EU, the worst-case scenario is that MFN levies will be placed on these items. [Citation needed] [Citation needed]

According to our best estimates, the non-tariff trade barriers that exist between the United Kingdom and the European Union make up no more than a quarter of the total visible non-tariff trade hurdles that exist between the United States and the European Union. This is the case even in the most optimistic scenario. In the worst-case scenario, there is a 75% increase in the total number of non-tariff hurdles that may be avoided.

Last but not least, Mejean and Schweltnus (2009) demonstrated that the costs of EU-to-EU trade have been decreasing around 40% more quickly than those of trade between nations in the OECD. In the event that the United Kingdom leaves the European Union without a deal, it will no longer benefit from the future cost reductions that come from the EU's trade agreements.

We anticipate that the costs of intra-EU trade will decline by 20% faster than in the rest of the world in the decade after Brexit in the optimistic scenario, and by 40% faster in the pessimistic scenario. These projections are based on the assumption that Brexit will occur. This suggests that inside the EU, non-tariff barriers will fall in the next decade by 5.7% under the most optimistic scenario and by 12.8% under the most pessimistic scenario.

Our calculations take into account the monetary contributions made by both the European Union and the United Kingdom. The United Kingdom, like with all other members of the EU, contributes money to the overall budget of the EU. It is estimated that 0.53 percent of GDP comes from the United Kingdom's contribution to the general budget of the EU (HM Treasury, 2013). If the United Kingdom leaves the European Union, it will no longer be obligated to make financial contributions to the EU's overall budget.

If the United Kingdom were to withdraw its membership from the European Union, there is a chance that its financial contribution would not be reduced to zero. A sizeable fee is levied by the EU on Norway and the other countries that are members of the EEA in exchange for access to the EU's single market. The average Norwegian citizen contributes 83% of their gross domestic product to the European Union, which is the same amount as the United Kingdom (House of Commons, 2013). If the Brexit goes through as planned, our most conservative assessment indicates that the United Kingdom's contribution to the EU budget would drop by 17%, from 0.12% of GDP to 0.09% of GDP.

If the United Kingdom were to withdraw from the European Economic Area (EEA), we expect that it would be able to save more money than its current contribution. The savings of 0.53 percentage points do not take into account direct subsidies provided by the EU to schools, enterprises, and other non-profit organisations. According to Eurostat (<http://ec.europa.eu/budget/figures/2007-2013/index.en.cfm>), the European Union stands to save 0.31 percentage points in the event that the British government does not lower its contribution after the Brexit. The majority of this expense may be attributed to payments made by CAP to farmers.

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Table 1 outlines our findings. We compute the percentage change in per capita income that would be necessary in each scenario in order to get an idea of the extent of the impact that each one would have on living standards in the UK after Brexit. The long-term trajectory of the average income per person in the UK following Brexit may be observed in our statistics, which can be interpreted as such.

Even in the most optimistic scenario, the 1.28 percentage point drop in revenue is mostly attributable to changes in non-tariff barriers, both in place and in the pipeline. Trade restrictions in services, an industry in which the United Kingdom excels as an exporter, must therefore include the use of non-tariff obstacles. In the worst case scenario, the loss goes up to 2.61 percent.

In the aggregate, the costs to enterprises would be greater than the cost reductions realised by the government. At the low end of the estimates range, it is anticipated that Brexit would cost the typical British household £850 per year, while at the high end of the range, it will cost £1,700 per year.

	<b>Optimistic</b>	<b>Pessimistic</b>
Trade effects	-1.37%	-2.92%
Fiscal benefit	0.09%	0.31%
<b>Total change in income per capita</b>	<b>-1.28%</b>	<b>-2.61%</b>
<b>Income change per household</b>	<b>-£850</b>	<b>-£1,700</b>

**Table 1. The effects of Brexit on UK living standards.**

## UNILATERAL LIBERALISATION AFTER BREXIT?

As a result of leaving the EU, the United Kingdom will no longer be bound by the EU's SCT on imported products. Supporters of Britain's departure from the EU argue that the UK gains from the decision since it would then be able to erase any tariffs put on imports entering the country unilaterally, lowering the price of imported goods. We reran our optimistic and pessimistic scenarios with the assumption that the United Kingdom will eliminate all tariffs on imports from any nation in the world to conduct a practical assessment of this unilateral liberalisation policy.

