Evidence Evaluation Committee

					Details of Self-reported Financial C	01							
					3 Employment as an officer/director/adviser in a company or any for-profit organization directly related to the research and amount o remuneration		3 Patent royalty	Daily allowance (Remunerations, lecture fee, etc.)	⑤ Manuscript fee	© Research funding, Grants, etc.	(Incentive), Donations, etc.	Endowed courses offered by a company/organization/institution	expenses, receipt of
Name	Affiliation Job title or grade	Qualifications and expertise	Specialty	Academic societies, etc., in office	Amounts of I million IPV or more per year from a single company, organization, or entity.		million JPY or more per year from a single company, organization,	JPY or more per year		company, organization, or entity to either the individual declarant or to the department/division/lab oratory to which the declarant belongs, where	million JPY or more per year from a single company, organization, or entity to either the individual declarant or to the department/division/lab oratory to which the declarant belongs, where the declarant has substantial, discretion	affiliated.	Amounts of 50,000 JPY or more per year from a single company, organization, or entity.
Mitsuaki Takemi	Graduate School of Science and Technology, Keio University Project Assistant Professor	Ph.D.	Neuroscience, Exercise Science	Councilors, The Japan Neuroscience Society Working Group 4 member, Industry- Academia Collaboration Advisory Committee, Union of Brain Science Associations in Japan. Program committee member, The Japanese Society for Motor Control (2023)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kaoru Amano	Graduate School of Information Science and Professor Technology, The University of Tokyo	Ph.D.	Non-invasive brain function measurement, non-invasive brain stimulation	Committee Members, Industry-Academia Partnership Committee, The Japan Neuroscience Society (June 2021 to June 2023) Director, Japanese Neural Network Society Conference Chair, The 33rd Annual Meeting of the Japanese Neural Network Society (JMNS 2023) Caretaker, Vision Society of Japan Conference Chair, Vision Society of Japan Winter Meeting 2023	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Aya Ihara	Center for Information and Neural Networks (CiNet), Advanced ICT Research Institute, National Institute of Information and Communications Technology (NICT)	Ph.D. Clinical Laboratory Technologist	Cognitive Neuroscience, Brain functions involved in language	Evaluation panel member, Japan Agency for Medical Research and Development	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rieko Osu	Faculty of Human Sciences, Waseda Professor University	Ph.D.	Cognitive neuroscience	Committee, Technical Committee on Neurocomputing (NC), Institute of Electronics, Information and Communication Engineers (Through March 2022). Director, The Japanese Society for Motor Control (2023)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Jun-ichiro Kawahara	Graduate School of Humanities and Human Sciences, Hokkaido University	Ph.D.	Cognitive Psychology	President, The Japanese Psychonomic Society Managing Director, The Japanese Society for Cognitive Psychology Chairman of the Editorial Board, The Japanese Psychological Association	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1. NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc., Applicable to: individual, Period: March 2023. 2. Universal Communication Design Association, Applicable to: individual, Period: April 2019 to present.

Akifumi Kishi	Graduate School of Medicine, The University of Tokyo	Project Lecturer	Ph.D.	Educational Physiology, Sleep Science	Councilor, Japanese Society for Chronobiology	N/A	N/A	N/A	N/A	N/A	N/A	1. Toppan Inc., Applicable to: individual, Period: October 2019 to January 2024. 2. JMDC Inc., Applicable to: individual, Period: July 2020 to January 2024.	N/A	N/A
Masako Tamaki	RIKEN Center for Brain Science (CBS), RIKEN Hakubi Team Leader Cognitive Somnology RIKEN Hakubi Research Team	RIKEN Hakubi Team Leader	Ph.D.	Sleep Reserch, Cognitive Neuroscience	Committee, Future Vision Board, The Japanese Society of Sleep Research, Committee, Ethics Board, The Japanese Society of Sleep Research	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nobuhiro Hagura	Center for Information and Neural Networks (CiNet), Advanced ICT Research Institute, National Institute of Information and Communications Technology (NICT)	Senior Researcher	Ph.D.	Cognitive Neuroscience	Program committee member, The Japanese Society for Motor Control (2021, 2022) Board Member, The Japanese Society for Motor Control (2023)	N/A	N/A	N/A	NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc., Applicable to: individual, Period: September 2019 to present.	N/A	N/A	N/A	N/A	N/A
Koichi Hosomi	Graduate School of Medicine, Osaka University	Specially Appointed Associate Professor	M.D., Ph.D.	Functional Neurosurgery	Councilor, Japan Neuromodulation Society Delegate, Japanese Association for Study of Pain International Relations Committee Member, Academic Committee Member, and Guideline Development Committee Member, Japan Society for Stereotactic and Functional Neurosurgery Member of Subcommittee on brain stimulation, Japanese Society of Clinical Neurophysiology Asian Australasian Society for Stereotactic and Functional Neurosurgery, Secretary	N/A	N/A	N/A	DAIICHI SANKYO COMPANY, LIMITED, Applicable to: individual, Period: from November 2021 to December 2023.	N/A	DAIICHI SANKYO COMPANY. LIMITED. Applicable to: individual, Period from April 2019 to December 2020.	N/A	Teijin Pharma Limited, Applicable to: Individual, Period: from before January 2019 to March 2021. *Not an endowed chair, but a joint research chair.	N/A
Maro Machizawa	Xiberlinc Inc.	CEO	Ph.D.	Cognitive Neurology	N/A	Xiberlinc Inc., Applicable to: individual, Period: April 2022 to present.	N/A	N/A	N/A	N/A		CAINZ Digital Innovation Foundation, Period: from April 2020 to March 2021.	N/A	N/A
	Institute for Advanced Co-Creation Studies, Osaka University	Professor	M.D., Ph.D.	Neuroscience, Neurosurgery, Epilepsy, Clinical Neurophysiology	Councilor, Japanese Association for the Study of Pain Councilo, The Japanese Society of Aromatherapy (Through FY2021)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Natsue Yoshimura	School of Computing, Tokyo Institute of Technology	Professor	Ph.D.	Brain Information Decoding, Brain Machine Interfaces	Director, The Japanese Society for Motor Control (2023) Board Member (2022, 2023), Director (2024), Japanese Neural Network Society Executive Committee member, The 48th Annual Meeting of the Japan Neuroscience Society	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Systematic Review Team Members

