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HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW  
KARYA ILMIAH : JURNAL ILMIAH**

Judul Jurnal Ilmiah (Artikel)	:	<i>Development and Initial Validation of Perceived Research Environment Scale for Higher Education Academics.</i>						
Jumlah Penulis	:	4 orang						
Status Pengusul	:	penulis ke - 1						
Identitas Jurnal Ilmiah	:	<p>a Nama Jurnal : <i>Journal of Psychoeducational Assessment</i></p> <p>b Nomor ISSN : 1557-5144 (online) 0734-2829 (print)</p> <p>c Vol. No., Bln Thn : Vol 38, No 2, April 2020</p> <p>d Penerbit : <i>Sage Publishing</i></p> <p>e DOI artikel (jika ada) : 10.1177/0734282919828892</p> <p>f Alamat web jurnal : <a href="https://journals.sagepub.com/doi/abs/10.1177/0734282919828892">https://journals.sagepub.com/doi/abs/10.1177/0734282919828892</a></p> <p>Alamat Artikel : <a href="http://eprints.undip.ac.id/80613/1/5._Artikel_Development_and_Initial_Validation_of_Perceived_Research_Environment_Scale_for_Higher_Education_Academics.pdf">http://eprints.undip.ac.id/80613/1/5._Artikel_Development_and_Initial_Validation_of_Perceived_Research_Environment_Scale_for_Higher_Education_Academics.pdf</a></p>						
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### 2. Ruang lingkup dan kedalaman pembahasan:

Artikel membahas tentang pengembangan instrumen psikologi untuk mengukur perceived research environment dari perspektif dosen, sebuah instrumen psikologi yang belum pernah dikembangkan sebelumnya secara khusus untuk populasi dosen. Isi artikel mengupas dimensi terkini dari konsep yang diukur, membandingkan instrumen sejenis yang pernah dikembangkan untuk komunitas yang berbeda, dan menyajikan kelebihan instrumen psikologi yang dikembangkan.

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Depok, 3 Februari 2020  
Reviewer

Prof. Dr. Hamdi Muluk, M.Si.  
NIP. 196603311999031001  
Unit kerja : Fakultas Psikologi  
Universitas Indonesia  
Bidang Ilmu: Psikologi

**LEMBAR  
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d. Kelengkapan unsur dan kualitas penerbit (30%)	12			12
<b>Total = (100%)</b>	<b>40</b>			<b>39</b>
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**Catatan Penilaian artikel oleh Reviewer :**

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**2. Ruang lingkup dan kedalaman pembahasan:**

Artikel jurnal ini membahas pengembangan instrumen psikologi untuk mengukur perceived research environment dari perspektif dosen. Instrumen ini belum pernah dikembangkan sebelumnya untuk populasi dosen. Isi artikel menjelaskan secara rinci dimensi-dimensi dan konsep yang diukur, membandingkan dengan instrumen yang sama yang pernah digunakan pada populasi yang berbeda, dan menunjukkan kebaruan instrumen psikologi.

**3. Kecukupan dan kemutakhiran data/informasi dan metodologi:**

Urutan unsur pada metode sudah lengkap. Data juga dianalisis dengan metode analisis terbaru. Instrumen penelitian dikembangkan dengan cara yang sesuai yaitu literature review, expert judgement, dan FGD pada dosen. Kemudian hasil dari sampel pertama dianalisis dengan EFA, pada kemudian data dari sampel kedua dianalisis dengan CFA sampai terkonfirmasi faktor yang well-established. Akhirnya, validitas konstruk instrumen diuji. Hasil cek plagiasi adalah 8% ini cukup kecil, dan mayoritas referensi yang digunakan merupakan terbitan 10 tahun terakhir yang mutakhir.

**4. Kelengkapan unsur dan kualitas penerbit:**

Artikel dipublikasikan di jurnal internasional terindeks Scopus, masuk kategori Q1, dengan nilai SJR 0,7. Jurnal diterbitkan oleh SAGE Publications dengan kualitas memadai.

Surabaya, 11 Maret 2020

Reviewer



Prof. Dr. Drs. Cholichul Hadi, M.Si., Psikolog

NIP. 196403231989031002

Unit kerja: Fakultas Psikologi Universitas Airlangga

Bidang Ilmu: Psikologi

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# Journal of Psychoeducational Assessment

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First Published February 21, 2019; pp. 147–167

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#### **Initial Development and Validation of the Perceptions of the Blended Learning Environment Questionnaire**

Feifei Han , Robert A. Ellis

First Published March 6, 2019; pp. 168–181

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#### **Development and Initial Validation of the Computer-Delivered Test Acceptance Questionnaire for Secondary and High School Students**

# Journal of Psychoeducational Assessment

## Relative Efficacy of Teacher Rankings and Curriculum-Based Measures as Predictors of Performance on High-Stakes Tests

Maya A. Mingo , Sherry Mee Bell, R. Steve McCallum, D. Lakmal Walpitage

First Published February 21, 2019 | Research Article

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### Article Information

Volume: 38 issue: 2, page(s): 147-167

Article first published online: February 21, 2019; Issue published: April 1, 2020

 Maya A. Mingo<sup>1</sup>, Sherry Mee Bell<sup>1</sup>, R. Steve McCallum<sup>1</sup>, D. Lakmal Walpitage<sup>1</sup>

<sup>1</sup>The University of Tennessee, Knoxville, TN, USA

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Maya A. Mingo, Department of Educational Psychology & Counseling, The University of Tennessee, Knoxville, 535 Jane & David Bailey Education Complex, 1122 Volunteer Boulevard, Knoxville, TN 37996-3452, USA. Email: [mmingo@vols.utk.edu](mailto:mmingo@vols.utk.edu)

