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497	Jjuhardi et al.; Protecting National Security and Economic Freedom	Submission

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 Arfiah Busari, Mrs., Zamruddin Hasid, Prof. Dr., Jjuhardi Jjuhardi, Dr.

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Dr. Jjuhardi Jjuhardi:

Thank you for submitting the manuscript, "Protecting National Security and Economic Freedom" to Intermestic: Journal of International Studies. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

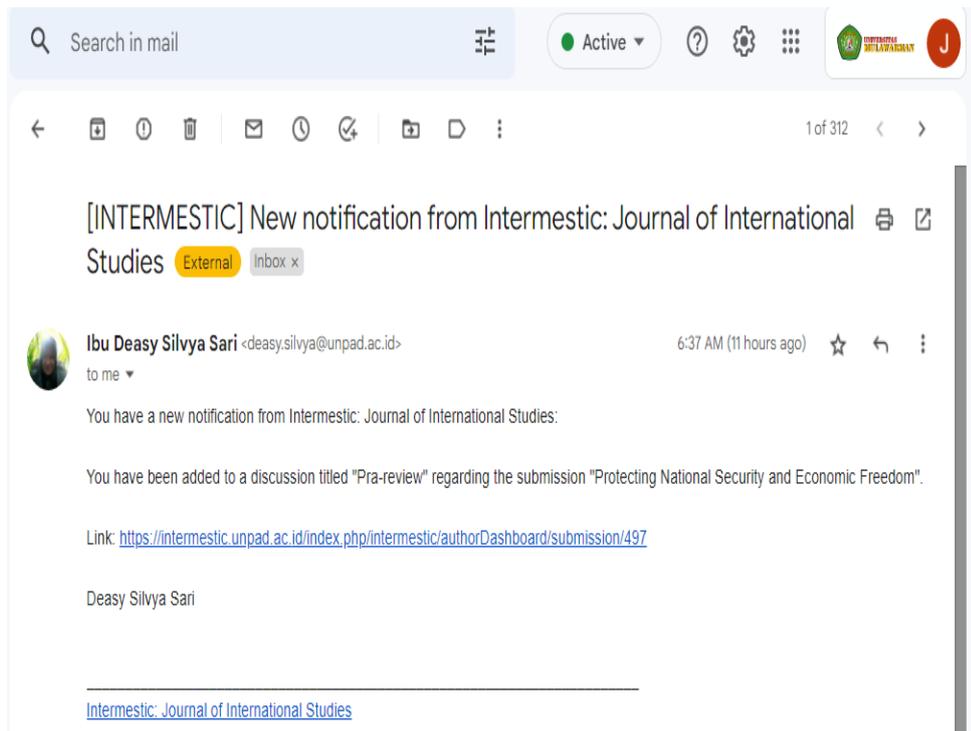
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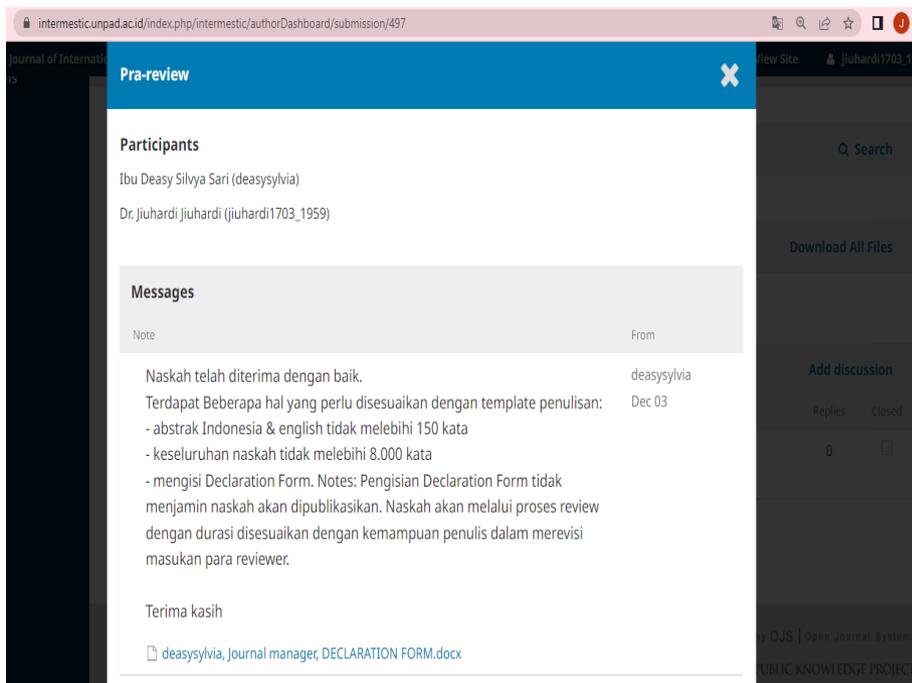
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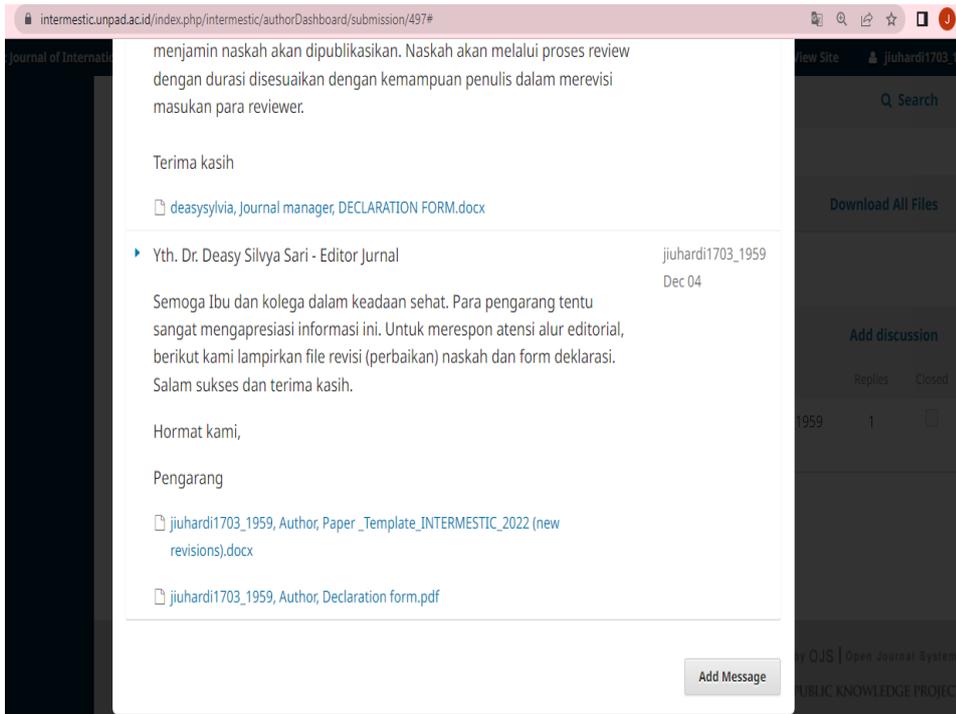
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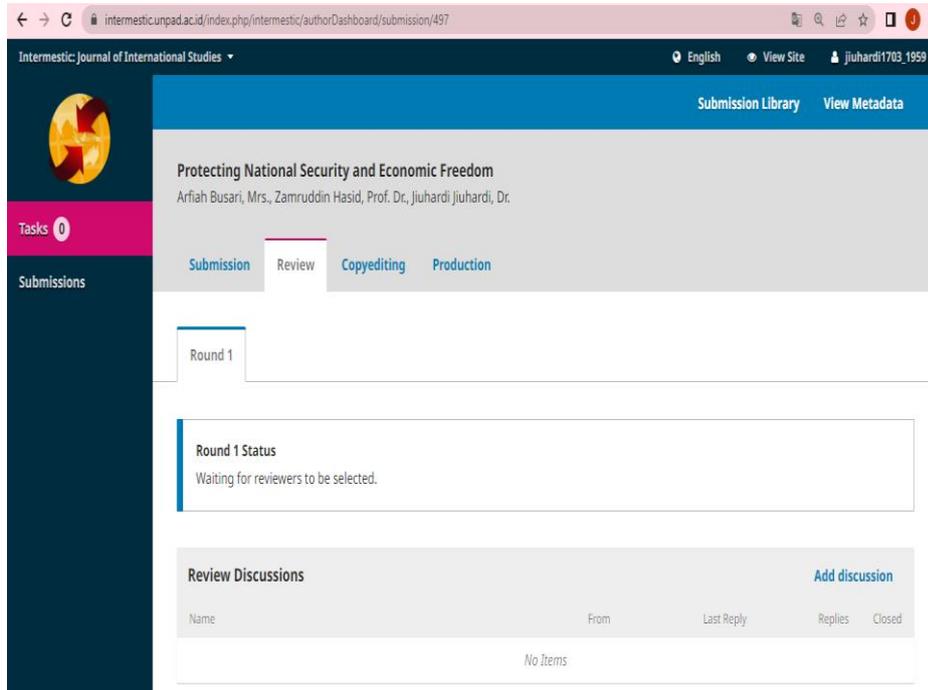
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Arfin Sudirman <arfin.sudirman@unpad.ac.id>
to me

3:06 PM (2 hours ago)

Arfiah Busari, Mrs., Zamruddin Hasid, Prof. Dr., Jjuhardi Jjuhardi, Dr.:

We have reached a decision regarding your submission to Intermestic: Journal of International Studies, "Protecting National Security and Economic Freedom".

Our decision is: Revisions Required

Arfin Sudirman
Dept. International Relations, Universitas Padjadjaran
arfin.sudirman@unpad.ac.id

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J Juhardi Juhardi to Arfin

6:03 PM (0 minutes ago)

Yth. Dr. Arfin Sudirman,

Terima kasih untuk informasi ini. Kami sangat mengapresiasi respon Dewan Editor Jurnal terkait proses review. Untuk merespon "revisi artikel", apakah para pengarang diberikan rincian atau semacam lampiran kertas yang telah diulas oleh reviewer? Pasalnya, kami tidak menemukan tinjauan awal di OJS. Menunggu konfirmasi positif dari Bpk/Ibu.

Salam hormat,
Dr. Juhardi

...