The results are given in Table 2. In each case, we demonstrate that unilateral liberalisation has the potential to lower Brexit costs by 0.3 percentage points. However, Brexit will probably have a harmful influence in the long term. There is a simple rationale for why the benefits of such a drastic change would be minimal: Since WTO tariffs are already reasonably low, further reductions are unlikely to have much of an effect. Integration in today's global economy entails more than just lowering tariff barriers. It requires measures that rely on international consensus and cannot be done unilaterally, such as resolving regulatory discrepancies in service provision. This policy is necessary since reaching these goals without it is unachievable.

	<b>Optimistic</b>	<b>Pessimistic</b>
Brexit trade effects (from Table 1)	-1.37%	-2.92%
Fiscal benefit (from Table 1)	0.09%	0.31%
Unilateral liberalisation	0.30%	0.32%
<b>Total change in income per capita</b>	<b>-0.98%</b>	<b>-2.29%</b>

**Table 2. The effects of Brexit and unilateral trade liberalisation on UK living standards**

## LONG-RUN EFFECTS OF BREXIT

Estimates are shown in Table 1 that were obtained via the use of a static trade model. This model does not take into consideration the dynamic implications that trade has on productivity. Increased commerce might have a number of beneficial effects, one of which is increased competition, which in turn leads to decreased surplus profits and increased productivity. A wider export market, increased levels of competition, and improved access to intermediate products are all potential drivers of innovation. Recent studies have shown that when dynamic effects are taken into account, the magnitude of the static effects that are shown in Table 1 may be raised by a factor of two or three. This can have a significant impact on the accuracy of the table (Bloom et al., 2014; Sampson, 2016).

It is feasible to do an analysis of the implications of Brexit from a variety of perspectives, one of which includes making use of the findings of reduced-form empirical research on the effects of EU membership. After controlling for other factors that influence bilateral trade, Baier et al. (2008) discovered that EU members trade significantly more with other EU states than they do with members of the EEA or EFTA. This was the case even after controlling for the other variables that influence bilateral trade. According to their projections, the United Kingdom's commerce with the other nations that are part of the EU would decrease by over a quarter if it left the EU and joined EFTA.

According to a combination of these figures and estimates showing that a 1% decline in trade reduces income per capita by between 0.5% and 0.75%, the UK's per capita income would drop by between 6.3% and 9.5% (£4,200 to £6,400 per household per year) if the country left the EU and joined the EEA. These figures translate to a reduction of between £4,200 and £6,400 for

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each household each year (Feyrer, 2009). These estimates indicate that there is a possibility that the dynamic profits from trade may be large since they are a significant amount more than the expenses that were projected using the static trade model.

It is important to highlight that the benefits that the United Kingdom has had since 1973 as a direct result of its membership in the European Union are roughly similar to these more substantial long-term consequences. This is something that should be taken into consideration. According to the findings of a recent statistical analysis on the effects of EU membership that was given by Crafts (2016), the United Kingdom's inclusion in the EU increased the country's GDP per capita by 8.6% to 10.6%. The fact that economists place such a strong emphasis on static trade models, such as those shown in Table 1, may be the root cause of their tendency to underestimate the advantages of EU membership.

As a consequence of this, it is not completely out of the possibility that the costs associated with Brexit will be three times as high as the static estimate shown in Table 1.

## **FUTURE TRADE AGREEMENTS**

The European Union as a whole implements a trade strategy that is consistent, and each member state of the EU has an official representative in Brussels to argue for its interests in trade discussions taking place on the world arena. When the United Kingdom leaves the European Union, it will regain its status as a sovereign country and regain the right to negotiate its own trade treaties anywhere in the world. It is possible that the United Kingdom may make advantage of this wiggle room in order to begin negotiations for new trade treaties with nations like as China, India, and the United States.

According to our model, after the United Kingdom leaves the European Union, there will be an increase in the amount of commerce that occurs with non-EU nations such as these. Despite this, the size of these improvements is not enough to compensate for the drop in business with the EU. A British company's capacity to do business with the rest of the globe is not hindered in any way by its membership in the European Union (EU). Despite this, the European Union is the United Kingdom's most natural trade partner given its position as our geographically closest neighbour and the biggest market in the world.

