Supplementary Table 1

Names of Real Authors and Non-Authors in the UK Version of the Author Recognition Test (Gilbert et al., 2018)

Real author		Non-author
Name	Literary/ popular[a]	Name
Isabel Allende		Scott Alexander
Maya Angelou		Jessica Ann Lewis
Isaac Asimov	Popular	Larry Applegate
Margaret Atwood		David Ashley
Samuel Beckett		Seth Bakis
Saul Bellow		Patrick Banville
Ray Bradbury	Popular	Amy R. Baskin
Dan Brown		Marvin Benoit
Willa Cather		Lindsay Carter
Raymond Chandler		Keith Cartwright
Tom Clancy		Lisa Hong Chan
Paulo Coehlo		Antonia Cialdini
Michael Crichton		Harry Coltheart
Clive Cussler	Popular	Valerie Cooper
Nelson DeMille		Gary Curwen
Umberto Eco	Literary	Craig DeLord
T.S. Eliot		Beatrice Dobkin
Ralph Ellison		Walter Dorris
Nora Ephron		Elizabeth Engle
William Faulkner	Literary	Erich Fagles
F. Scott Fitzgerald	Literary	Martha Farah
Gillian Flynn		Wayne Fillback
Ken Follet[b]		Peter Flaegerty
Sue Grafton	Popular	Jared Gibbons
John Green		Amy Graham
John Grisham	Popular	Sue Hammond
Ernest Hemingway	Literary	Elinor Harring
Hermann Hesse		S.L. Holloway
Khaled Hosseni		Jay Peter Holmes

Kazuo Ishiguro		Stephen Houston
James Joyce		Seamus Huneven
Stephen King	Popular	Christina Johnson
Judith Krantz	Popular	A.C. Kelly
Harper Lee		Elizabeth May Kenyon
C.S. Lewis		Leslie Kraus
Jack London		Katherine Kreutz
Robert Ludlum	Popular	John Landau
Bernard Malamud		Marcus Lecherou
Gabriel Garcia Marquez	Literary	Walter LeMour
Anne McCaffrey	Popular	Pamela Lovejoy
James Michener		Giles Mallon
Toni Morrison	Literary	Ted Mantel
Vladimir Nabokov		Gloria McCumber
Joyce Carol Oates		Cameron McGrath
Michael Ondaatje		Alex D. Miles
George Orwell		Frederick Mundow
James Patterson	Popular	I.K. Nachbar
Thomas Pynchon		Padraig O'seaghdha
Ayn Rand		Hiroyuki Oshita
Anne Rice		Arturo Garcia Perez
Nora Roberts	Popular	Maryann Phillips
J.K. Rowling		Francine Preston
Salman Rushdie	Literary	Geoffrey Pritchett
J.D. Salinger		Vikram Roy
Jane Smiley	Literary	Chris Schwartz
Danielle Steel	Popular	Stewart Simon
J.R.R. Tolkien	Popular	Marion Coles Snow
Leo Tolstoy	Literary	Judith Stanley
Kurt Vonnegut		Kristen Steinke
Edgar Wallace		Roswell Strong
E.B. White		David Harper Townsend
Thomas Wolfe		Harriet Troudeau
Virginia Woolf	Literary	Anna Tsing
Herman Wouk		Jeremy Weissman
Marcus Zusak		Lisa Woodward

Note. This table is courtesy of Dr. Becky Gilbert, who developed the UK version of the Author Recognition Test. [a] Classification as a literary or popular fiction author based on lists from studies by Mar et al. (2006) and Black et al. (2018). [b] This name was not used in scoring due to misspelling; the correct spelling is “Ken Follett.”