### Abstract

Data from 403 third graders were analyzed to determine relative and combined efficacy of group-administered Curriculum-Based Measures (CBMs) and Teacher Rankings of student reading and math performance taken early in the school year to predict end-of-year achievement scores. Teacher Rankings added to the power of CBMs to predict reading ( $R^2$  change = .18) and math ( $R^2$  change = .22). Combined CBMs and Teacher Rankings predicted at-risk status in reading (82%) and math (86%), based on logistic regression, and yielded strong area under the curve (AUC) statistics, defining risk status .88 (reading) and .82 (math). Surprisingly, Teacher Rankings yielded higher correlations with end-of-year scores than CBMs. Findings support using rankings as a simple, efficient

# Journal of Psychoeducational Assessment

## Initial Development and Validation of the Perceptions of the Blended Learning Environment Questionnaire

Feifei Han , Robert A. Ellis

First Published March 6, 2019 | Research Article

<https://doi.org/10.1177/0734282919834091>



### Article Information

Volume: 38 issue: 2, page(s): 168-181

Article first published online: March 6, 2019; Issue published: April 1, 2020

 Feifei Han<sup>1</sup>, Robert A. Ellis<sup>1</sup>

<sup>1</sup>Griffith University, Brisbane, Queensland, Australia

Corresponding Author:

Feifei Han, Office of Pro-Vice-Chancellor (Arts, Education and Law), Griffith University, Room 3.17D, Building M06, Mt Gravatt Campus, Brisbane, QLD 4122, Australia. Email: [feifei.han@griffith.edu.au](mailto:feifei.han@griffith.edu.au)

### Abstract

Learning in blended environments has become a ubiquitous part of student experience in tertiary education worldwide. Although students' perceptions of learning environments are a key element in the learning process, there is a dearth of valid instruments to assess students' perceptions in blended contexts. This study described the initial development and validation of a Perceptions of the Blended Learning Environment Questionnaire (PBLEQ). The analyses, involving two cohorts of students enrolled in courses either from humanities/social sciences disciplines or from sciences/engineering disciplines, consistently supported the bifactor model over a correlated first-order model and a second-order model. The bifactor model had a single perceptions factor that underlined each of the items. Separately, there were three specific factors: the perceptions of integration between face-to-face and online learning, the perceptions of online contributions, and the perceptions of the online workload, each having its own separate set of items. The invariance tests among the two cohorts validated that the PBLEQ had invariant factor structure, factor loadings, and intercepts. The PBLEQ has potential to help

# Journal of Psychoeducational Assessment

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### Article



#### **Development and Initial Validation of Perceived Research Environment Scale for Higher Education Academics**

**Dian R. Sawitri, Peter A. Creed, Harlina Nurtjahjanti, Anggun R. Prasetyo**

First Published 10 Feb 2019. <https://doi.org/10.1177/0734282919828892>

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### Article



#### **The Use of a Diagnostic Competence Model About Children's Operation Sense for Criterion-Referenced Individual Feedback in a Large-Scale Formative Assessment**

**Andreas Schulz , Timo Leuders, Ulrike Rangel**

First Published 7 Feb 2019. <https://doi.org/10.1177/0734282918823590>

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## Article



### Development and Initial Validation of the Computer-Delivered Test Acceptance Questionnaire for Secondary and High School Students

Lyndon Lim 

First Published 5 Feb 2019. <https://doi.org/10.1177/0734282919828464>

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## Brief Article



### Examining the Psychometric Validity of the Five-Item Gratitude Questionnaire: An Item Response Theory Approach

Jana Patricia M. Valdez, Samuel Kai Wah Chu

First Published 17 Dec 2018. <https://doi.org/10.1177/0734282918816542>

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## Brief Article



### A Psychometric Evaluation of the Social Anxiety Scale for Adolescents in an Educational Setting

Cliodhna E. M. O'Connor , Amanda Fitzgerald

First Published 12 Dec 2018. <https://doi.org/10.1177/0734282918816843>

[Abstract](#)

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## Article



# Home Learning Environments: A Cross-Cultural Study Between Germany and Iran

Shima Aminipour, Ali Asgari, Elaheh Hejazi, Hans-Günther Roßbach

First Published 20 Jun 2018. <https://doi.org/10.1177/0734282918778465>

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Journal of Psychoeducational Assessment  
Volume 38, Issue 2, 1 April 2020, Pages 195-208

## Development and Initial Validation of Perceived Research Environment Scale for Higher Education Academics (Article)

Sawitri, D.R.<sup>a</sup> Creed, P.A.<sup>b</sup> Nurjahjanti, H.<sup>a</sup> Prasetyo, A.R.<sup>a</sup>

<sup>a</sup>Diponegoro University, Semarang, Indonesia

<sup>b</sup>Griffith University, Southport, Australia

### Abstract

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There is a growing interest in the perceived research environment for higher education academics. As there is no existing, psychometrically sound scale that directly measures perceived research environment for higher education academics, we designed and validated the Perceived Research Environment Scale for use with this population. In Phase 1, items were developed based on a review of literature, six focus groups, and expert judgment. In Phase 2, the items were then administered to a sample of Indonesian academics ( $N = 306$ ,  $M$  age = 42.29 years). Item analysis and exploratory factor analysis were used to reduce the number of items and determine the factor structure. In Phase 3, confirmatory factor analyses were used on a hold-out sample ( $N = 292$ ,  $M$  age = 43.39) to confirm this structure. In Phase 4, we provided evidence for construct validity. The practical uses of this newly developed scale are discussed. © The Author(s) 2019.

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