						Details of Self-reported Financial C	COI							
						3.Employment as an officer/director/adviser in a company or any for-profit organization directly related to the research and amount or remuneration		3 Patent royalty	Daily allowance (Remunerations, lecture fee, etc.)	(5) Manuscript fee	© Research funding, Grants, etc.	(Incentive), Donations, etc.	Endowed courses offered by a company/organizatio n/institution	expenses, receipt of
Name	Affiliation	Job title or grade	Qualifications and expertise	Specialty	Academic societies, etc., in office	Amounts of 1 million JPY or more per year from a single company, organization, or entity.	(sum of dividends and capital gains) of 1 million	year from a single company, organization,	JPY or more per year from a single company,	JPY or more per year from a single company,	the department/division/lab oratory to which the	million JPY or more per year from a single company, organization, or entity to either the individual declarant or to the department/division/lab oratory to which the declarant belongs, where the declarant has substantial, discretion	To be declared if affiliated.	Amounts of 50,000 JPY or more per year from a single company, organization, or entity.
Keiichi Ishikawa	Graduate School of Arts and Sciences, The University of Tokyo	Doctoral student	-	Neuroscience	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Takuya Ideriha	Graduate School of Media and Governance Keio University SandBox Inc.	e, Doctoral student Affiliated Scientist	-	Cognitive Neuroscience, Working Memory	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Masato Ito	Graduate School of Human Sciences, Waseda University	Completed master's degree (March 2023)	-	Cognitive Neuroscience	N/A	N/A	N/A	N/A	PGV Inc., Applicable to: individual, Period: January 2019 to January 2022.	N/A	N/A	N/A	N/A	N/A
Ayako Imamura	Institute of Global Education, Humanics Master's Program. University of Tsukuba	Five year integrated doctoral program student	-	Neuroscience of sleep	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Seitaro Iwama	Faculty of Science and Technology, Keio University	Assistant Professor	Ph.D.	Neuroscience	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ryoji Onagawa	Graduate School of Arts and Sciences, The University of Tokyo	Project Assistant Professor	Ph.D.	Motor Control, Decision-making	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Reiji Ohkuma	Graduate School of Human Sciences, Waseda University	Doctoral student	-	Cognitive Neuroscience	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Naotsugu Kaneko	Graduate School of Arts and Sciences, The University of Tokyo	³ Assistant Professor	Ph.D.	Neurophysiology	N/A	N/A	N/A	N/A	N/A	N/A	Troundation, Applicable to: Individual, Period: April 2021 to March 2022. Z Tatlesi Science and Technology Foundation, Applicable to: Individual, Period: April 2023 to March 2024. 3. Nakatani Foundation, Applicable to: Individual, Period: April 2023 to March 2025 (planned). 4. Casio Science Promotion Foundation,	N/A	N/A	N/A
Ikko Kimura	Copenhagen University Hospital - Amager and Hvidovre DRCMR	Postdoctoral associate	M.D., Ph.D.	Neuroscience, Neurology	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
XU Yuting	Graduate School of Information Science an Technology, The University of Tokyo	Doctoral student	-	Cognitive Neuroscience	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hideaki Kurashiki	Graduate School of Science and Technology, Keio University	Completed master's degree (March 2023)		Brain-machine Interface	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Yujin Goto	School of Life Science, The Graduate University for Advanced Studies (SOKENDAI) National Institute for Physiological Science, Physiological Research Institute	Five year integrated doctoral program student Research Fellow (DC2), Japan , Society for the Promotion of Science	-	Human EEG, Neural Network	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Atsushi Sasaki	University of Miami	Research Fellow (PD), Japan Society for the Promotion of Science	Ph.D.	Neurophysiology	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kairi Sugimoto	Waseda University, School of Fundamental Science and Engineering Waseda University, Graduate School of Fundamental Science and Engineering Taisho University, Faculty of Human Studies, Department of Human Sciences	Research Associate Doctoral student Part-time Lecture	Type 1 High school teaching license for Informatics	Cognitive psychology	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hiroki Takeuchi	Graduate School of Education, The University of Tokyo	Project Researcher	Ph.D.	Educational physiology	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Suzuka Narukawa	School of Life Science, The Graduate University for Advanced Studies (SOKENDAI)	Five year integrated doctoral program student	-	Cognitive Neuroscience	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hiroki Noyama	Graduate School of engineering, The University of Tokyo	Completion of doctoral program (end of March 2024)	-	Neuroengineering	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Makoto Hagihara	School of Life Science, The Graduate University for Advanced Studies (SOKENDAI)	Five year integrated doctoral program student	-	Cognitive Neuroscience	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Isabel Bandes	Department of Information and Communications Engineering, Science Tokyo (Tokyo Institute of Technology)	Doctoral student	-	Brain decoding associated with movement and the design of onlin brain computer interface	e N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tatsuro Fujimaki	Graduate School of Science and Technology, Keio University	Doctoral student		Neurorehabilitation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1. Hosnizaki Memorial Foundation, Applicable to: individual, Period: March 2022 to March 2024, 2. Moriya Scholarship Foundation, Applicable to:	N/A	N/A
Atsuya Matsuoka	Graduate School of Science and Technology, Keio University	Completed master's degree (March 2023)	-	Neuroscience	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Yoshihito Muraoka	Graduate School of Science and Technology, Keio University	Completed master's degree (March 2022)	-	Neuroscience	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Yuki Motomura	Faculty of Design, kyushu University	Assistant Professor	Ph.D.	Psychophysiology	Executives, Japan Society of Physiological Anthropology	N/A	N/A	N/A						