Supplementary Table 2

Names of Real Authors and Non-Authors in the Japanese Version of the Author Recognition Test

Real author	Non-author
曽野綾子	辻みゆき [a]
恩田陸	香坂汐
桐野夏生	遊佐亜季
畠中恵	中山都和子
宮部みゆき	加藤正浩
夏川草介	大澤孝治
小野不由美	吉井俊作
藤沢周平	浅井彩加
東川篤哉	柏崎絵里
大沢在昌	北沢光
西村京太郎	宇堂圭一
誉田哲也	水際磐夫
貴志祐介	長門昌志
有川浩	黒川美咲
湊かなえ	鷹栖姫子
浅田次郎	犬飼明久
林真理子	朝倉衡
佐々木譲	桜庭星奈
池井戸潤	帯刀司
角田光代	多々羅木和彦
和田はつ子	篠川護
山田悠介	羽矢野涼子
東野圭吾	宮地勇作
米澤穂信	草壁孝太郎
司馬遼太郎	吉村一樹
海堂尊	来栖春秋
上橋菜穂子	水原厳一郎
松岡圭祐	稲沢由希彦
吉田修一	綾瀬小夜美
奥田英朗	海野文香
森博嗣	里見久子

伊坂幸太郎	常村秀輝
京極夏彦	平沢晴海
高田郁	瀬戸内希美
北方謙三	時任陽太
宇江佐真理	坂口恒夫
山崎豊子	平野仙太郎
池波正太郎	戸塚ゆかり
万城目学	飛鳥井薫
赤川次郎	世古口ケイ
百田尚樹	植野昇
平岩弓枝	我孫子昌也
和田竜	三浦智樹
越谷オサム	新島光太
石田衣良	照島愁山
坂木司	西島潔
佐伯泰英	川崎龍彦
内田康夫	古泉太一郎
森見登美彦	青木正美
堂場瞬一	若松脩
重松清	佐倉泰之
石崎洋司	水谷仁

Note. Since the criteria for classifying Japanese authors into literary and popular fiction authors are not available, such classifications are not provided. However, the list includes many more Naoki Prize winners (tentative popular fiction writers) than Akutagawa Prize winners (tentative literary fiction writers). See also the main text. [a] This name was not used in scoring because we later learned about an author of children's books having the same name.

Supplementary Table 3

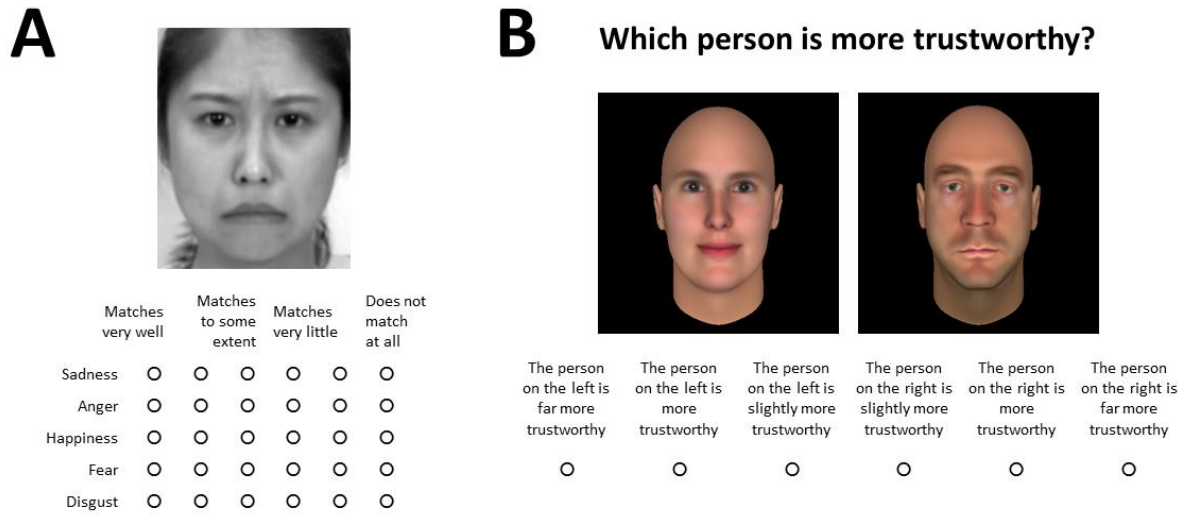
Partial Spearman's Rank Correlations Between the Author Recognition Test Score and the Seven-Level Binned Self-Reported Numbers of Books Read per Year

