

WHAT WOULD EUROPEANS WANT A EUROPEAN DEFENCE UNION TO LOOK LIKE?

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While the Russian invasion of Ukraine has created a new momentum for EU defence integration, the political feasibility of such integration remains disputed, as it may entail both additional financial costs and a loss of sovereignty. Furthermore, design of defence integration is inherently multidimensional, differing in terms of scope and level, governance and sources of financing, among other dimensions. To determine the extent of public support for European security cooperation, we conducted the first conjoint experiment ever fielded on public support for alternative defence union designs. We carried out a pre-registered, randomised conjoint experiment on a highly representative sample of the French, German, Italian, Dutch and Spanish populations in November 2022. This multidimensional conjoint experiment allows us to determine the causal link between policy features of potential defence pacts, and public support or opposition to such policy. Our results show that policy packages receiving the most support require joint EU-level governance, joint purchases of military equipment through joint procurement, and repurposing of existing national expenditure as the preferred form of financing. All in all, our results show not only that there is considerable cross-border support for defence integration in Western Europe, but also that citizens in different Western European countries have generally aligned preferences regarding the actual design of such policy, indicating that a compromise policy is feasible and publicly supported. Furthermore, our results support ongoing research on the nature of European solidarity at times of crisis, suggesting that European citizens are willing to support the creation of joint institutions and policies to face issues of common concern, and therefore indicating that major crises open important windows of opportunity to re-shape EU-level policies and institutions.

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1 Introduction

The member states of the European Union (EU) have been discussing how to cooperate on security since the 1950s. When the European Economic Community (EEC) evolved into the European Union through the Treaty of Maastricht, the EU extended its reach into foreign policy and defence and security policy, acting as an intergovernmental forum to reach and enact decisions (see Hofmann, 2013, for an extensive discussion). Yet, Kelemen and McNamara (2023) argued convincingly that when assessing the EU from the perspective of state building, the EU capacity to make use of core state powers, including coercive force, remains limited. In this paper, we make use of the first original conjoint experiment on EU defence, to assess whether Western European publics are ready to support the construction of EU-level armed forces, and if so, which specific policy designs are preferred.

The EU's role in defence and security has always remained complementary and largely subordinated to individual member state actions, bilateral or multilateral cooperation initiatives, and most importantly NATO, which remains the principal guarantor of collective defence on the European continent. Still, the EU has gradually attempted to build the foundations for autonomous capabilities in the defence sector, progressively absorbing the competences of the earlier Western European Union (WEU), a separate defence organisation enshrining a mutual defence clause, the competences of which were embedded in the EU's Common Security and Defence Policy (CSDP), leading to the WEU's termination in 2011. Under the CSDP, a number of small defence experiments were initiated, falling short of more fundamental steps towards a proper European army. When the former President Donald Trump started to put into doubt the United States's commitment to the defence of Europe, EU member states activated a clause in the Treaty on the European Union allowing for stronger EU-level defence capabilities, launching Permanent Structured Cooperation (PESCO) in the field of defence among 25 member states, and building legal bases for training and joint procurement. Finally, on 4 May 2023, the European Commission proposed to start a limited joint procurement of ammunition in support of Ukraine (European Commission, 2023).

In the aftermath of Russia's invasion of Ukraine, divisions between EU member states about the political line to be taken on Russia and the provision of military aid to Ukraine have underscored the weaknesses of existing EU structures for foreign and defence policy. At the same time, the Russian invasion demonstrated the centrality of NATO in the defence of Europe, since it quickly became apparent that, without NATO and the US commitment underpinning it, not only Ukraine but also some EU member states could have been fallen victim of Russian imperialism. Still, the EU has not given up its ambition of developing independent defence capabilities that would work alongside and within NATO. While prior to the war four member states remained committed to neutrality, complicating the relationship between NATO and the EU, the Russian invasion of Ukraine prompted Sweden and Finland to seek NATO membership. While this has further emphasised the centrality of NATO in the security architecture of Europe, it also simplifies the interactions between the two partially overlapping institutions often linked by intertwined "*chessboard politics*" (Hofmann, 2009, 2011).

The EU has initiated work to step up its own capabilities in response to the war. In March 2022 it launched its 'strategic compass', an encompassing defence initiative. EU-level instruments like the European Peace Facility have been used to support the scaling-up of ammunition production for Ukraine, and broad discussions have started on expanding joint instruments involving a widened public procurement of military equipment (see Hoeffler, 2023, for an extended discussion of the European Defence Fund in this context), as well as the expansion of EU-level military instruments (EEAS, 2022).

Defence integration on this scale is an unprecedented step for the European Union. Not only does defence remain one of the key features of national sovereignty that, according to the point of view of

the German Federal Constitutional Court, must remain under control of the nation states (Bundesverfassungsgericht, 2009: 252), from a theoretical standpoint (see, for instance, Schmitter, 1970) military capabilities are 'high politics', and their integration on a supranational scale is deemed to be controversial, generating conflict. Similarly, Genschel and Jachtefuchs (2016) identified military capabilities as a core state power defining and enabling sovereignty. In this context, concerns over legitimacy and public support are unsurprising (Galantino, 2015), and in fact Hooghe and Marks (2009) warned that integration of 'high politics' issues could foster Euroscepticism, as political entrepreneurs exploit latent national allegiances and identities to oppose European integration (see Kuhn and Nicoli, 2020, for a review of the relationship between identities and integration of core state powers). Indeed, as predicted by post-functionalists, Eurosceptic parties and leaders have often made use of the fear of an EU army to mobilise Eurosceptic votes. For instance, Önnersfors and Krouwel (2021) identified several conspiracy narratives associated with the formation of EU armies or military forces. Similarly, Ramswell (2017) identified the claim that the EU would 'soon' create an army as a key point of the Leave campaign in the Brexit referendum. Similarly, Genschel *et al* (2023) suggested that lack of public support is one of the reasons the EU did not integrate faster in the face of the Russian invasion of Ukraine. All in all, therefore, understanding public preferences and the impact of different policy design on public support or opposition is critical to ensure the legitimacy of any further integration in the military field.

However, survey evidence on support for and opposition to an EU defence union is limited to some observational studies. For instance, the special 2017 Eurobarometer on security and defence found that, notwithstanding a generalised scepticism towards defence spending, 75 percent of respondents were in favour of EU cooperation in the security sector, and over 50 percent were in favour of an EU army. A related 2018 standard Eurobarometer found over 60 percent support for defence cooperation (European Parliament, 2019). Accordingly, Schilde *et al* (2019) argued that this support is stable or increasing over time, and rather than representing a mere "*permissive consensus*", it identifies genuine support for EU-level integration of military capabilities, while Irondelle *et al* (2015) argued that national strategic cultures are key determinants of different country perceptions of the opportunity for a European army.

Furthermore, several contributions have shown that this support is conditional on the presence of crises. De Vreese and Kandyla (2009) showed that support for EU-level security policy is greater when the EU is presented as under threat. Graf (2020) found that external threats such as Russian expansionism strongly increase support for a European army. Importantly, these observational survey studies remain in stark contrast to previous evidence discussing the key role played by scare campaigns about EU military capabilities in shaping Euroscepticism, and other research suggesting that the military and foreign policy domains are seen by the public as inherently separate. For instance, Peters (2014) found that even though Europeans generally support a common foreign policy, they are much less in favour of a European army. Furthermore, this literature does not explore what is meant by 'European army' even though there are many different options for such a policy, which, for example, vary in terms of programme scope and level, form of governance and the sources of financing.

Despite the generally inconclusive results of the literature, to our knowledge no other survey experiment has been done to date to explore preferences for alternative defence union designs. This original, representative survey experiment therefore makes two empirical contributions. First, we provide a corroboration for integration theory, showing that public support for 'emergency policies' remains high in the European Union at times of crisis, even in fields uncontroversially qualified as 'high politics', providing further evidence that crises defuse the "*constraining dissensus*" of mass politics (Hooghe and Marks, 2009) towards European integration. Second, we show that high levels of support

exist for a broad range of defence union designs, identifying how different policy characteristics independently relate to such public support.

To determine public support for a European defence union, we conducted a randomised conjoint experiment on a highly representative sample of 750 individuals from each of the French, German, Italian, Dutch and Spanish populations in November 2022¹. In each of these countries, we administered to the respondents a repeated conjoint experiment that tested, overall, nearly 200 different defence-union designs. In a conjoint experiment, different policy dimensions were randomly combined to form policy packages, allowing us to determine the causal link between specific policy features of potential defence-union designs, and public support for, or opposition to, such policy.

Our results show that policy packages meeting the most support require higher levels of ambition, joint EU-level governance, joint purchases and procurement, and progressive taxation as a form of financing. All in all, our results show not only that there is considerable cross-border support for European defence, but also that citizens in different western European countries have generally converging preferences on the actual design of such policy, indicating that a compromise policy is feasible and publicly supported. Furthermore, our results corroborate and align with previous work (for instance, De Vreese and Kandyla, 2009; Graf, 2020), suggesting that European citizens are willing to support the creation of joint defence institutions. This is especially the case at times of heightened collective risk, indicating that major crises open important windows of opportunity to re-shape EU-level defence.

Against this background, this paper proceeds as follows. Section 2 discusses the fundamental features of potential defence union designs. Section 3 discusses how these have been implemented in our conjoint experiment; section 4 presents overall results, as well as country-specific results; the conclusions draw out the main theoretical and policy implications of this original experiment, and discuss the limitations of this setup.

2 The design of a European defence union

While the European Union does not have a supranational army or a proper European defence sector, it has made substantial advances since the establishment of the Common Security and Defence Policy, with the launch of the Permanent Structured Cooperation in 2017, and with the Strategic Compass in 2022. Rather than a single, coherent EU-level policy, European initiatives in the field of defence remain fragmented across several programmes, covering multiple dimensions and mechanisms of collective action. This dispersion, which the PESCO and the Strategic Compass have only started to narrow, means that the preferences for alternative designs of a potential European defence union are naturally suited to be explored by means of conjoint experiments.

