GIULIO GABRIELI

Ph.D. Candidate - Machine Learning, Artificial Intelligence, Neurophysiology, Human Behavior

@ gack94@gmail.com   @ giulio001@e.ntu.edu.sg

EDUCATION

Ph.D. in Psychology

Nanyang Technological University

📅 January 2019 – Ongoing   📍 Singapore, Singapore

School of Social Sciences (SSS)
CGPA: 4.83 / 5.0
GPA: 3.90 / 4.0

MSc in Human-Computer Interaction
University of Trento

📅 September 2016 - July 2018   📍 Trento, Italy

Department of Psychology and Cognitive Science (DIPSCO)
Department of Information Engineering and Computer Science (DISI)
GPA: 3.64 / 4.0
110/110 with honors

BSc in Interfaces and Communication Technology
University of Trento

📅 September 2013 - September 2016 📍 Trento, Italy

Department of Psychology and Cognitive Science (DIPSCO)
GPA: 3.63 / 4.0
110/110 with honors

Erasmus+
Nagasaki University

📅 October 2016 - March 2017   📍 Nagasaki, Japan

Graduate School of Biomedical Sciences

Summer Research Internship
Nanyang Technological University

📅 June 2016 - July 2016   📍 Singapore, Singapore

School of Humanities and Social Sciences

High School Diploma in Chemistry with specialization in Food Technology
I.T.I.S. G. Ferraris

📅 September 2008 - June 2013   📍 Verona, Italy

CODING

Python | Google Cloud | Javascript
C | Java | Docker | SQL | HTML
CSS | Git | PHP | Angular JS
Node JS | MATLAB | R | JQuery
LaTeX

PROFILE

LinkedIn://**giulio-gabrieli**
Instagram://**pygiulio**
Website://**giuliogabrieli.it**
GitHub://**Gabrock94**
GitLab://**gack94**
Orcid://**0000-0002-9846-5767**
Researchgate://**Giulio_Gabrieli**
Publons://**Giulio_Gabrieli**

CERTIFICATIONS

Child First Aid Provider, Standard First Aid Provider, BCLS+AED Provider
Singapore Red Cross Academy

📅 2019-2021

Human Subjects Research - Social & Behavioral Research
CITI Program

📅 2019

Child & Infant First Aid Provider Course
Singapore Red Cross Academy

📅 2019-2021

Python 3 - Medium level
SkillValue

📅 2018

EXPERIENCE

Ph.D. Candidate
Social and Affective Neuroscience Lab

📅 January 2019 - Ongoing 📍 Nanyang Technological University

Signal processing (ECG, EDA, EMG, EEG, fNIRS, fMRI, infant cry), Experimental design & Data collection, Big Data Analysis, Manuscript preparation

Intern
Affiliative Behaviour and Physiology Lab

📅 June 2015 - December 2018 📍 University of Trento

Signal processing (ECG, EDA, EMG, EEG, infant cry), Experimental design & Data collection, Manuscript preparation

Data Entry
Hellas Verona F.C. s.p.a

📅 June 2014 - December 2018 📍 Verona, Italy

IT support and digital tickets management.

Research assistant
Affiliative Behaviour and Physiology Lab

📅 June 2018 - September 2018 📍 University of Trento

Data analysis, manuscript preparation, speaker at scientific meetings.

Scientific Meeting Organization
University of Trento

📅 June 2017 - August 2017 📍 University of Trento

Website design and IT support for 13th International Infant Cry Workshop.

TEACHING EXPERIENCE

Teaching Assistant
HP2700: Abnormal Psychology

📅 2020-2021 📍 Nanyang Technological University, Singapore

Teaching Assistant
HP4222-7237: The Neuroscience of Love

📅 2019-2020 📍 Nanyang Technological University, Singapore

Teaching Assistant
HP4021: Laboratory in Human and Animal Neuroscience

📅 2019-2020 📍 Nanyang Technological University, Singapore

VOLUNTEER WORK

Ambassador
GitKraken

Volunteer
Linux App Summit 2021

Translator
Raspberry Pi Foundation

Ambassador
Researcher App

Volunteer
Linux App Summit 2020

AWARDS

1st place
UX Challenge

📅 1-2 December 2017 📍 Trento, Italy

Merit Award 2018
University of Trento

📅 2018 📍 Trento, Italy

OTHER POSITIONS

Vice-President
School of Social Sciences' Graduate Student Club, 5th Committee

📅 2021 - Ongoing 📍 Singapore, Singapore

Vice-President
School of Social Sciences' Graduate Student Club, 4th Committee

📅 2020 - 2021 📍 Singapore, Singapore

Data Protection Officer
School of Social Sciences' Graduate Student Club, 4th Committee

📅 2020 - Ongoing 📍 Singapore, Singapore

Vice-President
School of Social Sciences' Graduate Student Club, 3th Committee

📅 2019 - 2020 📍 Singapore, Singapore

PUBLICATIONS

2021

- **Gabrieli**, G., Lim, Y. Y., & Esposito, G. (2021a). Influences of social distancing and attachment styles on the strength of the halo effect. *PloS one*, *16*(8), e0256364. https://doi.org/10.1371/journal.pone.0256364.

- Carollo, A., Bonassi, A., Lim, M., **Gabrieli**, G., Setoh, P., Dimitriou, D., Aryadoust, V., & Esposito, G. (2021). Developmental disabilities across the world: A scientometric review from 1936 to 2020. *Research in Developmental Disabilities*, *117*, 104031. https://doi.org/10.1016/j.ridd.2021.104031.

