## Supporting Information 1. The acknowledgement categories

To classify acknowledgement sentences manually, we provided the detail of our rules in this guideline, which describes the categories with an example as well as decision aids in semantically ambiguous cases.

Categories	Descriptions	Reference sources	Example of sentences
Categories Peer interactive communication and technical support	Descriptions Acknowledge people or organizations for advising and supporting during processing research and reporting the study as a manuscript. This category represents the specific suggestions or information as well as support in the technical and analysis in the research, such as studying design and analysis tools, providing help in the use of laboratory tools, allowing use of the study area, such as land, plant, and equipment, and sample preparation. This category also covers making a discussion, comment, and assessment on the study and the report as a manuscript by reviewing, editing, proofreading, and	Reference sources McCain (1991), Cronin and Overfelt (1994), Cronin (1995), Cronin, Shaw, and La Barre (2003), Khabsa, Treeratpituk, and Giles (2012), Díaz-Faes and Bordons (2014), Rattan (2014), Gurjeet (2014)	<ul> <li>Example of sentences</li> <li>The authors appreciate the support from the Department of Economics at the University of Zurich by <i>facilitating access</i> to Qualtrics platform.</li> <li>I also thank Howard Roffwarg for <i>sharing his recollections</i> with me about the origins and early days of the ontogenetic hypothesis.</li> <li>The authors would like to thank the Analytisch Biochemisch Laboratorium (ABL), Assen, The Netherlands for <i>developing a bioanalytical method</i>, and <i>analyzing betahistine</i> in cat blood plasma.</li> <li>JT, SC, SF, BP, and MR had full <i>access to all the data</i> in the study and take responsibility for the integrity of the data and the accuracy of the <i>data analysis</i>.</li> <li>The authors gratefully acknowledge the RADAR team of DEFRA <i>for their assistance with the CTS extracts</i>.</li> <li>Thanks to A. P. Mitchell for help in <i>the interpretation of the databases</i>, and R. S. Clifton-Hadley for comments on an earlier presentation of this work.</li> <li>We appreciate the support from the Department of Economics at the University of Zurich by <i>facilitating data acquisition</i>.</li> <li>We gratefully acknowledge Feng-ming Zhang from the School of the First Clinical Medical Sciences, Wenzhou Medical University, for <i>assistance with the experiment</i> and acquiring funding.</li> <li>Special thanks to Associate Professor Trevor Norman of the Department of Psychiatry, University of Melbourne, Austin Hospital, Heidelberg, VIC, Australia for the <i>provision of equipment required for behavioral testing</i>.</li> <li>We thank Dr. Michael Nitsche for <i>assistance with developing our MEP protocol</i>.</li> <li>Manfred Herrmann for <i>providing a working space and an examination room</i>.</li> <li>Theauthors thank Dr. Takatoshi Mochizuki for his <i>technical support with the sleep scoring software</i> and for his <i>valuable suggestions</i> for this <i>manuscript</i>.</li> <li>We would like to thank the department of rehabilitation center, children's hospital of Chongqing medical university for <i>recruiting infants</i> and the in help in <i>da</i></li></ul>

	- The authors thank the Washington Department of Fish and Game for use of land
The example of	and resources for the field experiment; the USDA Agricultural Research Station
keywords and	<ul> <li>for greenhouse space.</li> <li>AC was <i>responsible for</i> statistical analyses and critically revised the manuscript.</li> </ul>
patterns in the	- AC was responsible for statistical analyses and critically revised the manuscript.
sentences.	writing the manuscript.
<u>sentences.</u>	- Author contributions LMT and KFC are the corresponding authors and were
Discussion	responsible for coordinating and editing the manuscript.
Comment	- Bi was responsible for the conception, design, data acquisition, analysis, drafting
Suggestion	and revising the article, and final approval of all versions of the article.
Advise	
Guidance	* responsible for
Early stages	
Inspired discussions	
Constructive comments	Usually, we can find this term in the "Declaration" category, but we considered the pattern
Helpful discussions	of sentence to classify. If <i>responsible for</i> is <b>followed by analysis or technical terms</b> , then
Helpful suggestions	we classified the sentence to be "Peer interactive communication and technical support".
Earlier comments	
Fruitful discussions	
Useful discussion	
Insightful discussion	
Critical comments	
Editorial	
Editing	
Editor	
Reviewer	
Anonymous reviewer	
Editorial view	
Statistical analysis	
Data analysis	
Histological analysis	
Chemical analysis	
Meta-analysis	
Image analysis	
Microarray analysis	
MS analysis	
Literature analysis	
Molecular analysis	
Gene analysis	
Genetic analysis	
Structure analysis	

