

Sources of Alliance Treaty Depth

Joshua Alley*

Abstract

Why do states form deep alliances? Depth adds defense coordination and cooperation to promises of military support in alliances.

*Graduate Student, Department of Political Science, Texas A&M University.

1 Introduction

When do states form deep or shallow alliances? While some alliance treaties include only a promise of military support, others go beyond that by committing to extensive defense cooperation. For example, a 1962 alliance between Jordan and Saudi Arabia supplements defensive and offensive obligations with a planned military union and joint high command. Other alliances, such as a 1951 pact between the US and the Philippines, only include military support.

There is substantial variation in how much depth states incorporate in their alliance treaties. As Figure 1 shows, many alliances have some depth. At least half of all ATOP alliances with offensive or defense obligations have at least one source of treaty depth. Moreover, the prevalence of deep alliances increased after 1945.

The institutional design choice to add formal treaty depth to an alliance has important consequences. Deep alliances encourage reduced military spending by non-major power members because treaty depth increases alliance credibility. The right panel of Figure 1 shows this relationship. Therefore, depth exerts a substantial impact on alliance politics by shaping treaty credibility and the distribution of military spending burdens among members.

Despite the consequences of alliance treaty depth, we know fairly little about when states add depth to their alliances.¹ In this paper, I explain when states form deep alliances, which clarifies when states design alliances that facilitate free-riding and require additional cooperation.

My argument uses the alliance negotiation process to predict treaty depth. I argue that alliance member characteristics shape the obligations on military support in the treaty, which in turn affect the use of treaty depth. Alliance negotiations start by determining whether prospective members will offer military support and conditions on that support (Poast, 2019a). After establishing defensive or offensive support, alliance members negotiate over the use of treaty depth. In this process, alliance member characteristics shape the direct need for reassurance in this second stage, but also

¹Mattes (2012) examines a related measure of military institutionalization.

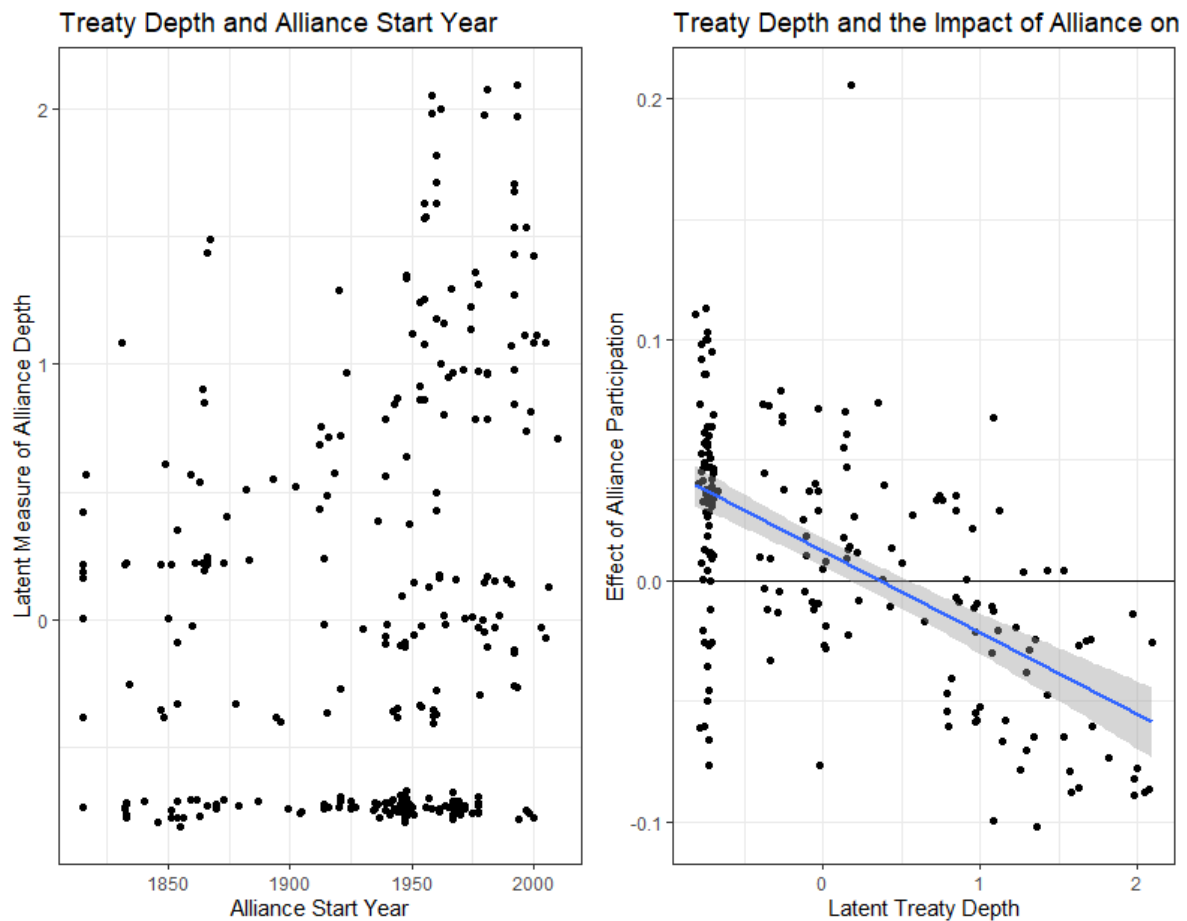


Figure 1: The left panel is a scatter plot of alliance treaty depth against the start year of the alliance. Each point marks an ATOP offensive or defensive alliance from 1815 to 2010. I created this measure of depth measure using a latent variable model. Values around -0.8 are alliances with no depth, so larger values imply the treaty has at least some depth. The right panel shows that the impact of alliance participation on non-major power military spending falls as treaty depth increases.

have an indirect effect on depth by affecting conditions on military support.

