

# 「改革」的な政策とはなにか？：コンジョイント実験による検証

## Online Appendix

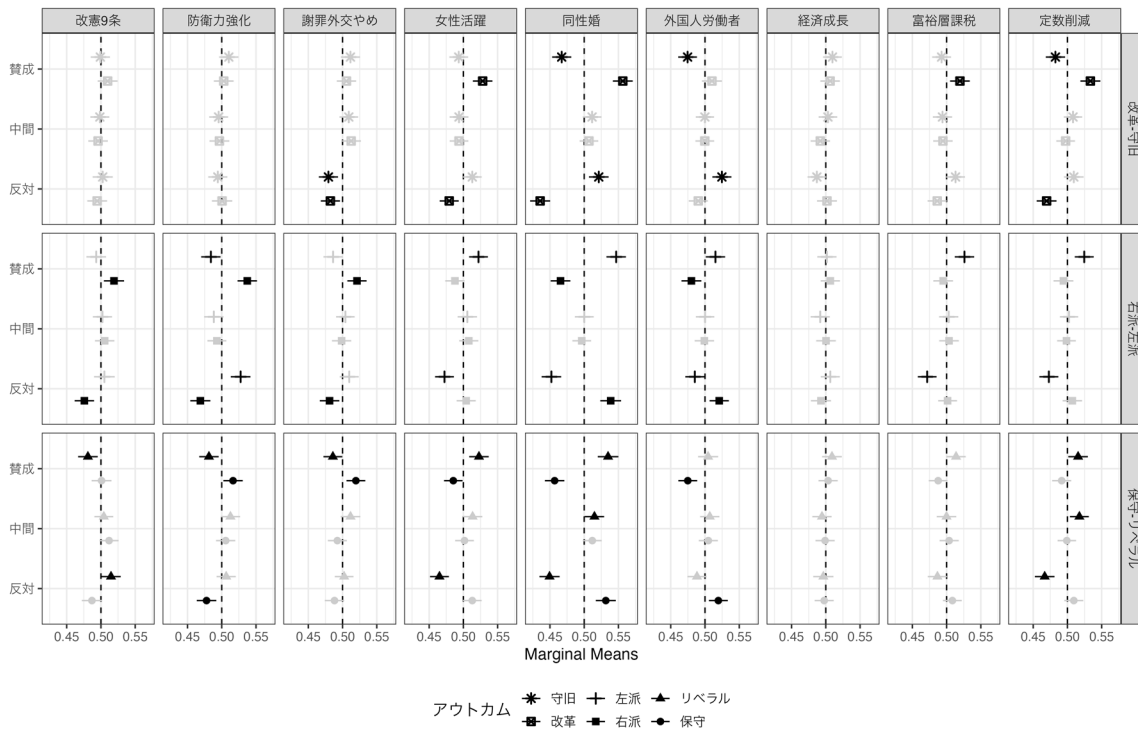
### Contents

- A. 異なるアウトカムごとの推定結果
- B. 仮説3（イデオロギー）の質問文
- C. 図1～図3の詳細
- D. 図1～図3のAMCEsの結果

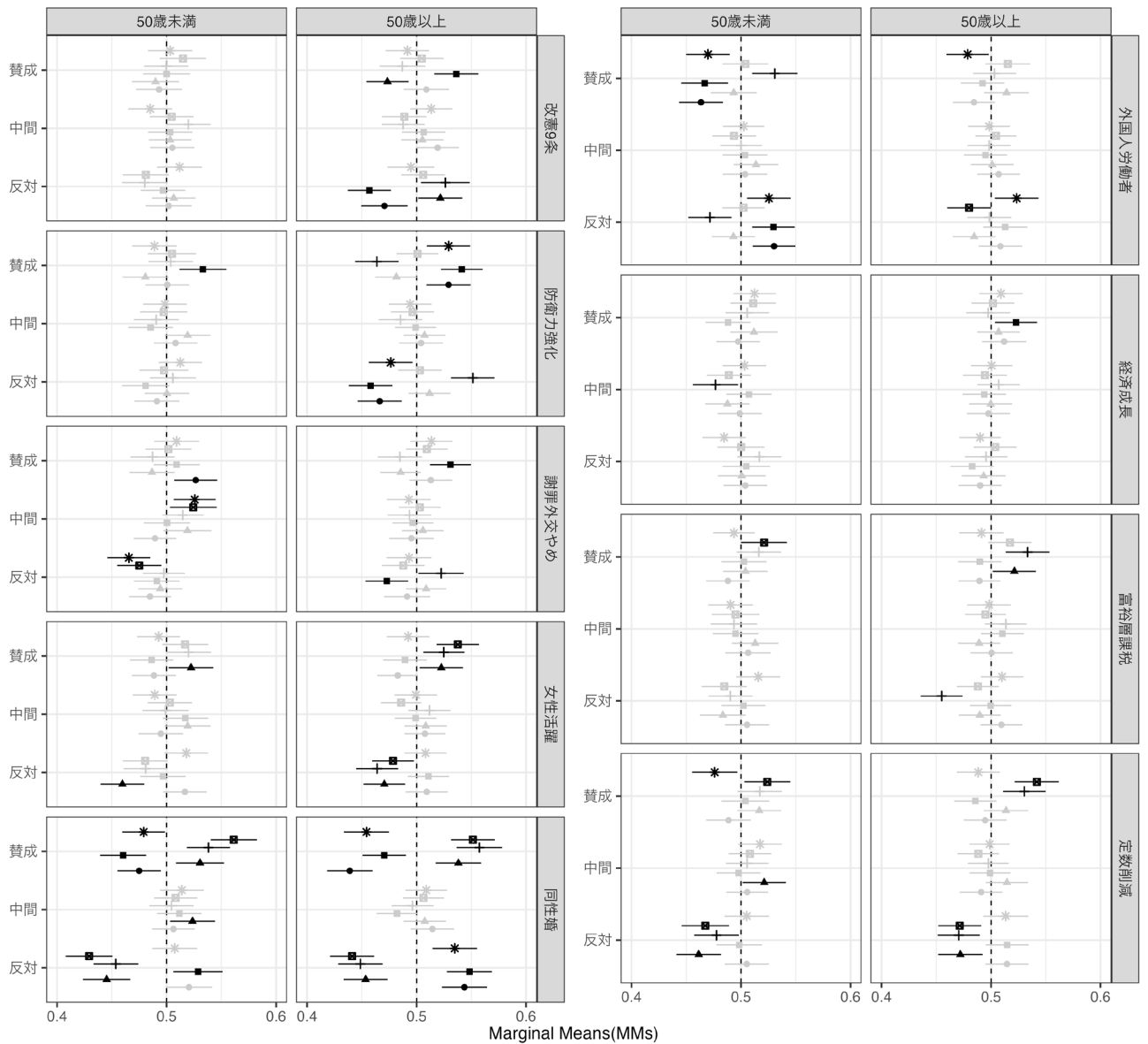
### A. 異なるアウトカムごとの推定結果

本実験では、実験内容は全く同じであるが、選択肢を「右派・リベラル派・改革派」をセットで尋ねる群1と、「左派・保守派・守旧派」をセットで尋ねる群2を用意し、ランダムにいずれかの群の内容に答えてもらった。本論中の分析は、群2を逆転してコーディングし、群1側にあわせる形でアウトカムを統合して分析している。以下では、各ラベルが逆の意味を持っていたかを確認するために、統合せずに、「右派」「左派」／「保守」「リベラル」／「改革」「守旧」のアウトカムごとの推定結果を以下にそれぞれ示す。なお、以下では図1～3に対応する回答者全体の結果について示している。