Conjoint experiments are a class of survey experiment that aim to assess multidimensional policies, enabling the researcher to identify the specific causal impact of certain features on support or opposition for the policy package as a whole. To do so, we need first to ‘deconstruct’ the main features of a policy package into its constituent dimensions, and then determine alternative variants (or

¹ Country selection was guided by multiple concerns. First, the survey was designed to cover both energy security and military security, so country selection should have reflected both field priorities. Second, all countries had to be part of NATO, to simplify the experimental design as discussed later. This led us to exclude Denmark and Finland, which were not yet part of NATO as of survey contracting in May 2022. Finally, since the survey is part of a long-term panel study linking individuals over several years, the country selection was constrained by previous waves’ data availability, which unfortunately led to the exclusion of countries that would have otherwise been ideal for this experiment, such as Poland, Lithuania and Romania. We are aware of this limitation by qualifying our claims to Western Europe only, and we further discuss this limitation in the conclusions.

options) for each of the dimensions. Critical to the design of conjoint experiments is to find a balance between fidelity to the actual policy design, responsiveness to theoretical priors and existing knowledge on the distribution of preferences, and feasibility of the task for the respondents. In turn, complex policy debates need to be simplified by focusing on a feasible number of constituent policy dimensions. These represent simplified versions of the options discussed in actual policy debates, in terms and forms that survey respondents can understand and relate to.

This requirement implies that even though multidimensional conjoint experiments are substantially more sophisticated than single-item survey questions (in this experiment, we test nearly 200 possible defence union designs, each marginally different from any other), they still need to simplify the actual policy debate to a certain extent. When certain dimensions are not included in the experiment, they can be either left out completely, or introduced as ‘fixed’ characteristics in the introductory text of the experiment. Fixed characteristics are inherent parts of all policy packages, and therefore we cannot test how having them or not causally impacts policy preferences, although we can determine observationally the level of support for them by looking at the average level of support across all packages.

A major element of the existing European security architecture is, in this experiment, considered as one of these fixed characteristics: the relationship between EU-level defence and NATO. We consider that modelling alternative options of EU-NATO relationships as a randomised component of the experiment would have both substantively complicated the overall design, and decreased the adherence of the experiment to the reality of the policy debate, since reducing or eliminating the contribution of NATO to European defence is neither a politically viable option, nor a legally sound one, since the current legal bases for EU defence (Art. 42.7 TEU) make clear that NATO remains the anchor of European collective security for its participating member states (Art. 42.7 TEU). For these reasons, we specify in the introductory text of the experiment that any EU defence scheme would be to complement, and would be in addition to, existing NATO cooperation even though the EU itself also includes a solidarity clause and a mutual-defence clause.

Furthermore, to ensure that the experiment remains cognitively manageable by respondents, the number of possible policy dimensions is limited. Research on policy conjoint experiments rarely makes use of more than six policy dimensions. The majority of recent policy conjoint experiments on EU issues have used between three (Beetsma *et al*, 2021) and six dimensions (Beetsma *et al*, 2022; Burgoon *et al*, 2022; Vandenbroucke *et al*, 2018). We identify six key dimensions of European defence policies: **scope and level, financing, governance, opt-outs, joint procurement and size**. For each of these dimensions, we provide alternative options which vary randomly; the rationale for these alternatives is discussed below. Similarly, we do not randomly vary the presence or absence of mutual defence clauses, since these are covered both by NATO Art. 5, and – to a lesser extent – by the EU’s solidarity clause. The full text of the introductory framing, in different languages, is presented in Appendix 1. The precise description of each dimension is provided in Table 1.

The **scope and level dimension** models the extent to which the programme introduces EU-level instruments, as opposed to providing EU support for national instruments. Through this dimension, we are therefore able to assess to what extent citizens support either a proper new European instrument, or rather more European support for national instruments. To do so, we administered to respondents packages containing one of two alternatives for this dimension: either constituting a new European military force, or co-financing the improvement and expansion of national military forces. These dimensions do not exactly reproduce the content of the policy debate, but rather simplify it into two clear ‘ideal-typical’ alternatives to explore which best reflects public preferences. In reality, the EU has

pursued both enhancement of national forces and development of supranational forces simultaneously.

The existing legal bases for defence cooperation in the EU (Art. 42 TEU and following) allow both for the coordination of national forces, and for the creation of supranational or international ones, both *ad hoc* for specific missions, or on a permanent basis. Before the Russian invasion of Ukraine, these forces took two forms. First, some member states established *ad-hoc*, intergovernmental military units that could be used for EU and NATO defence. These are dubbed 'Eurocorps', and remain fully under intergovernmental control. The second pillar of existing joint European capabilities are the European Battlegroups, assembled from voluntary national contributions, but under EU control through the Council in case of emergency. Since the activation of PESCO in 2017, the EU has discussed repeatedly whether to reform these structures, based on Commitment no. 12 under the Council Decision (Council of the European Union, 2017) establishing PESCO, which clearly commits member states to participate with long-term allocation of domestic forces into the European Battlegroup formations. Nearly simultaneously, the EU established in 2017 a small 'Military Planning and Conduct Capability', an "*embryonic but symbolic*" (Reykers, 2019) military headquarters office, originally tasked with managing future EU military operations, which further extended its oversight capabilities to include potential combat operations in 2018.

In 2022, in reaction to the Russian invasion of Ukraine, the EU launched a new initiative, labelled 'European Strategic Compass', which introduced a range of new capabilities to be developed at European level. Among other developments (some discussed below when discussing other dimensions), the Strategic Compass proposes the progressive construction of genuine EU-level military force, named "*Rapid Deployment Capacity*" (EEAS, 2022), and the further expansion of both the size and powers of the EU military headquarters. While expanding the EU's reach in the military domain, the Compass does not represent a change in paradigm; the majority of the initiatives still aim at supporting and improving national forces. In practice, the EU has mostly used its instruments to support national action, for instance through the use of the European Peace Facility to finance the restocking of national weapon stocks depleted by the support given to Ukraine by member states.

In sum, the scope and level dimension depicts two ideal-typical alternatives to determine which way forward respondents generally prefer, although actual policy decisions will aim at striking a balance (which might vary) between the establishment of genuine supranational capabilities, and support for the bettering and coordination of national capabilities.

Next, we introduce a **financing dimension**. Since both new EU-level instruments or support for the improvement of national capabilities requires investment, public preferences might vary substantially with respect to which instrument is best to finance the construction of a defence union. The EU has several options in this regard, since at least two instruments with their own budgets already exist. Since 2017, the EU has reformed the older Athena mechanism into the European Defence Fund and the European Peace Facility, both aimed at strengthening the EU's action in the defence and foreign policy domain. The former, with a budget of €8 billion, focuses on joint technological development, and targets the European defence industry broadly speaking, although it has been proposed to expand its role to include joint military procurement (European Commission, 2022b). Conversely, the European Peace Facility, established in 2021, has a budget of approximately €5.7 billion and focuses on support for third countries, but in reaction to the Russian aggression on Ukraine, it has been used to restock national weapons stocks depleted by the support provided to Ukraine.

Neither of these existing instruments is sufficient on its own to permanently finance an expansion of EU support for existing national assets, or a proper EU-level military force, no matter how limited in size. Hence, in the wake of the war, many have called on the EU to establish a fund, parallel to the

Resilience and Recovery Facility (RRF), to support further joint expenses. For example, by February 2022, Palacio *et al* (2022) had proposed to establish a European Security Facility to support, among other goals, EU weapons programmes.

We model the financing dimensions of the experiment to represent several ideal-typical sources of financing, using language that has proven to be easily understood in previous experiments (see, for instance, Beetsma *et al*, 2021; Burgoon *et al*, 2022) while being faithful overall to the cornerstones of the political debate. In addition, it aims to test both substantive policy preferences, and horizontal as well as inter-temporal redistributive preferences of respondents. The dimension has four levels: a progressive taxation increase, whereby extra expenses are paid for by the rich with a 1 percent tax increase; a flat taxation increase, whereby extra expenses are paid for by a 0.5 percent tax increase for everyone; a resources reallocation, whereby resources are re-allocated from other public spending areas; and an increase in European level debt (Eurobonds) to be paid for in the future. Importantly, these options are designed to test self-interest as opposed to preferences for redistribution. One option clearly produces costs for all respondents (flat tax increases). One option produces no direct cost for respondents, but might produce indirect costs (re-allocation). One option formally introduces inter-class redistribution (progressive taxation), while one option introduces inter-temporal redistribution, by means of joint EU debt.

Next, we introduce a dimension exploring **decision mechanisms** into the experiment. Decisional mechanisms constitute one of the most crucial elements of contention when it comes to supranational military assets. Defence constitutes, by definition, the archetype ‘high politics’, the ultimate “*core state power*” (Genschel and Jachtenfuchs, 2016). Issues of defence are an essential element of national sovereignty, and their centrality to national sovereignty is recognised by several national constitution and constitutional courts, for instance the German Bundesverfassungsgericht in its 2009 decision on the Lisbon Treaty (BVerfG, 2009, p. 252). At the core, the debate on the voting rules in Foreign and Security Policy pertains the nature of the European Union as a polity. Supporters of unanimity see the EU as a classical intergovernmental organisation. Those who would like to have majority voting among member states are inspired by the Swiss model of governance, and would like the Union to evolve into a confederation. Finally, federalists would like to have both the Council and the European Parliament involved, extending the ordinary legislative procedure to all fields of policymaking.

We represent all three points of view in the experiment, although under the current hybrid, ‘*sui-generis*’ EU constitution (which is simultaneously intergovernmental, confederal *and* federal depending on the policy field at hand), the majority of foreign policy decisions and defence decisions both require, at the political level, unanimity of the member states in the Council. The intergovernmental logic of EU defence cooperation is not limited to the highest political institutions: even the EU military headquarters decide by unanimity of member states delegates. While unanimity protects member states’ interests, it exposes common policies to potential blackmails by certain member states. This special protection of member-state interests therefore comes at the cost of efficiency and timeliness of EU-level decisions (Flers *et al*, 2011), which has led the Commission under the leadership of President Von der Leyen and the EU High Representative Borrell to push repeatedly for a change of unanimity rules (Koenig, 2022). Strategic Compass does not aim to change that, but to allow subgroups of member states to act by using Art. 44.