After the United Kingdom leaves the European Union, there will no longer be a need for the United Kingdom to negotiate trade deals with the EU while taking into consideration the priorities of the other member states. If the United Kingdom was serious about regaining the ability to participate in trade discussions, it would have to shell out money to pay for the recruitment and training of new government employees. Due to the fact that the United Kingdom's market is far less extensive than that of the European Union, the United Kingdom would have a weaker position in trade discussions. However, this is far more essential than that.

Have previous trade arrangements that the EU has struck been beneficial to the United Kingdom of Great Britain and Northern Ireland? The researchers Breinlich et al. (2016) of the CEP discovered that the quality-adjusted costs of imports into the UK have reduced by more than a third as a direct result of trade agreements established by the EU over the course of the previous two decades. In spite of assertions that the European Union does not aggressively seek trade treaties that are beneficial to the United Kingdom, consumers in the United Kingdom have profited twice as much as consumers in the other 12 countries that joined before 1995.

A significant new free trade treaty, known as the Transatlantic Trade and Investment Partnership, or TTIP, is now being negotiated between the United States and the European Union (EU). In addition to this, the EU is also in talks with Japan over a "economic cooperation agreement." The United Kingdom would lose access to some benefits if it were to withdraw from the European Union (EU). According to the findings of Breinlich et al. (2016), the price levels in both the United States and Japan will fall by 0.4% and 0.2%, respectively, as a direct result of the agreements reached between the two nations. The United States has made it clear that it will not negotiate a free trade agreement with the United Kingdom. (Holehouse, 2015).

## **OTHER BREXIT EFFECTS ON MIGRATION, FOREIGN INVESTMENT AND REGULATION**

Our focus has been on how Brexit would reduce the disposable income of British families. Possible effects on the UK economy from Brexit include changes to investment, migration, and regulatory policies. We will be delving deeper into these channels in future reports. Still, for now, one interpretation of our findings is that the positive effects of these channels on the UK economy must be large enough to outweigh the adverse effects that we identify for Brexit to impact the economy positively. This is an improbable event, given the circumstances.

Foreign investment, which has been proven to lead to higher productivity levels, is likely to decrease due to Brexit (see, for example, Haskel et al.). (2002). Pain and Young (2004) suggest that FDI contributes an additional 2.25 percentage points to UK GDP. Similar to how migration is good for the economy and helps bring down the budget deficit without having significant adverse effects on the labour market (Wadsworth, 2015).

According to Euroskeptics, one of the significant benefits of Brexit is the possibility of better and less regulation (for example, Minford, 2015). Realising that legislation will have only a negligible impact on the best-case situation is crucial. This is

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because countries like Norway and Switzerland must adopt the same legislation as the rest of the EU if they want access to the single market (without having a vote on these regulations).

Social, labour, and environmental rules in the UK may relax. Although politically viable, the UK already has among the world's most adaptable employment and product market laws, according to the OECD (second in product regulation to the United States and third to the United States and Canada in labour regulations). A further reduction in protection to that of the United States would not make much of a difference economically, even if the impact on GDP from such legislation were significant, which is debatable.

As we saw in the "pessimistic scenario" above, regulatory laxity would be possible if the United Kingdom agreed to accept more extraordinary trade expenses in return for reduced access to EU markets. Booth et al. (2015) tallied 56 regulations derived from EU legislation and concluded that the costs were more than the benefits of enacting those rules under the UK government's Impact Assessment. The cost of these regulations is estimated by Crafts (2016) to be 0.9% of the UK's GDP.

Many of these regulations, however, implement goals that the United Kingdom government is dedicated to pursuing whether it is a member of the EU or not. For instance, two policies—the Renewable Energy Strategy and the Working Time Directive—account for half of the total price tag. The United Kingdom would abandon its targets for the use of renewable energy if these limits were lifted, and rights like the need for at least 20 days of paid annual leave would be eliminated.