#### A.1. 図1にもとづく結果



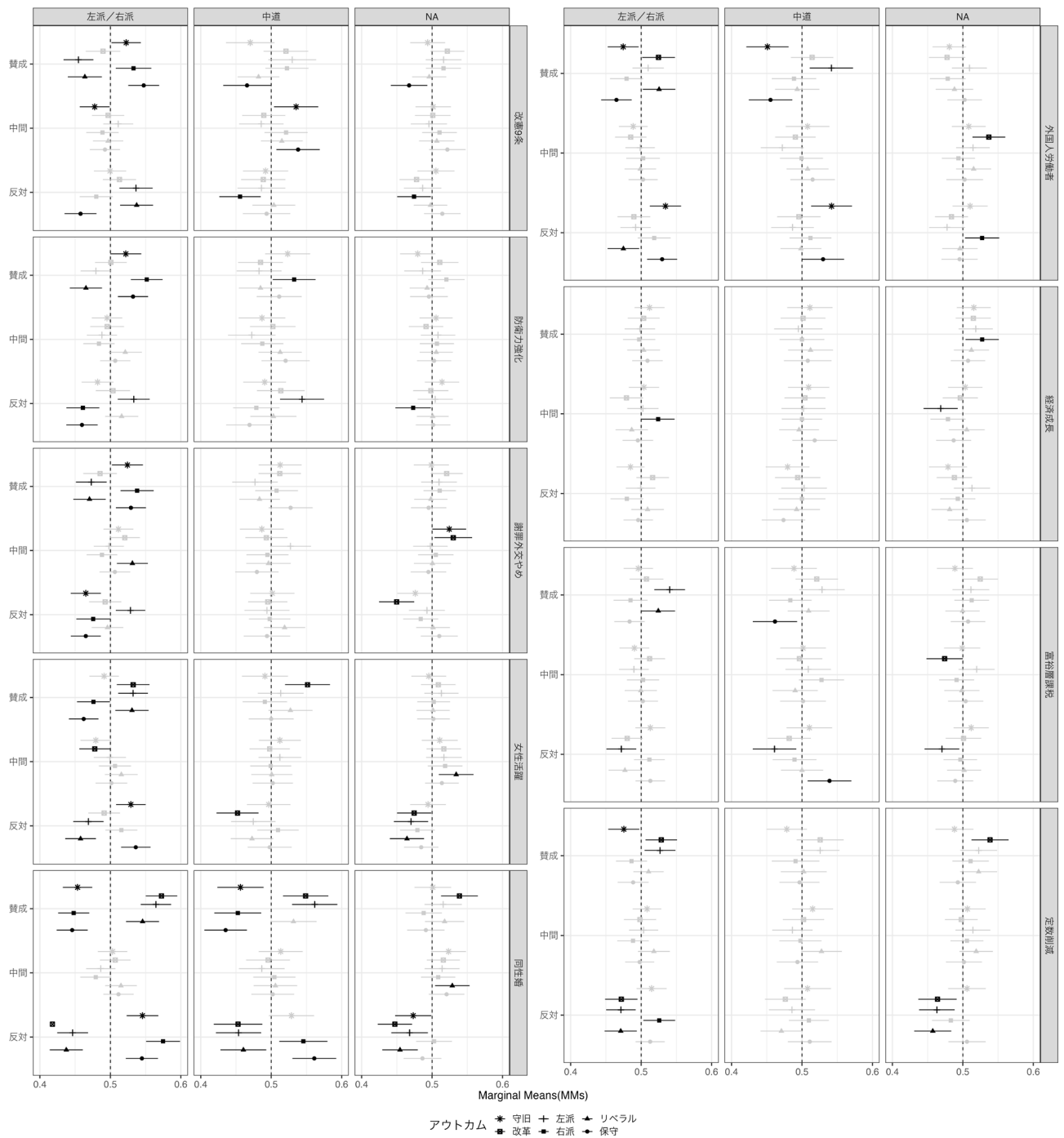
## A.2. 図2にもとづく結果



アウトカム \* 守旧 + 左派 ▲ リベラル  
 ■ 改革 ■ 右派 ● 保守

\*1) 信頼区間が0.5のラインをまたいでいない場合は黒色で示す

### A.3. 図3にもとづく結果



### B. 仮説3（イデオロギー）の質問文

仮説3で用いたイデオロギー質問は、以下のように尋ねた。なお、本稿で用いた変数は、以下の各項目のうち「あなた自身」「自民党」「立憲民主党」「共産党」である。

ところで、ある政治的な立ち位置を示す表現として、よく「保守(右派)」的とか「革新(左派)」的とか

という言葉が使われています。あなた自身や、以下の政党の政治的な立場について、以下のうちどれに当てはまると思いますか。

0～10の数字は5を中間に、左によるほど革新（左派）的、右によるほど保守（右派）的という意味です。該当しない・わからない・答えたくないような場合は、「なし」をチェックしてください。

- \* あなた自身（利用）
- \* 自民党（利用）
- \* 立憲民主党（利用）
- \* 日本維新の会
- \* 共産党（利用）
- \* 公明党
- \* 国民民主党
- \* 参政党

## C. 図1～図3の詳細

図1～図3の分析結果の詳細は以下の通りである。なお、点推定値[95%信頼区間の下限,上限]として表記している。

### C.1. 図1の分析結果の詳細

属性	水準	改革	右派	保守
改憲9条	賛成	0.505[0.495,0.515]	0.513[0.502,0.523]	0.51[0.499,0.52]
	中間	0.499[0.489,0.509]	0.502[0.492,0.511]	0.504[0.494,0.514]
	反対	0.496[0.486,0.506]	0.485[0.475,0.496]	0.486[0.476,0.496]
防衛力強化	賛成	0.496[0.486,0.506]	0.526[0.516,0.536]	0.518[0.508,0.528]
	中間	0.501[0.491,0.511]	0.502[0.493,0.512]	0.497[0.487,0.507]
	反対	0.503[0.493,0.513]	0.471[0.46,0.481]	0.485[0.475,0.495]
謝罪外交やめ	賛成	0.497[0.487,0.507]	0.517[0.507,0.527]	0.517[0.507,0.527]
	中間	0.501[0.492,0.511]	0.497[0.487,0.507]	0.49[0.48,0.5]