	Bioinformatics analysis			
	Mass spectrometry			
	analysis DNA analysis			
	FISH analysis			
	Phylogenetic analysis			
	FALS analysis			
	molecular analysis			
	metabolite analyses			
	spatial analysis			
	proteomics analysis			
	interpreting the analysis			
	mRNA footprinting			
	analysis			
	Laboratory analysis			
	Collected data			
	sample collection			
	Data acquisition			
	Technical support			
	Technical assistant			
	Laboratory tools			
	Study design			
	Analysis tools			
	Designed analysis			
	Analysis software			
	Computer			
	Hardware			
	Server			
	Laboratory equipment			
	Allow			
	Access to			
	Privately owned			
	Land and resources			
Declaration	A declaration related to	McCain (1991),	-	The research was conducted in the absence of any commercial or financial
	conflict of interest, the	wiceani (1771),	-	relationships that could be construed as a <i>potential conflict of interest</i> .
	access to unpublished	Cronin and Overfelt	-	All authors declare that they have no conflict of interest.
	data, and copyright as	(1994),	-	The authors, Patrice Abry and Darryl Veitch, retain <i>copyright</i> of this code.
	auta, und copyright as			

peoj	l as the authority of ple and	Khabsa, Treeratpituk, and	-	The U. S. Government <i>is authorized</i> to reproduce and distribute reprints for Government purposes notwithstanding any <i>copyright</i> notation herein.
		Treeratnituk and	1	Covernment numbers and with standing only sensitive hotation have
orga		riceralpitak, and		
	anizations.	Giles (2012),	-	Ethics approval for analysis was also obtained from the Conjoint Health Research
				Ethics Board at the University of Calgary.
This	s also covers ethics	Díaz-Faes and	-	Ethics approval and consent to participate Not applicable.
appi	roval and consent	Bordons (2014),	-	The imaging data used in this article were <i>obtained from</i> the Alzheimer's Disease
with	n permission to			Neuroimaging Initiative (ADNI) database (http://adni.loni.usc.edu/); the
publ	lish the data and	Rattan (2014),		Institutional Review Board (IRB) approval documents are not generally available
-	nuscript.			through this database.
	laberipu	Gurjeet (2014)	-	Studies included within this manuscript were selected based on the quality of the
This	s category is related			work and the relevance to the topic, and this review was not meant to be all-
	noral support and			inclusive.
	acy concerns, as		-	The views, opinions, assumptions and conclusions or any other information set out
	l as a non-funds			in this article <i>are solely</i> those of the authors and not of Novartis Foundation.
	aration.		-	The <i>funders had no role</i> in study design, data collection and analysis, decision to
deci				publish, or preparation of the manuscript.
			-	Novartis <i>Foundation was not involved</i> in the establishment of this article and this
				article should not be attributed to Novartis Foundation or any person connected
NO	TE:			with Novartis Foundation.
			-	The views expressed are those of the author(s) and not necessarily those of the
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auth	nor declaration		-	The present work was performed in fulfillment of the requirements for obtaining
rese	arch-related			the degree "Dr. med."
info	ormation.		-	It is <i>currently available</i> on GitHub (github.com/NIF-au/TissueStack).
			-	The authors report <i>no disclosures</i> .
Hen	nce, <i>it is not</i> an		-	The views and opinions expressed in this manuscript are those of the author(s) and
appi	reciation expression.			do not reflect official policy or position of the Department of Defense or the U.S.
11	1			Government.
			-	Any remaining <i>error is ours</i> .
			-	Acknowledgments All authors contributed equally and are responsible for the
The	e example of			content and writing of this paper.
key	words and		-	Acknowledgments The authors were fully <i>responsible for</i> the content, editorial
patt	terns in the			decisions, and opinions expressed in this review.
sent	tences.			
			Non-fun	ds statement
Fthi	ics approval and			ACKNOWI EDGMENT The study was done as part of the M Dhil (aligned)
cons			-	ACKNOWLEDGMENT The study was done as part of the M Phil (clinical psychology) dissertation of the first author; the study was <i>non-funded</i> .
				Funding This is a <i>non-funded</i> study.
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	<ul> <li>The funding body <u>played no role in</u></li> <li>The funding organization had <u>no</u> <u>role in</u></li> <li>The funding source <u>had no involvement</u> <u>in</u></li> </ul>		
Presentation	The presentation of the study, findings, and a portion of the work including abstracts, posters, and oral presentations in conference, proceeding, or seminar.         The example of keywords and patterns in the sentences.         Presentation         Presentation         Presentation         Presentation         Presentation         Presentation         Presentation         Presentation         Present         Poster         Oral         Conference         Proceeding         Seminar         Annual         Symposium         Annual meeting         Presentcongress	To the best of our knowledge, this category is not mentioned in the previous studies. However, where we investigated the acknowledgement pattern in our raw data, the presentation statements are shown in this section.	<ul> <li>Preliminary versions of these data were published in abstract communication and poster presentation at the European Dialysis and Transplant Association (EDTA) conference, June 3–6, 2017 in Madrid, Spain.</li> <li>The abstract of this paper was presented at the American Society of Hematology annual meeting, December 6–9, 2014, San Francisco, CA, USA, as an oral presentation: http://www.bloodjournal.org/content/124/21/202.</li> <li>This research was presented at the Society for Neuroscience (SFN) Annual Meeting, San Diego, CA, USA, 9–13 November 2013.</li> <li>A preliminary analysis of the data reported in this work was presented in condensed form at the XII SIAMOC Conference and at the XVI International Congress of Parkinson's Disease and Movement Disorders.</li> <li>This work was presented as a poster abstract presentation at the Neurocritical Care Society Meeting on October 11, 2017.</li> </ul>
	This should be a simple statement regarding		