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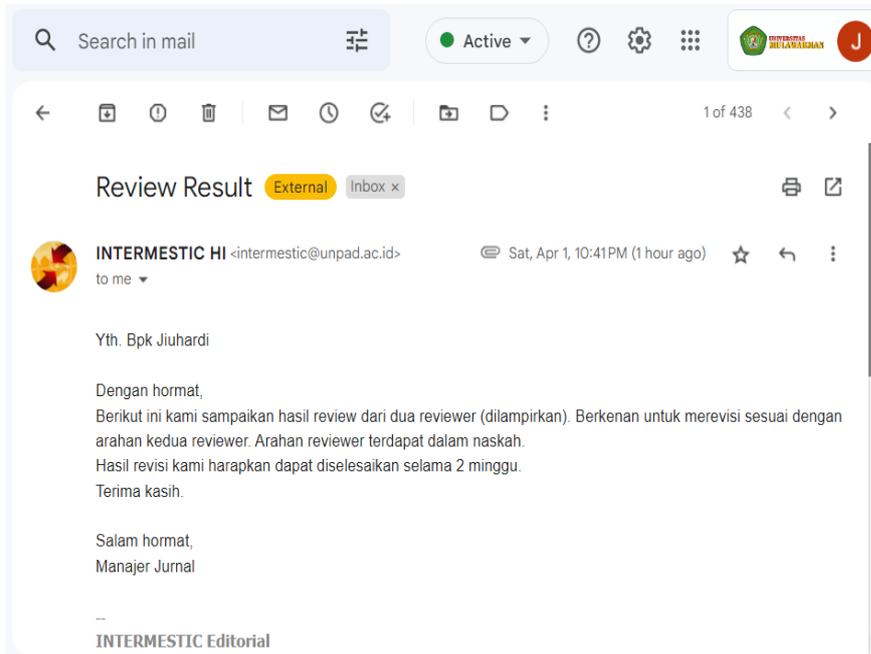
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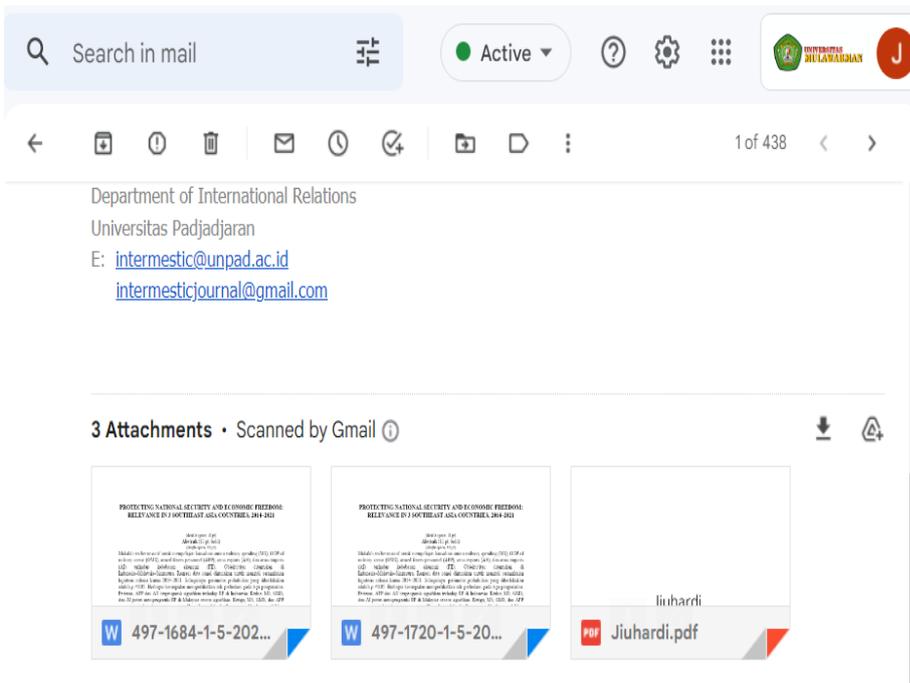
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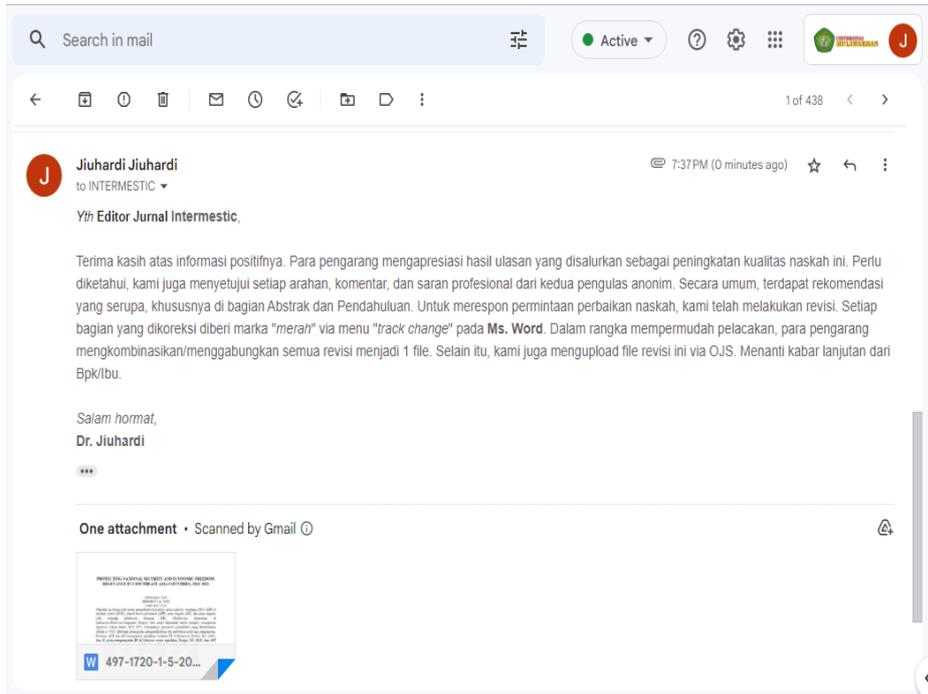
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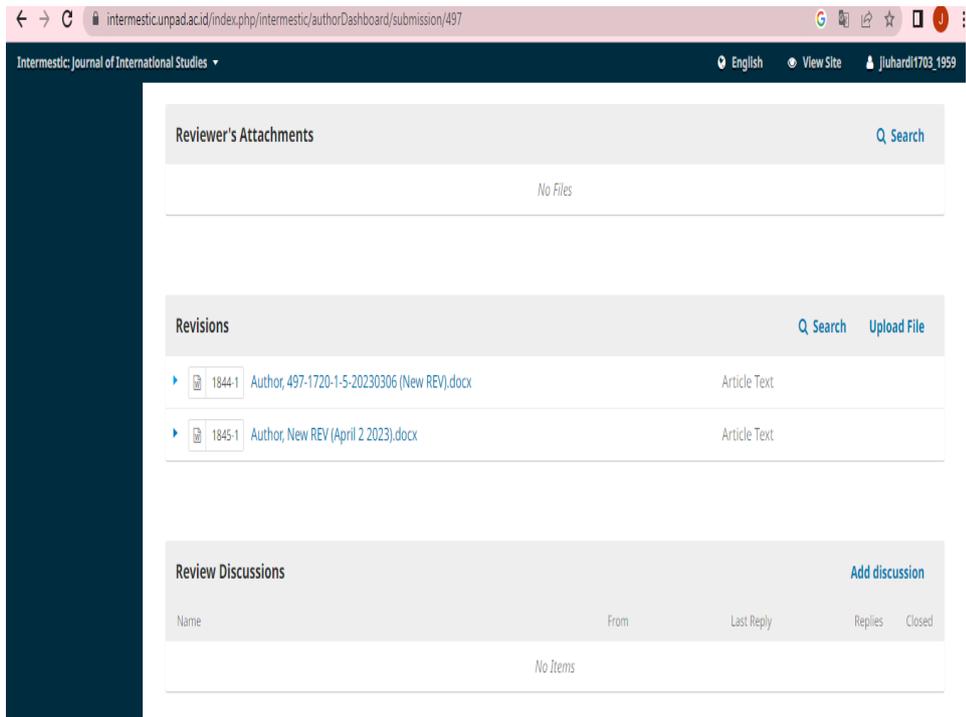
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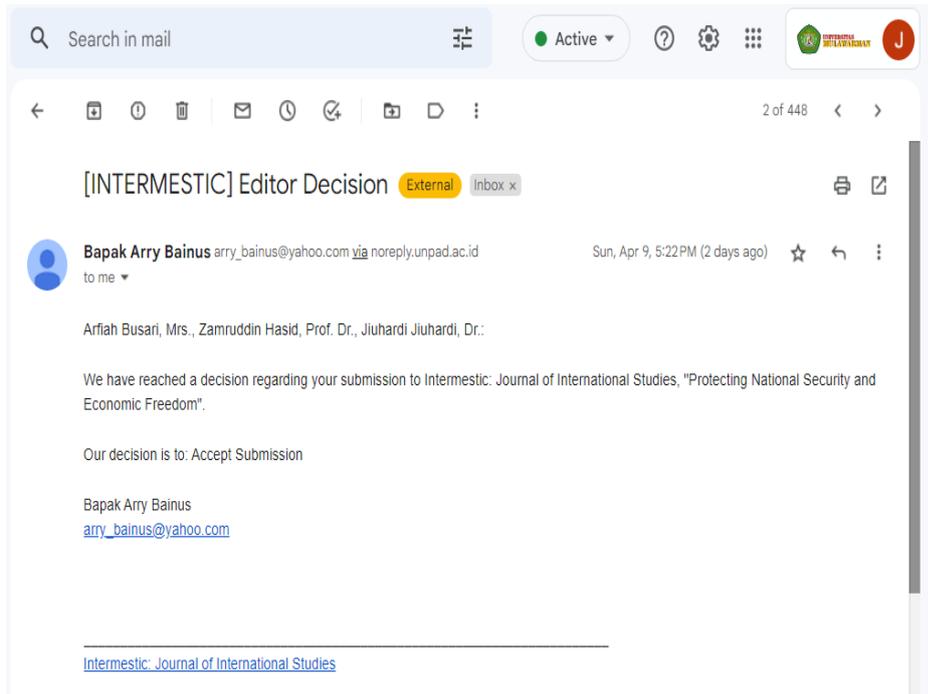
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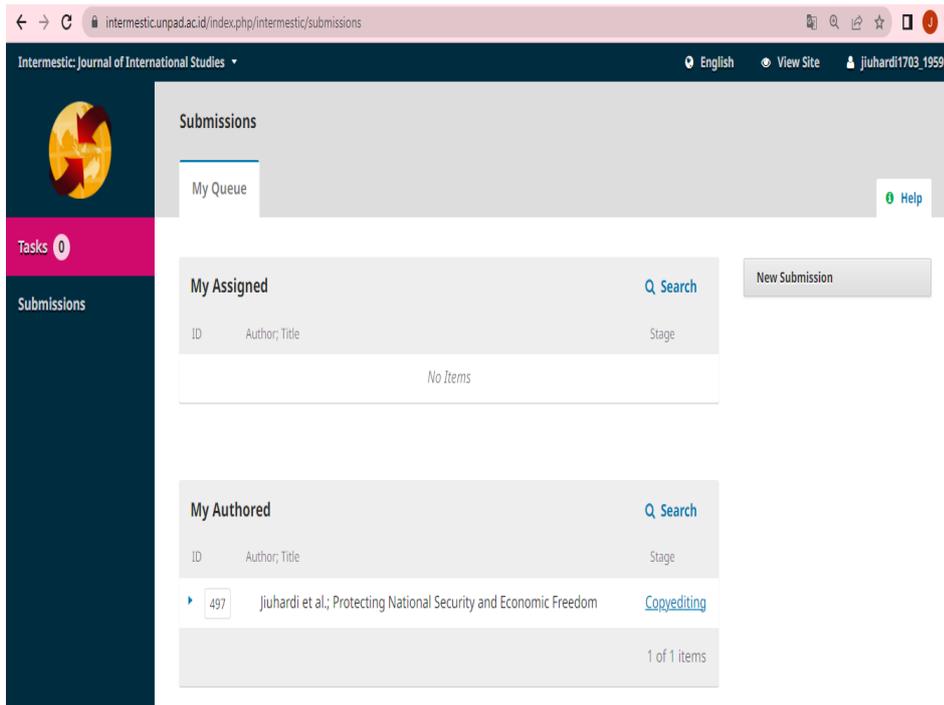