	反対	0.502[0.492,0.512]	0.486[0.476,0.496]	0.493[0.483,0.503]
女性活躍	賛成	0.517[0.507,0.527]	0.483[0.473,0.492]	0.481[0.472,0.491]
	中間	0.5[0.49,0.51]	0.501[0.491,0.511]	0.494[0.484,0.504]
	反対	0.483[0.473,0.493]	0.516[0.506,0.526]	0.524[0.514,0.533]
同性婚	賛成	0.544[0.534,0.554]	0.459[0.449,0.469]	0.461[0.451,0.471]
	中間	0.497[0.488,0.507]	0.498[0.489,0.508]	0.499[0.489,0.509]
	反対	0.458[0.447,0.468]	0.543[0.533,0.554]	0.541[0.531,0.551]
外国人労働者	賛成	0.518[0.508,0.528]	0.482[0.472,0.493]	0.485[0.475,0.495]
	中間	0.5[0.49,0.509]	0.499[0.49,0.509]	0.499[0.489,0.509]
	反対	0.482[0.473,0.492]	0.518[0.508,0.528]	0.516[0.506,0.526]
経済成長	賛成	0.498[0.488,0.508]	0.502[0.492,0.512]	0.497[0.487,0.507]
	中間	0.494[0.485,0.504]	0.504[0.494,0.514]	0.502[0.492,0.512]
	反対	0.508[0.498,0.517]	0.493[0.483,0.503]	0.501[0.49,0.511]
富裕層課税	賛成	0.513[0.503,0.523]	0.484[0.474,0.494]	0.487[0.477,0.497]
	中間	0.5[0.49,0.51]	0.5[0.49,0.51]	0.502[0.492,0.512]
	反対	0.487[0.477,0.496]	0.515[0.506,0.525]	0.511[0.501,0.521]
定数削減	賛成	0.525[0.515,0.535]	0.484[0.474,0.495]	0.488[0.478,0.498]
	中間	0.495[0.485,0.504]	0.498[0.489,0.508]	0.491[0.481,0.501]
	反対	0.48[0.47,0.491]	0.517[0.507,0.527]	0.521[0.511,0.531]