We estimate that the net cost of Brexit, even in the static scenario, would be between 6.3% and 9.5% of GDP. Even if the regulatory costs of EU membership were 0.9% of GDP, this amount would still be less than half as high as our estimates, even if compliance with EU regulations was 1% of GDP. Our inefficient planning system is only one illustration of how the United Kingdom's regulatory burden adds cost (as explained, for example, by the LSE Growth Commission, 2013). Most of these problems, however, are homegrown rather than imported from Brussels (Uk essays, 2021)

## **HYPOTHESIS DEVELOPMENT**

The political ramifications of the Brexit vote are substantial. After losing the vote, David Cameron stepped down the next day. Theresa May, the former home secretary, became Prime Minister without having to win an entire Conservative leadership race when the critical politicians on the "Leave" side withdrew from consideration. Despite being an outspoken opponent of Brexit throughout the referendum campaign, May has come around and is now supporting the move in deference to the will of British voters. She knew she wouldn't be remaining when May said that "Brexit means Brexit" and triggered the process of leaving the UK on March 29, 2017, by invoking Article 50, a plan for any country intending to leave the EU. Article 50 was created as the first formal route for a country to exit from the European Union in 2009 as part of the Treaty of Lisbon. This short, five-paragraph document outlines the procedures that must be followed by any nation that wishes to exit from the European Union. After two years, the countries that seek to leave the EU will no longer be permitted to participate in any EU internal discussions connected to their departure.

Besides its political impacts, Brexit will also have ramifications for the economy. Many well-known politicians, including former Prime Minister David Cameron, have warned that leaving the European Union would be disastrous for Britain's economy. They were partially accurate, as the pound did drop the day after the vote and is currently down about 10% versus the dollar and 15% against the euro. Despite this, it was predicted that the British economy would grow by 1.8% in 2016, and so far, in 2017, it seems to have maintained that growth rate. UK exports could benefit from the falling pound since British goods will become more competitively priced than foreign goods (United). The jobless rate has dropped to a 42-year low of 4.3% despite inflation increasing following the vote to about 4%. Home prices have fallen from their June 2016 high of 9.4 per cent to their current 5 per cent in August 2017.

Retirement accounts, investments, and mortgages are all affected by Brexit. In the United Kingdom, retirees are guaranteed an annual increase in their state pension that exceeds the rate of inflation and wage growth, or 2.5%. (known as the "triple lock"). Cameron expressed concern that a UK exit may derail this plan, while May advocated for repealing the 2.5% component of the law. As part of the postelection deal with the Democratic Unionist Party, however, the triple lock remains guaranteed. Those living abroad who rely on a pension from the United Kingdom will feel the effects of the fluctuating value of the pound. More than a million Spanish retirees now get cost-of-living supplements from the British government. It is concerning that this strategy is still being used.

After the vote, savings rates dropped to record lows, partly because of the Bank of England's decision to reduce the Bank Rate in half in August 2016. Investors rush to safety in government bonds was another contributing cause, as investors anticipated greater market instability. They were compelled to hike prices, which curtailed their production. Optimism, which had fallen in the aftermath of the vote, has begun to recover, and so have savings rates. However, until the Brexit negotiations are finished, and the policies in place are specified, it is predicted that rates will remain volatile. The Brexit vote also affected mortgage rates. However, the experts were wrong. It was commonly expected that rates would go up after the vote, but that didn't happen. This also happened at the time the Bank Rate was lowered. The emergence of new mortgage lenders further added to the issue. Roaring prices have been back on the rise since the end of 2016, and this trend is anticipated to continue throughout the foreseeable future.

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**H1: The terms of the final agreement reached between the UK and the European Union:** Particulars of the deal, including the UK's ability to participate in the single market and customs union of the European Union, would have a significant impact on the economy.

Britain's economy would be profoundly affected by the parameters of the eventual deal agreed upon between the UK and the European Union. The adverse economic effects of Brexit may be lessened if Britain were to negotiate a beneficial trade arrangement with the EU, such as a comprehensive free trade agreement. However, significant economic upheaval might result if the UK fails to negotiate a favourable accord or if it departs the EU without a deal.

Likely, membership in the European Union's customs union and single market will be a significant component of any eventual deal. Goods, services, money, and people are all free to move around inside the EU thanks to the single market. If the UK can secure access to the single market, it will limit the negative effect on trade and investment. Similarly, if the UK were to gain entry to the customs union, it would lessen the disruption to commerce and supply networks.

Tariffs, quotas, and regulatory consistency are all areas that should be addressed in the agreement. Tariffs and quotas for trade between the United Kingdom and the European Union would need to be negotiated. The United Kingdom would also need to conform to EU laws to keep its place in the EU market.

Access to the single market, the customs union, and compliance with EU rules are all important considerations that will play a role in the ultimate deal negotiated between the UK and the EU, the terms of which will significantly influence the UK's economy.