Evidence Book External Review Board Members

						Details of Self-reported Financial C	OI							
Name	Affiliation	Job title or grade	Qualifications and expertise	Specialty	Academic societies, etc., in office	1 Employment as an officer/director/adviser in a company or any for-profit organization directly related to the research and amount of remuneration Amounts of 1 million JPY or more per year from a single company, organization, or entity.	Stock related profits (sum of dividends and capital gains) of 1 millior	Patent royalties of 1 million JPY or more per	(Remunerations, lecture fee, etc.) Total amounts of 500,000 JPY or more per year from a single company.	Total amounts of 500,00 JPY or more per year	© Research funding, Grants, etc. 10 Total endowment funds of 1 million JPY or more per year from a single company, organization,	(Incentive), Donations, etc. Total donations of 1 million JPY or more per year from a single	company/organization/institution To be declared if affiliated.	expenses, receipt of
							from a single company, or ownership of 5% or more of the total shares of said company.				or entity to either the individual declarant or to the department/division/lab oratory to which the declarant belongs, where the declarant has. substantial discretion over the use of funds.	or entity to either the individual declarant or to the department/division/lab oratory to which the declarant belongs, where the declarant has substantial. discretion		
Yoshikazu Ugawa	Fukushima Medical University	Emeritus Professor	M.D., Ph.D., Board Certified Member of the Japanese Society of Internal Medicine, Neurologist, Clinical neurophysiology's Doctor	Neurology, Clinical Neurophysiolog	President of Asian Oceanian chapter of the international federation of clinical neurophysiology (IFCN) Vice President of Asian Oceanian region of the World Federation of Neurology (WFN) A member of Executive Committee of IFCN Chair of Brain Stimulation Special Interest Group of IFCN Chair of Movement Disorder in Asia Study Croup of International Movement Disorders Society (MDS) Delegate of Japanese Society of Neurology to World Federation of Neurology	N/A	N/A	N/A	CHUGA-IGAKUSHA, Applicable to: individual, Period: from April 2019 to March 2022.	N/A	1. Association of Radio Industries and Businesses, Applicable to: individual, Period: from April 2019 to March 2023. 2. Tokyo Metropolitan Institute of Medical Science, Applicable to: Individual, Period from April 2019 to March 2023.	N/A	1. Takeda General Hospital, Applicable to: individual, Period: from April 2020 to March 2024. 2. Aidu Chuo Hospital, Applicable to: individual, Period: from April 2019 to March 2020.	
Fumihiro Uno	Dobunshoin, Inc.	Chief Executive Officer (CEO)	-	Financial Management	Japan Executive Secretary, Japanese Association	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Noriko Osumi	Tohoku University Tohoku University Library Tohoku University Graduate School of Medicine	Vice President Director Professor	Ph.D., DDS	Molecular Biology, Developmental Biology, Neuroembryology, Science Communication		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toshihisa Ohtsuka	Faculty of Medicine University of Yamanashi	Professor	Ph.D.	Biochemistry, Neuroscience	Program Officer, Japan Agency for Medical Research and Development Member of General Affairs Committee, Japanese Society of Neuropsychopharmacology	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Takayoshi Sugawara	Sedgefield Kobayashi and Partners Faculty of Law, Kelo University	Attorney at Law Project Professor	Altoney at Law	Civil law, commercial and corporate law, law, and commercial and corporate law, and commercial comm	Director, The Air Law Institute of Japan National Governance PT Member, KEIZAI DOYUKAK-Japan Association of Corporate Executives? Trustee, The Tokyo Bar Association Scholarship Foundation Director, Corporate Law Section, Legal Research Department, Tokyo Bar Association Member, International Transaction Law Department, Legal Research Division, Tokyo Bar Association Academic member, Specialist Committee on Conomic Law and Regulations, The Japan Chamber of Commerce and Industry	 Keio University, Applicable to: individual, Period: from April 2019 to March 2022. ANA Strategic Research Institute Co., Ltd., Applicable to: individual, Period: from April 2019 to March 2021. 	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

