



GRE[®] Research Studies

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Validity: Predicting Success

[Can the GRE Predict Valued Outcomes? Dropout and Writing Skill](#)

Author(s): Bridgeman, Brent; Cline, Frederick

Publication Year: 2022

Source: PLoS ONE 17(6): e0268738

[Factors Considered in Graduate School Decision-Making: Implications for Graduate School Application and Acceptance](#)

Author(s): Cho-Baker, Sugene; Kell, Harrison; Fishtein, Daniel (2022)

Publication Year: 2022

Source: ETS Research Report

[Exploring Diversity in Graduate and Professional School Applications](#)

Author(s): Holtzman, Steven; Minott, Tamara; Devasia, Nimmi; Kirova, Dessi; Klieger, David M.

Publication Year: 2021

Source: ETS Research Report

[Graduate Admissions Practices: A Targeted Review of the Literature](#)

Author(s): Michel, Rochelle; Belur, Vinetha; Naemi, Bobby D.; Kell, Harrison

Publication Year: 2019

Source: ETS Research Report

[The Validity of GRE General Test Scores for Predicting Academic Performance at U.S. Law Schools](#)

Author(s): Klieger, David M.; Bridgeman, Brent; Tannenbaum, Richard J.; Cline, Frederick; Olivera-Aguilar, Margarita

Publication Year: 2018

Source: ETS Research Report

[Admissions Testing in College and Graduate Education](#)

Author(s): Zwick, Rebecca J.

Publication Year: 2018

Source: Secolsky, Charles; Denison, D. Brian (eds.) Handbook on Measurement, Assessment, and Evaluation in Higher Education, Second Edition. New York: Routledge, 2018, p271-294

[Perceptions and Uses of GRE Scores After the Launch of the GRE revised General Test in August 2011](#)

Author(s): Klieger, David M.; Belur, Vinetha; Kotloff, Lauren J.

Publication Year: 2017

Source: ETS Research Report

[An Investigation of the Use and Predictive Validity of Scores from the GRE revised General Test in a Singaporean University](#)

Author(s): Liu, Ou Lydia; Klieger, David M.; Bochenek, Jennifer; Holtzman, Steven; Xu, Jun

Publication Year: 2016

Source: ETS Research Report

[Descriptive Study of Universities' Use of GRE General Test Scores in Awarding Fellowships to First-Year Doctoral Students](#)

Author(s): Rock, JoAnn Leah; Adler, Rachel

Publication Year: 2014

Source: ETS Research Report

[New Perspectives on the Validity of the GRE General Test for Predicting Graduate School Grades](#)

Author(s): Klieger, David M.; Cline, Frederick; Holtzman, Steven; Minsky, Jennifer; Lorenz, Florian

Publication Year: 2014

Source: ETS Research Report

[The Validity of Scores from the GRE revised General Test for Forecasting Performance in Business Schools: Phase One](#)

Author(s): Young, John W.; Klieger, David M.; Bochenek, Jennifer; Li, Chen; Cline, Frederick

Publication Year: 2014

Source: ETS Research Report

[Admissions Testing in Higher Education](#)

Author(s): Zwick, Rebecca J.

Publication Year: 2012

Source: Secolsky, Charles; Denison, D. Brian (eds.) Handbook on Measurement, Assessment, and Evaluation in Higher Education. New York: Routledge, 2012, p382-404

[Admissions Testing](#)

Author(s): Zwick, Rebecca J.

Publication Year: 2010

Source: Peterson, Penelope; Baker, Eva; McGaw, Barry (eds.) International Encyclopedia of Education, 3rd Ed., Vol. 4. Oxford: Elsevier, 2010, p7-14

Source: Secolsky, Charles; Denison, D. Brian (eds.) Handbook on Measurement, Assessment, and Evaluation in Higher Education, Second Edition. New York: Routledge, 2018, p271-294

[Understanding What the Numbers Mean: A Straightforward Approach to GRE Predictive Validity](#)

Author(s): Bridgeman, Brent; Burton, Nancy W.; Cline, Frederick

Publication Year: 2008

Source: ETS Research Report

[Inside SourceFinder: Predicting the Acceptability Status of Candidate Reading-Comprehension Source Documents](#)

Author(s): Sheehan, Kathleen M.; Kostin, Irene W.; Futagi, Yoko; Hemat, Ramin; Zuckerman, Daniel I.