## **H2: The UK's ability to negotiate trade deals with non-EU countries:**

A boost to exports and GDP growth is possible if the UK successfully negotiates trade arrangements with nations outside the EU.

The success or failure of Brexit hinges on the United Kingdom's ability to strike favourable trade agreements with nations outside the European Union. Increased exports and economic growth may result from the United Kingdom's successful negotiations of trade agreements with nations outside the European Union. As a result of these agreements, British companies may gain access to new markets and revenue streams.

The United Kingdom would be free to strike trade deals with nations like the United States, China, and India, which it could not do while still an EU member. Opening new markets to UK firms might boost exports and stimulate the economy. In addition, new trade agreements may facilitate the diversification of the British economy and lessen its reliance on the European Union.

But remember that negotiating commercial agreements may be a complex and lengthy procedure. The UK would take time and energy to negotiate trade arrangements with nations outside the EU. In addition, it would have to make sure that any new trade treaties don't conflict with its domestic regulations, such as those concerning the environment and labour.

In conclusion, whether or not the United Kingdom would suffer economically due to Brexit would depend mainly on the success of its efforts to strike trade agreements with nations outside the European Union. Although increasing exports and economic growth may result from the United Kingdom's successful negotiation of trade agreements with nations outside the European Union, this process may be difficult and time-consuming.

## **THE IMPACT OF BREXIT ON THE UK'S SUPPLY CHAINS**

Disruption to supply chains that include the EU might have a detrimental effect on the UK economy, which is relied upon by many UK-based enterprises.

Whether or not the United Kingdom loses out due to Brexit hinges on how it affects the country's supply networks. Disruption to supply chains that include the EU might have a detrimental effect on the UK economy, which is relied upon by many UK-based enterprises.

The United Kingdom would withdraw from the European Union's customs union, ending the tariff-free and checkpoint-free flow of products within the EU. For UK companies who buy from or sell to the EU, this might mean significant delays and higher prices. In addition, the UK's departure from EU-wide rules might increase compliance costs and bureaucratic hurdles.

It's worth noting, however, that Brexit may also provide chances for UK firms to diversify their supply networks and lessen their reliance on the EU. The United Kingdom may, for instance, open up to new markets by negotiating trade deals with nations outside the European Union. Moreover, the UK may be able to lessen its reliance on EU-sourced commodities by investing in local manufacturing.

To sum up, the fate of the United Kingdom's supply chains is a significant issue in evaluating whether the country will suffer or gain from Brexit. Brexit might cause interruptions and higher costs for UK companies due to the loss of access to the EU's customs union and EU-wide rules. Still, it could also give opportunities for UK firms to diversify their supply chains and lessen their dependency on the EU.

## **H3: The impact of Brexit on the free movement of people, trade, and immigration policies**

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Potential changes to these factors may have far-reaching effects on British culture and the economy.

Brexit's effects on the free movement of people, commerce, and immigration policy would be crucial in evaluating whether the UK will suffer or profit from the decision to leave the EU. An essential tenet of European Union economic integration has been the free flow of people, products, and services among member states. The United Kingdom's withdrawal from this system would have far-reaching effects.

Since the free movement of people would be hampered, it's possible that fewer European Union citizens and fewer British citizens would find employment in each other's respective regions. This may cause a scarcity of qualified workers in the United Kingdom, harming the country's economy. It is also possible that if immigration regulations are altered, fewer individuals will come to the UK for either educational or professional reasons.

It would also have an effect on the free movement of products, which might cause delays and additional costs for UK firms that deal with the EU. This might slow economic development and cause a drop in exports.

When the UK leaves the European Union, it will be free to establish its own immigration policies independent of those of the EU. This may cause the UK to implement harsher immigration policies, which might reduce the number of individuals who come to the country for educational or employment purposes. The societal effect and repercussions of anything like this are also worth considering.

In conclusion, whether or not the United Kingdom loses or gains from Brexit depends heavily on how the country's free movement of people, commerce, and immigration laws are affected by the decision. Disruptions in business and society may result from losing access to the EU's free movement system, affecting the job market, commerce, and immigration.

### **H4: The ability of the UK government to implement domestic policies**

Being outside of the EU would give the UK more flexibility in setting domestic policies, such as immigration and regulation, which could also boost economic growth.