List of Financial COI

Takeo Nakayama	Graduate School of Medicine and Faculty of	Professor Director, Ethics Support Division	M.D., Ph.D. Public Health and Social Medicine Certified Specialist, Japanes Society of Public Health Certified Semic Epidemiologist, Japan Epidemiologist Association	Public Health, Epidemiology, Health informatics, Health Communication, etc.	Vice President, Japan Association of Health Communication Vice President, Japanese Society for Clinical Knowledge Vice President, The Japanese Association of Smoking Control Science Vice President, Japanese Society of Health Science for Children Japanese Society for Pharmacoepidemiology Director, Japanese Society for Pharmacoepidemiology Director, The Society of Citizen Informatics for Human Cognitive Disorder	N/A	N/A	N/A	1. Janssen Pharmaceutical K.K. Applicable to: Individual, Period: from April 2018 to March 2019. 2. Misubishi Tanabe Pharma Carporation. Applicable to: Individual, Period: from April 2020 to March 2021. 3. Et Ilily Japan K.K. Applicable to: Individual, Period: from April 2020 to March 2021. 4. Ono Pharmaceutical Cou. Ltd. Applicable to: Individual, Period: from July 2022 to June 2023.	N/A	1. KONICA MINOLTA, INC., Applicable to: individual, Period: from April 2019 to March 2022. 2. 1&H Co., Ltd., Applicable to: individual, Period: July 2022 to June 2023. 3. NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc., Applicable to: individual, Period: April 2023 to March 2024.	from April 2019 to June 2023.	N/A	N/A
Yu Nishitsutsumi	Center for Information and Neural Networks (CiNet), Advanced ICT Research Institute, National Institute of Information and Communications Technology (NICT)	Researcher	Ph.D.	Philosophy of Mind, Neuroethics	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Evidence Book External Review Board Members

* In principle, Affiliations, positions, grades, qualifications, etc. are as of October 1, 2024, and COI details, are based on declarations as of August 31, 2024.

						Details of Self-reported Financial (COI							
Name	Affiliation	Job title or grade	Qualifications and expertise	Specialty		3 Employment as an officer/director/adviser in a company or any for-profit organization directly related to the research and amount or remuneration Amounts of 1 million JPY or more per year from a single company, organization, or entity.	2 Profit on equity	Patent royalties of 1 million JPY or more per n year from a single company, organization,	(Remunerations, lecture fee, etc.) Total amounts of 500,000 JPY or more per year from a single company,	JPY or more per year	of 1 million JPY or more per year from a single company, organization, or entity to either the	(Incentive), Donations, etc. Total donations of 1 million JPY or more per year from a single company, organization,	company/organization/institution To be declared if affiliated.	expenses, receipt of
Masahiro Iguchi	Neurology Clinic, Okinawa Chubu Hospital	Part-time Physician	M.D., Ph.D.	Clinical Neurology	N/A	N/A	of said company.	N/A	N/A	N/A	oratory to which the declarant belongs, when the declarant has.	declarant belongs, where the declarant has substantial, discretion		N/A
Masahito Mihara	Department of Neurology, Kawasaki Medical School	Professor	M.D., Ph.D.	Clinical Neurology, Neurorehabilitation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tatsuya Mima	Graduate School of Core Ethics and Frontie Sciences, Ritsumeikan University Graduate School		Ph.D. Board-certified neurologists, Japanese Society of Neurology Board-certified neurologists, Japanese Society of Clinical Neurophysiology	Clinical Neurology, Cognitive Neuroscience, Neuroethics	Director, Japan Association for Bioethics Director, apan Society of Health and Medical Sociology	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Secretariat Members

