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St. Asriati Am, Universitas Muhammadiyah Makassar,  
Makassar, Indonesia

Nurdevi bte Abdul, Universitas Muhammadiyah  
Makassar, Makassar, Indonesia

Nunung Anugrawati, Universitas Muhammadiyah  
Makassar, Makassar, Indonesia

Herlina Daddi, Universitas Muhammadiyah Makassar,  
Makassar, Indonesia

Dwi Santoso, Universitas Ahmad Dahlan, Yogyakarta,  
Indonesia

St. Asmayanti Am, Universitas Muhammadiyah  
Makassar, Makassar, Indonesia

Corresponding email address:  
[sittiasriati@unismuh.ac.id](mailto:sittiasriati@unismuh.ac.id)

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## **Character, Motivation, Interest, and Attitudes as Predictors of EFL Writing Proficiency in Eighth-Grade Students**

St. Asriati Am, Universitas Muhammadiyah Makassar, Makassar, Indonesia  
<https://orcid.org/0000-0002-5348-7946>

Nurdevi bte Abdul, Universitas Muhammadiyah Makassar, Makassar, Indonesia  
<https://orcid.org/0000-0003-1922-1594>

Nunung Anugrawati, Universitas Muhammadiyah Makassar, Makassar, Indonesia  
<https://orcid.org/0000-0003-2551-9178>

Herlina Daddi, Universitas Muhammadiyah Makassar, Makassar, Indonesia

Dwi Santoso, Universitas Ahmad Dahlan, Yogyakarta, Indonesia  
<https://orcid.org/0009-0000-9320-6486>

St. Asmayanti Am, Universitas Muhammadiyah Makassar, Makassar, Indonesia  
<https://orcid.org/0000-0002-9354-3252>

### **Abstract**

The small-scale study described in this paper highlights the importance of integrating affective and motivational support into EFL writing instruction and has implications for self-access and outside-class writing support. The study correlated data from a questionnaire (adapted from Garry & Thompson, 2010) investigating four factors: character, motivation, interest, and attitudes, and an English writing test which assessed ideas/content, organization, vocabulary, and sentence structure. Descriptive findings showed that students generally possessed positive interest and attitudes toward English learning, whereas their motivation remained moderate. Writing results indicated that students still required support in organizing ideas, utilizing appropriate vocabulary, and constructing accurate sentences. Notably, interest emerged as the dominant predictor dimension affecting writing performance, followed by attitudes and character. This suggests that students with stronger overall learner-factor profiles tend to achieve higher writing scores. Self-access writing supports, such as guided writing checklists, vocabulary logs, sentence-building practice, and reflective learning tasks, may help students strengthen both engagement and writing performance.

*Keywords:* learner factors, individual differences, EFL writing proficiency, motivation, interest

English writing is a core component of second-language learning because it requires learners to transform ideas into organized texts while managing vocabulary, grammar, and rhetorical choices. In English as a Foreign Language (EFL) classrooms, students often show different levels of writing performance even when they receive the same instruction. These differences are not only related to linguistic knowledge but also to learner factors that shape

how students engage with writing tasks, respond to feedback, and persist when they face difficulty (Hz, 2023; Qanwal & Ghani, 2019).

In this study, learner factors refer to students' character, motivation, interest, and attitudes toward English learning and writing. These dimensions represent engagement-related tendencies that may influence students' willingness to participate in writing activities, sustain effort, and use available support. Although personality traits such as introversion, extroversion, openness, and conscientiousness have often been discussed in language learning research, the present study does not measure personality traits directly. Instead, it focuses on the learner-factor profile measured through the four dimensions of character, motivation, interest, and attitudes. This clarification is important because these dimensions are conceptually related to individual differences, but they should not be treated as equivalent to formal personality constructs.

Motivation, interest, and attitudes are particularly relevant to EFL writing because writing requires sustained attention, planning, revision, and willingness to express ideas in a language that students are still developing. Students with stronger motivation may be more likely to complete writing tasks, revise their work, and seek improvement. Students with higher interest may engage more actively with writing topics and classroom activities. Positive attitudes toward English may also support persistence, especially when students encounter difficulties with vocabulary, grammar, and organization. Character-related learning dispositions, such as responsibility and perseverance, may further help students manage the effort required in writing tasks (Sutrisno et al., 2019; Zaswita & Ihsan, 2020).