In sum, governance questions are not secondary in survey experiments, because they speak to the fundamental understanding that respondents have over who should ‘have the last word’ on European affairs. When modelling governance options, particular care is to be given in striking a balance between respondents’ comprehension, fidelity to the public debate, and responsiveness to the different ideal-typical understandings about who should ultimately decide. To do so, we assign to each package one

among three stylised modes of governance representing, in a simplified way, the key ways the EU works, as modelled by theorists. The dimension displays three different levels, corresponding to ideal-typical governance modes. A pure intergovernmental governance mode requires the unanimous consent of states to take a decision. A confederal model requires a majority of the member states to take a decision. A federal model requires both a majority of states, and a majority in the European Parliament.

Fourth, we include in the possible design the opportunity for participating countries **to opt out from common decisions**. Opt-outs have a long history in EU policy design, both at constitutional level (like with Schengen, the euro area, or Foreign and Security Policy) and within specific policies. In the case of EU defence, opt-outs have been absolutely critical: for instance, prior to the Russian invasion of Ukraine, Denmark had a nominal opt-out from CSDP, which was eliminated with a referendum in 2022. Only 25 of the 27 EU member states participate in PESCO, and it is unlikely that any extensive EU military forces would see contributions from countries such as Austria and Ireland, which have made neutrality as the cornerstone of their foreign policy, even though these can contribute *ad hoc* to certain missions.

To model this, we included a broadly-worded dimension which focuses not on the institutional-level participation in the initiative, but on whether a country has the right to opt out from specific decisions within the policy framework. This dimension includes two alternative levels: either countries are allowed to opt out from specific common decisions, or they are not, and must therefore follow the common framework each time a decision is taken.

Fifth, we include a key dimension: whether the packages **should or should not include joint purchases of armaments**. As shown in previous studies (Beetsma *et al*, 2021) common procurement is typically seen as a way of sharing costs of expensive public investment programmes while increasing the bargaining power of the public contracting party vis à vis industrial players. Yet, joint procurement and purchase of armaments remains one of the most controversial aspects of the debate. On the one hand, substantial gains could be obtained by joining procurement, through monopsony power, reduction of inefficiencies, prevention of under-bidding and ensuring compatibility of standards. On the other hand, joint procurement might produce costs for countries, since national military industrial complexes are characterised by low competition, high concentration and presence of strong national ‘champions’, whose continuity of operations is seen not only as an economic necessity, but as security priority. As a consequence, creating joint procurement of weapons at European level implies a degree of industrial consolidation that is politically controversial. For these reasons, the European Union – while recognising the centrality of armaments procurement – has been hesitant to push for common purchases, focusing its actions instead on progressively removing the roadblocks preventing the establishment of procurement initiatives in the long term.

In light of this, the European Commission has pursued two parallel avenues, covering both ‘negative’ and ‘positive’ integration (see, among others, Hoeffler, 2019). From a regulatory standpoint, it first attempted to ensure that free and fair competition rules apply to national defence procurement, aiming at creating a genuinely European defence market and therefore a Europeanised industrial base. Directive 2009/81/EC aimed at achieving such goal, but the Commission’s own assessment of the directive suggests that, even though the Directive *“has led to a more than twofold increase in the value of defence and security contracts published EU-wide and awarded, in competition, under rules based on transparency and equal treatment ... a very significant share of defence procurement expenditure is still made outside the Directive”* (European Commission, 2016).

Second, since the report also found that high-value, advanced or strategic systems were those least covered by the directive, the Commission has strategically invested in narrowing the gap between

different national industries by focusing on research and development, product development and technical standards. To this end, Art. 43.4 of the treaty provides for the establishment of a R&D-focused European Defence Agency (EDA). This was further complemented with the European Defence Fund (EDF), established in 2021 with a budget of €8 billion, and tasked with the goal of promoting cross-national industrial cooperation in the development of new technology and defence applications.

While both the EDA and the EDF do have funding for supporting acquisitions of certain innovative equipment or technologies developed through their respective funding, they fall short of proper joint procurement of capabilities on the scale. The Russian invasion of Ukraine did not deeply affect the member states' calculus in this regard; at the Versailles Summit of 10-11 March 2022, shortly after the beginning of the war, EU leaders still only committed to "*develop further incentives to stimulate Member States' collaborative investments in joint projects and joint procurement of defence capabilities*" (Versailles Declaration, 2022: Art. 9b, p. 4). The attitude of the European Commission, however, started to change. In May 2022, as it became apparent that no short-term solution to the conflict was in sight, the Commission released an extensive analysis of the capability gaps in the European defence industrial base. In July 2022, the Commission proposed a new regulation establishing a €500 million fund for genuine, EU-level joint procurement via the EU budget, aiming to evolve it into a genuine European Defence Investment Programme in the future (European Commission, 2022a). Then, the EDA launched, in November 2022, an initiative to jointly procure and purchase artillery ammunition to replenish stocks depleted by the member states' support for Ukraine (European Defence Agency, 2023). An agreement on this mechanism, that sees EDA as directly responsible for procurement, was reached between 18 member states in March 2023, and expanded to six more in April the same year. While still falling short of industry-scale procurement, the 'Collaborative Procurement of Ammunition' project acts as a pilot for joint EU procurement outside of traditional domains of R&D, and therefore represents genuine – albeit controversial – progress.

In the experiment, we simplified this complex institutional trajectory by focusing on the fundamental principle of joint procurement, since other aspects of the policy (for instance, size, financing, governance) are already the focus of other dimensions. Hence, this dimension features two levels: one including joint procurement, and one leaving procurement to countries.

The final dimension of the experiment pertains the **size of the military force under the security pact**. The size of the commitments should capture a respondent's overall interest in the presence of a security pact between European countries. The scale of the ambition of the project is deemed to be a key driver of respondents' preferences. Developing alternative options in this dimension is challenging because we need to avoid 'absurd' combinations across all dimensions, but simultaneously we need to keep in mind that the tension between European support for national forces and the construction of proper European forces is already dealt with in the 'level' dimension. Hence, we focus this dimension on the size of the force supported, without distinguishing between supported national forces or genuine European ones.

Still, to avoid unrealistic combinations, the current debate on possible EU armed forces drives the description of the attributes for this dimension, since these would be anyway smaller than existing national forces. Hence, we derive the smaller size force (capturing a low level of ambition) from the 2022 European Strategic Compass, the official strategy of the European Union released in March 2022 to set up the bases of a common European intervention force under the control of the European Commission, which we extensively discussed earlier in this paper. Like in the Strategic Compass, we set the size of the common force at 5000 troops and their equipment, a value that would work equally well regardless of whether package combinations include an EU-level force or support for national ones under the scope and level dimension. The more ambitious version of the dimension is instead

inspired by the current discussions between a subgroup of member states to develop a European rapid reaction force, currently labelled as Crisis Response Operation Core, or CROC. CROC was proposed by French President Emmanuel Macron in 2018, and endorsed by a number of then-current government leaders (such as Angela Merkel) and former leaders (Jacques Chirac and Tony Blair, among others). The rapid reaction force, indicated as a goal already in 1999, was formally launched as a Permanent Structured Cooperation and it is at time of writing in development. When deployed, it should include up to 60,000 troops on a non-permanent basis. In the experiment, we use the value of 50,000 troops for our higher-ambition level; of the five countries surveyed in the experiment, four participate in CROC (Italy, France, Germany and Spain) while one does not (the Netherlands). This value is both extremely ambitious for an EU-level force, but also relatively ambitious for national forces, even though it remains well within the existing capabilities of the member states surveyed.

3 Empirical strategy

The conjoint experiment. We tested preferences about alternative forms of EU security cooperation through a conjoint experiment administered to a representative sample of 750 respondents in each of France, Germany, Italy, the Netherlands and Spain. These countries provide a good variety of Western European positions across two key metrics of reference: military projection capabilities (high for France, moderate for Italy and the Netherlands, low for Spain and Germany), and net contributor/recipient position towards EU-level financial instruments² (France, Germany and the Netherlands as net contributors, and Italy and Spain as net recipients). Importantly, these countries reflect well the overall Western and Southern European landscapes, but they do not reflect the position of central-eastern and northern member states, which play a key role in the provision of security vis à vis Russia. Hence, results on the basis of this sample cannot be generalised to the entire European Union, although they reflect well, we believe, Western-European attitudes.

IPSOS conducted the experimental survey, which drew a representative sample of individuals from each country using six criteria: gender (divided into two categories), education level (divided into three categories), income level (divided into three categories based on actual household income), NUTS-1 population distribution, age (divided into three categories), and profession (divided into ten categories). The sample was drawn initially from individuals who had previously responded to similar surveys in March 2020 and July 2020 in the context of an ongoing but unrelated panel project. To the extent that the sample fell short of the target size, respondents were drawn in such a way that the overall sample was nonetheless representative for the demographic characteristics mentioned above. This sampling method ensured that the survey results were representative of the population and allowed for the analysis of changes in individual attitudes over time.

² While Italy is nominally a net contributor to the standard EU budget, it is also a net recipient of grants under the RRF. Furthermore, it receives a relatively larger share of financial support through various European Central Bank asset purchase programmes, which, considered together, qualify the country still as a net recipient, despite its nominal position in relation to the standard EU budget.