Publication Year: 2006

Source: ETS Research Report

[Predicting Long-Term Success in Graduate School: A Collaborative Validity Study](#)

Author(s): Burton, Nancy W.; Wang, Ming-mei

Publication Year: 2005

Source: ETS Research Report

[Validity of Graduate Record Examinations \(GRE\) General Test Scores for Admissions to Colleges of Veterinary Medicine](#)

Author(s): Powers, Donald E.

Publication Year: 2004

Source: Journal of Applied Psychology, v89 n2 p208-219, Apr 2004

[A Comprehensive Meta-analysis of the Predictive Validity of the Graduate Record Examinations: Implications for Graduate Student Selection and Performance](#)

Author(s): Kuncel, Nathan R.; Hezlett, Sarah; A., Ones, Deniz S.

Publication Year: 2001

Source: Psychological Bulletin, Vol 127(1), Jan 2001, 162-181

Validity: Construct and Content

[Evidence of the Generalization and Construct Representation Inferences for the GRE revised General Test Sentence Equivalence Item Type](#)

Author(s): Bejar, Isaac I.; Deane, Paul; Flor, Michael; Chen, Jing
Publication Year: 2017
Source: ETS Research Report

Fairness and Accessibility

[Bias, Fairness, and Validity in Graduate School Admissions: A Psychometric Perspective](#)

Author(s): Woo, Sang Eun; LeBreton, James. M; Keith, Melissa G.; Tay, Louis
Publication Year: 2022
Source: Perspectives on Psychological Science

[The GRE and Students with Disabilities: A Validity Study at 10 Universities](#)

Author(s): Ling, Guangming; Buzick, Heather M.; Belur, Vinetha
Publication Year: 2020
Source: Exceptional Children, v86 n2 p193-208, 2020

[An "Obama effect" on the GRE General Test?](#)

Author(s): Stricker, Lawrence J.; Rock, Donald A.
Publication Year: 2015
Source: Social Influence, v10 n1 p11-18, Jan 2015

[Graduate Student Selection: Graduate Record Examination, Socioeconomic Status, and Undergraduate Grade Point Average as Predictors of Study Success in a Western European University](#)

Author(s): Schwager, Inge T. L.; Hlsheger, Ute R.; Bridgeman, Brent; Lang, Jonas W. B.
Publication Year: 2015
Source: International Journal of Selection and Assessment, v23 n1 p71-80, Mar 2015

[Ensuring the Fairness of GRE Writing Prompts: Assessing Differential Difficulty](#)

Author(s): Broer, Markus; Lee, Yong-Won; Rizavi, Saba; Powers, Donald E.
Publication Year: 2005
Source: ETS Research Report

[Effects of Preexamination Disclosure of Essay Prompts for the GRE Analytical Writing Assessment](#)

Author(s): Powers, Donald E.
Publication Year: 2005
Source: ETS Research Report

[Stereotype Threat, the Test-Center Environment, and Performance on the GRE General Test](#)

Author(s): Walters, Alyssa M.; Lee, Soonmook; Trapani, Catherine
Publication Year: 2004
Source: ETS Research Report

[Development of a SIBTEST Bundle Methodology for Improving Test Equity with Applications for GRE Test](#)

Author(s): Stout, William; Bolt, Dan; Froelich, Amy Goodwin; Habing, Brian; Hartz, Sarah; Roussos, Louis
Publication Year: 2003
Source: ETS Research Report

[Differences in the Gender Gap: Comparisons Across Racial/Ethnic Groups in Education and Work](#)