Previous studies suggest that learner differences can influence how students approach academic tasks and respond to learning demands (Hz, 2023; Qanwal & Ghani, 2019). In writing, these differences are important because students must coordinate several processes at once: generating ideas, organizing content, selecting vocabulary, constructing sentences, and revising text. Some learners may benefit from collaborative writing and peer feedback because these activities provide social support and opportunities to exchange ideas (Astrid & Manalullaili, 2021; Ersoy & Çetin, 2023). Other learners may benefit from more structured individual writing time that allows planning, reflection, and self-paced revision. These patterns suggest that writing instruction may be more effective when it is responsive to students' learner-factor profiles rather than assuming that one instructional approach fits all learners.

Self-regulated learning (SRL) also helps explain why learner factors may be related to writing performance. Students who set goals, monitor their progress, and reflect on their

writing tend to show stronger engagement and more sustained improvement (Yabukoshi, 2020; Zhang et al., 2022). Motivation, interest, attitudes, and character-related dispositions may support these self-regulatory behaviors by encouraging students to plan, revise, and seek feedback. However, the present study does not test SRL as a mediating variable. Instead, SRL is used as a theoretical explanation for why learner factors may be associated with writing proficiency and why students may differ in their ability to manage writing tasks. These differences are primarily driven by individual variations in their internal profiles, such as their character, motivation levels, situational interest, and attitudes toward English learning.

Learner factors also interact with linguistic competence. Vocabulary knowledge and grammatical control are consistently associated with higher-quality written output, regardless of students' affective or motivational profiles (Alavinia & Hassanlou, 2014; Trapman et al., 2018). This means that writing proficiency depends on both engagement-related factors and linguistic resources. A student may have strong interest and positive attitudes, but still need explicit support in core linguistic skills such as vocabulary and sentence structure, as well as rhetorical skills like text organization. Conversely, students with adequate language knowledge may underperform if they lack motivation, confidence, or persistence. For this reason, studies of EFL writing should consider both the psychological conditions that support engagement, alongside the distinct linguistic and rhetorical skills that enable effective written expression

The classroom environment may further shape the relationship between learner factors and writing proficiency. Collaborative writing tasks can provide immediate feedback and opportunities to negotiate meaning, while individual writing tasks can give students time to plan and revise at their own pace (Kaweera et al., 2019; Schoonen et al., 2011). Teacher–student interaction and classroom climate may also influence students' willingness to write, take risks, and continue working when they experience difficulty (Limbong et al., 2023; Hoşgören Alıcı et al., 2023). These contextual influences show that learner factors should be understood not as fixed causes of performance, but as tendencies that operate within specific learning environments.

This issue is also relevant to self-access and outside-class writing support. In EFL contexts where exposure to English outside the classroom may be limited, students often need opportunities to continue developing writing skills beyond regular lessons. Self-access writing resources, guided writing checklists, vocabulary logs, sentence-building activities, reflection sheets, and optional feedback opportunities can help students practise independently while receiving appropriate support. Understanding students' learner-factor

profiles can therefore help teachers and learning-support providers design writing activities that sustain interest, strengthen motivation, and encourage autonomous practice. However, because this study does not directly measure students' use of self-access resources, the implications for self-access learning should be interpreted as pedagogical applications rather than direct empirical findings.

Despite growing interest in individual differences and language learning, the relationship between engagement-related learner factors and EFL writing proficiency remains insufficiently clarified, especially among secondary-school learners. Much previous work has discussed broad personality orientations or general academic outcomes, while fewer studies have examined how measurable learner factors such as character, motivation, interest, and attitudes relate to writing performance in a specific EFL classroom context (Li, 2023; Limbong et al., 2023). This gap is important because writing is a demanding skill that requires both linguistic control and sustained engagement.

Given this background, the present study investigates the relationship between individual learner factors and English writing proficiency among Grade 8 EFL students in Sinjai, Indonesia. The learner-factor construct is operationalized through four dimensions: character, motivation, interest, and attitudes. The study is guided by the following hypothesis: Character, Motivation, Interest, and Attitude significantly and collectively predict EFL writing proficiency among eighth-grade students

The novelty of this study lies in its focused examination of EFL writing proficiency alongside multiple engagement-related learner dimensions in a secondary-school context. By connecting learner-factor profiles with writing performance, the study aims to provide preliminary evidence that can inform more responsive writing instruction and outside-class writing support. The findings are expected to help teachers identify the need to sustain students' interest, strengthen positive attitudes toward writing, and provide motivational support while continuing to develop core linguistic skills such as organization, vocabulary, and sentence structure.

### **Methodology**

This study employs a predictive correlational design. This design is appropriate because it goes beyond identifying simple relationships by utilizing linear regression analysis to examine the extent to which independent variables (the questionnaire dimensions) can statistically predict the dependent variable (students' English writing proficiency).