Table 1: The dimensions of the conjoint experiment

Dimensional questions	Levels:
SCOPE: What is the goal of the security pact?	Jointly finance the improvement of the national armed forces of the member states, each separately Put together some parts of national armed forces, into a novel European army
FINANCING: How is the security pact financed?	By increasing taxes by 0.5%, for everyone in the EU By increasing taxes by 1%, only for the rich in the EU By increasing EU public debt, to be repaid in the future By reallocating national spending on national armed forces
GOVERNANCE: How are decisions on common security taken?	All countries must agree, ie one country can block any decision on its own A majority of countries must agree: no country can block a decision on its own Both the majority of countries and a majority of members of the European Parliament must agree
OPT OUTS: Is it possible for one country to opt out from certain decisions?	No: all countries must participate if this is the common decision Yes: a country can always refuse to participate if it so wishes
JOINT PURCHASES: Are there joint purchases as part of the security pact?	Yes: the EU countries procure and jointly purchase common military equipment No: every country procures and purchases military equipment on its own
SIZE: What is the size of the security pact?	Enough to support a small unit: about 5000 servicemen and their equipment Enough to support a large force: about 50.000 servicemen and their equipment

Respondents were first given an introductory text describing the policy, and then shown two policy packages side-by-side, each composed of multiple dimensions. The levels (or attributes) of each dimension were derived as discussed from the policy debate, but were simplified and adapted to be accessible to respondents, while still testing fundamental theoretical debates. Table 1 provides an overview of the dimensions used in the survey.

For each policy package, a level was chosen at random for each dimension, resulting in two randomly generated policy packages displayed side by side. Respondents first indicated which of the two packages they preferred; next, they indicated their level of support or opposition for each package on a five-point Likert scale. This process was repeated three times, resulting in a total of six packages evaluated by each respondent. To avoid any ordering biases, the order of dimensions was randomised over respondents, but for single respondents remained constant across all three iterations of the experiment. A screenshot of the survey tasks is provided in Annex 2.

Methods of analysis. We analysed the experimental data as a panel dataset, with each individual policy package evaluation being the unit of observation. Individuals rate six packages and choose between pairs of them independently. To account for within-individual effects, we cluster the standard error by respondent. As the data is purely experimental, we can make strong causal inferences about the impact of policy characteristics on preferences.

In the empirical analysis, we begin by examining the overall support and opposition levels through descriptive figures (Figures 1 and 2). We then move on to analysing aggregate results, followed by

country-specific patterns, and comparing specific packages. While we tested several regression models to determine the causal effect of the dimension attributes, the results shown below are based on a model using OLS estimators with package choice (whether or not a package has been selected) as the dependent variable. The independent variables are the dimensions of the experiment, allowing us to estimate the causal effect of having or not having a certain policy feature on package preferences. This is a reliable estimator and the standard way of looking at conjoint experiments, as demonstrated by Bansak *et al* (2022: 5 and following). The outcome of such regression, the Average Marginal Component Effect (AMCE), allows precise estimates to be made of how switching from one attribute to another within the same dimension affects preferences, keeping all else constant³. Meanwhile, this model controls for country fixed effects (FEs). Additional models reported in appendix Table A1 include a model using only experimental variables, a model including demographic controls (age, education, income) and models using package rating instead of package choice as the dependent variable.

Figure 3a reports the Average Marginal Component Effect (AMCEs), which shows concisely the causal effect of each dimensional level on package choice. Next, we carry out separate estimates for each country. The ensuing country-specific AMCEs are shown in Figure 3a (Figures 3b and 3c report instead important robustness checks), while the full results are shown in Appendix table A2. Figure 4 reports country-specific AMCEs. Finally, we explore levels of support for certain combinations of particular interest. We focus on a 'minimalist' combination, with dimensions assigned those attributes with low EU ambition; a 'maximalist' combination, capturing levels of support for the most ambitious EU-level policy combination; and the 'state of the play' combination, which approximates the *status quo* as of December 2022, as closely as possible. These are reported in Figure 5.

4 Results

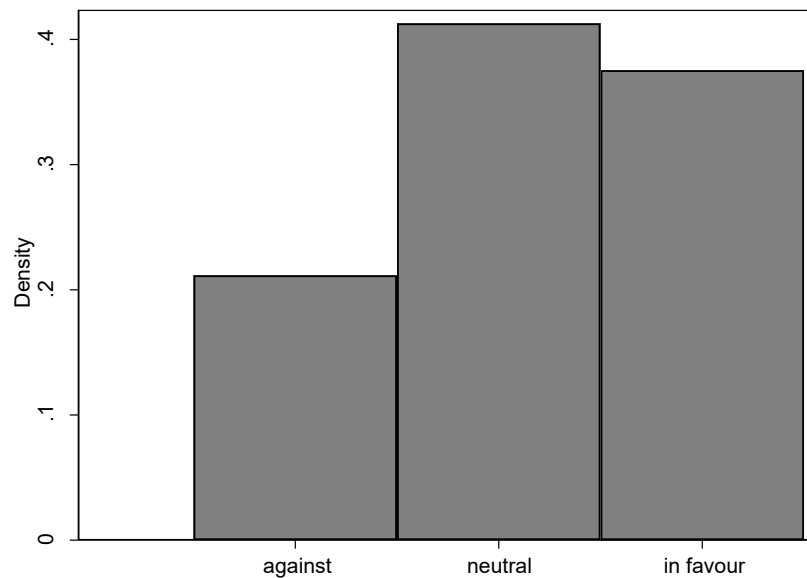
Support and opposition in general. Examining general attitudes towards defence cooperation in Western Europe is a crucial first step in analysing specific research designs. It is important to understand overall levels of support and opposition, regardless of the specific policy dimensions, to gain a comprehensive understanding of public sentiment. As Figure 1 shows, approximately 22 percent of the packages seen by respondents are evaluated negatively or very negatively, while roughly 37 percent are evaluated favourably or strongly in favour, and around 41 percent leave the respondents neutral. These findings suggest that there is little opposition to creating a EU-wide security union and it is unlikely to embolden Eurosceptic politicians, as over 80 percent of respondents are either neutral or in favour of such a union. By taking these general attitudes into account, we can better understand the context in which specific policy proposals are received.

On these grounds, we can also estimate the extent to which fundamental opposition (that is, regardless of policy design) exists against security cooperation. To do so, we employ the second outcome variable in the experiment. Respondents were asked to rank each package they saw from 'strongly in favour' to strongly against, independently from each other. We consider packages evaluated negatively or very negatively as 'rejected', while packages evaluated positively or very positively as 'supported'. However, the simple share of rejected packages cannot tell us how fundamental opposition is shaped, because every respondent sees and evaluates multiple packages (so he or she might like some, and dislike others). To explore this further, we analyse respondent-specific patterns, as shown in Figure 2. This figure plots the share of respondents (y-axis) who rejected

³ Controlling for the specific policy features of the alternative package allows for additional robustness checks, at a cost of halving the sample. These results are displayed in Figure 5 in the Appendix, showing that even in half of the sample and controlling for the specific characteristics of the alternative package, results remain to a very large extent unchanged, with only one attribute losing statistical significance at the 5 percent level.

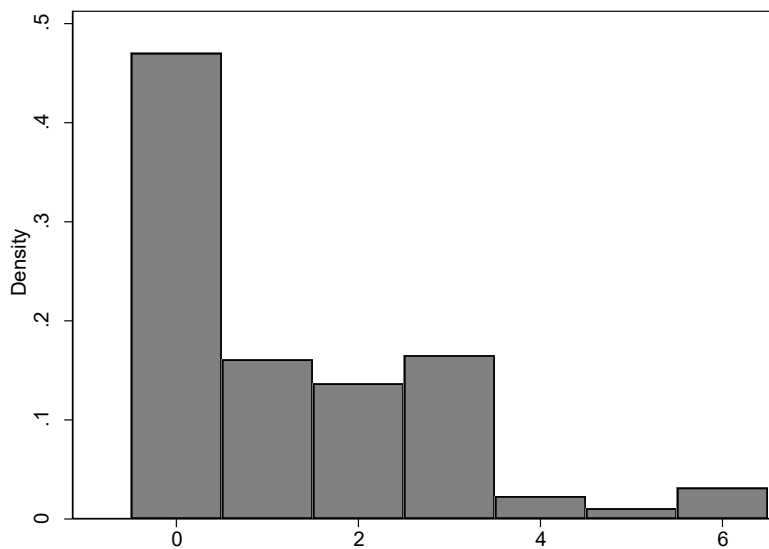
a certain number of packages out of the six they evaluated (x-axis). The greater the number of packages that a respondent rejects, the more fundamental their opposition to the idea of a security union, regardless of its specific policy characteristics. This measure provides insight into the degree of ‘constraining’ and uncompromising opposition towards EU-level policymaking. When respondents reject a greater number of packages, it suggests a more stringent and unyielding attitude towards security cooperation policies, while when fewer packages are rejected, it indicates a more favourable public attitude towards EU-level action. By understanding the level of opposition and the extent to which it is conditioned or not on policy design, we can gain a better understanding of the potential challenges and opportunities for implementing security cooperation policies at the EU level.

Figure 1: Levels of support: share of packages supported or opposed



As shown in Figure 2, fundamental opposition among Western European respondents to a defence union was, in November 2022, extremely limited. Less than 5 percent of all respondents were against five or six packages out of the six they saw and evaluated, suggesting that the overwhelming majority of respondents was somewhat satisfied or at least neutral towards at least 50 percent of the packages they were assigned. While this might be a consequence of the specific historical moment in which the survey was conducted, these results are in fact highly consistent with previous figures over policy-specific opposition patterns, which have shown consistently that survey respondents tend to have much more open-minded attitudes when put in front of actual policy alternatives with specific details, as opposed to single-item questions about broad policy areas. In other words, conjoint experiments force respondents to reason on policy design, while single item questions likely activate their ‘gut’ reactions against a certain policy field or institution. The latter, therefore, are more efficient in capturing ideology-driven answers, while conjoint experiments allow for a more precise depiction of pre-political policy preferences (Burgoon *et al*, 2022; Vandenbroucke *et al*, 2018).