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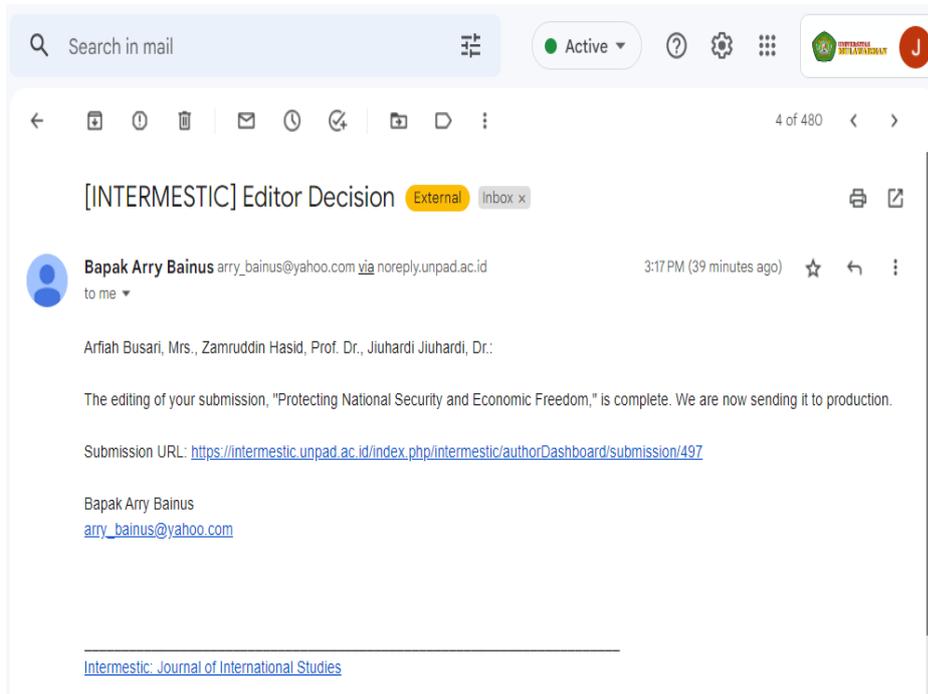
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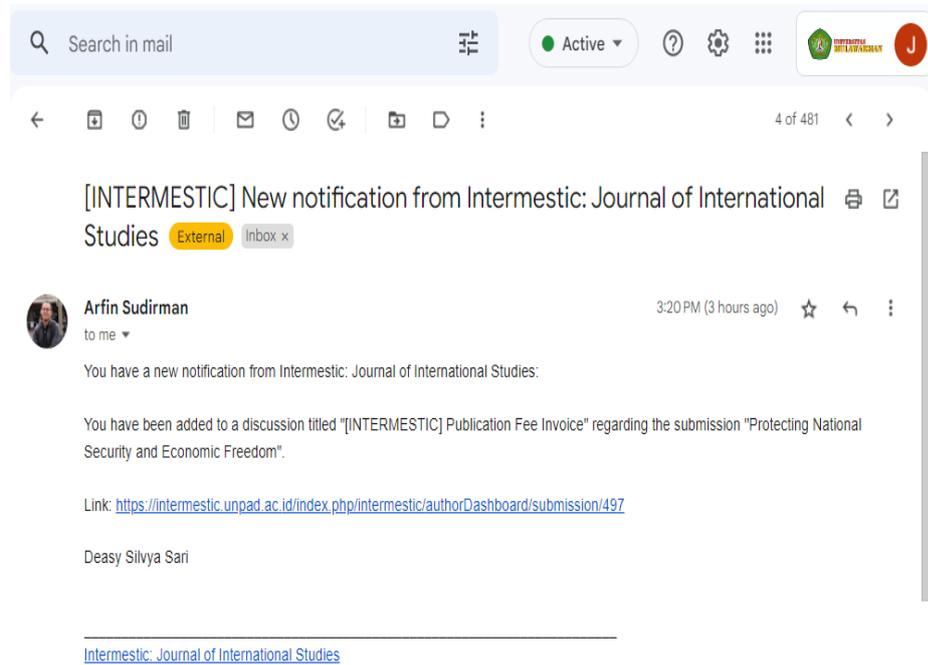
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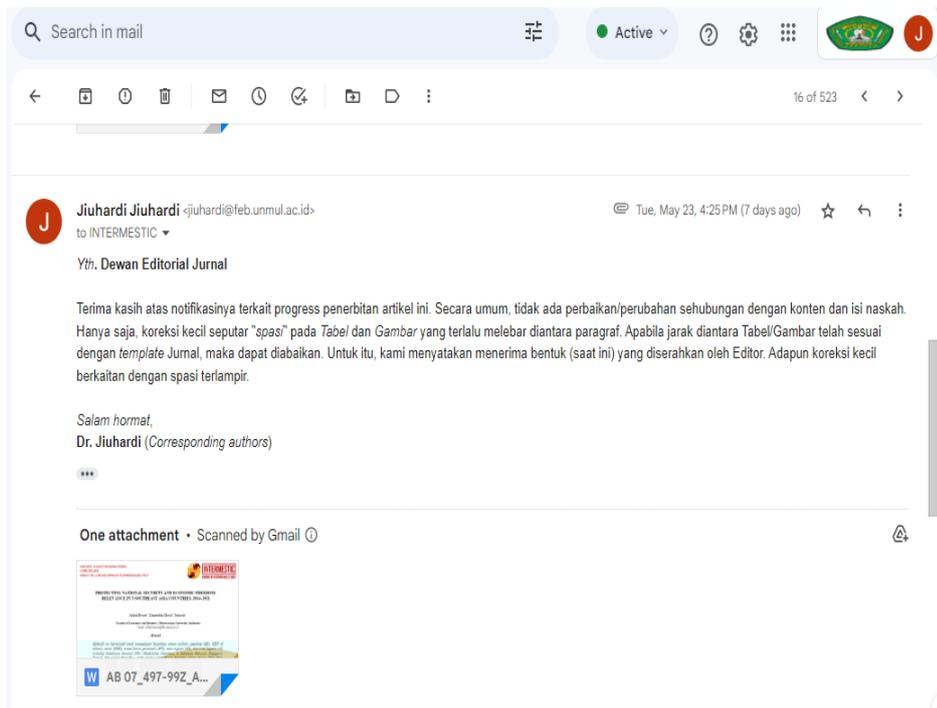
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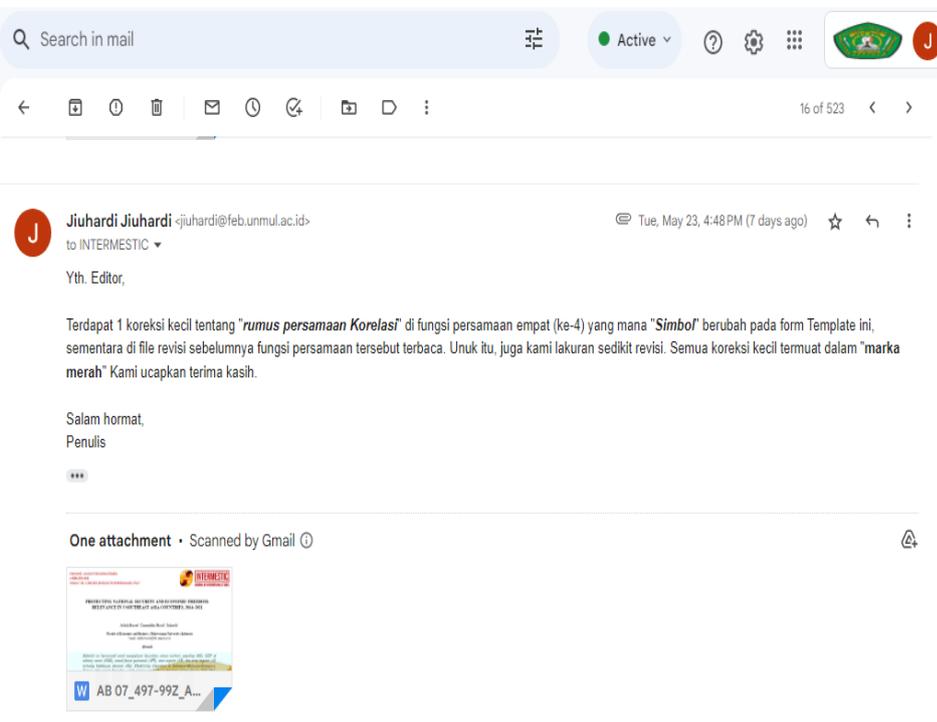
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497	Jiuhardi et al.; Protecting National Security and Economic Freedom	Production