### C.2. 図2の分析結果の詳細

属性	水準	50歳未満			50歳以上		
		改革	右派	保守	改革	右派	保守
		賛成	0.505[0.491,0.52]	0.5[0.485,0.515]	0.501[0.486,0.516]	0.505[0.491,0.519]	0.525[0.51,0.539]
改憲9条	中間	0.51[0.496,0.524]	0.491[0.477,0.506]	0.501[0.487,0.515]	0.489[0.475,0.503]	0.51[0.496,0.524]	0.507[0.493,0.52]
	反対	0.485[0.47,0.499]	0.509[0.494,0.523]	0.498[0.483,0.512]	0.506[0.492,0.52]	0.464[0.45,0.479]	0.476[0.461,0.49]
	賛成	0.508[0.493,0.523]	0.514[0.499,0.529]	0.51[0.495,0.524]	0.485[0.471,0.499]	0.537[0.524,0.551]	0.525[0.511,0.538]
防衛力強化	中間	0.5[0.485,0.514]	0.498[0.483,0.512]	0.495[0.481,0.51]	0.502[0.488,0.516]	0.507[0.493,0.52]	0.498[0.484,0.512]
	反対	0.492[0.477,0.507]	0.488[0.473,0.503]	0.495[0.481,0.51]	0.513[0.499,0.527]	0.455[0.441,0.469]	0.477[0.463,0.491]
	賛成	0.496[0.481,0.511]	0.511[0.497,0.526]	0.52[0.506,0.535]	0.498[0.485,0.511]	0.522[0.509,0.536]	0.514[0.501,0.527]
謝罪外交やめ	中間	0.498[0.484,0.512]	0.492[0.478,0.506]	0.485[0.471,0.5]	0.505[0.491,0.519]	0.502[0.488,0.515]	0.495[0.481,0.508]
	反対	0.506[0.491,0.52]	0.497[0.483,0.511]	0.495[0.481,0.509]	0.497[0.483,0.511]	0.476[0.462,0.49]	0.491[0.477,0.505]
	賛成	0.512[0.498,0.526]	0.483[0.469,0.497]	0.483[0.469,0.498]	0.522[0.508,0.536]	0.482[0.469,0.496]	0.48[0.467,0.493]
女性活躍	中間	0.507[0.493,0.521]	0.509[0.494,0.524]	0.488[0.473,0.503]	0.494[0.48,0.507]	0.494[0.48,0.507]	0.5[0.486,0.513]
	反対	0.481[0.467,0.496]	0.508[0.494,0.523]	0.528[0.514,0.542]	0.485[0.472,0.499]	0.523[0.51,0.536]	0.52[0.506,0.533]
	賛成	0.54[0.526,0.555]	0.461[0.447,0.475]	0.472[0.458,0.487]	0.548[0.534,0.562]	0.457[0.443,0.471]	0.45[0.436,0.465]
同性婚	中間	0.497[0.482,0.511]	0.503[0.489,0.517]	0.492[0.478,0.506]	0.499[0.485,0.512]	0.494[0.481,0.507]	0.505[0.491,0.519]
	反対	0.461[0.446,0.476]	0.538[0.523,0.553]	0.537[0.522,0.552]	0.454[0.44,0.468]	0.549[0.534,0.563]	0.544[0.53,0.558]
	賛成	0.517[0.503,0.532]	0.468[0.453,0.483]	0.485[0.47,0.499]	0.519[0.505,0.532]	0.496[0.482,0.509]	0.486[0.472,0.499]
外国人労働者	中間	0.496[0.482,0.509]	0.502[0.488,0.516]	0.495[0.481,0.51]	0.503[0.49,0.517]	0.498[0.484,0.511]	0.502[0.488,0.516]
	反対	0.488[0.474,0.502]	0.529[0.515,0.543]	0.519[0.505,0.533]	0.478[0.464,0.492]	0.507[0.493,0.521]	0.512[0.499,0.526]
	賛成	0.499[0.485,0.513]	0.491[0.477,0.506]	0.493[0.478,0.508]	0.497[0.483,0.511]	0.512[0.499,0.526]	0.501[0.488,0.515]
経済成長	中間	0.493[0.479,0.507]	0.515[0.501,0.53]	0.505[0.491,0.52]	0.496[0.482,0.51]	0.494[0.481,0.508]	0.5[0.486,0.514]
	反対	0.508[0.494,0.523]	0.493[0.479,0.508]	0.502[0.487,0.516]	0.507[0.494,0.521]	0.493[0.479,0.507]	0.499[0.485,0.513]
	賛成	0.513[0.499,0.527]	0.493[0.478,0.507]	0.492[0.478,0.506]	0.513[0.499,0.527]	0.477[0.463,0.491]	0.483[0.469,0.496]
富裕層課税	中間	0.503[0.488,0.517]	0.501[0.486,0.516]	0.497[0.482,0.512]	0.499[0.486,0.512]	0.499[0.486,0.513]	0.506[0.492,0.519]
	反対	0.484[0.47,0.499]	0.506[0.492,0.52]	0.511[0.496,0.525]	0.489[0.475,0.502]	0.523[0.51,0.537]	0.511[0.498,0.524]
	賛成	0.524[0.509,0.539]	0.493[0.478,0.508]	0.486[0.472,0.5]	0.527[0.513,0.541]	0.477[0.463,0.49]	0.49[0.476,0.504]
定数削減	中間	0.495[0.481,0.509]	0.496[0.482,0.51]	0.493[0.479,0.507]	0.494[0.481,0.507]	0.5[0.487,0.513]	0.489[0.476,0.503]
	反対	0.482[0.467,0.497]	0.511[0.496,0.526]	0.521[0.507,0.535]	0.479[0.465,0.493]	0.523[0.509,0.537]	0.52[0.506,0.534]