Figure 2: Share of rejected packages per individual

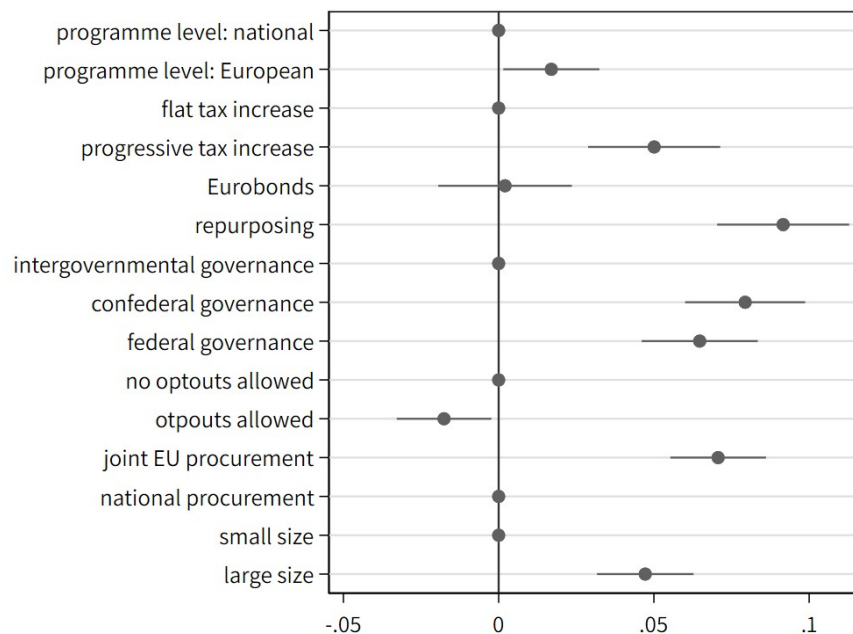


Note: Fundamental opposition is 4.27%.

Support or opposition for defence union alternatives. Next, we analysed preferences in terms of defence union designs. We employ a linear model (eq. 1 above) to estimate the causal effect of the various dimensional attributes on the probability of a package being chosen or rejected, controlling for individual-level patterns with clustered SEs⁴. Figure 3 visually presents the purely experimental, baseline model, which allows us to draw solid causal inference regarding the effect of having or not a specific policy feature. The experiment randomly assigns one specific variant for each dimension, and are therefore perfectly independent from each other by construction. Therefore, the coefficients shown horizontally are to be interpreted as the change in probability of choosing a policy package characterised by the specific attribute of a specific dimension, in respect to the baseline alternative, controlling for all other characteristics of the policy package at hand (Bansak *et al*, 2022; Hainmueller *et al*, 2014).

⁴ Table A1 in the Appendix provides detailed estimates for the baseline experimental models.

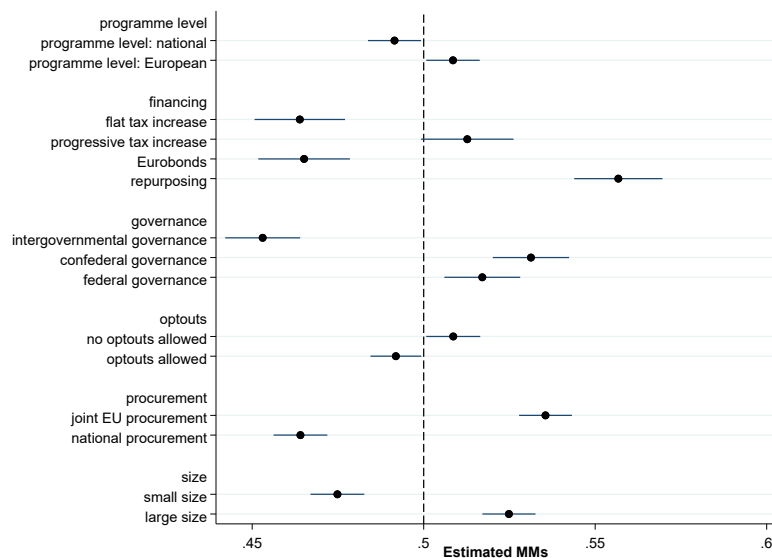
Figure 3a: AMCEs of dimensions on choice



Note: estimates are plotted with 95% confidence intervals. Country fixed effects are omitted in this figure. Full results are tabulated in the table in the Appendix.

Generally, sampled respondents prefer ambitious packages at EU level, larger in size, with joint weapons procurement, council-level or even federal governance, and financing provided either by repurposing existing expenditure (hence, moving national expenditure on military matters, or perhaps even directly moving some military units at EU level) or increasing taxation following a progressive tax increase formula. Respondents are quite negative when it comes to allowing country opt-outs, and are indifferent about expanding the EU's borrowing capacity, although public opinion on Eurobonds is quite divergent between countries. While Figure 3a reports the baseline, standard specification of conjoint models as proposed by Hainmuller *et al* (2014; see also Basak *et al*, 2022) and widely accepted in the literature, Figure 3b reports a Marginal Means estimation recommended by Leeper *et al* (2022). A series of additional robustness checks, where we explicitly control for the characteristics of each opposing pair, are provided in Appendix 5. All in all, these robustness checks show that our estimates are generally solid in front of several different estimation strategies. The only notable effect when using the Leeper *et al* (2022) Marginal Means estimator is the change in sign for the Eurobonds component, which ends up being as disliked as the flat tax increase. Furthermore, even when we drop half of our observations in order to directly compare half of the packages against the specific alternative against which each kept package was pitched, results remain largely unchanged, with only one dimension – opt outs – dropping below conventional thresholds of significance (Figure 5 in the Appendix).

Figure 3b: Marginal Means of dimensions on choice

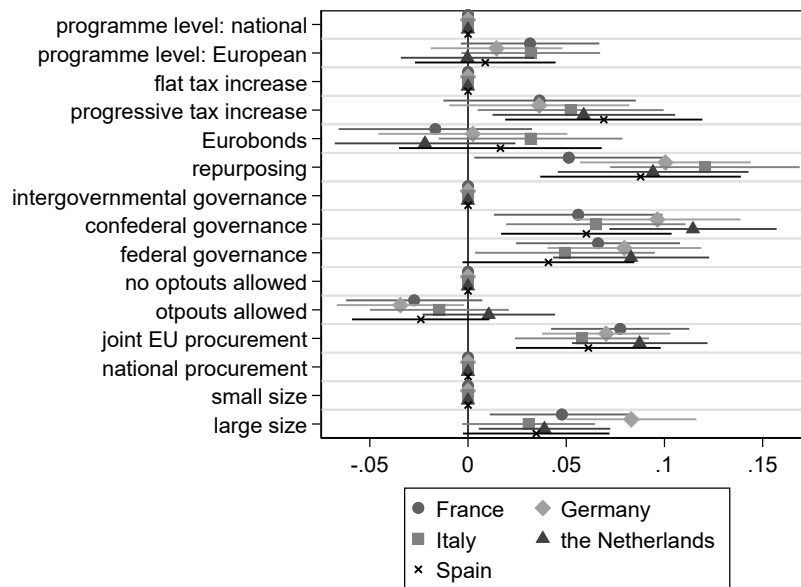


Note: estimates are plotted with 95% confidence intervals. Country fixed effects are omitted from this figure.

Respondents display generally consistent preferences across the surveyed Western European countries⁵. Respondents in all countries tend on average to prefer larger forces rather than smaller forces, and clearly support repurposing of existing military expenditure, confederal governance and joint procurement. They also somewhat agree on progressive taxation and on federal governance, although in the former case France and Germany are not statistically significantly positive. Italy is the only country to certainly prefer an EU-level instrument rather than support for national instruments, with France following suit; the other countries are generally indifferent. Finally, preferences for Eurobonds are statistically not significantly different from flat taxation in all countries, although Italy and to a lesser extent Spain remain rather positive, while France and the Netherlands rather negative, over the use of joint debt. Finally, the Netherlands is also the only country somewhat in favour of allowing opt outs, although – like in the case of Eurobonds – these results are far from being significant. All considered, these preferences are quite consistent over time, although the nature of the crisis at hand seems to impact specific preferences.

⁵ We explore country-specific effects running our baseline model by country. With 750 respondents per country, this means an effective sample of 4500 packages assessed in each country.

Figure 4: Country-specific policy effects



Note: estimates are plotted with 95% confidence intervals. Country fixed effects are omitted in this figure. Full results are tabulated in the table in the Appendix.