The ability of the UK government to implement domestic policies would be a critical factor in determining whether the UK would lose or benefit from Brexit. As a member of the EU, the UK has had to abide by EU laws and regulations. This has limited the UK government's ability to implement specific domestic policies.

Leaving the EU would give the UK government more flexibility in setting domestic policies. For example, the UK could set its laws in areas such as immigration, regulation and labour laws. This could lead to a reduction in red tape and bureaucracy, which could be beneficial for businesses and the economy. Additionally, the UK would have more control over its fiscal policy, giving the government more tools to stimulate economic growth.

However, it is also important to note that the UK would no longer be able to rely on EU-wide regulations and standards. This could lead to additional costs and compliance burdens for UK businesses. Additionally, the UK would need to negotiate trade agreements with non-EU countries, which could require the UK to align with other countries regulations.

### **H5: The stability of the UK's political and social environment**

The UK's exit from the EU could lead to increased division and tension within the UK and potentially damage the UK's relationships with other EU member states.

The stability of the UK's political and social environment in terms of Brexit has been affected by the ongoing negotiations and the decision to leave the European Union. Since the Brexit referendum in 2016, the UK has been in a state of political and economic uncertainty as the country navigates its exit from the EU. The negotiations have been complicated and have led to divisions within the UK, particularly between pro-Brexit and pro-EU supporters. Additionally, the withdrawal process has significantly impacted the UK economy and led to uncertainty for businesses and individuals. Furthermore, the agreement between the EU and the UK was not reached until late, which has created more uncertainty, especially for Northern Ireland. However, the UK officially left the EU on January 31, 2020, but the negotiations for the future relationship continue until December 31, 2020. Overall, while the UK's decision to leave the EU has led to significant uncertainty and instability in its political and social environment, the country is now in a new phase of the process, and it's yet to see the long-term implications of the decision.

### **H6: The economic impact of Brexit on the EU and other countries**

An economic downturn in the EU could lead to decreased demand for UK exports, which would negatively impact the UK's economy.

The economic impact of Brexit on the EU and other countries is still uncertain and will likely depend on the specifics of the UK's withdrawal agreement and future trade deals. However, some potential impacts could include the following:

Loss of trade and investment between the UK and EU: As the UK is a significant trading partner for many EU countries, reducing trade and investment between the two could harm economic growth.

Currency fluctuations: The value of the British pound has fluctuated significantly since the Brexit vote, and further fluctuations could potentially impact trade and investment.



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Disruption to supply chains: If tariffs are imposed on goods and services traded between the UK and EU, it could disrupt supply chains and increase business costs.

Job loss: Some industries in the UK, such as manufacturing and financial services, could be particularly affected by Brexit and may see job losses as a result.

Changes in immigration policy could affect the workforce, especially in sectors which rely heavily on EU workers.

It is worth noting that the economic impact of Brexit will also depend on how the UK and EU choose to handle the separation and any future trade agreements. The specifics of the UK's withdrawal agreement are currently still under negotiation.

### **H7: The overall global economic conditions**

Economic downturns and trade tensions could affect the UK's economy in a way that would be out of the reach of the UK government.

The overall global economic conditions are complex and can vary widely depending on the region or country in question. Generally speaking, the global economy has been recovering from the effects of the COVID-19 pandemic, which has had a significant negative impact on economic growth and employment. Governments and central banks have implemented a variety of monetary and fiscal policies to mitigate the effects of the pandemic and support economic recovery. However, many uncertainties and challenges could still impact the global economy in the coming months and years, such as rising inflation, increasing interest rates, and ongoing trade tensions.

All of these factors would be important to consider when determining the potential impact of Brexit on the UK's economy.