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Ibu Deasy Silvy Sari <deasy.silvy@unpad.ac.id> 10:44 AM (30 minutes ago) ☆ ↶ ⋮
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Protecting National Security and Economic Freedom

Relevance in 3 Southeast Asia Countries, 2014–2021

pdf

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Abstract

This paper takes the initiative to study the causality between military spending (MS), GDP of military sector (GMS), armed forces personnel (AFP), arms exports (AE), and arms imports (AI) and economic freedom (FE). Objectivity is determined in Indonesia–Malaysia–Singapore. Panel data regression is using to test a series of hypotheses over the period 2014–2021. Furthermore, the probability parameter applied is $\alpha < 0.05$. Various conclusions show that there are differences in the three observations. First, AFP and AE have a significant effect on EF in Indonesia. Second, MS, GMS, and AI actually affect EF in Malaysia significantly. Third, MS, GMS, and AFP have significant links to EF in Singapore. The results of the investigation provide useful insights into the progress of the military industry and weapons technology, thereby bringing about a more progressive economic escalation. Economic freedom as an identity that symbolizes the maturity of a country's prosperity. Therefore, peace is difficult to achieve if the demands to fight for prosperity are not carried

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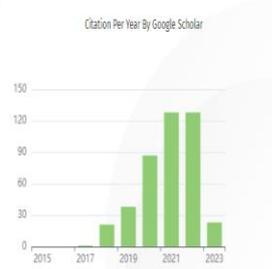
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77 **PROTECTING NATIONAL SECURITY AND ECONOMIC FREEDOM:**
78 **RELEVANCE IN 3 SOUTHEAST ASIA COUNTRIES, 2014–2021**

79
80
81 (double space, 10 pt)

82 **Abstrak** (12 pt, bold)

83 (single space, 10 pt)

84 Makalah ini berinisiatif untuk mempelajari kausalitas antara military spending (MS), GDP of
85 military sector (GMS), armed forces personnel (AFP), arms exports (AE), dan arms imports
86 (AI) terhadap kebebasan ekonomi (FE). Objektivitas ditentukan di Indonesia–Malaysia–
87 Singapura. Regresi data panel digunakan untuk menguji serangkaian hipotesis selama kurun
88 2014–2021. Selanjutnya, parameter probabilitas yang diberlakukan adalah $\rho < 0,05$. Berbagai
89 kesimpulan memperlihatkan ada perbedaan pada tiga pengamatan. Pertama, AFP dan AE
90 berpengaruh signifikan terhadap EF di Indonesia. Kedua, MS, GMS, dan AI justru
91 mempengaruhi EF di Malaysia secara signifikan. Ketiga, MS, GMS, dan AFP mempunyai
92 keterkaitan yang signifikan bagi EF di Singapura. Dalam reaksinya, temuan mendeteksi
93 bahwa pembangunan militer meningkatkan kebebasan ekonomi di Indonesia dan Singapura,
94 tetapi tidak untuk kasus di Malaysia secara kolektif. Hasil penyelidikan memberikan
95 wawasan yang berguna mengenai kemajuan industri militer dan teknologi senjata, sehingga
96 membawa eskalasi perekonomian yang lebih progresif. Kedamaian sukar tercapai apabila
97 tuntutan untuk memperjuangkan kesejahteraan tidak selenggarakan.

Comment [H1]: Temuannya apa?. **REPLY:**
Revised and added in 1 sentence to Abstract.

98
99 (single space, 10 pt)

Kata Kunci:	Belanja Militer; PDB Militer; Personil Angkatan Bersenjata; Ekspor dan Impor Senjata; Regresi Data Panel
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100
101 (double space, 10 pt)

102 **Abstract** (12 pt, bold)

103 (single space, 10 pt)

104 *This paper takes the initiative to study the causality between military spending (MS), GDP of*
105 *military sector (GMS), armed forces personnel (AFP), arms exports (AE), and arms imports*
106 *(AI) and economic freedom (FE). Objectivity is determined in Indonesia–Malaysia–*
107 *Singapore. Panel data regression is using to test a series of hypotheses over the period 2014–*
108 *2021. Furthermore, the probability parameter applied is $\rho < 0.05$. Various conclusions show*
109 *that there are differences in the three observations. First, AFP and AE have a significant*
110 *effect on EF in Indonesia. Second, MS, GMS, and AI actually affect EF in Malaysia*
111 *significantly. Third, MS, GMS, and AFP have significant links to EF in Singapore. In*
112 *reaction, the findings detect that military build-up increasing economic freedom in Indonesia*
113 *and Singapore, but not in Malaysia collectively. The results of the investigation provide*
114 *useful insights into the progress of the military industry and weapons technology, thereby*
115 *bringing about a more progressive economic escalation. Economic freedom as an identity*
116 *that symbolizes the maturity of a country's prosperity.*

Comment [MOU2]: Results or conclusions
haven't mentioned clearly. **REPLY:** Revised and
added in 1 sentence to Abstract.

117 (single space, 10 pt)

Keywords:	Military Spending; GDP of Military; Armed Forces Personnel; Arms Exports and Imports; Panel Data Regression
------------------	---

121 **Introduction (12 pt, bold)**
122 (single space, 10 pt)
123 **Security** is key to social, political, ethnic and economic stability in many countries (Goryakin
124 et al., 2015). The level of security is also seen as a dignity and splendour of a nation (Kelman,
125 1977; McCrudden, 2008). Poor defense crisis, defined as ~~weak~~decrease recognition of
126 military protection (e.g. Feaver, 1999; Hirsch Ballin et al., 2020; Samaras et al., 2019).
127 Substantially, the government is authoritarian in the process, checks, and convergence of
128 military regulations (Emily, 2022).

129 The world's great commitment to fighting crime is actualized through the revolution
130 of its military institutions that oversee transnational security. This great work is a global
131 demand for peace. Each country also has the opportunity to focus on domestic security,
132 where every soldier is prepared with a comprehensive weaponry aspect (Riedel, 2004). Given
133 the urgency and essence of national security being an integrated package, the military
134 attributes will inherit a more successful cycle of change, agency, and democratic structures
135 (Croissant et al., 2011). The depth of military strength can improve institutional patterns and
136 prevention capacities from internal and external threats (Croissant & Kuehn, 2009).

137 Like emerging markets, such as Indonesia–Malaysia–Singapore, the military and
138 armaments are industries that have bright prospects (Bitzinger, 2010; 2013; 2022).
139 Considering geographical factors that are close to each other, these countries always
140 collaborate in military training and revitalization of defense in the air, land and sea territories,
141 so that the diplomatic side continues to increase (Milia et al., 2018). Technically, all three are
142 also incorporated in the Southeast Asian region, so that security connectivity is operated by
143 tightening security from terrorists, illegal immigrants, trafficking in women and children,
144 illegal workers, and asylum seekers who trigger commercial or state financial losses (Thayer,
145 2007). Borderlines in Indonesia–Malaysia–Singapore, allow inter-sub-regional guarding.
146 When there is a vertical and horizontal conflict between these three countries, the resolution
147 of the problem is bridged by the United Nations council.

148 Often, military constraints and interests interfere with partnership interactions, such as
149 economic freedom (Long & Leeds, 2006; Wignaraja et al., 2019). In fact, a good corporate
150 atmosphere indicates a positive state image. In the context of emergency situations such as
151 economic bankruptcy, destruction by natural disasters, disturbances to public peace,
152 ceasefires, widespread terrorist aggression, and expansive demonstrations, security protection
153 is generally under the control of the military hierarchy (Callejas & Cazeau, 2016).
154 Publications highlighting the relationship between national security and economic freedom

Comment [i-3]: 1.The topic that is the problem has not been explained, especially regarding the problems in the 3 countries that are the case. **REPLY: The topic that is a problem regarding military development with condition of economic freedom in 3 countries has been presented in paragraph 3 -> Introduction (page 2).**
2.Research Puzzle (das Sein vs. das Sollen) and Problem Statement have not been submitted. **REPLY: The addition of sentences that imply a problem statement: introduction -> the beginning of the sentence in paragraph 7 -> p. 3.**
3.There is no main argument for the state of the art. **REPLY: The main argument is added to 1 new section -> introduction -> paragraph 6 -> p. 3.**

Comment [MOU4]: Give further explanation the citations taken in this article. **REPLY: Further explanation of the excerpts taken is explained specifically to support the main argument on introduction -> paragraph 6 -> p. 3.**

155 were reviewed by Djidrov et al. (2013), Dokmanović & Cvetičanin (2020), Markina et al.
156 (2018), and Retter et al. (2020). Empirical evaluation in the Balkans, Ukraine, and the
157 Netherlands shows that the performance of economic freedom reflects integrated national
158 security. On the one hand, Brkić (2020) and Graafland (2020) argues that the national
159 security system stimulates economic freedom for 86 countries, including the European Union
160 (EU).

161 Stimulating economic freedom is one of several constitutional goals for the
162 establishment of a prosperous, united and sovereign state. As a "universal terminology" that
163 emphasizes the loci of various conditions that represent quality in human life (Lees, 2016).
164 Among the various criteria are prosperity, physical and mental health, capacity for reasoning,
165 skills, and, of course, the happiness of living life as a human being. Meanwhile, the word
166 "universal" attached to the "concept of economic freedom" bridges the nature of society, in
167 which every citizen has the right to enjoy welfare (e.g. Chirimbu & Barbu-Chirimbu, 2011;
168 Cruz-Martínez, 2019). It is clear that the ideals of welfare as outlined in this state ideological
169 consortium are complex and cannot be reduced to merely economic affairs. It is also
170 undeniable that economic freedom in an integral sense can be realized if certain economic
171 conditions are also successfully implemented (Walker et al., 2021). According to Mensah
172 (2019), implementing economic principles that are compatible with the prosperity agenda
173 will never lack relevance in any endeavour.

174 In essence, the preference contained in the arguments and literature above, produce
175 contradictory debates about economic freedom. So far, the primary problems towards
176 inclusive economic freedom will not be easily realized if domestic stability does not
177 guarantee security, including the military. Apart from being centered on domestic security,
178 the main part is collaboration between nations in import–export, for example weapons
179 commodities. The complexity, systematic planning of government spending in the military
180 sector, GDP, compliance of armed forces, and the export–import balance imply the resilience
181 of a country.