						Details of Self-reported Financial C	01							
						①Employment as an officer/director/adviser in a company or any for-profit organization directly related to the research and amount of remuneration		3 Patent royalty	Daily allowance (Remunerations, lecture fee, etc.)	§ Manuscript fee	© Research funding, Grants, etc.	(Incentive), Donations, etc.	Endowed courses offered by a company/organizatio n/institution	expenses, receipt of
Name	Affiliation	Job title or grade	Qualifications and expertise	Specialty	Academic societies, etc., in office	aingle company, organization, or entity.	Stock related profits (sum of dividends and capital gains) of 1 million JPY or more per year from a single company, or ownership of 5% or more of the total shares of said company.	company, organization,	from a single company,	JPY or more per year	of 1 million JPY or more per year from a single company, organization, or entity to either the individual declarant or to the department/division/lab oratory to which the declarant belongs, where the declarant has substantial discretion	million JPY or more per year from a single company, organization, or entity to either the individual declarant or to the department/division/lab	affiliated.	Amounts of 50,000 JPY or more per year from a single company, onganization, or entity.
Yumiko Kakubari	ARAYA Inc.	Staff (Retired in March 2023)	-		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ayumi Kusano	ARAYA Inc.	Staff (Retiring in October 2022)	Ph.D.	Molecular Genetics	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Harusa Tsutsumi	ARAYA Inc.	Senior Staff (Retiring in August 2024)	Ph.D.	Bioresource Conservation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Shiho Tenmoto	Knowledge Mobility based System Institute	Director	-	Science Communication	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tomoya Nakanishi	Neuro-Cognitive Innovation Unit, NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.		Ph.D., Physical Therapist	Rehabilitation Science, Sports Science Neurophysiology, Neuroscience	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Seiko Fujiawara	Faculty of Science and Technology, Keio University	Part-time Clerk	-	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[RQ1 Members] Can neurofeedback training improve motor performance?

				Details of Self-reported A	Academic COI			
Name	Affiliation	Job title or grade	Function	① I have cited my academic papers in systematic reviews of the social questions. However, systematic review articles summarizing the findings of this RQ are excluded.	② I am a family or relative of another committee member.	relationship or direct employment relationship with another committee member.	BMI are offered by a company or	⑤ Not applicable to the items above, but there are events in which a conflict of interest is assumed.
Mitsuaki Takemi	Graduate School of Science and Technology, Keio University	Project Assistant Professor	Member of Guidebook Development Committee Chairman of Evidence Evaluation Committee	N/A	N/A	Applicable person: Junichi Ushiba Relationship: My employer	N/A	N/A
Nobuhiro Hagura	Center for Information and Neural Networks (CiNet), Advanced ICT Research Institute, National Institute of Information and Communications Technology (NICT)	Senior Researcher	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	N/A
Ryoji Onagawa	Graduate School of Arts and Sciences, The University of Tokyo	Project Assistant Professor	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A
Yoshihito Muraoka	Graduate School of Science and Technology, Keio University	Completed master's degree (March 2022)	Systematic Review Team Members	N/A	N/A	Applicable person: Junichi Ushiba Relationship: My supervisor	N/A	N/A

[RQ2 Members] Can neurofeedback training improve sleep quality?

				Details of Self-reported A	Academic COI			
Name	Affiliation	Job title or grade	Function	① I have cited my academic papers in systematic reviews of the social questions. However, systematic review articles summarizing the findings of this RQ are excluded.	② I am a family or relative of another committee member.	relationship or direct employment relationship with another committee member.	BMI are offered by a company or	⑤ Not applicable to the items above, but there are events in which a conflict of interest is assumed.
Akifumi Kishi	Graduate School of Medicine, The University of Tokyo	Project Lecturer	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	N/A
Masako Tamaki	RIKEN Center for Brain Science (CBS), RIKEN Hakubi Team Leader Cognitive Somnology RIKEN Hakubi Research Team	RIKEN Hakubi Team Leader	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	N/A
Hiroki Takeuchi	Graduate School of Education, The University of Tokyo	Project Researcher	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A
Isabel Bandes	Department of Information and Communications Engineering, Science Tokyo (Tokyo Institute of Technology)	Doctoral student	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A

[RQ3 Members] Can neurofeedback training enhance attentional functions?

				Details of Self-reported A	Academic COI			
Name	Affiliation	Job title or grade	Function	-		relationship or direct employment relationship with another committee member.	② Endowed courses related to BMI are offered by a company or a forprofit corporate organization or group in the department, division, etc. at the university, national research institute, or other research institution to which I belong, or at the same company.	
Rieko Osu	Faculty of Human Sciences, Waseda University	Professor	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	N/A
Jun-ichiro Kawahara	Graduate School of Humanities and Human Sciences, Hokkaido University	Professor	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	N/A
Ryoji Onagawa	Graduate School of Arts and Sciences, The University of Tokyo	Project Assistant Professor	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A
Ikko Kimura	Copenhagen University Hospital - Amager and Hvidovre DRCMR	Postdoctoral associate	Systematic Review Team Members	N/A	N/A	Applicable person: Kaoru Amano Relationship: My supervisor	N/A	N/A
Hiroki Noyama	Graduate School of engineering, The University of Tokyo	Completion of doctoral program (end of March 2024)	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A

[RQ4 Members]Can neurofeedback training enhance memory aptitudes?