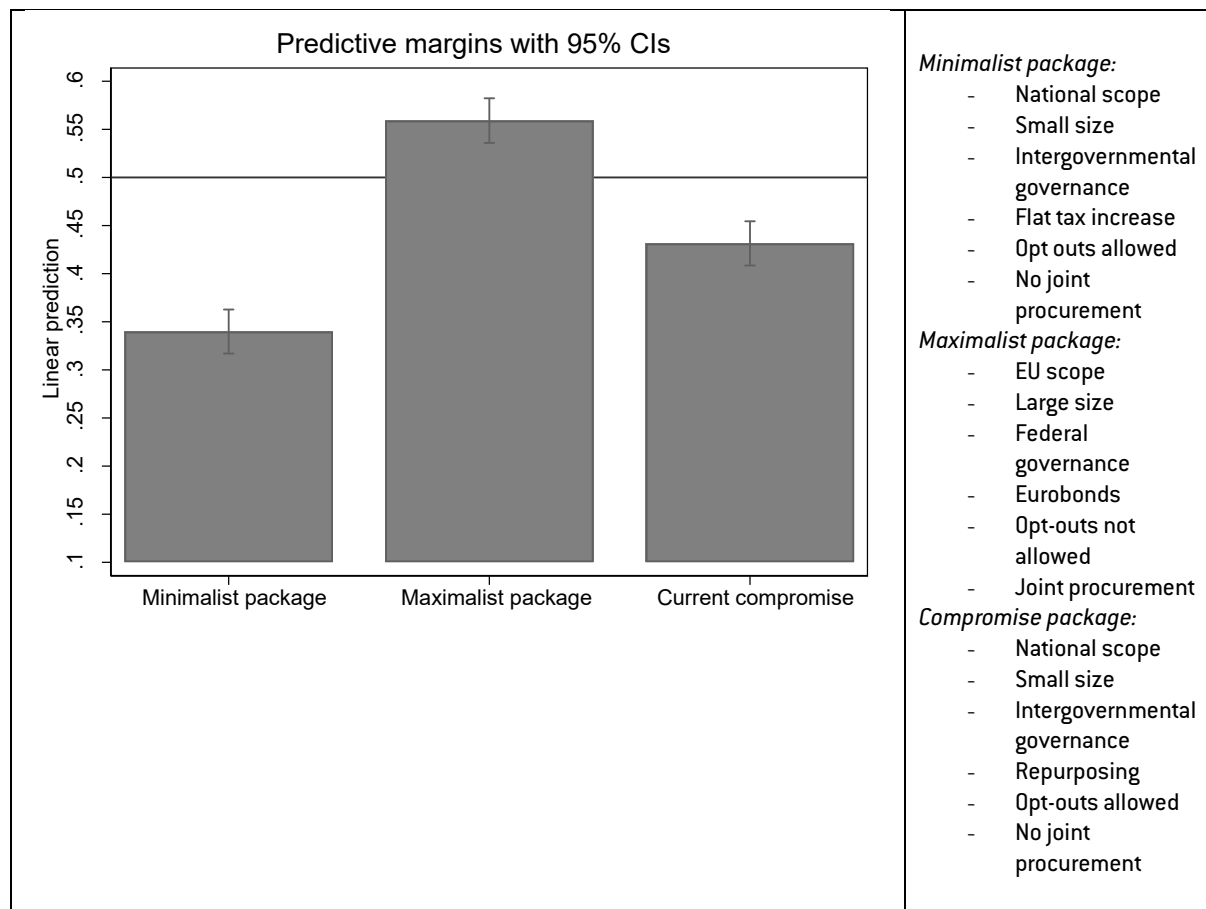
In a similar survey fielded in July 2020 among largely the same respondents (Bremer *et al*, 2023), German respondents were considerably more negative towards Eurobonds, while Spanish respondents were somewhat more positive (while the French, Italian and Dutch positions were largely the same as in this wave). Yet, it is important to consider that while the proximity of the country-specific average treatment effects signals that there is a generalised convergence of preferences between different countries, these do not start from the same base level of support, since they somewhat differ in their ‘base’ (dimension-agnostic) level of support, with more baseline support in France and Spain (regardless of the policy content) at about 38 percent, Italy and Germany at about 35 percent and the Netherlands at about 33 percent.

Support for specific policy combinations. Finally, we assess both overall and country-specific support for selected policy combinations. Since about 200 marginally-differentiated policy combinations are possible, we focus the analysis on specific combinations that are either policy relevant or theoretically interesting. In particular, we identify three packages for which we seek to identify the probability of support with respect to the alternatives: a ‘minimalist’ package, in which countries would agree to the minimal alterations to the pre-war setup; a ‘maximalist’ package, which includes the options that would expand EU-level capabilities the most; and a ‘compromise’ package, based on the attributes combination that is closest to the existing agreement under the Strategic Compass and the joint procurement plan agreed in March 2023.

Figure 5 specified each of these packages (and their specific policy content). All in all, respondents are much more likely to prefer ambitious packages over non-ambitious ones. The minimalist package has a likelihood of being chosen over the alternatives of only about 35 percent, while the current compromise has a probability of being chosen of only about 40 percent; conversely, the maximalist package has a 55 percent of probability of being chosen in respect to the alternatives not featuring the same attributes. These results are highly consistent across the five countries studied. Figures 6a-6c show the level of acceptance for these packages within each country. All countries display the same generalised pattern of preferences, generally supporting ambitious packages and generally rejecting

minimalist compromises. Across all countries, broader scope, removal of veto powers and the widespread use of joint procurement are all policy features that meet public preferences.

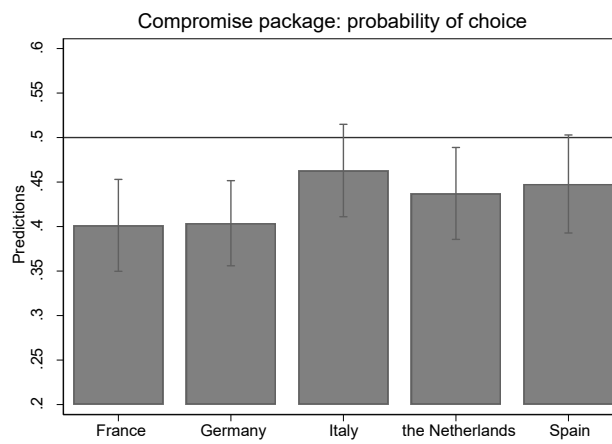
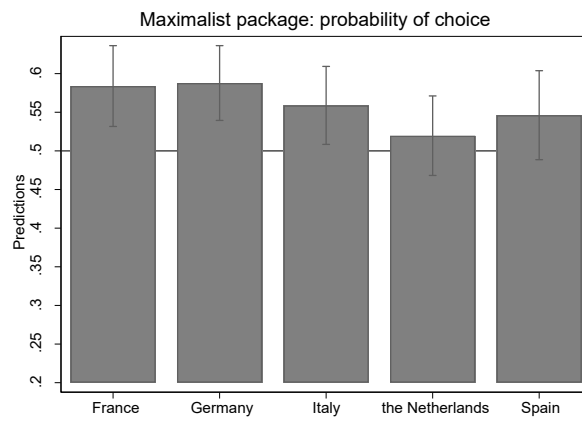
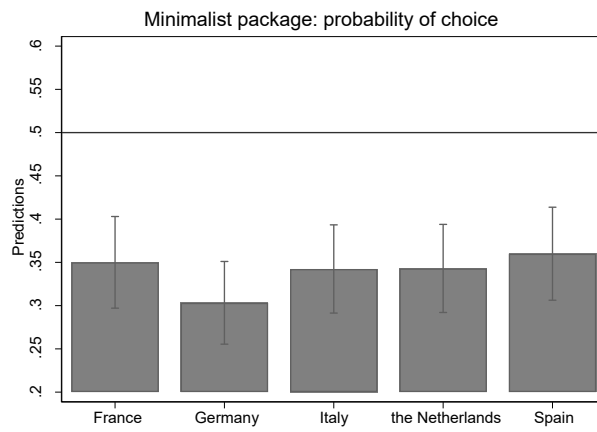
Figure 5: Probability of choice for selected packages



This said, the Netherlands remains, in the sample, the country that is the least at ease with such an ambitious combination (Figure 6b), given that the probability of choice is not statistically significant from 50 percent. Similarly, Italy is the only country which is observed to be marginally more favourable towards the compromise package⁶.

⁶ The probability of Italian respondents choosing the compromise package against any different alternative is not statistically different from a 50 percent probability with confidence intervals narrower than 88 percent.

Figure 6a/b/c: Probability of choice for selected packages, by country



5 Conclusions

In the aftermath of the Russian invasion of Ukraine, the European Union has found itself vulnerable to potential aggression by Russia, and over-reliant on the security umbrella provided by NATO and the American armed forces. While NATO is today an even more important guarantor of European Peace than at any point in the previous decade, the Russian invasion of Ukraine and the relative lack of preparedness of the European armies has raised the question of what Europe would do should, one day, the protection offered by the US no longer be there. With this in mind, the Council, the European Commission (via the European External Action Service) and certain EU countries have started a discussion about relaunching European integration in the security domain. Among many proposals emerging that could re-shape European defence, some have advanced the idea of creating genuine armed forces, while others have suggested to put together funds to reform national armies. Any such policy is inherently multidimensional, in terms of governance, scope, financing, solidarity and the presence or absence of opt outs. Many alternative policy designs are possible. To explore the political feasibility of such designs, we fielded a pre-registered conjoint survey experiment among a highly representative sample of 750 respondents in each of France, Germany, Italy, the Netherlands and Spain in November 2022.

Our results suggest that creating a EU-wide genuine defence union would probably be welcomed by Western Europeans, and most likely would not meet limited 'constraining dissensus' from the public in the west, paving the way to the expansion of measures already undertaken under CSDP initiatives. The level of fundamental opposition to a defence union was also found to be limited, with less than 5 percent of respondents fundamentally opposed to defence integration as a matter of principle. However, this does not mean that support is unconditional: in fact, the surveyed respondents are very sceptical about unambitious, half-baked solutions that would only marginally change the state of the play. In detail, the experiment shows that respondents prefer relatively more ambitious policy packages at the EU level, inclusive of joint gas procurement, no veto rights, no opt outs, financed through repurposing existing expenditure or by increasing progressive taxation.

This said, this experimental study certainly has limitations. First, we surveyed a small number of European countries, all of which are located in Western Europe. Even though we have good reasons for the country selection, and were faced by budgetary constraints, the study would have benefitted from the inclusion of a central-eastern European country in the sample, not least because these countries are critical in any discussion of European security. This implies that our results cannot be generalised to the EU as a whole, but to Western Europe only. The inclusion of CEE countries is also likely to change the degree of fundamental opposition to defence integration recorded, and also it is likely to change the relative importance that certain dimensions have in the overall balance of preferred designs.

Second, the survey was fielded when security concerns were particularly high among the population because of the visible effects of the war. While our study can therefore be seen as an empirical corroboration of the idea that crises create opportunities for integration by depowering the 'constraining dissensus' towards European integration, it remains unclear whether these effects can be interpreted as permanent shifts in public preferences, or as temporary fluctuations of support that would revert back to 'normal' once the crisis is over. While evidence suggests that these effects last over time, policy design needs to account for the possibility that support is indeed temporary and crisis-driven, or it could risk undermining the long-term legitimacy of the novel institutions. These limitations notwithstanding, our results provide the first experimental evidence regarding public support for the construction of alternative European defence design, and strongly point towards a public preference for more ambitious EU-level action to guarantee Europe's long-term security.

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Appendix 1: Text of the experimental introduction

"We now would like to draw your attention to the topic of European security.

"In light of the heightened security tensions in Europe, the member states of the European Union are discussing how to better ensure European security by means of a European security pact, to complement existing cooperation within NATO.

"Some say that the member states of the EU would be better off by joining a part of their national armed forces to create some elements of a European army, while others say that common security should simply jointly finance the national armies of the member states, separately.