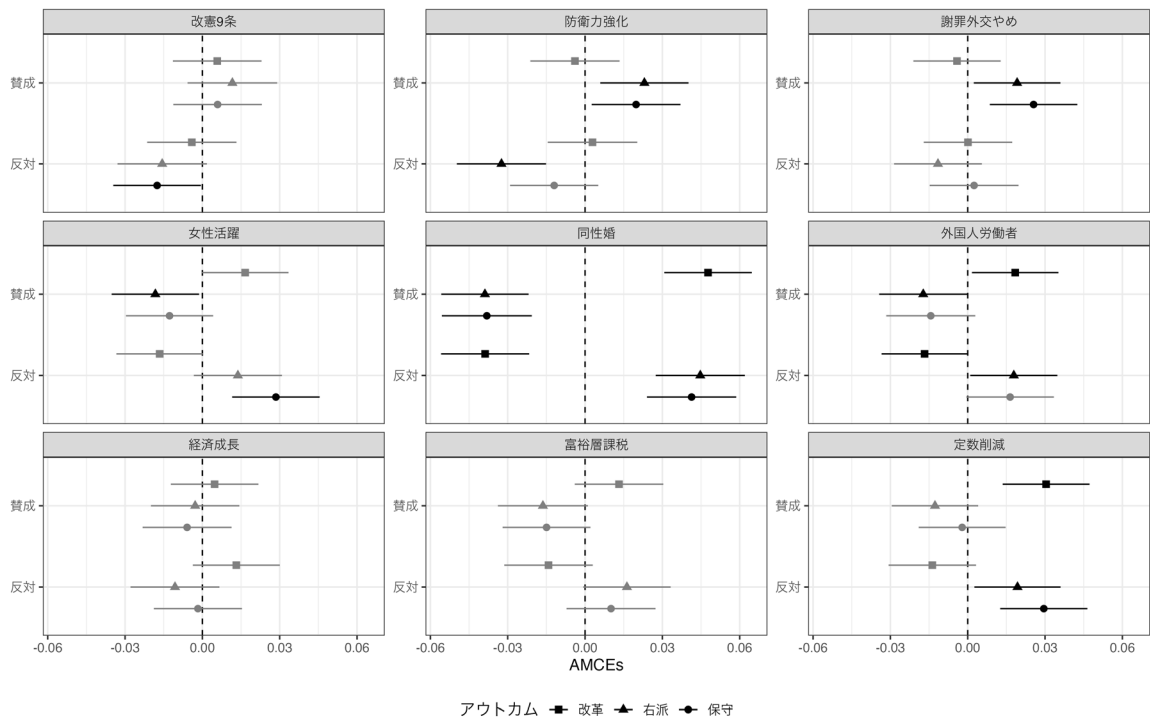
### C.3. 図3の分析結果の詳細

属性	水準	右派/左派			中道		NA			
		改革	右派	保守	改革	保守	改革	右派	保守	
		賛成	0.483[0.467,0.499]	0.54[0.523,0.556]	0.542[0.526,0.559]	0.525[0.502,0.549]	0.497[0.474,0.52]	0.493[0.47,0.515]	0.514[0.497,0.531]	0.5[0.482,0.518]
改憲9条	中間	0.51[0.495,0.526]	0.489[0.473,0.504]	0.497[0.482,0.513]	0.477[0.455,0.499]	0.517[0.496,0.539]	0.512[0.491,0.534]	0.5[0.482,0.518]	0.508[0.49,0.525]	0.507[0.489,0.525]
	反対	0.506[0.49,0.523]	0.472[0.455,0.488]	0.46[0.444,0.476]	0.499[0.476,0.521]	0.485[0.463,0.508]	0.495[0.472,0.518]	0.486[0.468,0.504]	0.493[0.475,0.511]	0.508[0.49,0.526]
	賛成	0.489[0.473,0.504]	0.535[0.52,0.551]	0.533[0.518,0.549]	0.481[0.458,0.503]	0.525[0.503,0.547]	0.513[0.491,0.535]	0.516[0.497,0.534]	0.517[0.499,0.535]	0.501[0.483,0.52]
防衛力強化	中間	0.5[0.484,0.516]	0.499[0.483,0.514]	0.494[0.478,0.51]	0.508[0.485,0.531]	0.508[0.485,0.53]	0.504[0.481,0.527]	0.493[0.476,0.51]	0.499[0.482,0.517]	0.498[0.482,0.515]
	反対	0.511[0.495,0.528]	0.464[0.448,0.48]	0.471[0.455,0.487]	0.511[0.489,0.534]	0.467[0.445,0.49]	0.483[0.459,0.506]	0.492[0.475,0.51]	0.484[0.466,0.502]	0.5[0.484,0.517]
	賛成	0.48[0.464,0.496]	0.532[0.516,0.548]	0.529[0.514,0.545]	0.5[0.478,0.521]	0.515[0.493,0.537]	0.522[0.501,0.543]	0.511[0.494,0.528]	0.501[0.484,0.518]	0.499[0.481,0.516]
謝罪外交やめ	中間	0.504[0.489,0.519]	0.495[0.48,0.511]	0.488[0.473,0.504]	0.504[0.482,0.525]	0.483[0.462,0.504]	0.491[0.469,0.513]	0.503[0.485,0.521]	0.504[0.486,0.521]	0.497[0.479,0.515]
	反対	0.515[0.5,0.531]	0.473[0.458,0.489]	0.483[0.468,0.499]	0.497[0.476,0.518]	0.502[0.48,0.523]	0.487[0.465,0.509]	0.486[0.468,0.504]	0.495[0.478,0.513]	0.504[0.487,0.522]
	賛成	0.52[0.504,0.535]	0.472[0.456,0.487]	0.465[0.45,0.481]	0.53[0.507,0.553]	0.489[0.466,0.511]	0.486[0.464,0.509]	0.507[0.489,0.524]	0.495[0.478,0.511]	0.5[0.484,0.517]
女性活躍	中間	0.501[0.485,0.516]	0.503[0.487,0.52]	0.494[0.477,0.51]	0.493[0.472,0.513]	0.493[0.472,0.514]	0.501[0.48,0.521]	0.503[0.486,0.521]	0.501[0.484,0.519]	0.489[0.472,0.506]
	反対	0.481[0.465,0.496]	0.524[0.508,0.539]	0.539[0.524,0.554]	0.478[0.457,0.5]	0.518[0.496,0.539]	0.512[0.491,0.534]	0.49[0.472,0.507]	0.504[0.487,0.521]	0.511[0.493,0.528]
	賛成	0.559[0.543,0.574]	0.441[0.426,0.457]	0.45[0.434,0.466]	0.546[0.523,0.569]	0.446[0.422,0.469]	0.452[0.43,0.475]	0.519[0.501,0.538]	0.486[0.468,0.505]	0.487[0.467,0.506]