				Details of Self-reported A	Academic COI			
Name	Affiliation	Job title or grade	Function	① I have cited my academic papers in systematic reviews of the social questions. However, systematic review articles summarizing the findings of this RQ are excluded.	② I am a family or relative of another committee member.	relationship or direct employment relationship with another committee member.	BMI are offered by a company or	⑤ Not applicable to the items above, but there are events in which a conflict of interest is assumed.
Mitsuaki Takemi	Graduate School of Science and Technology, Keio University	Project Assistant Professor	Member of Guidebook Development Committee Chairman of Evidence Evaluation Committee	N/A	N/A	Applicable person: Junichi Ushiba Relationship: My employer	N/A	N/A
Masako Tamaki	RIKEN Center for Brain Science (CBS), RIKEN Hakubi Team Leader Cognitive Somnology RIKEN Hakubi Research Team	Project Assistant Professor	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	N/A
Maro Machizawa	Xiberlinc Inc.	RIKEN Hakubi Team Leader	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	I am serving as CEO of Xiberlinc Inc.
Reiji Ohkuma	Graduate School of Human Sciences, Waseda University	CEO	Systematic Review Team Members	N/A	N/A	Applicable person: Rieko Osu Relationship: My supervisor	N/A	N/A
Makoto Hagihara	School of Life Science, The Graduate University for Advanced Studies (SOKENDAI)	Doctoral student	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A
Tatsuro Fujimaki	Graduate School of Science and Technology, Keio University	Five year integrated doctoral program student	Systematic Review Team Members	N/A	N/A	Applicable person: Junichi Ushiba Relationship: My supervisor	N/A	N/A

[RQ5 Members] Can non-invasive brain stimulation improve motor task performance?

				Details of Self-reported Academic COI					
Name	Affiliation	Job title or grade	Function	① I have cited my academic papers in systematic reviews of the social questions. However, systematic review articles summarizing the findings of this RQ are excluded.	② I am a family or relative of another committee member.	③ I have a close mentor-pupil relationship or direct employment relationship with another committee member.		Not applicable to the items above, but there are events in which a conflict of interest is assumed.	
Nobuhiro Hagura	Center for Information and Neural Networks (CiNet), Advanced ICT Research Institute, National Institute of Information and Communications Technology (NICT)	Senior Researcher	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	N/A	
Natsue Yoshimura	School of Computing, Tokyo Institute of Technology	Professor	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	N/A	
Takuya Ideriha	Graduate School of Media and Governance, Keio University SandBox Inc.	Doctoral student Affiliated Scientist	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A	
Yujin Goto	School of Life Science, The Graduate University for Advanced Studies (SOKENDAI) National Institute for Physiological Science, Physiological Research Institute	Five year integrated doctoral program student Research Fellow (DC2), Japan Society for the Promotion of Science	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A	
Atsushi Sasaki	University of Miami	Research Fellow (PD), Japan Society for the Promotion of Science	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A	
Atsuya Matsuoka	Graduate School of Science and Technology, Keio University	Completed master's degree (March 2023)	Systematic Review Team Members	N/A	N/A	Applicable person: Junichi Ushiba Relationship: My supervisor	N/A	N/A	

[RQ6 Members] Can non-invasive brain stimulation improve sleep quality?

				Details of Self-reported Academic COI					
Name	Affiliation	Job title or grade	Function		② I am a family or relative of another committee member.	relationship or direct employment relationship with another committee member.	BMI are offered by a company or a forprofit corporate organization		
Akitumi Kishi	Graduate School of Medicine, The University of Tokyo	Project Lecturer	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	N/A	
Koichi Hosomi	Graduate School of Medicine, Osaka University	Specially Appointed Associate Professor	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	N/A	
Avako Imamura	Institute of Global Education, Humanics Master's Program. University of Tsukuba	Five year integrated doctoral program student	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A	
Yuki Motomura	Faculty of Design, kyushu University	Assistant Professor	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A	

[RQ8 Members] Can non-invasive brain stimulation enhance memory aptitudes?