"Furthermore, different options exist regarding the size of the common instruments, how decisions are taken, how financing is provided and whether there is a clause of mutual support.

"This European security agreement can be organised in different ways. Therefore, in the next pages you will be shown alternative options. You will be asked to indicate which options you prefer (or dislike the least), and how much you are in favour or against these proposals. This will be repeated three times."

Note: respondents see the survey in a language of their choice, chosen between French, German, Italian, Dutch, Spanish or Catalan.

Appendix 2a: Experiment example (French)

Si vous souhaitez lire de nouveau le texte d'introduction, vous pouvez appuyer [ici](#).

Vous allez maintenant voir deux différentes versions du pacte de sécurité. Pouvez-vous s'il vous plaît nous indiquer pour quel pacte vous avez une préférence et de nous indiquer l'importance que vous attribuez à chacune de ses options.

	Option 1	Option 2
Quel est l'objectif du pacte sécuritaire?	Mettre en commun une partie des différentes forces armées nationales pour créer une armée européenne commune.	Mettre en commun une partie des différentes forces armées nationales pour créer une armée européenne commune.
Comment est-ce que le pacte sécuritaire est financé?	En augmentant les taxes de 1% pour chaque habitant riche de l'Union européenne.	En augmentant les taxes de 0.5% pour chaque habitant de l'Union Européenne
Quelle est la taille du pacte sécuritaire?	Assez pour supporter une petite unité militaire. C'est-à-dire 5000 soldats et leurs équipements.	Assez pour une supporter une grande unité militaire. C'est-à-dire 50.000 soldats et leurs équipements.
Comment sont prises les décisions du pacte sécuritaire?	La décision doit être prise à l'unanimité, c'est-à-dire que la décision ne sera pas acceptée si un pays la refuse.	La majorité des pays et la majorité des députés au Parlement européen doivent accepter la décision.
Est-ce que ces achats communs font-ils partis du pacte sécuritaire?	Oui, les pays européens peuvent se procurer et acheter conjointement des équipements militaires communs.	Non, chaque pays se procure et achète de lui-même son matériel militaire.
Est-il possible pour un pays d'utiliser son droit de retrait pour certaines décisions?	Non - tous les pays doivent participer si c'est une décision commune.	Oui, un pays peut toujours refuser de participer s'il le souhaite.

Quelle est votre alternative préférée?

- Option 1
 Option 2

A quel point êtes-vous pour ou contre l'option 1 ?

- Tout à fait pour
 Plutôt pour
 Ni pour, ni contre
 Plutôt contre
 Tout à fait contre

A quel point êtes-vous pour ou contre l'option 2 ?

- Tout à fait pour
 Plutôt pour
 Ni pour, ni contre
 Plutôt contre
 Tout à fait contre

Suivant

Appendix 2b: Experiment example (German)

Wenn Sie den Einleitungstext noch einmal lesen möchten, können Sie [hier](#) klicken.

Sie werden nun zwei mögliche Versionen eines solchen Sicherheitspaktes sehen. Bitte sagen Sie uns, welche Version des Sicherheitspaktes Sie bevorzugen und wie stark Sie jede Option befürworten und ablehnen.

	Option 1	Option 2
Was ist das Ziel des Sicherheitspaktes?	Zusammenführen von Teilen der nationalen Streitkräfte zu einer neuen europäischen Armee.	Zusammenführen von Teilen der nationalen Streitkräfte zu einer neuen europäischen Armee.
Wie werden Entscheidungen im Sicherheitspakt getroffen?	Sowohl die Mehrheit der Länder als auch die Mehrheit der Mitglieder des Europäischen Parlaments müssen zustimmen.	Alle Länder müssen zustimmen, d. h. ein Land kann jede Entscheidung im Alleingang blockieren.
Gibt es gemeinsame Ankäufe als Teil des Sicherheitspaktes?	Ja- EU-Länder beschaffen und erwerben gemeinsam gemeinsame militärische Ausrüstung.	Nein, jedes Land beschafft und erwirbt selbständig militärische Ausrüstung.
Ist es für ein Land möglich, vom Treffen bestimmter Entscheidungen zurückzutreten?	Ja- ein Land kann jederzeit die Teilnahme verweigern, wenn es das so wünscht.	Ja- ein Land kann jederzeit die Teilnahme verweigern, wenn es das so wünscht.
Wie groß ist der Sicherheitspakt?	Genug, um eine kleine Einheit zu versorgen- etwa 5000 Soldaten und ihre Ausrüstung.	Genug, um eine kleine Einheit zu versorgen- etwa 5000 Soldaten und ihre Ausrüstung.
Wie wird der Sicherheitspakt finanziert?	Durch die Erhöhung der öffentlichen Schulden der EU, die in der Zukunft zurückgezahlt werden müssen.	Durch eine Erhöhung der Steuern um 1 %, aber nur für die Reichen in der EU.

Welche der beiden Optionen bevorzugen Sie?

- Option 1
- Option 2

Wie sehr sind Sie für oder gegen Option 1?

- Stark dafür
- Eher dafür
- Weder dafür noch dagegen
- Eher dagegen
- Stark dagegen

Wie sehr sind Sie für oder gegen Option 2?

- Stark dafür
- Eher dafür
- Weder dafür noch dagegen
- Eher dagegen
- Stark dagegen

Weiter

Appendix 2b: Experiment example (Italian)

Qualora desideri leggere nuovamente il testo introduttivo, può cliccare [qui](#).

Le verranno ora mostrate due possibili versioni di questo accordo per la sicurezza. La preghiamo di indicare quale versione abbia la sua preferenza, e quanto Lei sia a favore o contrario/a a ciascuna opzione.

	Opzione 1	Opzione 2
Quale è l'obiettivo dell'accordo sulla sicurezza?	Unire una parte delle forze armate nazionali, in un nuovo esercito Europeo.	Unire una parte delle forze armate nazionali, in un nuovo esercito Europeo.
E' possibile per un paese non aderire a certe decisioni?	Sì- un paese può sempre rifiutarsi di partecipare se così ritiene.	Sì- un paese può sempre rifiutarsi di partecipare se così ritiene.
L'accordo sulla sicurezza include o meno acquisti congiunti?	Sì- i paesi UE appaltano e acquistano assieme equipaggiamento militare comune.	Sì- i paesi UE appaltano e acquistano assieme equipaggiamento militare comune.
Quali sono le dimensioni dell'accordo sulla sicurezza?	Sufficiente a supportare una piccola unità- circa 5000 uomini e il loro equipaggiamento.	Sufficiente a supportare una forza consistente- circa 50.000 uomini e il loro equipaggiamento.
Come viene finanziato l'accordo sulla sicurezza?	Aumentando la tassazione di 0.5% per tutti i cittadini dell'UE	Utilizzando fondi attualmente spesi nelle forze armate nazionali.
Come vengono prese le decisioni all'interno dell'accordo sulla sicurezza?	Sia una maggioranza dei paesi, che una maggioranza dei membri del Parlamento Europeo, deve essere d'accordo.	Tutti i paesi devono essere d'accordo (un singolo paese può bloccare qualsiasi decisione da solo).

Quale preferisce tra queste due opzioni alternative?

- Opzione 1
- Opzione 2

Quanto è in favore o contrario/a all'opzione 1?

- Fortemente favorevole
- Abbastanza favorevole
- Nè favorevole nè contrario/a
- Abbastanza contrario/a
- Fortemente contrario/a

Quanto è in favore o contrario/a all'opzione 2?

- Fortemente favorevole
- Abbastanza favorevole
- Nè favorevole nè contrario/a
- Abbastanza contrario/a
- Fortemente contrario/a

Avanti

Appendix 3: Methodological note

This appendix discusses models estimated in addition to the model results reported in the main text. Model 1 is an experimental model that uses OLS estimators, with package choice (whether or not a package has been selected) as the dependent variable. The independent variables are the dimensions of the experiment, allowing us to estimate the causal effect of having or not having a certain policy feature on package preferences, while (i, j, k) indexes the k^{th} package [$k = 1, \dots, 6$] presented to individual i of country j , and ε is the error term (equation 1).⁷

[1]- *baseline model*.

$$\begin{aligned} \text{OUTCOME}_{i,j,k} &= \beta_1 \text{SCOPE}_{i,j,k} + \beta_2' \text{FINANCING}_{i,j,k} + \beta_3' \text{GOVERNANCE}_{i,j,k} \\ &+ \beta_4' \text{OPTOUT}_{i,j,k} + \beta_5' \text{JOINTPROCUREMENT}_{i,j,k} + \beta_6 \text{SIZE}_{i,j,k} + \varepsilon_{i,j,k} \end{aligned}$$