Author(s): Coley, Richard J.
Publication Year: 2001
Source: ETS Policy Information Center Report

[The Effect of Computer-Based Tests on Racial/Ethnic, Gender, and Language Groups](#)

Author(s): Gallagher, Ann M.; Bridgeman, Brent; Laitusis, Cara Cahalan
Publication Year: 2000
Source: ETS Research Report

Psychometrics

[Examining the Calibration Process for Raters of the GRE General Test](#)

Author(s): Wendler, Cathy; Glazer, Nancy; Cline, Frederick
Publication Year: 2019
Source: ETS Research Report

[Statistical Properties of the GRE Psychology Test Subscores](#)

Author(s): Liu, Yuming; Robin, Frederic; Yoo, Hanwook; Manna, Venessa F.
Publication Year: 2018
Source: ETS Research Report

[Implementing a Contributory Scoring Approach for the GRE Analytical Writing Section: A Comprehensive Empirical Investigation](#)

Author(s): Breyer, F. Jay; Rupp, Andre A.; Bridgeman, Brent
Publication Year: 2017
Source: ETS Research Report

[Dimensionality Analyses of the GRE revised General Test Verbal and Quantitative Measures](#)

Author(s): Robin, Frederic; Bejar, Isaac I.; Liang, Longjuan; Rijmen, Frank
Publication Year: 2016
Source: ETS Research Report

[Automated Trait Scores for GRE Writing Tasks](#)

Author(s): Attali, Yigal; Sinharay, Sandip
Publication Year: 2015
Source: ETS Research Report

[Investigation of Response Changes in the GRE Revised General Test](#)

Author(s): Liu, Ou Lydia; Bridgeman, Brent; Gu, Lixiong; Xu, Jun; Kong, Nan
Publication Year: 2015
Source: Educational and Psychological Measurement, v75 n6 p1002-1020, 2015

[Usability of Interactive Item Types and Tools Introduced in the New GRE Revised General Test](#)

Author(s): Swiggett, Wanda D.; Kotloff, Lauren J.; Ezzo, Chelsea; Adler, Rachel; Oliveri, Maria Elena
Publication Year: 2014
Source: ETS Research Report

[Calculator Use on the GRE revised General Test Quantitative Reasoning Measure](#)

Author(s): Attali, Yigal
Publication Year: 2014
Source: ETS Research Report

[A Study of the Use of the e-rater Scoring Engine for the Analytical Writing Measure of the GRE revised General Test](#)

Author(s): Breyer, F. Jay; Attali, Yigal; Williamson, David M.; Ridolfi-McCulla, Laura; Ramineni, Chaitanya; Duchnowski, Matthew; Harris, April
Publication Year: 2014
Source: ETS Research Report

[The Multistage Test Implementation of the GRE Revised General Test](#)

Author(s): Robin, Frederic; Steffen, Manfred; Liang, Longjuan
Publication Year: 2014
Source: Yan, Duanli; von Davier, Alina A.; Lewis, Charles (eds.) Computerized Multistage Testing: Theory and Applications. Boca Raton: Chapman and Hall/CRC, 2014, p325-341

[Evaluation of e-rater for the GRE Issue and Argument Prompts](#)

Author(s): Ramineni, Chaitanya; Trapani, Catherine S.; Williamson, David M.; Davey, Tim; Bridgeman, Brent
Publication Year: 2012
Source: ETS Research Report

[Potential Impact of Context Effects on the Scoring and Equating of the Multistage GRE Revised General Test](#)

Author(s): Davey, Tim; Lee, Yi-Hsuan
Publication Year: 2011
Source: ETS Research Report

[Field Test of a Computer-Based GRE General Test](#)

Author(s): Schaeffer, Gary A.; Reese, Clyde M.; Steffen, Manfred; McKinley, Robert L.; Mills, Craig N.
Publication Year: 2010
Source: ETS Research Report

[Effects of Calculator Availability on GRE Quantitative Questions](#)

Author(s): Bridgeman, Brent; Cline, Frederick; Levin, Jutta
Publication Year: 2008
Source: ETS Research Report

[Effect of Immediate Feedback and Revision on Psychometric Properties of Open-Ended GRE Subject Test Items](#)

Author(s): Attali, Yigal; Powers, Donald E.