Genre	UK	Japan	Difference		
			Z	*p*	p_{FDR}
Classics	**.403**	**.218**	**2.477**	.013	.048
Modern/contemporary literary fiction	**.505**	**.378**	1.918	.055	.124
Popular fiction: Romance	-.061	**.221**	**3.459**	.001	.009
Popular fiction: Fantasy	**.180**	**.166**	0.186	.853	.952
Popular fiction: Science fiction	**.334**	**.212**	1.608	.108	.194
Popular fiction: Suspense/thriller/horror/mystery	**.236**	**.413**	**2.399**	.016	.048
Popular fiction: Other genres	**.277**	**.282**	0.060	.952	.952
Nonfiction	**.346**	**.279**	0.901	.368	.552
Others	.082	.110	0.342	.732	.941

Note. Before computing correlations, self-reported numbers of books read per year were transformed into seven ordinal categories (i.e., 0, 1, ..., 5, and 6, where "6" means "6 books or more"; see main text). Statistically significant correlations and differences are shown in bold at the uncorrected 5% level and are underlined at the FDR-corrected 5% level. FDR corrections were performed per country and per variable (number of books read per year and reading-related activities). p_{FDR} = FDR-corrected *p*-value.

Supplementary Figure 1

Screenshots of (A) the Basic Emotion Recognition Task and (B) the Face-Based Trait Inference Task

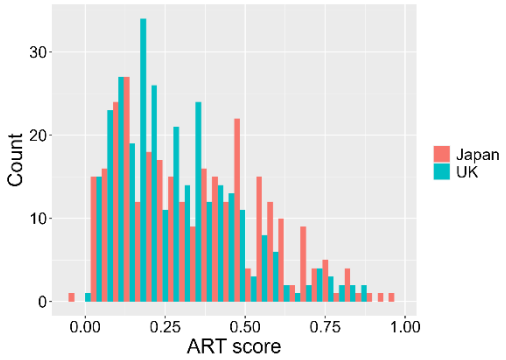


Note. The sample face in (A) is that of a Japanese woman "KS" (60% sadness and 40% anger), which was used for Japanese participants. The sample faces in (B) are computer-generated images; photos of real people's faces were used as stimuli in the actual surveys, which are not shown here for copyright and privacy reasons.

Supplementary Figure 2

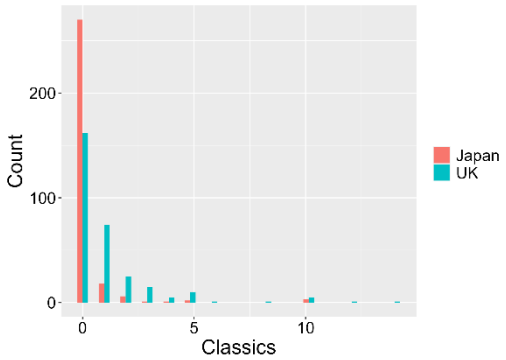
Distributions of the Variables Related to Reading Habits and Social Cognition