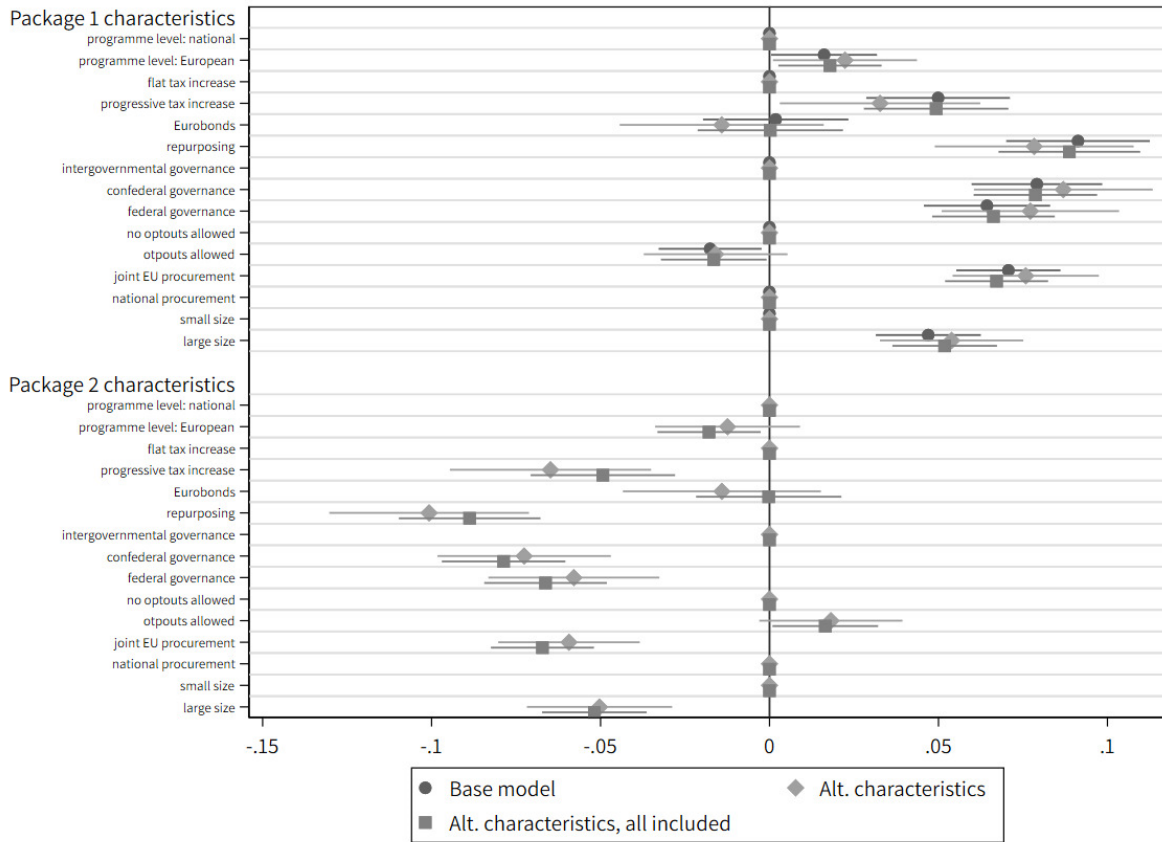
Model 2 expands the baseline model with country fixed effects (FEs), and is hence identical to the model reported in the main text. Model 3 includes a series of demographic controls (age, education, income) in addition to country FEs. Models 4-6 run again specifications 1-3, using package rating rather than package choice.

⁷ In Appendix 4, we carry out a large variety of robustness checks by testing many alternatives to this baseline specification, for instance by adding/removing controls for respondents attention, by controlling for package ordering, by changing model specifications using logit or random effects panel models, and others.

Appendix 4: Main results

Model	-1	-2	-3	-4	-5	-6
VARIABLES	choice (pure experiment)	choice (country FE)	choice (demographics)	support (pure experiment)	support (country FE)	support (demographics)
programme level: European (baseline: national)	0.0162** (0.00753)	0.0162** (0.00753)	0.0165** (0.00798)	0.0120* (0.00728)	0.0121* (0.00727)	0.0127 (0.00775)
financing: progressive taxation (baseline: flat taxation)	0.0499*** (0.0107)	0.0499*** (0.0107)	0.0475*** (0.0114)	0.00870 (0.0104)	0.00889 (0.0104)	0.00486 (0.0110)
financing: Eurobonds	0.00183 (0.0107)	0.00181 (0.0107)	-0.000321 (0.0113)	-0.00283 (0.0103)	-0.00273 (0.0103)	-0.00398 (0.0110)
Financing: repurposing existing funds	0.0913*** (0.0106)	0.0913*** (0.0106)	0.0875*** (0.0113)	0.0108 (0.0102)	0.0114 (0.0102)	0.0153 (0.0109)
decision-making: confederal (baseline: intergovernmental)	0.0791*** (0.00913)	0.0791*** (0.00913)	0.0751*** (0.00967)	0.0349*** (0.00882)	0.0349*** (0.00882)	0.0352*** (0.00939)
decision-making: federal	0.0644*** (0.00926)	0.0644*** (0.00926)	0.0639*** (0.00982)	0.0105 (0.00895)	0.0106 (0.00894)	0.00982 (0.00953)
optouts: allowed (baseline: not allowed)	-0.0176** (0.00753)	-0.0176** (0.00754)	-0.0175** (0.00799)	-0.00472 (0.00728)	-0.00497 (0.00728)	-0.00629 (0.00775)
joint procurement: yes (baseline: no joint procurement)	0.0707*** (0.00753)	0.0707*** (0.00753)	0.0670*** (0.00798)	0.0138* (0.00728)	0.0138* (0.00727)	0.0124 (0.00774)
programme size: large (baseline: small)	0.0470*** (0.00753)	0.0470*** (0.00753)	0.0473*** (0.00799)	0.0188*** (0.00728)	0.0187** (0.00728)	0.0205*** (0.00775)
second iteration (baseline: first iteration)	0.000782 (0.00922)	0.000782 (0.00922)	0.000883 (0.00978)	-0.0575*** (0.00891)	-0.0575*** (0.00891)	-0.0609*** (0.00948)
third iteration	-0.00318 (0.00922)	-0.00318 (0.00922)	-0.00316 (0.00977)	-0.121*** (0.00891)	-0.121*** (0.00890)	-0.127*** (0.00948)
age (years)			3.14e-05 (0.000263)			0.00123*** (0.000255)
middle education (baseline: low education)			-0.000390 (0.0106)			0.0127 (0.0103)
high education			0.00212 (0.0114)			0.0305*** (0.0111)
income class: middle (baseline: low)			-0.00118 (0.00938)			0.0172* (0.00910)
income class: high			0.000280 (0.0111)			0.0221** (0.0108)
Germany (baseline: France)		-0.00128 (0.0117)	-0.00146 (0.0122)		0.0183 (0.0113)	0.0328*** (0.0118)
Italy		-0.000288 (0.0120)	-6.23e-05 (0.0127)		0.0423*** (0.0116)	0.0502*** (0.0123)
The Netherlands		9.19e-05 (0.0118)	0.000307 (0.0126)		0.0386*** (0.0114)	0.0569*** (0.0122)
Spain		0.00206 (0.0121)	0.00218 (0.0130)		0.0470*** (0.0117)	0.0697*** (0.0127)
Constant	0.359*** (0.0130)	0.359*** (0.0151)	0.362*** (0.0237)	0.386*** (0.0126)	0.357*** (0.0145)	0.268*** (0.0230)
Observations (attention check fails excluded)	17,358	17,358	15,474	17,358	17,358	15,474
R-squared	0.019	0.019	0.017	0.012	0.014	0.018

Appendix 5: Baseline estimates: robustness checks for pair-level attributes



Note: the base model is the same as the model depicted in Figure 3. The alternative characteristics model uses a restricted sample (packages 1,3,5 for each respondent) and controls for the characteristics of the package in the matched package. The alternative characteristics, all included model does the same, without restricting the sample to packages 1,3,5 – ie controlling every package against the alternative. The only meaningful effect across these robustness checks is that the 'outputs allowed' feature becomes not statistically significant in the second model, likely due to the fact that simple size is half the size of the other.

Appendix 6: Country-specific results

	France		Germany		Italy		The Netherlands		Spain	
	B	s.e.	B	s.e.	B	s.e.	B	s.e.	B	s.e.
programme level: national	0.000	(.)	0.000	(.)	0.000	(.)	0.000	(.)	0.000	(.)
programme level: European	0.032	(0.01 8)	0.015	(0.01 7)	0.032	(0.01 8)	-0.000	(0.01 7)	0.009	(0.01 8)
flat tax increase	0.000	(.)	0.000	(.)	0.000	(.)	0.000	(.)	0.000	(.)
progressive tax increase	0.036	(0.02 5)	0.036	(0.02 3)	0.052*	(0.02 4)	0.059*	(0.02 4)	0.069* *	(0.02 6)
Eurobonds	-0.017	(0.02 5)	0.002	(0.02 4)	0.032	(0.02 4)	-0.022	(0.02 3)	0.016	(0.02 6)
repurposing	0.051*	(0.02 5)	0.101* **	(0.02 2)	0.121* **	(0.02 5)	0.094* **	(0.02 5)	0.088* **	(0.02 6)
intergovernmental governance	0.000	(.)	0.000	(.)	0.000	(.)	0.000	(.)	0.000	(.)
confederal governance	0.056*	(0.02 2)	0.096* **	(0.02 2)	0.065* *	(0.02 3)	0.115* **	(0.02 2)	0.060* *	(0.02 2)
federal governance	0.066* *	(0.02 1)	0.080* **	(0.02 0)	0.049*	(0.02 3)	0.083* **	(0.02 0)	0.041	(0.02 2)
no optouts allowed	0.000	(.)	0.000	(.)	0.000	(.)	0.000	(.)	0.000	(.)
optouts allowed	-0.027	(0.01 8)	- 0.034*	(0.01 7)	-0.015	(0.01 8)	0.011	(0.01 7)	-0.024	(0.01 8)
joint EU procurement	0.077* **	(0.01 8)	0.070* **	(0.01 7)	0.058* **	(0.01 7)	0.087* **	(0.01 8)	0.061* *	(0.01 9)
national procurement	0.000	(.)	0.000	(.)	0.000	(.)	0.000	(.)	0.000	(.)
small size	0.000	(.)	0.000	(.)	0.000	(.)	0.000	(.)	0.000	(.)
large size	0.048*	(0.01 9)	0.083* **	(0.01 7)	0.031	(0.01 7)	0.039*	(0.01 7)	0.035	(0.01 9)
pair=1	0.000	(.)	0.000	(.)	0.000	(.)	0.000	(.)	0.000	(.)
pair=2	-0.001	(0.00 3)	-0.002	(0.00 3)	0.001	(0.00 3)	0.003	(0.00 3)	0.004	(0.00 3)
pair=3	-0.005	(0.00 3)	-0.006	(0.00 4)	-0.004	(0.00 3)	-0.003	(0.00 3)	0.000	(0.00 3)
Constant	0.379* **	(0.02 7)	0.340* **	(0.02 4)	0.358* **	(0.02 7)	0.332* **	(0.02 5)	0.383* **	(0.02 7)
Observations	3486		3738		3336		3606		3192	

Note: standard errors in parentheses

* p<0.05, ** p<0.01, *** p<0.001



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