182 Responding to a series of situations about the renewal of the military system which is
183 seen as weak, has the potential to hinder the existence of economic freedom. The statement of
184 the underlying problem must be responded to by periodically allocating military financing,
185 strengthening the armed forces, revitalizing supply chain procedures for producing military
186 equipment or embracing allies in arms partnerships, and channeling instructions or ideas, thus
187 implying the message that national independence cannot be separated from a conducive

188 | economy. Referring to the facts ~~above~~, it proves that domestic security is a tool to guarantee
189 contemporary economic freedom. Ideally, the national security strategy plays a vital role and
190 represents the economic safety of a nation. So, the motivation of this article is to investigate
191 the effect of national security on economic freedom in 3 Southeast Asian countries
192 (Indonesia–Malaysia–Singapore). Therefore, peace is difficult to achieve if the demands to
193 fight for prosperity are not carried out. In brief, the panel data regression method is
194 implemented to map whether national defense including: military spending, GDP of the
195 military sector, armed forces personnel, arms exports, and arms imports for economic
196 freedom has functioned or is not optimal.

197 (1,5 space, 10 pt)

198 **Literature Review**

199 (1,5 space, 10 pt)

200 **National security**

201 (single space, 10 pt)

202 National security implies a set of judgments about the ways in which the political community
203 can protect itself from potential harm. In security initiation, such a characterization justifies
204 referral. Yet, it is also often assumed that national security is interpreted as a particular
205 ~~concept,~~ practice, and ~~typemechanism~~ of security. It has become commonplace, when
206 referring to the “traditional” paradigm of national security, as if the state is unable to adapt to
207 very drastic changes (Sussex et al., 2017).

208 | Unifying national security is a common perspectiveviewpoint, from which all
209 participation in security activities changes that aim to contribute to one common proposition
210 (Clarke et al., 2022). Although security policymakers now display different approaches, the
211 agenda tends to be harmonized through conventional rubrics in the pillars of national interest.
212 Without worrying about intellectual demarcation, which is partly understood with academic
213 thinking to study the problem of national security developments. Today, national security
214 observations have grown rapidly to refer to threats to welfare and survival. Intelligence
215 analysis is elaborated on general illustrations and basics of the focal point of problem-solving
216 in science-based intelligence.

217 | White (2018) explains that domestic security is a profession, field and practice that
218 has emerged recently in an established proportion of national security. To guide national
219 security, a set of basic principles and theory development are linked to an exclusive
220 consensus. From a different perspective, O'Sullivan & Ramsay (2015) combine the issue of
221 "homeland security" with resource competition, climate change, environmental security, and

Comment [MOU5]: -the research problem has not been specifically explained in the introduction. **REPLY:** The addition of sentences that imply a problem statement: introduction the beginning of the sentence in paragraph 7 p. 3.
-Add purpose and brief method of your research explicitly. **REPLY:** Briefly, the connection between objectives and methods is described in the introduction -> paragraph 7 -> p. 3-4.
-Give brief explanation on the method implemented in your research. **REPLY:** A brief explanation of the method of analysis of objectives is presented in the introduction -> last paragraph -> p. 4.

Comment [i-[6]: •Variables/components of theory/concepts do not describe suitability with the research problems raised, such as the military and armament industry. **REPLY:** Conceptually, the variable components are not described explicitly, but are represented by referring to the general literature. Since no studies have addressed these variables, the authors discuss the underlying theory. In the context of the relationship between indicators, for example military spending on economic freedom, where the two are related in Literature Review -> 2.1. Military and Armament Industry -> p. 5.
•Economic Freedom, has not yet explained its relation to national security issues, still using an economic perspective more dominantly. **REPLY:** Economic freedom is an inseparable content in an economic perspective. Furthermore, in relation to national security is something that multidimensional. The point is, economic freedom will not materialize if national problems, such as: welfare, population happiness, employment, and socio-economic indicators do not run smoothly. In addition, the authors follow the Journal writing procedure, where there is a limit in the number of words. Also, the authors have mentioned these two structures in Literature Review -> 2.1. National Security -> p. 4 & 2.3. Economic Freedom -> p.

222 conflict. Risk management to national security is closely linked to assisting security strategies
223 and responding to nature, such as the Asia Pacific which is heating up (Armawi &
224 Wijatmoko, 2022).

225 (1,5, 10 pt)

226 ***Military and armament industry***

227 (single space, 10 pt)

228 Before the end of the “Cold War”, research on the arms industry in developing countries
229 received little attention (Brauer, 2002). The popularity of research studying military spending
230 and its impact on economic growth and development is more crucial than examining the arms
231 industry in countries with relatively military power. It should be noted, since “World War II”,
232 technology has played a central role in defense spending in arms-producing countries. Since
233 the 1990s, despite the absence of major conflicts or threats, the defense sector absorbs the
234 bulk of research, military spending, and public development. To avoid strategic surprises, a
235 technology centric paradigm is generated in the context of the uncertainty surrounding
236 defense needs and issues. The supply side elasticity of weapons encourages defense
237 companies to develop business clusters through the launch of new military programs (Bellais,
238 2013). A market, centred on technology, tends to be favoured by defense companies with
239 connections to security governance.

240 Dombrowsk et al. (2003) believe that military transformation does not mean
241 accommodating the defense industry prominently. Much of the innovation is required to
242 integrate systems that can affect warfare into defense networks. Most likely, the defense base
243 industry is also building platforms. But, there are differences in evaluation standards for the
244 navy. To change the shipbuilding landscape, suppliers will have a stake in the industry of the
245 future, where innovative technologies by the company keep an eye on the offering of new
246 conceptssketch.

247 Case studies in the US, recent developments in the defense industry have attracted
248 demand in the global market. Dombrowski & Gholz (2009) clarified that innovative product
249 quality attributes can help investment decisions in the military sector.

250 Recently, the Asian continent is a leading consumer of weapons, where the most
251 advanced and most modern weapons are starting to enter the military inventory of the Asian
252 region. As a result, Asian militaries have experienced a significant surge. Over the past few
253 years, this has been unprecedented, both quality and quantity. After all, all these trends make
254 Asia the largest arms producer. Local weapons production also adds some value to military
255 capabilities. Although arms dependence is important for some countries in the Asia-Pacific,

256 they have attempted to at least reduce the supply of foreign weapons by equipping and
257 replacing them with manufacturers of the weapons systems needed (Bitzinger, 2017).

258 (1,5, 10 pt)

259 ***Economic freedom***

260 (single space, 10 pt)

261 Economic freedom is a framework, in which a structure compatible with a concern for
262 prosperity is implemented in economic processes and institutions (Duan et al., 2022; Kabir &
263 Alam, 2021; Sambharya & Rasheed, 2015). In the item of economic freedom, it includes
264 many principles that are imbued with the spirit of freedom for all human beings in various
265 economic activities to increase their level of personal well-being, but also that individual
266 independence in the pattern of their interactions with one another, provides mutual benefits,
267 and supports extensive welfare.

268 At a very basic level, these points include protection of persons and private property
269 from aggression by others, freedom to compete and enter market share, voluntary exchange
270 coordinated by the market, and personal choice (Rapsikevicius et al., 2021). The goals of the
271 economic freedom program focus on increasing public appreciation and a more appreciative
272 understanding of public policy on economic rights designed for these four items.

273 It is often misunderstood that economic freedom will erode plural welfare because it
274 rests on individual freedom, which is rooted in ideological prejudices that oppose freedom,
275 and equality, where abundant facts show that the interval of economic freedom is directly
276 proportional to the increase in social welfare (Näsström, 2021). This welfare is not only
277 focused on the economic aspect, but also in the health and education aspects (Irwansyah et
278 al., 2022).

279 To mention one study that relies on countries with free economies having more
280 competent human development than countries with non-free economic backgrounds (Elistia
281 & Syahzuni, 2018; Fatah et al., 2021). Economic freedom is a condition that must be met by
282 a country to overcome health, education, and prosperity problems (Sinding, 2009).

283 (1,5, 10 pt)

284 **Research Methodology**

285 (1,5 space, 10 pt)

286 ***The data***

287 (single space, 10 pt)

288 The purpose of this paper is to answer the relationship between military spending, GDP of
289 military sector, armed forces personnel, arms exports, and arms imports on economic
290 freedom in Indonesia–Malaysia–Singapore for 8 periods (2014–2021). In this scientific work,

Comment [i-7]: Please follow the structure in
the research methods section, as follows:
1. Research approach/techniques. **REPLY: Add
a new sentence in Research Methodology ->
The Data -> Paragraph 1 -> p. 6–7.**
2. Types and sources of data. **REPLY: Data type
and sources have been mentioned in Research
Methodology -> 2.1. The Data -> Paragraph 1
sentences 3 & 4 -> p. 7.**
3. Techniques of data collection. **REPLY:
Corrected data collection techniques into
Research Methodology -> 2.1. The Data ->
Paragraph 1 -> sentence 5 -> p.7.**
4. Technique of data analysis. **REPLY: Revised
adding 1 sentence on Research Methodology
2.1. The Data -> paragraph 1 -> sentence 6 ->
7.**

291 the research approach is quantitative. Secondary type of research supporting data which is
 292 recapitulated through via online publications. This data-Data is compiledtracking through -an
 293 official source, i.e. The Global Economy. In other words, the data collection technique is
 294 documentation which is conversion by official annual documents. To facilitate validation,
 295 this secondary data is created into an inferential method. The sample data are grouped into
 296 panel data that combines time-series and cross-section with the following scenarios:

297
$$N = i \times t \quad (1)$$

298
$$N = 6 \times 8 \quad (2)$$

299
$$N = 48 \quad (3)$$

300 where, N is the sample (observation), i is the entity, and t is the period (time).

301 Therefore, the sample selected for each case study is 42, which is obtained from the
 302 multiplication of the entity size with the variable component. After that, the panel data is
 303 tabulated into Microsoft Excel software.

304 (1,5, 10 pt)

305 **Variable list**

306 (single space, 10 pt)

307 A set of variables is divided into two schemes. The dependent variable is played by economic
 308 freedom. Then, the independent variable is measured by national security, in which five
 309 indicators (military spending, GDP of military sector, armed forces personnel, arms exports,
 310 and arms imports) are added to the analysisverified. The five independent variables were
 311 designed to simulate their determination of economic freedom.