Author Recognition Test

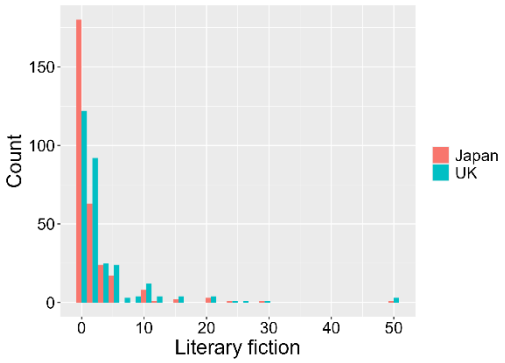


Number of books read per year

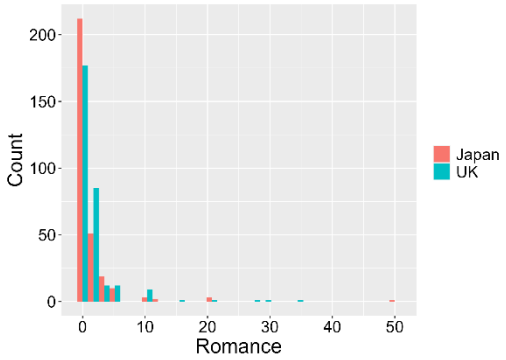
Classics



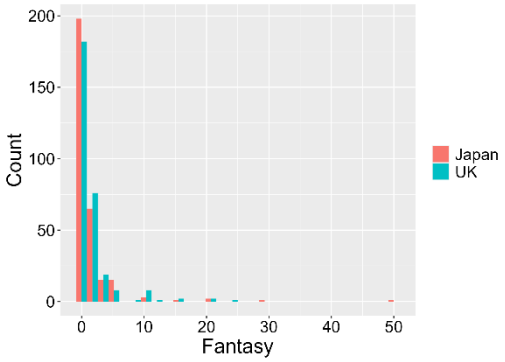
Modern/contemporary



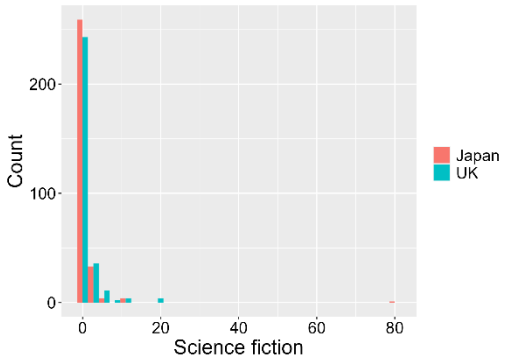
Romance



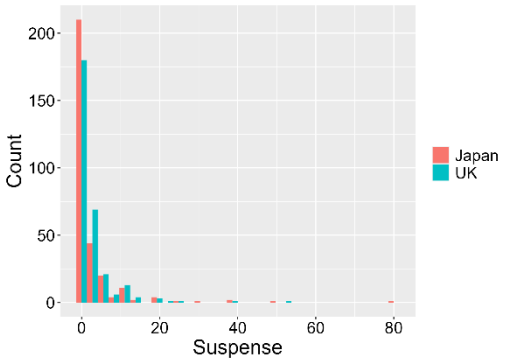
Fantasy



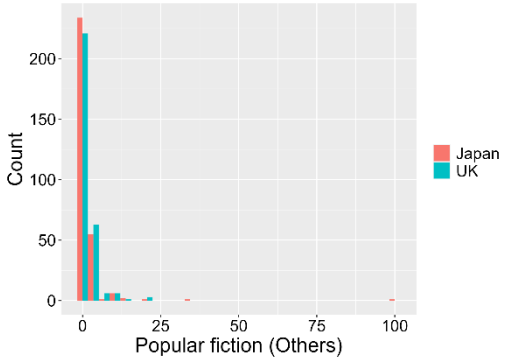
Science fiction



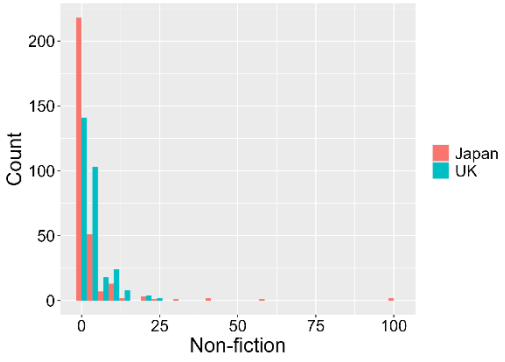
Suspense



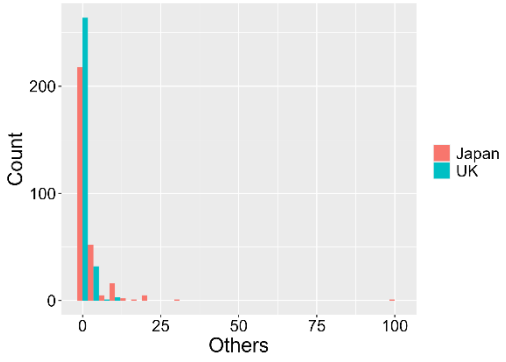