## **Participants**

The participants were 25 students from Class 8A at a junior high school in Sinjai, Indonesia. They were selected using purposive sampling because they belonged to the same grade level and shared a comparable instructional context. The students were within the typical age range for Grade 8, approximately 12–13 years old, strict ethical protocols were maintained. Prior to data collection, formal institutional approval was obtained from the school administration acting *in loco parentis* to safeguard the students' involvement. The students were fully informed of the research intentions and provided with opportunities to ask questions before data collection. Informed verbal assent was then secured from each participant. Involvement was entirely voluntary, with guaranteed anonymity, and students could withdraw at any stage without any academic repercussions.

## **Data Collection Procedure**

Data collection was conducted in two stages. First, students completed the learner-factors questionnaire (see Appendix). The researcher explained the purpose of the questionnaire, clarified how to respond to the items, and informed students that their responses would be used for research purposes. Students were encouraged to answer honestly based on their own learning experiences.

Second, students completed the English writing test under classroom conditions. After the questionnaire and writing test were collected, the responses and writing scores were coded and entered into statistical software for analysis. The EFL writing test was administered solely for the purpose of this research, rather than serving as a graded examination. To maintain a natural setting, it was conducted during regular class hours, and the same rigorous ethical protocols—including voluntary participation and complete anonymity—applied equally to both the questionnaire distribution and the writing test administration.

## **Instrument**

Data were collected using two instruments: a learner-factors questionnaire and an English writing test.

### ***Learner-Factors Questionnaire***

The research instrument used in this study was adapted and modified from the standardized framework established by Garry and Thompson (2010). It comprises a total of 54 items distributed across four distinct dimensions: Character, Motivation, Interest, and

Attitude. Due to historical data fragmentation from the initial processing phase, separate empirical Cronbach's alpha coefficients for each dimension could not be mathematically generated. However, to ensure maximum psychometric transparency and validity, the comprehensive item-level descriptive response distribution for all 54 items across 25 respondents is fully detailed in the Appendix at the end of this paper.

The questionnaire included both positively and negatively worded items. Students responded to each item using a Likert-type response scale ranging from 1 = strongly disagree, 2 = disagree, 3 = neutral, 4 = agree, 5 = strongly agree. Negatively worded items were reverse-scored before the data were analyzed (1 = strongly agree, 2 = agree, 3 = neutral, 4 = disagree, 5 = strongly disagree).

### ***English Writing Test***

An English writing test was administered to measure students' writing proficiency. Students were asked to write a short text on familiar personal topics, such as self-description, family, favorite activities, or future aspirations. These topics were selected because they were appropriate for Grade 8 students and allowed them to express ideas using vocabulary and structures commonly taught at their level.

The writing test was conducted under classroom testing conditions. Students were given 90 minutes to complete the task. They completed the task individually. The use of dictionaries, notes, translation tools, or other external assistance was not permitted. The teacher supervised the test to ensure that all students completed the task under similar conditions.

### **Data Analysis**

Descriptive statistics were used to summarize students' learner-factor profiles and writing proficiency. The descriptive analysis included frequency distributions, percentages, means, and standard deviations where appropriate. The learner-factor results were reported for the four dimensions of character, motivation, interest, and attitudes. The writing results were reported according to the analytic rubric components. To ensure the validity of the writing test data, students' essays were evaluated using an analytic scoring rubric adapted from Ellis and Barkhuizen (2005). The assessment explicitly measured five distinct components: *Idea and Content*, *Organization (physical structure)*, *Vocabulary*, *Sentence*, and *Convention*. Each component was scored on a standardized scale ranging from 1 to 5, where a score of 5 represents the highest proficiency level and 1 represents the lowest. This

structural breakdown provided a transparent, objective, and multi-dimensional framework for assessing the participants' EFL writing performance.

A simple linear regression analysis was then conducted to examine whether the overall learner-factor score predicted students' English writing proficiency. The dependent variable was the total writing proficiency score, and the independent variable was the overall learner-factor score derived from the questionnaire. This analysis was described as simple linear regression because only one composite predictor was included in the model.

Statistical significance was evaluated at the .05 alpha level. The regression results were interpreted using the unstandardized coefficient (B), standard error, standardized coefficient ( $\beta$ ), t-value, and p-value. The p-value was reported as  $p < .001$  when the statistical output showed .000. Model fit should also be reported using R,  $R^2$ , adjusted  $R^2$ , F, and degrees of freedom. Before interpreting the regression model, relevant assumptions should be checked, including linearity, normality of residuals, homoscedasticity, and the absence of extreme influential cases.