312 **Table 1 – Operational definition of each variable**

Variable name	Abbreviation	Description	Measures	Time lag
<i>Dependent variable</i>				
Economic Freedom	EF	The Economic Freedom Index as a whole has ten factors grouped into four broad categories including open markets, regulatory efficiency, limited government, and the rule of law.	Scale	2014–2020
<i>Independent variables</i>				
Military Spending	MS	Military expenditure allocated by a country's government, including military assistance, military research and development, procurement, operations and maintenance, pension funds, military and civilian personnel, military space activities, paramilitary forces, ministry of defense spending, and peacekeeping.	Billion US\$	2014–2020
GDP of Military Sector	GMS	A signal to know the military economic condition in a certain country in a certain period.	Percentage	2014–2020
Armed Forces	AFP	Military personnel who are active or on call	Peoples	2014–2020

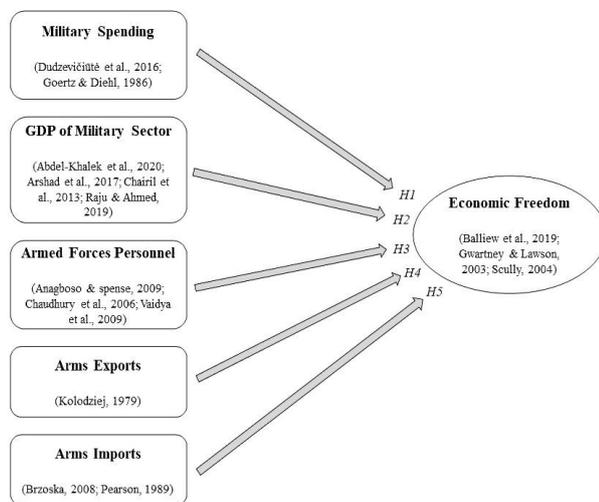
Personnel		for duty, including paramilitary forces if they control and advise other military members to replace or support regular military forces, change equipment, are involved in organizational structures, and are undergoing training.		
Arms Exports	AE	Arms transfers include manufacturing licenses, gifts, assistance, and supplies of military weapons for sale such as ships designed for military use, missiles, radar systems, artillery, armored vehicles (tanks), aircraft, and primary conventional weapons.	Million US\$	2014–2020
Arms Imports	AI	Similar to the intensity of exports, imports are transactions from suppliers of weapons equipment or military manufacturers to the country of purchase (consumer). The buying and selling process does not include the transfer of other military equipment such as other services, technology transfer, support equipment, ammunition, small artillery and light weapons.	Million US\$	2014–2020

314
315 Source: (The Global Economy, 2022).

316
317 Completely, Table 1 displays the specifications of all variables. From Figure 1,
318 illustrates the conceptual path of work referring to the compilation of several previous studies
319 that support and verify the study procedure.

320

321 **Figure 1 – Proposed research framework**



322
323 Source: (Own).
324 (1,5, 10 pt)

325 **Econometrics**
326 (single space, 10 pt)

327 To get quantitative evidence, the data were ~~validated~~ ~~extracted~~ through panel data regression
 328 analysis ~~techniques~~. In this paper, a statistical tool in the form of IBM-SPSS version 26 is
 329 used to calculate empirically with a series of descriptive statistics, correlation analysis, partial
 330 testing (e.g. Brkić, 2020; Mura et al., 2017; Rasuli & Farzinvas, 2013). In the correlation
 331 method, the formulation of the correlation coefficient adopted from Darma et al. (2022) and
 332 Fitriadi et al. (2022a, b) as follows:

$$333 \quad r_{xy} = \frac{\sum(x-x)(y-y)}{\sqrt{(\sum(x-x^2)(\sum y-y^2))}} \quad (4)$$

334 where, r is the correlation between the independent variable and the dependent variable, xy is
 335 the deviation from the mean for the values of the independent variable and the dependent
 336 variable, $\sum x \cdot y$ is the total multiplication between the values of X and Y , x^2 is the square root
 337 for the value of X , and y^2 is the square root for the value of Y . The following describes the
 338 confidence range of the correlation coefficient.

$$339 \quad H_0: r = 0 \quad (5)$$

340 where, there is no positive correlation between X and Y .

$$341 \quad H_1: r \neq 0 \quad (6)$$

342 where, there is a positive correlation between X and Y .

343 The basic statistical functions are assumed with the following notation:
 344

$$345 \quad Y = f(\beta_1, \beta_2, \beta_3, \beta_4, \beta_5) \quad (7)$$

346 To simplify the unit of account for each variable, the model regression equation reads
 347 as follows:

$$349 \quad \ln EF_{it} = \alpha + \ln \beta_1 MS_{it} + \ln \beta_2 GMS_{it} + \ln \beta_3 AFP_{it} + \ln \beta_4 AE_{it} + \ln \beta_5 AI_{it} + Y_i + \varepsilon_{it} \quad (8)$$

350 where, α is a constant, f is the equation function, β_1, \dots, β_5 is the standardized coefficient, \ln is
 351 the natural logarithm, i is the set, t is the time period (2014.....2020), Y is a fixed effect of
 352 IDN, MYS, and SGP, and ε is the error term and other variables outside the model.

353 (1,5 space, 10 pt)

354 **Results and Discussion**

355 (1,5 space, 10 pt)

356 ***Descriptive statistics***

357 (single space, 10 pt)

358 Table 2 summarizes the descriptive statistics on all variables. There are mean scores and
 359 standard deviation (SD) scores that vary from MS, GMS, AFP, AE, AI, and EF. In Indonesia,
 360 the highest mean score is on AFP with 676,053.125 points, while the lowest is GMS (0.831).
 361 But, the highest SD score was AI (549,534) and the lowest GMS was 0.062. For Malaysia,

362 the most dominant mean value compared to the others is AFP with a score of 134,695 and the
 363 smallest is GMS of 1.255. In SD, the lowest point was GMS (0.221), while the highest was
 364 AFP (1,433.854).

365

366 **Table 2 – Summary of descriptive statistics**

Variables	IDN		MYS		SGP	
	Mean	SD	Mean	SD	Mean	SD
MS_X1	8.154	0.891	4.133	0.599	10.061	0.596
GMS_X2	0.831	0.062	1.255	0.221	3.016	0.118
AFP_X3	676,053.125	478.573	134,695	1,433.854	117,357	42,381.772
AE_X4	28.529	38.561	7.378	5.797	31.67	25.294
AI_X5	672.649	549.534	119.43	79.387	403.894	271.197
EF_Y	63.375	3.461	72.875	2.417	88.375	1.847

368 Source: (Authors).

369

370 Surprisingly, from Singapore, the highest mean value was AI which reached 403,894
 371 and this was actually different from the smallest mean, which was GMS of 3,016. There is
 372 the largest SD value (AFP = 42.381.772) and the smallest (GMS = 0.118).

373 (1,5 space, 10 pt)

374 **Correlation analysis**

375 (single space, 10 pt)

376 Pearson correlation was made to see the relationship between all variables (see Table 3). For
 377 the most part, the independent variables show a negative correlation coefficient with the
 378 dependent variable for the case study in Indonesia. Only MS and AE appeared to have a
 379 positive association with EF (C = 0.372, C = 0.582).

380

381 **Table 3 – Correlation matrix**

Variables	IDN					
	MS_X1	GMS_X2	AFP_X3	AE_X4	AI_X5	EF_Y
MS_X1	1	0.510 (0.197)	-0.393 (0.336)	0.052 (0.903)	-0.403 (0.323)	0.372 (0.365)
GMS_X2	0.510 (0.197)	1	0.251 (0.548)	-0.355 (0.388)	0.013 (0.976)	-0.419 (0.302)
AFP_X3	-0.393 (0.336)	0.251 (0.548)	1	-0.391 (0.338)	0.329 (0.427)	-0.800* (0.017)
AE_X4	0.052 (0.903)	-0.355 (0.388)	-0.391 (0.338)	1	0.064 (0.880)	0.582 (0.130)
AI_X5	-0.403 (0.323)	0.013 (0.975)	0.329 (0.427)	0.064 (0.880)	1	-0.542 (0.165)
EF_Y	0.372 (0.365)	-0.419 (0.302)	-0.800* (0.017)	0.582 (0.130)	-0.542 (0.165)	1

Variables	MYS					
	MS_X1	GMS_X2	AFP_X3	AE_X4	AI_X5	EF_Y
MS_X1	1	0.920** (0.001)	-0.591 (0.123)	-0.268 (0.522)	-0.149 (0.724)	-0.261 (0.532)
GMS_X2	0.920** (0.001)	1	-0.752* (0.031)	-0.388 (0.342)	0.155 (0.714)	-0.151 (0.721)

AFP_X3	-0.591 (0.123)	-0.752* (0.031)	1	0.511 (0.196)	-0.533 (0.174)	-0.282 (0.498)
AE_X4	-0.268 (0.522)	-0.388 (0.342)	0.511 (0.196)	1	-0.439 (0.276)	-0.561 (0.148)
AI_X5	-0.149 (0.724)	0.155 (0.714)	-0.533 (0.174)	-0.439 (0.276)	1	0.546 (0.161)
EF_Y	-0.261 (0.532)	-0.151 (0.721)	-0.282 (0.498)	-0.561 (0.148)	0.546 (0.161)	1
<i>SGP</i>						
Variables	MS_X1	GMS_X2	AFP_X3	AE_X4	AI_X5	EF_Y
MS_X1	1	-0.219 (0.603)	-0.891** (0.003)	0.113 (0.789)	-0.039 (0.926)	-0.382 (0.351)
GMS_X2	-0.219 (0.603)	1	0.235 (0.575)	0.449 (0.264)	-0.478 (0.231)	-0.721* (0.044)
AFP_X3	-0.891** (0.003)	0.235 (0.575)	1	-0.165 (0.696)	0.062 (0.885)	0.369 (0.368)
AE_X4	0.113 (0.789)	0.449 (0.264)	-0.165 (0.696)	1	0.156 (0.713)	-0.189 (0.653)
AI_X5	-0.039 (0.926)	-0.478 (0.231)	0.062 (0.885)	0.156 (0.713)	1	0.604 (0.113)
EF_Y	-0.382 (0.351)	-0.721* (0.044)	0.369 (0.368)	-0.189 (0.653)	0.604 (0.113)	1

Note: (* $\rho < 0.05$, ** $\rho < 0.01$); Source: (Authors).

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Based on the correlation level in Malaysia, the four independent variables showed a negative relationship to the dependent variable, but AI had a positive impact on EF, where $C = 0.546$. Referring to the degree of coefficient in Singapore, among the five independent variables, AFP ($C = 0.369$) and AI ($C = 0.604$) are positive for EF.

(1,5 space, 10 pt)

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391

Regression estimation

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In connection with the completion of statistical estimates, panel data regression technique was applied in the study. To investigate the specific impact of MS, GMS, AFP, AE, and AI on EF, a partial test was performed. Not only presents the relationship of the independent variable to the dependent variable, but Table 4 also displays the performance of the intercept, simultaneous effect (F-statistics), standard error (SE), and coefficient of determination (R^2). Starting from the intercept, the slope in Indonesia and Singapore represents that each variable value in the dependent variable has a fixed value, then the independent variables will increase by 4.280 and 4.612 systematically. From the intercept value in Malaysia, when FE increased by 1 point, it also caused an increase to reach 23,576, but it was not systematic or short term.