Financial	presentation at a conference. Normally, <i>it is not</i> an appreciation expression. Grant support	Cronin and Overfelt	- The authors thank the technology transfer office of the University of Geneva
	information on research. The acknowledgment and declaration of grants and scholarships received by the researcher from external or internal funding. The example of keywords and patterns in the sentences. The keywords usually	(1994), Diaz-Faes and Bordons (2014), Giles, Councill, and Gray (2004), Rattan (2014), Khabsa, Treeratpituk, and Giles (2012), Nadine, Adele, and Jen (2017),	<ul> <li>(UNITEC) for their <i>financial support</i> for the development of the technical interface to couple the gyroscope to the cochlear implant processor through the INNOGAP proof-of-concept <i>fund</i>.</li> <li>S. B. <i>was supported</i> in part by the ERC advanced <i>grant</i> 268540-PBDR.</li> <li>This work <i>was funded</i> by two NIH MIDAS grants (U01GM110712 and 5U54GM111274) and a WHO <i>grant</i> 353558 TSA 2014/485861-0.</li> <li>D. A. <i>was supported</i> by the Medical Research Council (U105260566) and Public Health England.</li> <li>We acknowledge <i>support by</i> the DFG Open Access Publication Funds of the Ruhr-University Bochum.</li> <li>The data used in this report has been collected with <i>the support of</i> a variety of <i>grants</i> and <i>salary support</i> over the years.</li> <li>Acknowledgments This work <i>was funded</i> by Zoetis.</li> <li>This research was part of a master thesis <i>funded by</i> CAPES (Coordination for the Improvement of Higher Education Personnel).</li> </ul>
ORGA SUPPO Funded Suppo Financ Person Fundi Fund i Fund b Financ Project Payme Grant Co-fur	co-occur with ORGANIZATION and SUPPORT. Funded by Supported by Financial support Personal fee Funding from Fund in part by Fund by grant from Finance by Project conduct Payment from Grant from Co-fund by Funding provided by	Gurgeet (2014), Cronin, Shaw, and La Barre (2003), Cronin (1995)	<ol> <li>Usually, we classify the sentences that consist of a "declare" term in the "Declaration" category, but for grant declaration, we classified as "Financial".</li> <li>Competing interests The author declares that he has received honoraria for advisory board and steering group meetings, lectures, and travel expenses from Abbott, Baxter, BBraun, Danone-Nutricia, Fresenius Kabi, Lyric, and Nestle-Novartis.</li> <li>Conflict of interest statement: DS declares honoraria from Bristol-Myers Squibb, Merck Serono, Sysmex, Amgen, GrÃl/anenthal Group, and Immunocore; and has received research funding from Bristol-Myers Squibb.</li> <li>GS also declare to have received support for travel to meetings for the study or other purposes from GlaxoSmithKline Biologicals SA.</li> <li>The sentences which consist the terms of "the recipient of", "fellowship", and "Fellow of", and follow by foundation organization or grant number, then we classified to "Financial", otherwise, we classified to "General statement"</li> </ol>