## **Findings**

### **Students' Learner-Factor Profiles**

The questionnaire results showed variation in students' learner-factor profiles across four dimensions: character, motivation, interest, and attitudes. These dimensions were treated as learner-related and engagement-related factors rather than as formal personality traits. The descriptive results are presented in Table 1.

**Table 1***Dominant Percentage and Sample Statements of Questionnaire Dimensions*

Dimension	Sample Supporting Statements	Dominant Percentage
Character	<ul style="list-style-type: none"> <li>• <i>I always admit my mistakes.</i></li> </ul>	Neutral ( <b>41.43%</b> ) & Agree ( <b>41.21%</b> )
Motivation	<ul style="list-style-type: none"> <li>• <i>I always respect my friends' opinions.</i></li> <li>• <i>I always help friends who need help.</i></li> <li>• <i>If I continue to study consistently, I am sure that I can use English well.</i></li> <li>• <i>I will make a regular study schedule to get satisfactory grades.</i></li> </ul>	Neutral ( <b>32.22%</b> ) & Agree ( <b>31.11%</b> )
Interest	<ul style="list-style-type: none"> <li>• <i>I really like reading story books in English because I feel happy...</i></li> <li>• <i>I want to get satisfactory grades, especially in English because I have dreams of going abroad.</i></li> </ul>	Neutral ( <b>59.33%</b> ) & Agree ( <b>40.67%</b> )
Attitude	<ul style="list-style-type: none"> <li>• <i>I like learning English because I like English songs.</i></li> <li>• <i>I am confident that with hard work and focus in studying, I have the ability to improve...</i></li> </ul>	Agree ( <b>48.74%</b> ) & Neutral ( <b>44.22%</b> )

As shown in Table 1, respondents demonstrated a generally positive character, high motivation, and favorable attitudes toward EFL writing. However, a notable pattern across the data is the high concentration of “Neutral” responses, particularly prominent in the Interest dimension (59.33%), Character (41.43%), and Motivation (32.22%). This substantial neutrality indicates that while students tend toward positive perceptions, a significant portion remains uncertain or inconsistent in fully demonstrating these traits.

Conclusively, the Attitude dimension exhibits the strongest positive tendency among the participants, with “Agree” responses reaching 48.74%. Conversely, the Interest dimension is heavily dominated by “Neutral” choices (59.33%), signaling that students' intrinsic engagement and interest in English writing still require strategic academic improvement.

### **Students' English Writing Proficiency**

Students' English writing proficiency was comprehensively assessed using the analytical rubric adapted from Ellis and Barkhuizen (2005), which evaluates five core components: ideas/content, organization, vocabulary, sentence structure, and writing conventions. To provide a clearer and more transparent statistical overview, the distribution

of raw student frequencies along with their respective percentages is simplified and summarized in Table 2.

**Table 2**

*Students' Writing Skills*

Component	Excellent	Good	Satisfactory	Needs Improvement	Unsatisfactory
<b>Ideas and Content</b>	0 (0.00%)	4 (16.00%)	10 (40.00%)	10 (40.00%)	1 (4.00%)
<b>Organization</b>	0 (0.00%)	2 (8.00%)	3 (12.00%)	16 (64.00%)	4 (16.00%)
<b>Vocabulary</b>	0 (0.00%)	0 (0.00%)	4 (16.00%)	18 (72.00%)	3 (12.00%)
<b>Sentence Structure</b>	0 (0.00%)	1 (4.00%)	7 (28.00%)	9 (36.00%)	8 (32.00%)
<b>Convention</b>	0 (0.00%)	1 (4.00%)	8 (32.00%)	16 (64.00%)	0 (0.00%)

As illustrated in Table 2, the descriptive analysis reveals a comprehensive breakdown of students' EFL writing performance across the five evaluated components. Overall, the data demonstrates that a majority of the students still struggle significantly with structural and linguistic mechanics, as reflected by the high concentration of scores shifting toward the lower proficiency categories.

A closer inspection of the specific components indicates that Ideas and Content represents the students' relative strength, with 40.00% of participants achieving a "Satisfactory" level and 16.00% reaching a "Good" level. Conversely, severe proficiency deficits are evident in Vocabulary and Organization. In terms of vocabulary usage, a striking 72.00% of students fall into the "Needs Improvement" category, combined with 12.00% marked as "Unsatisfactory." Similarly, text organization poses a major hurdle, with 64.00% of the sample needing improvement and 16.00% exhibiting unsatisfactory performance. These findings clearly signal that while students possess a baseline capability to generate ideas, their linguistic resourcefulness and ability to logically structure a text remain primary instructional barriers that require targeted intervention.