### **EXPECTED LONG-TERM EFFECTS**

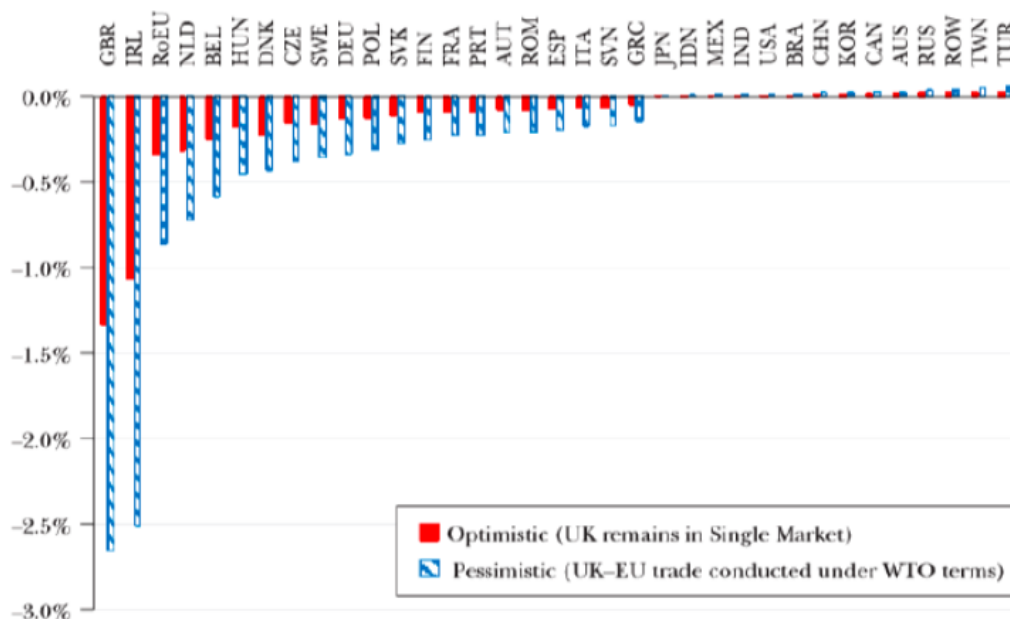
By carefully specifying and examining various prerequisites for leaving the EU based on identified potential possibilities, we may analyse the long-term impacts of Brexit. The HM Treasury's evaluations (Treasury, 2016) offered one such opportunity, allowing for examining several cases. Leaving the EU is one option, but the consequences will vary depending on whether they choose a model similar to Norway's and retain full access to the common market or one more like Canada's and establish a trading agreement with the EU. Moreover, a plausible option is exiting the single market and, notwithstanding bilateral agreements, adhering strictly to standard norms set by the World Trade Organization (WTO). Using the Norwegian model to gain entry to the EU single market would put Britain in a trading position most analogous to the status quo ante and hence would be the best (least detrimental) future result in terms of GDP and employment. The worst-case scenario would be leaving the Common Market without any replacement agreements and adhering to the stringent WTO standards. Specifically, (Bugari, 2019)

The various analyses provide very diverse outcomes. The range of possible outcomes for Britain's GDP is broad, from a decline of almost 10% (Ebell and Warren, 2016) to an increase of 4% (Ebell and Warren, 2016).

Previous studies have shown that the least destructive scenario for Britain's interests places the fewest restrictions on Britain's future access to the EU market. Conversely, scenarios that lead to new trade and investment barriers would be the most detrimental to future growth.

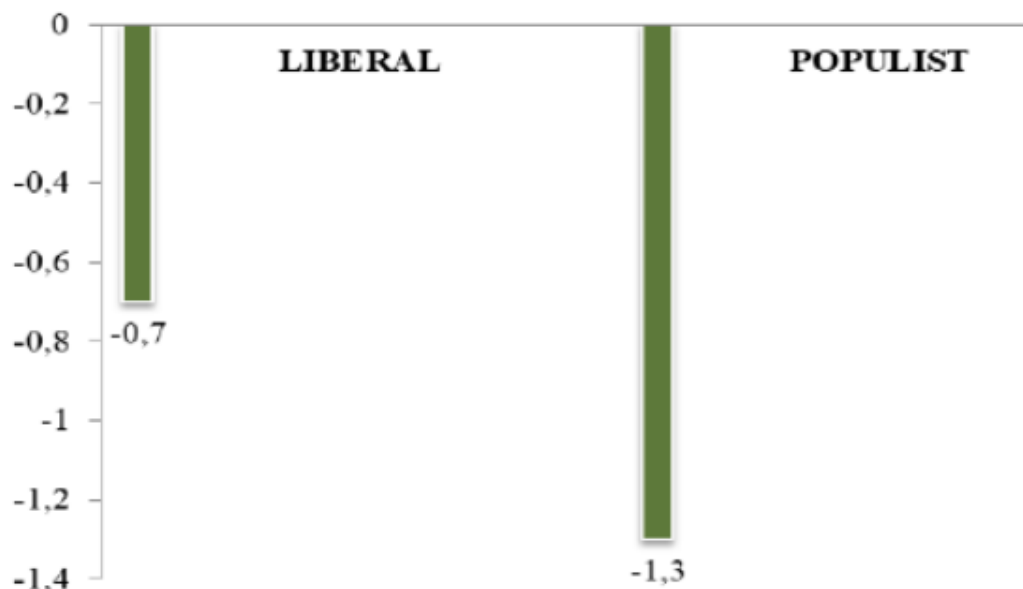
Europe and the rest of the world's economies will feel the effects of Brexit, but not as strongly as the British economy would. Brexit is the same as a decrease in EU consumption per capita of 0.35% (from an optimistic 0.14% to a pessimistic 0.35%). Those nations outside the EU may reap some benefits from Brexit due to trade diversion, but these gains will be minuscule compared to the losses sustained by Britain and the EU (Sampson, 2017). Estimated Brexit effects for various global economies are shown in Figure 1 under both optimistic and pessimistic scenarios, with the optimistic scenario assuming the continuation of the common market between Britain and the EU and the pessimistic scenario assuming the establishment of trade and foreign trade relations following WTO principles. Among the nations under observation, it is clear that any negative consequences would have an outsized impact on the European economy, while some non-European economies would see small gains.