同性婚	中間	0.502[0.486,0.517]	0.498[0.483,0.513]	0.499[0.484,0.515]	0.491[0.469,0.513]	0.509[0.487,0.531]	0.498[0.477,0.52]	0.496[0.479,0.513]	0.497[0.48,0.515]	0.496[0.478,0.514]
	反対	0.437[0.421,0.453]	0.564[0.547,0.58]	0.553[0.537,0.57]	0.462[0.439,0.486]	0.546[0.523,0.569]	0.55[0.528,0.573]	0.485[0.467,0.503]	0.517[0.498,0.535]	0.518[0.499,0.536]
	賛成	0.525[0.509,0.541]	0.485[0.469,0.501]	0.47[0.454,0.485]	0.532[0.511,0.553]	0.473[0.451,0.495]	0.481[0.458,0.503]	0.498[0.48,0.516]	0.484[0.467,0.502]	0.507[0.489,0.525]
外国人労働者	中間	0.499[0.484,0.514]	0.502[0.486,0.518]	0.502[0.487,0.517]	0.491[0.47,0.512]	0.514[0.492,0.535]	0.504[0.482,0.525]	0.515[0.499,0.532]	0.49[0.473,0.507]	0.493[0.475,0.511]
	反対	0.476[0.46,0.492]	0.513[0.497,0.529]	0.528[0.512,0.543]	0.477[0.456,0.498]	0.513[0.492,0.534]	0.516[0.495,0.537]	0.487[0.47,0.504]	0.525[0.507,0.542]	0.5[0.482,0.518]
	賛成	0.495[0.48,0.511]	0.5[0.484,0.515]	0.503[0.487,0.519]	0.495[0.473,0.518]	0.503[0.479,0.526]	0.498[0.475,0.521]	0.5[0.482,0.517]	0.505[0.488,0.522]	0.498[0.48,0.515]
経済成長	中間	0.488[0.472,0.504]	0.51[0.494,0.526]	0.504[0.488,0.519]	0.498[0.477,0.518]	0.499[0.478,0.52]	0.511[0.49,0.532]	0.496[0.479,0.514]	0.504[0.487,0.522]	0.491[0.473,0.509]
	反対	0.516[0.501,0.531]	0.491[0.475,0.507]	0.494[0.478,0.509]	0.508[0.485,0.53]	0.498[0.475,0.522]	0.49[0.468,0.513]	0.504[0.486,0.522]	0.49[0.472,0.508]	0.512[0.494,0.531]
	賛成	0.506[0.49,0.521]	0.471[0.455,0.487]	0.48[0.464,0.496]	0.516[0.494,0.538]	0.477[0.455,0.5]	0.476[0.454,0.498]	0.518[0.5,0.536]	0.501[0.483,0.519]	0.504[0.487,0.521]
富裕層課税	中間	0.511[0.496,0.526]	0.507[0.491,0.522]	0.501[0.486,0.517]	0.497[0.474,0.52]	0.509[0.487,0.532]	0.506[0.483,0.528]	0.487[0.469,0.505]	0.486[0.468,0.504]	0.503[0.485,0.52]
	反対	0.484[0.469,0.499]	0.521[0.505,0.536]	0.518[0.502,0.533]	0.486[0.463,0.508]	0.514[0.492,0.536]	0.52[0.498,0.541]	0.495[0.477,0.512]	0.513[0.496,0.53]	0.494[0.476,0.511]
	賛成	0.526[0.511,0.542]	0.48[0.464,0.495]	0.489[0.474,0.504]	0.524[0.502,0.545]	0.482[0.46,0.503]	0.497[0.476,0.518]	0.525[0.506,0.544]	0.494[0.476,0.513]	0.485[0.467,0.504]
定数削減	中間	0.495[0.48,0.51]	0.493[0.478,0.508]	0.491[0.475,0.506]	0.494[0.473,0.514]	0.506[0.485,0.526]	0.483[0.462,0.503]	0.496[0.479,0.513]	0.496[0.479,0.513]	0.491[0.473,0.508]
	反対	0.479[0.463,0.495]	0.527[0.512,0.543]	0.52[0.505,0.536]	0.484[0.462,0.506]	0.512[0.49,0.533]	0.521[0.499,0.542]	0.479[0.46,0.498]	0.51[0.491,0.528]	0.524[0.506,0.543]