The assessment of writing skills shows that many students need support in fundamental areas such as organization, vocabulary, and sentence structure. These weaknesses could potentially be related to their individual personality traits, which may influence how they approach learning and practicing these writing components.

To further examine the connection between students' questionnaire responses and their writing performance, a linear regression analysis was conducted. Rather than utilizing a single aggregated score, the analysis focused on the dominant dimension patterns. The results

indicated a statistically significant positive effect on students' writing proficiency ( $t = 7.652$ ,  $\beta = 0.847$ ,  $p < .001$ ). This demonstrates that higher levels of positive affective and personality factors, as measured through the dimensions, strongly predict better English writing skills.

These findings underscore the importance of considering personality factors when designing educational interventions aimed at improving writing skills. Individual characteristics such as openness, conscientiousness, or introversion/extroversion clearly influence how students engage with writing tasks and affect their overall performance. Therefore, tailoring teaching methods to align with students' personality traits could lead to more effective learning experiences and, ultimately, to improved writing proficiency.

## **Discussion**

This study examined the relationship between learner factors and English writing proficiency among Grade 8 EFL students. Overall, the descriptive results indicated generally positive interest and attitudes, while motivation responses were more mixed and clustered around neutral. The writing assessment showed that many students needed improvement in organization, vocabulary, and sentence structure. The regression analysis further indicated a significant positive association between the overall learner-factor score and writing proficiency.

### **Learner Factors and Engagement in Writing**

The descriptive pattern of high interest and largely positive attitudes is consistent with research suggesting that students who are interested in a subject tend to engage more actively and achieve better learning outcomes (Fonseca-Mora et al., 2021). Similarly, prior studies have emphasized that personality- and disposition-related factors shape how students participate in academic activities and persist during challenging tasks (Velasco et al., 2023). In the present study, these engagement-related dimensions may help explain why students with higher learner-factor scores also tended to achieve higher writing proficiency.

Motivation, however, appeared less robust than interest and attitudes. The relatively high proportion of neutral responses suggests that many students may not experience strong intrinsic drive or sustained extrinsic incentives to invest effort in writing. This pattern aligns with findings that motivation varies widely across learners and can fluctuate depending on task demands and classroom context (Capinding, 2022; Li, 2023). Moderate motivation is important because writing requires prolonged effort, planning, and revision; without

sufficient motivation, students may not practice consistently enough to develop complex writing skills (Vianty et al., 2020).

Attitudes also matter because they influence students' willingness to participate, accept feedback, and persevere when writing is difficult. The presence of neutral (and a small number of negative) attitude responses in this sample supports earlier findings that positive attitudes are associated with stronger engagement and academic performance (Tuerah et al., 2019). Together, these findings indicate that instructional efforts aimed at strengthening motivation and maintaining positive attitudes may be especially useful when students' writing outcomes are limited.

### **Writing Weaknesses and Instructional Implications**

The writing profile in Table 1 highlights three areas of consistent difficulty: organization, vocabulary, and sentence structure. These weaknesses are common in EFL writing contexts, where learners often have limited exposure to English outside the classroom and may have insufficient opportunities to practice drafting and revising. The results suggest that interventions should not focus only on affective factors (interest, attitudes, motivation), but also strengthen linguistic foundations and writing routines.

Instructionally, the generally positive interest observed in this sample can be leveraged to design writing tasks that connect to students' experiences and preferences, which may increase persistence and time on task. This approach is consistent with recommendations that linking instruction to student interest and emphasizing character-related habits (e.g., responsibility, persistence) can support better learning outcomes (Noviadi et al., 2023). At the same time, the moderate motivation pattern indicates a need for targeted supports that make goals and progress visible. For example, teachers can use clear success criteria, short-term writing targets, and structured feedback cycles to help students experience improvement over time, which may strengthen motivation and self-efficacy.

### **Avoiding Overinterpretation: What the Current Data Can and Cannot Claim**

Although the regression analysis showed a strong association between the overall learner-factor score and writing proficiency, the present data do not allow conclusions about which specific dimension (character, motivation, interest, or attitudes) is the strongest predictor. In addition, the current analysis does not test differences between introverted and extroverted students, nor does it measure trait dimensions such as openness or conscientiousness. Therefore, interpretations about introversion/extroversion or other trait

profiles should be treated as theoretical context rather than direct conclusions from the results.

To avoid overinterpretation of the findings, this study acknowledges that the questionnaire was not analyzed as a single aggregated score. Instead, by evaluating the specific data patterns of the four dimensions independently, the study provides a more nuanced look at how affective factors relate to writing. Given the sample size, care has been taken not to over-generalize the regression pathways, ensuring that the interpretations remain strictly representative of the distinct dimension tendencies observed in the current data.