401
402
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404
405

In other instruments, such as the coefficient of determination, from the three countries, Singapore has an R^2 score of 95.2% and is close to 1 or "very strong". Meanwhile, R^2 in Malaysia is 84.7% which indicates that there is a "strong" determination and a "medium" pattern of determination in Indonesia with an R^2 of 69.5%. Besides, the simultaneous feasibility implied by F-statistics concludes that in the three models (Indonesia–

406 Malaysia–Singapore) there is a chain effect of all independent variables that affect the
 407 dependent variable.

408 **Table 4 – Panel data regression**

	IDN (Obs. = 48)	MYS (Obs. = 48)	SGP (Obs. = 48)
Intercept	4.280* (0.005)	23.576 (0.378)	4.612* (0.016)
MS_X1	0.307 (0.722)	0.875 (0.596)	-0.022 (0.965)
GMS_X2	-0.388 (0.639)	-1.649 (0.320)	-0.955 (0.074)
AFP_X3	0.834* (0.037)	-0.605 (0.448)	0.653* (0.031)
AE_X4	0.330* (0.018)	-0.577 (0.233)	0.369 (0.285)
AI_X5	-0.452 (0.485)	0.369* (0.029)	0.129 (0.618)
R ²	0.695	0.847	0.952
F-statistics	1.712	2.209	7.982
SE	0.045	0.025	0.009

410 Note: (* $\rho < 0.05$); Source: (Authors).

411
 412 In more detail, Table 4 demonstrates that the SE score at the first location (IDN) was
 413 0.045, then at the second location (MYS) it was 0.025, and the third location (SGP) was
 414 0.009. Overall, the most prominent model is the Singapore case study, where the distribution
 415 of all independent variables to the dependent variable is in variation of 99.1% and the
 416 remaining 0.9% are other components outside the scope of the study. Based on the case in
 417 Malaysia, only 2.5% of the residual factors outside the variables that affect EF or as much as
 418 97.5% are fixed variables that control the dependent variable. The SE score in Indonesia
 419 shows that 95.5% as a model constant in the relationship of MS, GMS, AFP, AE, and AI to
 420 EF, although there is 4.5% as a factor not examined in the study.

421 When examining the results of the regression above, in Indonesia, four relationships
 422 are accepted and are in line with the hypothesis. The rest, one, was rejected because it
 423 contradicted the proposed hypothesis. The probability value has supported MS ($\rho = 0.722$),
 424 GMS ($\rho = 0.639$), AFP ($\rho = 0.037$), and AE ($\rho = 0.018$). In AI, $\rho = 0.485$. Furthermore, in the
 425 second model or the Malaysian case, three hypotheses were accepted, yet, two of them
 426 rejected the proposed hypothesis. This is showed by the achievements of MS ($\rho = 0.596$),
 427 GMS ($\rho = 0.320$), AFP ($\rho = 0.448$), AE ($\rho = 0.233$), and AI ($\rho = 0.029$). In fact, for the case
 428 of Singapore, there is a match in the literature in MS ($\rho = 0.965$), GMS ($\rho = 0.074$), and AFP
 429 ($\rho = 0.032$), thus the hypothesis is accepted. Sequentially, the two rejected hypotheses were
 430 AE ($\rho = 0.285$) and AI ($\rho = 0.618$).

431 (1,5 space, 10 pt)

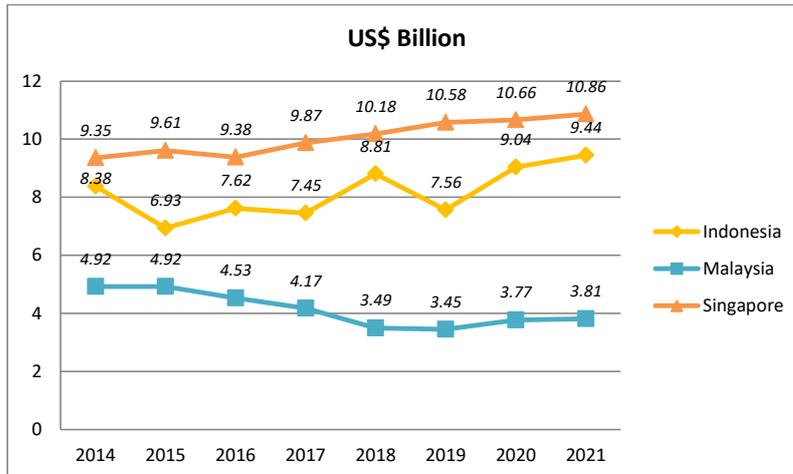
432 **Justification**

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434 In 8 years, the average military spending realized by the governments of Indonesia–
435 Malaysia–Singapore to eradicate violence and chaos, both at the domestic and foreign levels,
436 shows a striking nominal difference (see Figure 2). So far, the average military spending in
437 Indonesia during 2014-2021 is around 8.15 billion US\$ (2nd place). In first position, is
438 Singapore, where the average for military spending reaches US\$ 10.06 billion. In fact, the
439 area and population in the country is still far behind Indonesia and Malaysia. However,
440 Singapore's military capacity and popularity deserves to be reckoned with on the world stage.
441 Ranked last, with an average allocation of military spending around 4.13 billion US\$, making
442 Malaysia a country that is also in the spotlight in the ASEAN region. It is natural that
443 Malaysia's nominal military spending is the least when compared to Indonesia and Singapore.
444 Although the population in Malaysia is less, there are 2 parts (autonomy) that must be
445 guarded by the Malaysian government. In general, the budget posture for military spending in
446 Singapore is quite consistent from time to time.

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456 Malaysia's nominal military spending is the least when compared to Indonesia and Singapore.
457 Although the population in Malaysia is less, there are 2 parts (autonomy) that must be
458 guarded by the Malaysian government. In general, the budget posture for military spending in
459 Singapore is quite consistent from time to time.

460 **Figure 2 – Military spending of Indonesia, Malaysia, and Singapore (2014–2021)**

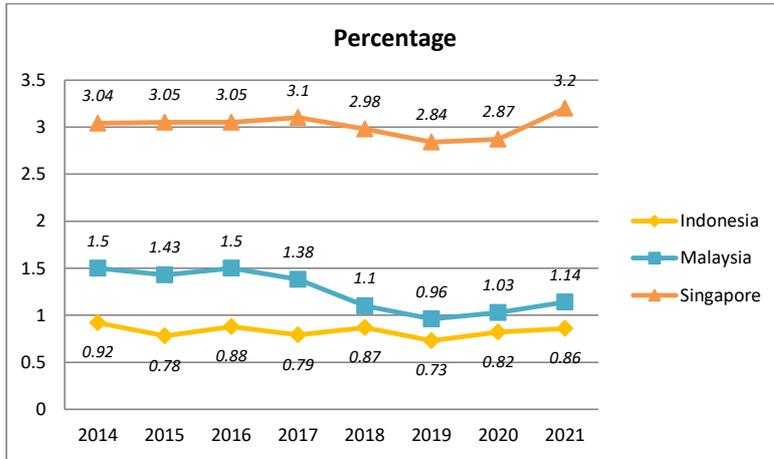


461
462 Source: (Authors).

463
464 In Figure 3, the contribution of the military sector to GDP accumulation appears to be
465 less consistent, be it in Indonesia, Malaysia, or Singapore. The role of this sector in GDP is
466 still relatively low, with an achievement of no more than 4%. But, Singapore's GDP of
467 military sector is far above its two neighbouring countries with a range of >2% to <3.5%.
468 This percentage makes Singapore in the 1st rank. Malaysia and Indonesia are ranked 2nd and
469 3rd respectively. Spontaneously, the average GDP of military sector in Singapore was 3.02%,
470 followed by Malaysia (1.26%), and Indonesia (0.83%).

471 Each country provides armed forces personnel based on budget execution capability,
472 level of military need, potential for conflict, and various threat control, Indonesia–Malaysia–
473 Singapore is no exception. The use of armed personnel resources from three spheres (air, sea,
474 and land military units), as a whole, is more widely used in Indonesia. The crucial reason that
475 makes the armed forces in Indonesia so dominant compared to Singapore and Malaysia is the
476 very large area size factor, the population which has the opportunity to cause many internal
477 and external problems such as ethnic diversity, religious elements, political dimensions, to
478 colourful social structures. With the average armed forces personnel around 676,053 people,
479 it triggers the absorption of a large military budget as well. On the other hand, the allocation
480 of Singapore's military spending is actually inefficient when compared to its armed forces
481 personnel, which on average is 117,357 people. Malaysia is a country that is quite successful
482 in saving military spending. In Figure 4, it implies the position of the armed forces personnel
483 in Malaysia, between Indonesia and Singapore, or the second rank with an average of
484 134,695 personnel.

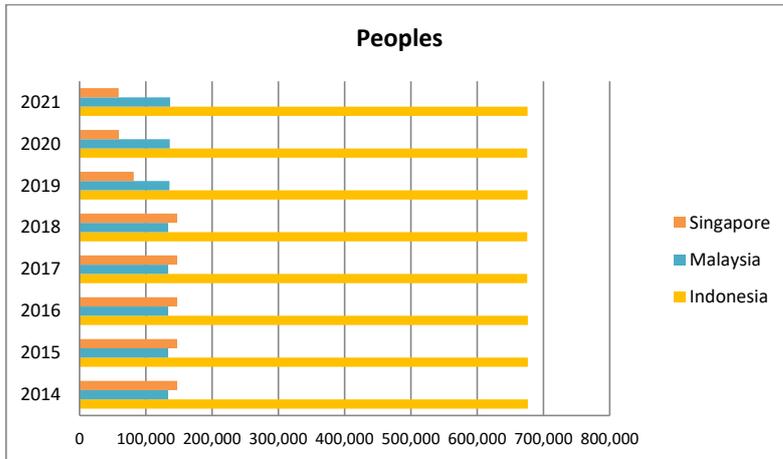
485 **Figure 3 – GDP of military sector in Indonesia, Malaysia, and Singapore (2014–2021)**