Other genres of popular fiction



Nonfiction

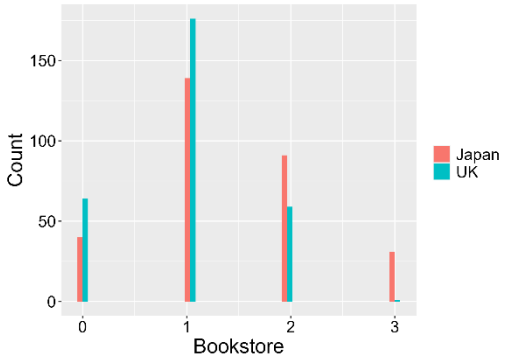


Others

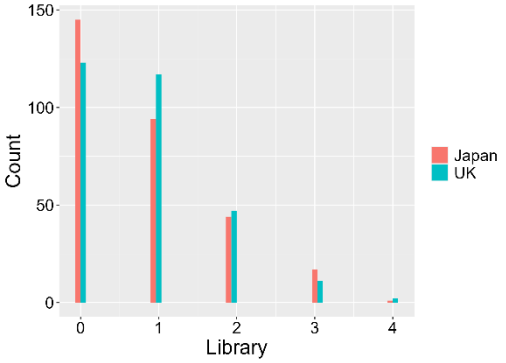


Reading-related activities

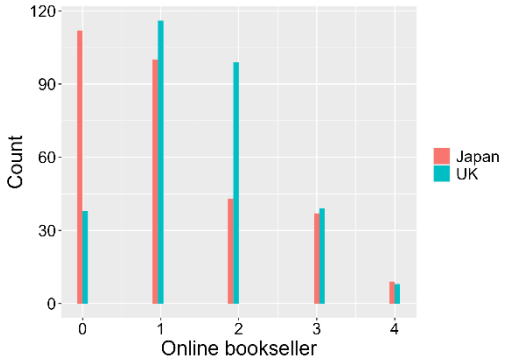
Visiting a bookstore



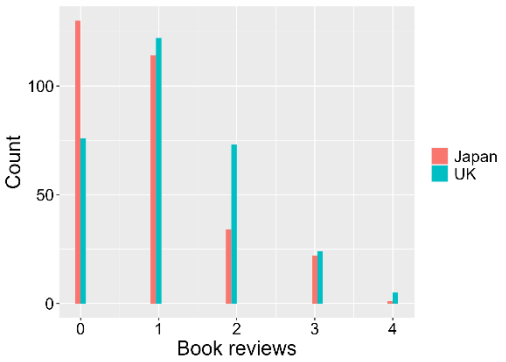
Visiting a library



Browsing an online bookseller

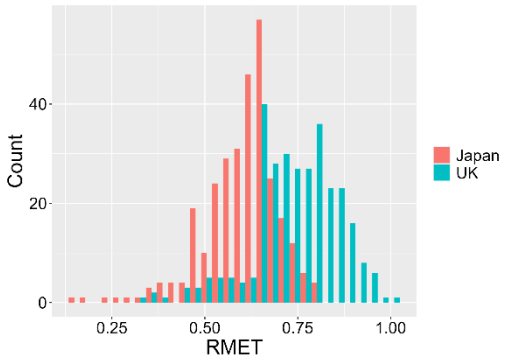


Checking out book reviews

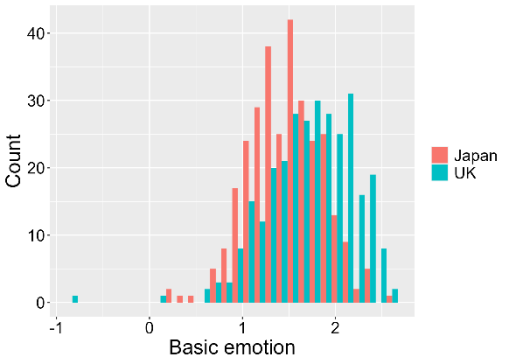


Mentalizing Skills

Reading the Mind in the Eyes Test