Similarly, prior literature suggests that self-regulated learning strategies may contribute to writing development (Teng, 2022; Yabukoshi, 2020; Zhang et al., 2022), and it is plausible that learners with stronger engagement profiles use more effective planning and self-monitoring during writing. However, SRL was not directly tested as a mediator in the reported analysis. As a result, SRL should be framed as an explanatory pathway supported by prior studies, and future work should examine it with appropriate measures and mediation analyses.

### **Implications and Directions for Future Research**

The findings support the practical value of responsive writing instruction that addresses both affective and linguistic needs. Teachers may consider combining structured language development (vocabulary learning routines, sentence-combining practice, and guided grammar feedback) with engagement-oriented strategies (topic choice, meaningful audiences, and supportive feedback) to sustain interest and strengthen attitudes. Where motivation is moderate, incremental goal setting and progress monitoring may help students persist through demanding writing tasks.

Future studies should (1) test the unique contribution of character, motivation, interest, and attitudes using a multiple-predictor model; (2) include controls for key confounds such as prior language proficiency and classroom-level factors; and (3) examine mechanisms such as SRL and writing self-efficacy to clarify how learner factors translate into writing improvement.

Regarding the pedagogical implications for self-access learning, the findings of this study offer valuable insights into how affective factors influence students' self-directed study outside of the classroom. Given that dimensions like attitude and motivation strongly correlate with writing performance, self-access centers should design personalized, low-anxiety writing environments. For instance, since students struggle significantly with

vocabulary and text organization, self-directed learning modules should provide autonomous scaffolding tools—such as digital writing portfolios, vocabulary logs, and self-assessment checklists. By leveraging students’ positive attitudes, educators can encourage independent writing practices, enabling learners to proactively manage their EFL writing development beyond formal classroom settings.

### **Conclusion**

This study examined the association between individual learner factors—character, motivation, interest, and attitudes—and English writing proficiency among Grade 8 EFL students. The results indicate that higher overall learner-factor scores were significantly associated with higher writing proficiency in this sample. Descriptive findings also showed generally positive interest and attitudes, while motivation tended to be moderate.

In terms of writing performance, many students were rated as needing improvement in organization, vocabulary, and sentence structure. These patterns suggest that writing instruction should address both affective and linguistic needs: sustaining students’ interest and positive attitudes may support engagement, while structured practice and feedback are needed to strengthen core language resources that underpin writing quality.

This study provides preliminary evidence that learner-factor profiles are relevant for understanding variation in students’ writing outcomes in an EFL classroom. However, the findings are limited by the small purposive sample drawn from a single class and by the absence of controls for key confounding factors such as prior language proficiency. Future research should employ larger and more diverse samples, test the unique contribution of each learner-factor dimension using a multiple-predictor model, and examine mechanisms such as self-regulated learning and writing self-efficacy that may explain how learner factors relate to writing development.

### **Notes on the Contributors**

St Asriati Am is a lecturer and researcher at the Magister English Education Department, Pascasarjana Universitas Muhammadiyah Makassar, Indonesia. Her research focuses on English education, reading comprehension, linguistics, the foundation of education and instruction, and language assessment. Her contribution to this study includes writing the introduction, methodology, discussion, original draft preparation, and serving as the corresponding author.

Nurdevi bte Abdul is a lecturer at the Faculty of Teacher Training and Education, Universitas Muhammadiyah Makassar, Indonesia. Her interests include phonetics and phonology, writing and speaking, discourse analysis, and research. She was involved in data collection, data analysis, and final article drafting.

Nunung Anugrawati is a lecturer at the Faculty of Teacher Training and Education, Universitas Muhammadiyah Makassar, Indonesia. She specializes in sociolinguistics, language teaching, psycholinguistics, and advanced grammar. Her contribution to this paper includes conceptualization and article writing.

Herlina Daddi is a lecturer at the Faculty of Teacher Training and Education, Universitas Muhammadiyah Makassar, Indonesia. Her research areas include pronunciation, discourse analysis, public speaking, and language education. She contributed to this paper by writing the abstract and conclusion, and formatting the article.

Dwi Santoso is a senior lecturer at Universitas Ahmad Dahlan, Yogyakarta, Indonesia. His research focuses on pragmatics, politeness strategies, and forensic linguistics. He contributed to this paper by proofreading using Grammarly, collecting data, and formatting.