486
487 Source: (Authors).
488

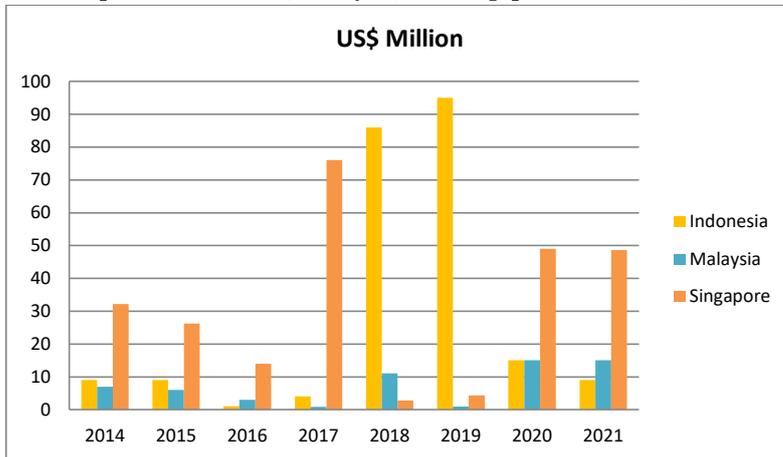
489 The establishment of the ASEAN Economic Community or called "AEC", whose
490 blueprint has been agreed upon since 2015, makes trade flows in the Asian region very free
491 (Jiuhardi & Michael, 2022; Killian, 2022). One of the partnerships in it focuses on increasing
492 the equitndy of weapons. Import urgency exists because some countries have their own
493 advantages, thus requiring the exchange of goods and services commodities to complement
494 each other (Ernst, 1981). Military competition and empowerment is a form of cooperation
495 that benefits various parties. The movement of arms exports in Indonesia–Malaysia–
496 Singapore fluctuated. Figure 5 visualizes the intensity of arms exports from three countries.
497 In a period of 8 years, the average nominal in arms exports in Indonesia–Malaysia–Singapore
498 was 28.53 billion US\$, 7.38 billion US\$, and 31.67 billion US\$.

499 **Figure 4 – Armed forces personnel in Indonesia, Malaysia, and Singapore (2014–2021)**



500 Source: (Authors).
 501

502
 503 **Figure 5 – Arms exports of Indonesia, Malaysia, and Singapore (2014–2021)**

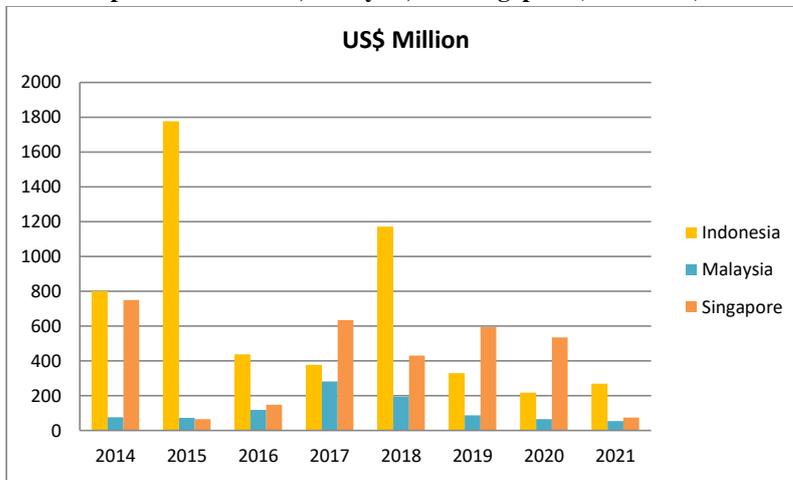


504 Source: (Authors).
 505
 506

507 To get to a solid foundation of resilience, a nation will never stop to continue to
 508 improve the military. In all countries, of course, this will not override the tendency in
 509 territorial integrity (Elden, 2006; Gudeleviciute, 2005). Although the flow of exports is
 510 smaller than imports, the military is a means of state defense to ward off, resolve, and take
 511 action against any threats related to inter-regional disputes. Marton (2008) that the state's
 512 territorial line needs to be maintained, so as not to become a polemic with other countries.
 513 The imbalance in the export-import trade balance in weapons depends on the performance of
 514 the domestic arms industry.

515 | Figure 6 indicatesconfirm the level of dependence of Indonesia–Malaysia–Singapore
 516 on arms imports from other countries. In the inconsistent military spending phase in the
 517 2014–2020 period, it is exposed that the net imports of Indonesian weapons tend to be higher
 518 than Singapore and Malaysia. Meanwhile, Indonesia's average arms imports were US\$
 519 672.65 billion (rank 1). The second and third places are Singapore (403.89 billion US\$) and
 520 Malaysia (119.43 billion US\$). In 2014, Indonesia carried out massive arms imports
 521 amounting to US\$ 801.09 billion. Also, 2017 was the period for the highest import of
 522 weapons from Malaysia, valued at US\$ 283.08 billion. In line with that period, Singapore
 523 also made import transactions from weapons manufacturers, reaching US\$633.6 billion.

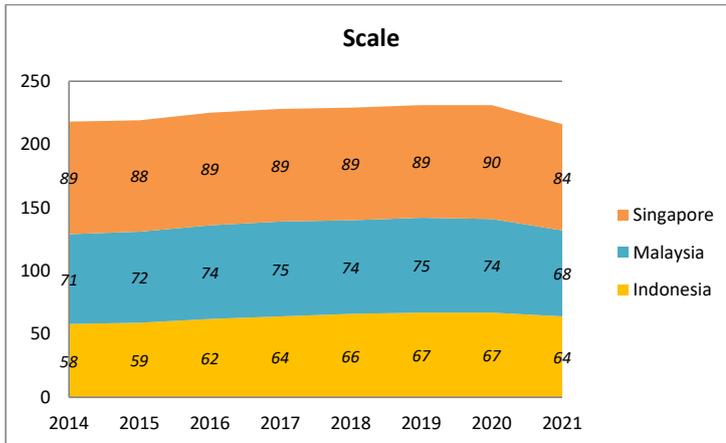
524 **Figure 6 – Arms imports of Indonesia, Malaysia, and Singapore (2014–2021)**



525
 526 Source: (Authors).

527
 528 Figure 7 shows the development of the economic freedom index in Malaysia and
 529 Indonesia, which are still far behind compared to Singapore. In fact, The Heritage Foundation
 530 (2021) puts Singapore in the first position as the country with the highest level of economic
 531 freedom in the world in 2021. During 2014-2021, Figure 7 also reports that the average
 532 economic freedom in Indonesia is 63.4 points. Following Singapore, the average index of
 533 economic freedom in Malaysia is quite high (72.9 points). Another detail explains that with
 534 the label of economic freedom as the most dominant at the Asian level, Singapore affirms
 535 that there are guarantees that are conducive to financial, investment, trade, monetary, labour,
 536 business, fiscal, health, public spending, tax burden, government integrity, judicial
 537 effectiveness, and property rights. The freer the economy, the richer the population will be.

538 **Figure 7 – Economic freedom index in Indonesia, Malaysia, and Singapore (2014–2021)**



539
540 Source: (Authors).

541
542 Causality between military spending and economic freedom in China was examined
543 by Atesoglu (2013). Empirical experience shows that China has become the dominant
544 regional power at the Asian level, although the Chinese government's military spending is
545 largely determined by the military spending of Russia and India. Even so, China's military
546 spending appears to be influenced by the US and Japan. In a meta-analysis introduced by
547 Awaworyi Churchill & Yew (2018), we find evidence that the effect of slowing growth in
548 military spending explains the heterogeneity of economic freedom in developed countries
549 compared to less developed countries. Moreover, in 55 developing countries, the existence of
550 defense spending cannot generalize social structures, including freedom in the economy
551 (Chowdhury, 1991). The abolition of defense spending by the government, of course,
552 provides social and economic benefits for the public. Increased spending on military needs is
553 seen as ineffective because it causes perpetual industrial fear (Sajid, 2021). In 70 developing
554 countries, in the period 1990–2013, to be exact, Aziz & Asadullah (2016) reviewed the
555 causality between military spending to economic freedom. Externally, military spending has
556 a negative impact on the country's economy, while an increase in military spending actually
557 creates new internal impacts, such as exposure to domestic conflicts that will affect economic
558 freedom.

559 Military budget policies are not only meant to strengthen defense equipment, but also
560 bring a multiplier effect on GDP (Kennedy, 2017). Given that the EU is surrounded by
561 threats or conflicts, increasing security is essential. Dudzevičiūtė et al. (2016) studying
562 regulations on defense spending must ensure external or internal security. For groups of
563 countries whose economy is hindered, defense spending is not given much attention.

564 However, countries in the EU with bright economic prospects always leave (set aside)
565 prioritizing defense budgets to carry out their economic development.

566 (1,5, 10 pt)

567 **Conclusion (12 pt, bold)**

568 (single space, 10 pt)

569 This paper reaffirms the complexity of domestic security in realizing economic freedom. On
570 topics relevant to 3 countries in Southeast Asia, the findings summarize many vital issues.
571 Impressively, MS, GMS, and AI had no significant effect, but AFP and AE had a significant
572 effect on EF in Indonesia, so that four hypotheses were accepted and one was rejected.
573 Regarding Malaysia, three hypotheses were accepted, and the rest were rejected. According
574 to the empirical output, MS, GMS, and AI have a significant effect on EF in Malaysia, but
575 AFP and AE have no significant effect. In line with other statistical evidence, for the case
576 study in Singapore, it is not much different from what happened in Malaysia. AE and AI have
577 no significant effect on EF. The other three variables including MS, GMS, and AFP actually
578 have a significant effect on EF.

579 Without integrity, the government is considered a failure. The implication is that it will
580 damage and disrupt the progress of a nation. Like a machine, economic freedom will bring a
581 higher quality of life and prosperity. Meanwhile, countries that are at the bottom are usually
582 burdened with oppressive regimes, which result in restrictions on people's freedoms.

583 Criticism of policymakers, it is necessary to design appropriate macroeconomic policies. The
584 government is required to increase economic freedom which is more accelerated, so that
585 preventive interventions are carried out to cut the level of corruption. Too, stakeholders also
586 need to modify the flexibility of the labour market, simplify investment regulations, and
587 strengthen the justice system.

588 There are certain drawbacks to this paper. The benchmarks in economic freedom include
589 respect for private property, law enforcement, access to markets, and individual freedom, so
590 these four dimensions need to be examined and discussed as complex comparisons for future
591 research.

592 (1,5, 10 pt)

593 **References**

594 (single space, 10 pt)

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Comment [MOU8]: Conclusions must be made
in one paragraph. **REPLY: Fixed in 1 paragraph.**

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Comment [MOU9]: Your references are very
good and meet the guidelines criteria, but if you
a citation from an Intermeric Journal article it will
be preferred. **REPLY: We included 2 pieces of
literature from papers published in Intermeric
from Killian (2022) and Armawi & Wijatmoko
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