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**Figure 1. Estimated Brexit effects according to optimistic and pessimistic scenarios (% income change per capita)**

A different picture of the global economy would emerge without the IMF statistics included in the Financial Times. If Britain were to leave the EU, the EU economy would shrink relative to the US economy, according to this estimate, rather than the current position in which the EU-28 enjoys a growth advantage of 1% over the US economy. Without a doubt, the loss of Europe's second-largest economy, responsible for 12 per cent of the EU's GDP, will have far-reaching consequences for the global economy and the military's ability to project power in the future. While Britain provided the impetus for EU expansion in the prior decade, its contribution has diminished in recent years, and GDP growth has come close to the EU average. The shape and substance of Britain's post-Brexit trade deals with EU members are at the heart of how the country will leave the EU. Another Brexit scenario study, this time by Goodwin, shows what this fragmentation might do to GDP growth (Goodwin, 2017). This study found that compared to remaining in the EU customs union, Britain's GDP would fall by between 0.7% and 1.3% in 2030 if it negotiated a free trade deal with the EU that included complete customs control (Figure 2). Whether liberal or populist politics win out in the future would determine the magnitude of this GDP decline in the following decades.



**Figure 2. The effect of Britain exiting the customs Union of EU on GDP growth Note. Goodwin, A. (2017). Brexit – Customs borders will impose costs and delays. Oxford Economics.**

The continuance of Britain and EU collaboration in the single market and the negotiation of free trade agreements with other major economies across the globe both have the potential to mitigate the impact of this unfavourable development. The desire for autonomy in determining restrictions placed on international commerce is the primary impetus for the breakup. On the other hand, taking into

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account the intricacy of international trade negotiations and the likelihood that the United Kingdom will reach a free trade agreement with the European Union, which is simultaneously its largest market, it is reasonable to anticipate that the benefits of the new free trade agreement will not materialise for a considerable amount of time in the future.

### CONCLUSION

It is difficult to say whether the UK will lose or benefit from Brexit in the long term, as it depends on the terms of the final agreement reached between the UK and the EU and also how the UK will handle the process of withdrawal and the new trade relationship with EU and the rest of the world.

In the short term, the UK economy has already been affected by the uncertainty caused by the Brexit process. Businesses have been hesitant to invest, and trade has been disrupted, leading to a decrease in economic growth and an increase in inflation. However, in the long term, if the UK can negotiate favourable trade agreements with the EU and other countries, it may see benefits in terms of increased exports and greater flexibility in setting its own regulations and trade policies.

On the other hand, if the terms of the agreement are not favourable for the UK or the country is not able to negotiate new trade deals, it could lead to further economic disruption and potentially harmful effects on trade and investment. Additionally, the UK might lose access to the EU single market and customs union, which could be detrimental to some sectors such as finance, automotive and agriculture.

Overall, it's too early to say whether the UK will lose or benefit from Brexit, as the process is still ongoing, and the outcome is uncertain.

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