St. Asmayanti Am is a lecturer at the Faculty of Teacher Training and Education, Universitas Muhammadiyah Makassar, Indonesia. Her interests include writing skills, linguistics, pronunciation, language teaching, sociolinguistics, and TEFL. She contributed to this paper by writing the abstract, conclusion, and data, and formatting.

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## Appendix

### Learner Factors Questionnaire Responses

Items related to **Character** 1-36

1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35 (Positive)

2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36 (Negative)

	Statement	Response
Item 1	I am proud to always carry out my worship consistently and seriously	Strongly agree 8, agree 11, neutral 13, disagree 0, strongly disagree 0
Item 2	I sometimes pray 5 times a day	Strongly agree 0, agree 12, neutral 13, disagree 0, strongly disagree 0
Item 3	I always admit my mistakes	Strongly agree 0, agree 15, neutral 10, disagree 0, strongly disagree 0
Item 4	I like to cheat on my friends' assignments because I'm too lazy to think anymore	Strongly agree 2, agree 10, neutral 3, disagree 0, strongly disagree 0
Item 5	I always respect my friends' opinions	Strongly agree 0, agree 4, neutral 15, disagree 0, strongly disagree 0
Item 6	I don't care about my friend's feelings	Strongly agree 0, agree 10, neutral 6, disagree 9, strongly disagree 0
Item 7	I can arrange study and play time	Strongly agree 0, agree 12, neutral 13, disagree 0, strongly disagree 0
Item 8	I am usually late in submitting assignments	Strongly agree 9, agree 11, neutral 3, disagree 0, strongly disagree 0
Item 9	I always work hard in completing school assignments	Strongly agree 4, agree 10, neutral 9, disagree 0, strongly disagree 0
Item 10	I don't care whether my assignment is right or wrong, the most important thing is that I submit it on time	Strongly agree 0, agree 5, neutral 17, disagree 3, strongly disagree 0
Item 11	I always find creative ideas in every project assignment	Strongly agree 8, agree 8, neutral 9, disagree 0, strongly disagree 0
Item 12	I'm too lazy to think about putting new ideas into a project task, the most important thing is that I submit it on time	Strongly agree 8, agree 11, neutral 6, disagree 0, strongly disagree 0
Item 13	I do assignments without help from others	Strongly agree 0, agree 12, neutral 13, disagree 0, strongly disagree 0
Item 14	I usually ask my mother or father for help to complete school assignments	Strongly agree 0, agree 4, neutral 13, disagree 2, strongly disagree 0
Item 15	I always listen to my friends' opinions and discuss openly	Strongly agree 0, agree 12, neutral 13, disagree 0, strongly disagree 0
Item 16	I don't like listening to discussions or opinions from my friends	Strongly agree 0, agree 12, neutral 13, disagree 0, strongly disagree 0
Item 17	I am always learning more and finding out new things	Strongly agree 0, agree 4, neutral 16, disagree 5, strongly disagree 0
Item 18	I sometimes lack enthusiasm when studying	Strongly agree 0, agree 8, neutral 8, disagree 9, strongly disagree 0

Item 19	I always participate in school activities such as taking part in ceremonies	Strongly agree 0, agree 12, neutral 13, disagree 0, strongly disagree 0
Item 20	I sometimes feel lazy when studying history	Strongly agree 4, agree 17, neutral 4, disagree 0, strongly disagree 0
Item 21	I care about the environment and local culture	Strongly agree 6, agree 16, neutral 13, disagree 0, strongly disagree 0
Item 22	I occasionally participate in local environmental and cultural activities	Strongly agree 0, agree 4, neutral 15, disagree 6, strongly disagree 0
Item 23	I always appreciate my friends' achievements sincerely	Strongly agree 10, agree 13, neutral 2, disagree 0, strongly disagree 0
Item 24	I don't need to congratulate my friend who got an achievement in a competition	Strongly agree 10, agree 8, neutral 9, disagree 0, strongly disagree 0
Item 25	I am able to communicate well to create a pleasant learning atmosphere	Strongly agree 8, agree 10, neutral 7, disagree 0, strongly disagree 0
Item 26	I'm embarrassed to express my ideas	Strongly agree 0, agree 12, neutral 13, disagree 0, strongly disagree 0
Item 27	I like reading because it enriches my insight and knowledge	Strongly agree 0, agree 12, neutral 13, disagree 0, strongly disagree 0
Item 28	I am sometimes lazy about reading even though I know that it will broaden my insight	Strongly agree 0, agree 8, neutral 8, disagree 9, strongly disagree 0
Item 29	I am always calm and prioritize peace in resolving conflicts	Strongly agree 4, agree 12, neutral 9, disagree 0, strongly disagree 0
Item 30	I sometimes help my friend if he is hit by responding to him	Strongly agree 0, agree 12, neutral 13, disagree 0, strongly disagree 0
Item 31	I always keep the environment clean	Strongly agree 0, agree 13, neutral 12, disagree 0, strongly disagree 0
Item 32	If I see rubbish in front of the class I don't throw it away because it's not my rubbish	Strongly agree 0, agree 13, neutral 12, disagree 0, strongly disagree 0
Item 33	I always help friends who need help	Strongly agree 10, agree 10, neutral 5, disagree 0, strongly disagree 0
Item 34	I didn't participate in fundraising with house fire victims in the next village because I couldn't go around raising funds	Strongly agree 10, agree 13, neutral 2, disagree 0, strongly disagree 0
Item 35	I always complete every task and responsibility well and can always be relied on	Strongly agree 0, agree 7, neutral 10, disagree 8, strongly disagree 0
Item 36	I broke my friend's ruler but I didn't replace it because I knew my friend was a rich man	Strongly agree 0, agree 5, neutral 17, disagree 3, strongly disagree 0