### D. 図1～図3のAMCEsの結果

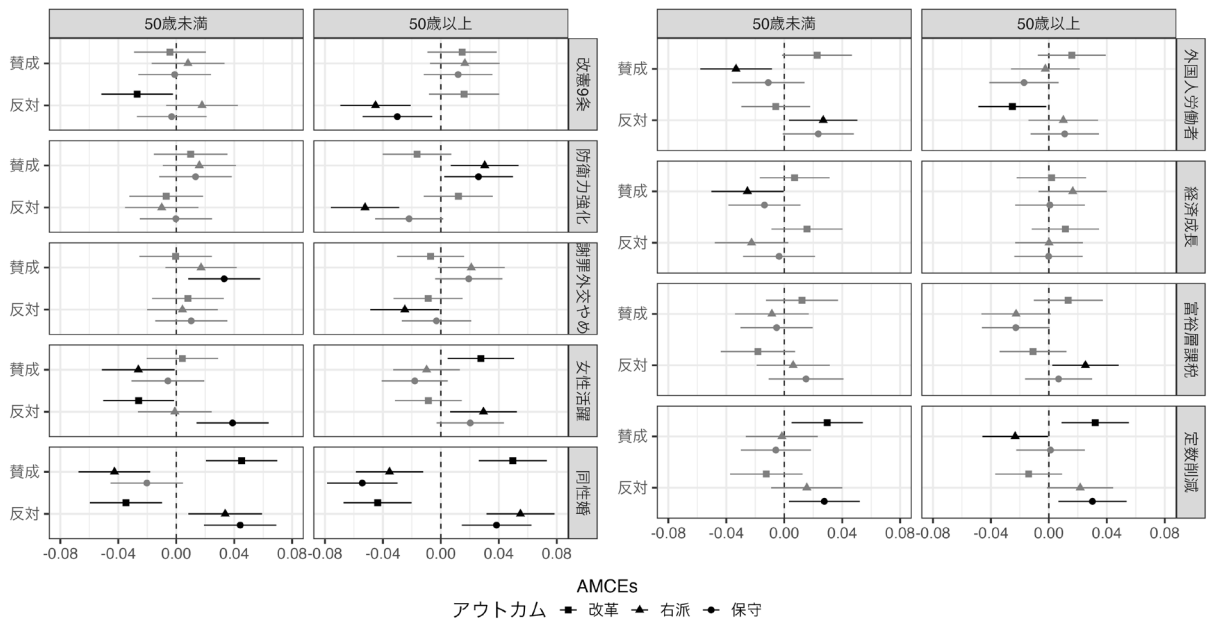
図1～図3について、Average Marginal Component Effects(AMCEs)で推定した場合の結果は、下記のとおりである。