				Details of Self-reported Academic COI					
Name	Affiliation	Job title or grade	Function		② I am a family or relative of another committee member.	③ I have a close mentor-pupil relationship or direct employment relationship with another committee member.		Not applicable to the items above, but there are events in which a conflict of interest is assumed.	
Kaoru Amano	Graduate School of Information Science and Technology, The University of Tokyo	Professor	Evidence Evaluation Committee	N/A	N/A	Applicable person: Ikko Kimura, XU Yuting Relationship: My students	N/A	Although I haven't published a paper yet, I am currently researching on the relationship between brain waves and relaxation.	
Koichi Hosomi	Graduate School of Medicine, Osaka University	Specially Appointed Associate Professor	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	N/A	
Keiichi Ishikawa	Graduate School of Arts and Sciences, The University of Tokyo	Doctoral student	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A	
Ryoji Onagawa	Graduate School of Arts and Sciences, The University of Tokyo	Project Assistant Professor	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A	
Yujin Goto	School of Life Science, The Graduate University for Advanced Studies (SOKENDAI) National Institute for Physiological Science, Physiological Research Institute	Five year integrated doctoral program student Research Fellow (DC2), Japan Society for the Promotion of Science	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A	
Suzuka Narukawa	School of Life Science, The Graduate University for Advanced Studies (SOKENDAI)	Five year integrated doctoral program student	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A	

[RQ9 Members] Is EEG a biomarker of relaxation?

				Details of Self-reported Academic COI					
Name	Affiliation	Job title or grade	Function	① I have cited my academic papers in systematic reviews of the social questions. However, systematic review articles summarizing the findings of this RQ are excluded.	② I am a family or relative of another committee member.	relationship or direct employment relationship with another	BMI are offered by a company or	⑤ Not applicable to the items above, but there are events in which a conflict of interest is assumed.	
Kaoru Amano	Graduate School of Information Science and Technology, The University of Tokyo	Professor	Evidence Evaluation Committee	N/A	N/A	Applicable person: Ikko Kimura, XU Yuting Relationship: My students	N/A	あり	
Mitsuaki Takemi	Graduate School of Science and Technology, Keio University	Project Assistant Professor	Member of Guidebook Development Committee Chairman of Evidence Evaluation Committee	N/A	N/A	Applicable person: Junichi Ushiba Relationship: My employer	N/A	N/A	
Hideaki Kurashiki	Graduate School of Science and Technology, Keio University	Completed master's degree (March 2023)	Systematic Review Team Members	N/A	N/A	Applicable person: Junichi Ushiba Relationship: My supervisor	N/A	I previously conducted the studies using the indicators possibly treated in the RQ and am going to published them as a paper.	
Kairi Sugimoto	Waseda University, School of Fundamental Science and Engineering Waseda University, Graduate School of Fundamental Science and Engineering Taisho University, Faculty of Human Studies, Department of Human Sciences	Research Associate Doctoral student Part-time Lecture	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A	
XU Yuting	Graduate School of Information Science and Technology, The University of Tokyo	Doctoral student	Systematic Review Team Members	N/A	N/A	Applicable person: Kaoru Amano Relationship: My supervisor	N/A	N/A	

[RQ12 Members] Is EEG a biomarker of certain emotion categories?

				Details of Self-reported Academic COI					
Name	Affiliation	Job title or grade	o title or grade Function		② I am a family or relative of another committee member.	relationship or direct employment relationship with another committee member.	BMI are offered by a company or	Not applicable to the items above, but there are events in which a conflict of interest is assumed.	
Aya Ihara	Center for Information and Neural Networks (CiNet), Advanced ICT Research Institute, National Institute of Information and Communications Technology (NICT)	Senior Researcher	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	The head of the research lab I belong to serves as an external director of a brain-tech company (since October 2022).	
Takufumi Yanagisawa	Institute for Advanced Co-Creation Studies, Osaka University	Professor	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	N/A	
Masato Ito	Graduate School of Human Sciences, Waseda University	Completed master's degree (March 2023)	Systematic Review Team Members	N/A	N/A	Applicable person: Rieko Osu Relationship: My supervisor	N/A	N/A	
Nantsugu Kaneko	Graduate School of Arts and Sciences, The University of Tokyo	Assistant Professor	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A	
XU Yuting	Graduate School of Information Science and Technology, The University of Tokyo	Doctoral student	Systematic Review Team Members	N/A	N/A	Applicable person: Kaoru Amano Relationship: My supervisor	N/A	N/A	

Appendix Members

				Details of Self-reported Academic COI					
Name	Affiliation	Job title or grade	Function	① I have cited my academic papers in systematic reviews of the social questions. However, systematic review articles summarizing the findings of this RQ are excluded.	② I am a family or relative of another committee member.	I have a close mentor-pupil relationship or direct employment relationship with another committee member.		Not applicable to the items above, but there are events in which a conflict of interest is assumed.	
Aya Ihara	Center for Information and Neural Networks (CiNet), Advanced ICT Research Institute, National Institute of Information and Communications Technology (NICT)	Senior Researcher	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	The head of the research lab I belong to serves as an external director of a brain-tech company (since October 2022).	
Akifumi Kishi	Graduate School of Medicine, The University of Tokyo	Project Lecturer	Evidence Evaluation Committee	N/A	N/A	N/A	N/A	N/A	
Seitaro Iwama	Faculty of Science and Technology, Keio University	Assistant Professor	Systematic Review Team Members	N/A	N/A	Applicable person: Junichi Ushiba Relationship: My supervisor	N/A	N/A	
Naotsugu Kaneko	Graduate School of Arts and Sciences, The University of Tokyo	Assistant Professor	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A	
Ikko Kimura	Copenhagen University Hospital - Amager and Hvidovre DRCMR	Postdoctoral associate	Systematic Review Team Members	N/A	N/A	Applicable person: Kaoru Amano Relationship: My supervisor	N/A	N/A	
Yujin Goto	School of Life Science, The Graduate University for Advanced Studies (SOKENDAI) National Institute for Physiological Science, Physiological Research Institute	Five year integrated doctoral program student Research Fellow (DC2), Japan Society for the Promotion of Science	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A	
Atsushi Sasaki	University of Miami	Research Fellow (PD), Japan Society for the Promotion of Science	Systematic Review Team Members	N/A	N/A	N/A	N/A	N/A	