Several alliance member characteristics could affect depth in this way, and I focus on symmetric alliances between non-major powers. Most studies of alliances examine famous alliances between major powers e.g. (Snyder, 1997) or asymmetric treaties between major powers and non-major powers e.g. (Morrow, 1991; Yarhi-Milo, Lanoszka and Cooper, 2016). However, this approach pays little attention to the 42% of ATOP military alliances that only involve non-major powers. After 1945, 60% of all alliances are symmetric pacts between non-major powers. Thus, my argument elucidates dynamics within a large number of understudied alliances.

Symmetric alliances between non-major powers have greater depth than other alliances as depth is used to support promises of unconditional military support. Due to limited concern over entrapment and an emphasis on regional concerns, alliances between non-major powers are more likely to have unconditional military support. Non-major powers then add depth to these alliances to facilitate implementation of military support. Depth also helps non-major power allies maximize their limited coercive capacity, which establishes a direct path between non-major power alliances and depth.

I test this argument with a series of statistical models and an illustrative case studies. The statistical models employ multiple equations to approximate the alliance negotiation process. The case study checks the theoretical process and statistical results (Seawright, 2016).

The paper proceeds as follows. In the next section, I lay out the argument and hypothesis. Then I describe the data and research design

2 Argument

In this argument, I start by defining treaty depth. Then, I briefly review existing work on alliance treaty design to establish that depth is under-studied. After that, I describe a general model of the process of alliance treaty negotiations. Finally, I describe how alliance negotiations

between non-major powers tend to lead to higher treaty depth.

Alliance depth is the extent of defense cooperation formalized in the treaty. Deep alliances require additional military policy coordination and military cooperation. While shallow alliances stipulate more arms-length cooperation between members, deep treaties lead to closer cooperation through intermediate cooperation. Defense cooperation in a deep alliance takes many forms. Allies can form an integrated military command, provide military aid, commit to a common defense policy, provide basing rights, set up an international organization or undertake companion military agreements.

Depth is therefore an important part of alliance treaty design. In general, alliances can be thought of as self-enforcing contracts or institutions (Leeds et al., 2002; Morrow, 2000). Given external threats in an anarchic international system, states form treaties to aggregate military capability and secure their foreign policy interests (Altfield, 1984; Smith, 1995; Snyder, 1997; Fordham and Poast, 2014).

Potential alliance members can design a wide range of treaties (Leeds, Long and Mitchell, 2000; Leeds et al., 2002; Benson, 2012; Benson and Clinton, 2016). Design considerations shape the costs and benefits of treaty participation. Beyond the benefit of potential military support, alliances also clarify international alignments (Snyder, 1990), support trade (Gowa, 1995; Long, 2003; Fordham, 2010; Wolford and Kim, 2017). The costs of alliances include lost foreign policy autonomy (Altfield, 1984; Morrow, 2000; Johnson, 2015), as well as the risk of opportunistic behavior. Potential opportunism in alliances includes abandonment, or the failure of alliance members to honor their commitments (Berkemeier and Fuhrmann, 2018), entrapment in unwanted conflicts (Snyder, 1984), and free-riding (Morrow, 2000).

The process of alliance treaty design is understudied in general (Poast, 2019a). Mattes (2012) offered an early study of alliance treaty design by using symmetry of capability and history of violation to explain conditionality, issue linkages, and military institutionalization in bilateral alliances. She argues that these three design considerations counter concerns about treaty reliability.

Benson (2012) shows that foreign policy disagreements and revisionist protege states increase the likelihood of limited military support commitments. (Chiba, Johnson and Leeds, 2015) added to this by showing that democracies are more likely to form alliances with conditional military support or consultation. Other work by Poast (2012, 2013) establishes that states often use issue linkages to facilitate alliance formation.

None of these works directly study depth. Mattes (2012) uses a similar measure of military institutionalization, but does not connect alliance conditionality with the use of depth. Rather, she treats depth and institutionalization as independent. Because states can use different foreign policy instruments as substitutes or complements (Starr, 2000; Morgan and Palmer, 2000), these different sources of reliability are probably related. My argument builds in part on Mattes (2012), but extends it by placing depth and conditions on military support in a unified theoretical and empirical framework.

Observed alliance treaty designs are the outcome of negotiations between members (Poast, 2019*b*). As states negotiate with potential alliance partners, they attempt to maximize the benefits of treaty participation and reduce costs. Negotiation proceeds in two stages: first by determining the type of military support in the treaty, then by adding depth to the treaty as needed. Both stages address the risk of opportunism, each in different ways.

3 Research Design

4 Results

5 Conclusion

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