## D.1. AMCEs の場合の図 1



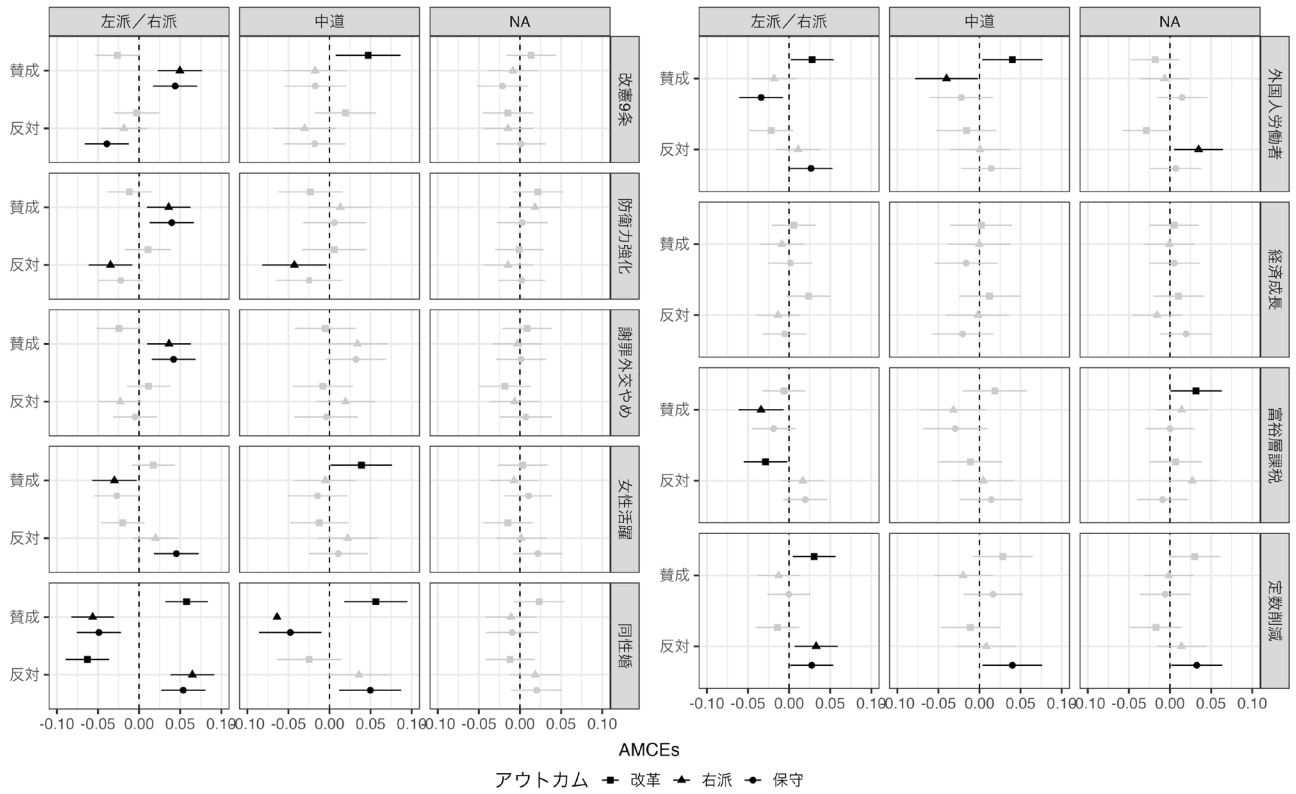
\*1) 信頼区間が0のラインをまたいでいない場合は黒色で示す  
 \*2) 各水準の基準は「賛成でも反対でもない」

## D.2. AMCEs の場合の図 2



\*1) 信頼区間が0のラインをまたいでいない場合は黒色で示す  
 \*2) 各水準の基準は「賛成でも反対でもない」

### D.3. AMCEs の場合の図 3



\*1) 信頼区間が0のラインをまたいでいない場合は黒色で示す

\*2) 各水準の基準は「賛成でも反対でもない」