Items related to **Motivation** (47-40)

37, 39 (Positive)

38, 40 (Negative)

	Statements	Responses
Item 37	If I continue to study consistently I am sure that I can use English well	Strongly agree 0, agree 8, neutral 8, disagree 9, strongly disagree 0
Item 38	My abilities have reached here because of studying, however I will never be able to master this topic so why study anymore	Strongly agree 0, agree 4, neutral 9, disagree 8, strongly disagree 0
Item 39	I will make a regular study schedule to get satisfactory grades	Strongly agree 5, agree 4, neutral 3, disagree 4, strongly disagree 0
Item 40	It's better for me not to have too high hopes because I know my abilities	Strongly agree 5, agree 4, neutral 12, disagree 9, strongly disagree 2

Items related to **Interest**

Items 41, 43, 45 (Positive)

Items: 42, 44, 46 (Negative)

	Statements	Responses
Item 41	I really like reading story books in English because I feel happy and interested in finding out more insights using a foreign language	Strongly agree 0, agree 13, neutral 12, disagree 0, strongly disagree 0
Item 42	I don't like learning English because it's not interesting due to the different pronunciation and writing	Strongly agree 0, agree 13, neutral 12, disagree 0, strongly disagree 0
Item 43	I want to get satisfactory grades, especially in English because I have dreams of going abroad	Strongly agree 0, agree 2, neutral 23, disagree 0, strongly disagree 0
Item 44	I don't care about my English grades because it's not important to me and it's not the language used in my environment	Strongly agree 0, agree 12, neutral 13, disagree 0, strongly disagree 0
Item 45	I studied various languages diligently because I knew this skill would be very useful for my future career	Strongly agree 0, agree 11, neutral 14, disagree 0, strongly disagree 0
Item 46	I don't know the benefits of studying history because I don't have any interest in this science	Strongly agree 0, agree 10, neutral 15, disagree 0, strongly disagree 0

Items related to **Attitudes**

47, 49, 51, 53 (Positive)

48, 50, 52, 54 (Negative)

	Statement	Response
Item 47	I like learning English because I like English songs	Strongly agree 0, agree 13, neutral 12, disagree 0, strongly disagree 0
Item 48	I don't like taking English lessons because I have difficulty understanding	Strongly agree 0, agree 11, neutral 14, disagree 0, strongly disagree 0
Item 49	My friends always encourage and support me in learning	Strongly agree 0, agree 10, neutral 12, disagree 2, strongly disagree 0
Item 50	I felt unrecognized by my classmates, they often laughed at my incompetence	Strongly agree 0, agree 14, neutral 7, disagree 4, strongly disagree 0
Item 51	I am confident that with hard work and focus in studying, I have the ability to improve my academic results in the exams next semester	Strongly agree 2, agree 12, neutral 11, disagree 0, strongly disagree 0
Item 52	I feel like I don't need to study anymore because my abilities are not the same as my other friends.	Strongly agree 0, agree 11, neutral 14, disagree 0, strongly disagree 0
Item 53	I am determined to play less on my cellphone because I want to achieve better results and achieve satisfying achievements	Strongly agree 4, agree 9, neutral 12, disagree 0, strongly disagree 0
Item 54	I don't need to improve my exam results, I feel like I've tried enough and there's nothing I can do to change it, so I feel like there's no point in trying anymore	Strongly agree 0, agree 17, neutral 6, disagree 2, strongly disagree 0

Adapted and Modified from the original by Garry and Thompson (2010)