Publication Year: 2008

Source: ETS Research Report

[Automated Scoring of Short-Answer Open-Ended GRE Subject Test Items](#)

Author(s): Attali, Yigal; Powers, Donald E.; Freedman, Marshall; Harrison, Marissa; Obetz, Susan A.

Publication Year: 2008

Source: ETS Research Report

[Supporting Efficient, Evidence-Centered Item Development for the GRE Verbal Measure](#)

Author(s): Sheehan, Kathleen M.; Kostin, Irene W.; Futagi, Yoko

Publication Year: 2007

Source: ETS Research Report

[The Performance of Native Speakers of English and ESL Speakers on the Computer-Based TOEFL and GRE General Test](#)

Author(s): Stricker, Lawrence J.

Publication Year: 2004

Source: Language Testing, v21 n2 p146-173, Apr 2004

[Test Difficulty and Stereotype Threat on the GRE General Test](#)

Author(s): Stricker, Lawrence J.; Bejar, Isaac I.

Publication Year: 2004

Source: Journal of Applied Social Psychology, v34 n3 p563-597, Mar 2004

[Electronic Sources as Input to GRE Reading Comprehension Item Development: SourceFinder Prototype Evaluation](#)

Author(s): Passonneau, Rebecca; Hemat, Lisa; Plante, Janice; Sheehan, Kathleen M.

Publication Year: 2002

Source: ETS Research Report

[GRE Automated-Editing-Task Phase II Report: Item Analyses, Revisions, Validity Study, and Taxonomy Development](#)

Author(s): Breland, Hunter M.; Kukich, Karen; Hemat, Lisa

Publication Year: 2001

Source: ETS Research Report

[Psychometric Evaluation of the New GRE Writing Assessment](#)

Author(s): Schaeffer, Gary A.; Briel, Jacqueline B.; Fowles, Mary E.
Publication Year: 2001
Source: ETS Research Report

[Likely Impact of the GRE Writing Assessment on Graduate Admissions Decisions](#)

Author(s): Powers, Donald E.; Fowles, Mary E.
Publication Year: 2000
Source: ETS Research Report

[Comparing the Validity of Automated and Human Essay Scoring](#)

Author(s): Powers, Donald E.; Burstein, Jill; Chodorow, Martin; Fowles, Mary E.;
Kukich, Karen
Publication Year: 2000
Source: ETS Research Report

[Variations in Mean Response Times for Questions on the Computer-Adaptive GRE
General Test: Implications for Fair Assessment](#)

Author(s): Bridgeman, Brent; Cline, Frederick
Publication Year: 2000
Source: ETS Research Report

[An Investigation of Approaches to Computerizing the GRE Subject Tests](#)

Author(s): Stocking, Martha L.; Smith, Robert; Swanson, Len
Publication Year: 2000
Source: ETS Research Report

[The GRE Computer Adaptive Test: Operational Issues](#)

Author(s): Mills, Craig N.; Steffen, Manfred
Publication Year: 2000
Source: van der Linden, Wim J.; Glas, Cees A. W. (eds.) Computerized Adaptive
Testing: Theory and Practice. Dordrecht, the Netherlands: Kluwer Academic
Publishers, 2000, p75-99

Other Research

[Understanding the Impact of Special Preparation for Admissions Tests](#)

Author(s): Powers, Donald E.

Publication Year: 2017

Source: Bennett, Randy E.; von Davier, Matthias (eds.) *Advancing Human Assessment: The Methodological, Psychological and Policy Contributions of ETS*. Cham, Switzerland: Springer International Publishing, 2017, p553-564