Evidence Book External Review Board Members

				Details of Self-reported Academic COI					
Name	Affiliation	Job title or grade	Function	I am a family or relative of another committee member.		3. Endowed courses related to BMI are offered by a company or a for-profit corporate organization or group in the department, division, etc. at the university, national research institute, or other research institution to which I belong, or at the same company.			
Yoshikazu Ugawa	Fukushima Medical University	Emeritus Professor	Evidence Book External Review Board	N/A	N/A	N/A	N/A		
Fumihiro Uno	Dobunshoin, Inc.	Chief Executive Officer (CEO)	Evidence Book External Review Board	N/A	N/A	N/A	N/A		
Noriko Osumi	Tohoku University Tohoku University Library Tohoku University Graduate School of Medicine	Vice President Director Professor	Evidence Book External Review Board	N/A	N/A	N/A	N/A		
Toshihisa Ohtsuka	Faculty of Medicine University of Yamanashi	Professor	Evidence Book External Review Board	N/A	N/A	N/A	N/A		
Takayoshi Sugawara	Sedgefield Kobayashi and Partners Faculty of Law, Keio University	Attorney at Law Project Professor	Evidence Book External Review Board	N/A	N/A	N/A	N/A		
Takeo Nakayama	Graduate School of Medicine and Faculty of Medicine, Kyoto University	Professor Director, Ethics Support Division	Evidence Book External Review Board	N/A	N/A	N/A	N/A		
Yu Nishitsutsumi	Center for Information and Neural Networks (CiNet), Advanced ICT Research Institute, National Institute of Information and Communications Technology (NICT)	Researcher	Evidence Book External Review Board	N/A	N/A	N/A	N/A		

Systematic Review External Review Board Members

* In principle, Affiliations, positions, grades, qualifications, etc. are as of October 1, 2024, and COI details, are based on declarations as of August 31, 2024.

				Details of Self-reported Academic COI					
Name	Affiliation	Job title or grade	Function	① I am a family or relative of another committee member.	relationship with another committee member.	③ Endowed courses related to BMI are offered by a company or a forprofit corporate organization or group in the department, division, etc. at the university, national research institute, or other research institution to which I belong, or at the same company.			
Masahiro Iguchi	Neurology Clinic, Okinawa Chubu Hospital	Part-time Physician	Systematic Review External Review Board Members	N/A	N/A	N/A	N/A		
Masahito Mihara	Department of Neurology, Kawasaki Medical School	Professor	Systematic Review External Review Board Members	N/A	N/A	N/A	N/A		
Tatsuya Mima	Graduate School of Core Ethics and Frontier Sciences, Ritsumeikan University Graduate School	Professor	Systematic Review External Review Board Members	N/A	N/A	N/A	N/A		

Secretariat Members

^{*} In principle, Affiliations, positions, grades, qualifications, etc. are as of October 1, 2024, and COI details, are based on declarations as of August 31, 2024.

				Details of Self-reported Academic COI				
Name	Name Affiliation Job title or grade Fu			① I am a family or relative of another committee member.	② I have a close mentor-pupil relationship or direct employment relationship with another committee member.	BMI are offered by a company or a forprofit corporate organization	Not applicable to the items above, but there are events in which a conflict of interest is assumed.	
Yumiko Kakubari	ARAYA Inc.	Staff (Retired in March 2023)	Secretariat	N/A	N/A	N/A	N/A	
Ayumi Kusano	ARAYA Inc.	Staff (Retiring in October 2022)	Secretariat	N/A	N/A	N/A	N/A	
Harusa Tsutsumi	ARAYA Inc.	Senior Staff (Retiring in August 2024)	Secretariat	N/A	N/A	N/A	N/A	
Shiho Tenmoto	Knowledge Mobility based System Institute	Director	Secretariat	N/A	N/A	N/A	N/A	
Tomoya Nakanishi	Neuro-Cognitive Innovation Unit, NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.	Senior Consultant	Secretariat	N/A	N/A	N/A	N/A	
Seiko Fujiawara	Faculty of Science and Technology, Keio University	Part-time Clerk	Secretariat	N/A	N/A	N/A	N/A	