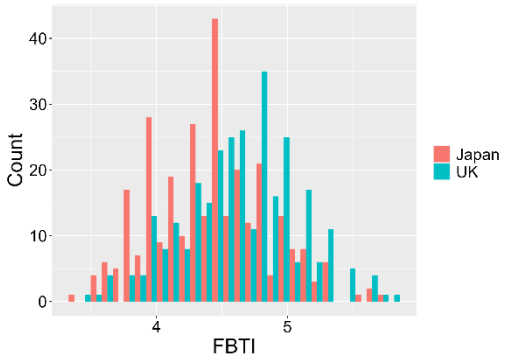


Basic emotion recognition

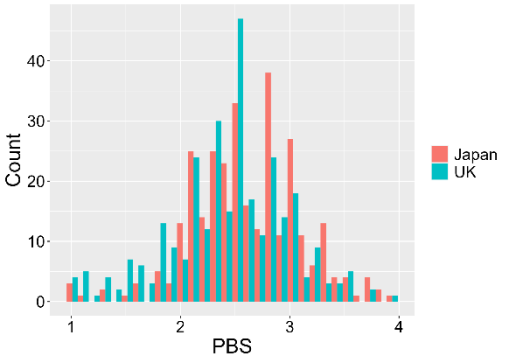


Stereotyping

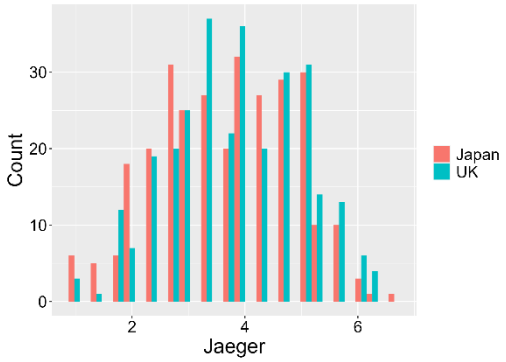
Face-Based Trait Inference



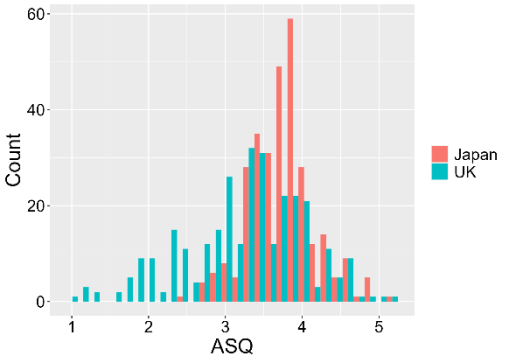
Physiognomic belief (Suzuki et al., 2019)



Physiognomic belief (Jaeger et al., 2020a)

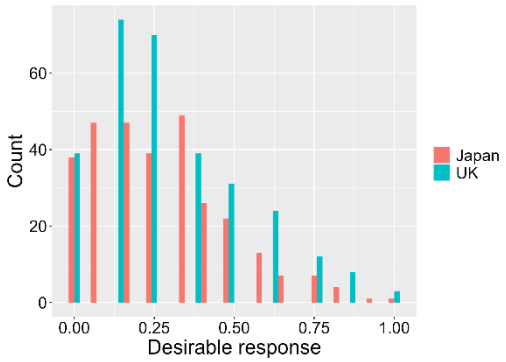
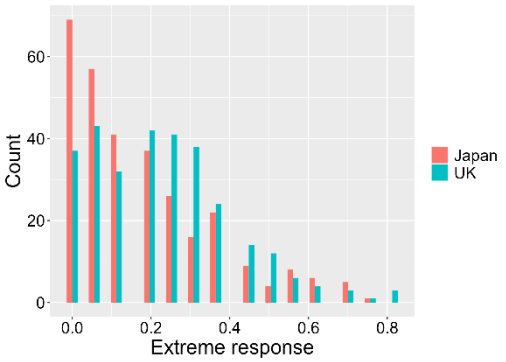


Acceptance of stereotyping



Response Bias

Social desirability



Extreme response