	Invest in Support in part by grant Funds Scholarships Agency Fellowship Financial disclosure Funding source Funding statement Received payment Salaries Personal fees Under contract To acknowledge support from		-	Nuno Henrique Franco is the recipient of a post-doctoral grant (reference <u>SFRH/BPD/85978/2012) by</u> the Portuguese Foundation for Science and Technology (FCT). CS is a EMBO Long-term fellowship holder (ALTF 587-2016). Olivier Neyrolles is a fellow of a <u>CNRS-ATIP fellowship</u> .
General acknowledgement	The authors express appreciation to people or organizations that offered encouragement during the study. This acknowledgement is not appreciation for specific assistance. Therefore, it usually mentions organizations (e.g., research center, university, and laboratory) and persons (a member of a research center, participants: interviewers, interviewees, and participants). The example of keywords and patterns in the sentences.	Cronin and Overfelt (1994), Giles, Council, and Gray (2004), Ratten (2014), Nadine, Adele, and Jen (2017), Gurjeet (2014), Cronin, Shaw, and La Barre (2003), Cronin (1995)	- - - - - -	The authors also <i>thank</i> the <i>patients and their families</i> for informed consent. Special <i>thanks to</i> Fay Horak and OHSU's Neurology Department <i>for their</i> <i>support</i> . We are <i>grateful to</i> Dong. The authors are <i>grateful to</i> all participating patients and their families. We would like to <i>acknowledge the contributions</i> of all personnel at the neurosurgical research laboratory (R2:02), Department of Clinical Neuroscience, located at Neurocentrum, Karolinska University Hospital, Stockholm, Sweden. The authors <i>thank the whole staff</i> from the Neurology, Radiodiagnostic and Nuclear Medicine departments, the certified neurologist EEG, the University Hospital of Liège and the patient. We are most <i>grateful to all physicians</i> participating in the study.

	Research center University Laboratory Lab Participants Volunteers Patients Participated Interviewerthank Intervieweethank Their familiesthank Thankcontribution		
General statement	The general statement presents the information that is not related to a study directly—for example, the person or institute name information explanation. This category is a kind of <i>unclassified</i> category.	Rattan, (2014), Gurjeet (2014)	<ul> <li>Within HSS, Tzipora <i>Kuba's</i> research management was necessary for the successful completion of this project.</li> <li>Nicolas Morin held a professional health care studentship from the Fonds de la Recherche en Santé du Québec.</li> <li>Thiago J. R. Rezende: none.</li> <li>Daniel P. Cardinali <i>is a Research Career Awardee</i> from the Argentine Research Council (CONICET) and Professor Emeritus, University of Buenos Aires.</li> <li>Vesna Jevtovic-Todorovic <i>was an</i> Established Investigator of the American Heart Association.</li> <li>CZ <i>is a</i> veski innovation fellow.</li> <li>AB <i>is a</i> KUL post-doctoral fellow.</li> </ul>
	<i>NOTE:</i> This category is the author's general statement. Hence, <i>it is</i> <i>not</i> an appreciation expression.		
	Pattern of sentence Is a (no thanks) Authors' information		