- **Gabrieli**, G., Ng, S., & Esposito, G. (2021a). Hacking trust: The presence of faces on automated teller machines (atms) affects trustworthiness. *Behavioral Sciences*, *11*(6), 91. https://doi.org/10.3390/bs110600915.

- Ng, X., Ng, L. Y., **Gabrieli**, G., Azhari, A., Neoh, M. J. Y., & Esposito, G. (2021). An fnirs investigation of masculinity, femininity and sex on nonparents' empathic response to infant cries. *Brain Sciences*, *11*(5), 635. https://doi.org/10.3390/brainsci11050635.

- **Gabrieli**, G., Low, W. Y. G., Carollo, A., & Esposito, G. (2021). Campaign trail cliche: An analysis of u.s. politicians photo-taking behavior with children. *PsyArXiv*. https://psyarxiv.com/kg6xw/.

- Bonassi, A., Ghilardi, T., **Gabrieli**, G., Truzzi, A., Borelli, J. L., Lepri, B., Shinohara, K., Esposito, G., et al. (2021). The recognition of cross-cultural emotional faces is affected by intensity and ethnicity in a japanese sample. *Behavioral Sciences*, *11*(5), 59. https://www.mdpi.com/2076-328X/11/5/59.

- Bizzego, A., **Gabrieli**, G., & Esposito, G. (2021). Deep neural networks and transfer learning on a multivariate physiological signal dataset. *Bioengineering*, *8*(3), 35. https://doi.org/10.3390/bioengineering8030035.

- **Gabrieli**, G., Lee, A., Setoh, P., & Esposito, G. (2021). An analysis of the generalizability and stability of the halo effect during the covid-19 pandemic outbreak. *Frontiers in Psychology*. https://doi.org/10.3389/fpsyg.2021.631871.

- Bizzego, A., **Gabrieli**, G., Azhari, A., Setoh, P., & Esposito, G. (2021). Computational methods for the assessment of empathic synchrony. *Progresses in artificial intelligence and neural systems* (pp. 555–564). Springer.

- Bizzego, A., **Gabrieli**, G., Bornstein, M. H., Deater-Deckard, K., Lansford, J. E., Bradley, R. H., Costa, M., & Esposito, G. (2021). Predictors of contemporary under-5 child mortality in low- and middle-income countries: A machine learning approach. *International Journal of Environmental Research and Public Health*, *18*(3). https://doi.org/10.3390/ijerph18031315.

2020

- Bonassi, A., Cataldo, I., **Gabrieli**, G., Foo, J. N., Lepri, B., & Esposito, G. (2020). Oxytocin receptor gene polymorphisms and early parental bonding interact in shaping instagram social behavior. *International Journal of Environmental Research and Public Health*, *17*(19), 7232. https://doi.org/10.3390/ijerph17197232.

- Bizzego, A., Azhari, A., Campostrini, N., Truzzi, A., Ng, L. Y., **Gabrieli**, G., Bornstein, M. H., Setoh, P., & Esposito, G. (2020). Strangers, friends, and lovers show different physiological synchrony in different emotional states. *Behavioral Sciences*, *10*(1), 11. https://doi.org/10.3390/bs10010011.

- **Gabrieli**, G., Bornstein, M. H., Manian, N., & Esposito, G. (2020). Assessing mothers' post-partum depression from their infants' cry vocalizations. *Behavioral Sciences*, *10*(2), 55. https://doi.org/10.3390/bs10020055.

- Azhari, A., **Gabrieli**, G., Bizzego, A., Bornstein, M. H., & Esposito, G. (2020a). Maternal anxious attachment style is associated with reduced mother-child brain-to-brain synchrony. *bioRxiv*. https://doi.org/10.1101/2020.01.23.917641.

- Bonassi, A., Cataldo, I., **Gabrieli**, G., Tandiono, M., Foo, J. N., Lepri, B., & Esposito, G. (2020). The interaction between serotonin transporter allelic variation and maternal care modulates sociability on instagram. *PsyArXiv*. https://doi.org/10.31234/osf.io/dkvnf.

- Azhari, A., Lim, M., Bizzego, A., **Gabrieli**, G., Bornstein, M. H., & Esposito, G. (2020a). Physical presence of spouse enhances brain-to-brain synchrony in co-parenting couples. *Scientific Reports*, *10*(1), 1–11. https://doi.org/10.1038/s41598-020-63596-2.

- Azhari, A., Wong, A. W. T., Lim, M., Balagtas, J. P. M., **Gabrieli**, G., Setoh, P., & Esposito, G. (2020). Parents' past bonding experience with their parents interacts with current parenting stress to influence the quality of interaction with their child. *Behavioral Sciences*, *10*(7), 114. https://doi.org/10.3390/bs10070114.

- Durnford, J. R., Balagtas, J. P. M., Azhari, A., Lim, M., **Gabrieli**, G., Bizzego, A., & Esposito, G. (2020). Presence of parent, gender and emotional valence influences preschoolers' pfc processing of video stimuli. *Early Child Development and Care*, 1–11. https://doi.org/10.1080/03004430.2020.1832997.

- Bizzego, A., Lim, M., Schiavon, G., Setoh, P., **Gabrieli**, G., Dimitriou, D., & Esposito, G. (2020). Child disability and caregiving in low and middle income countries: Big data approach on open data. *Research in Developmental Disabilities*, *107*, 103795. https://doi.org/10.1016/j.ridd.2020.103795.

- Bizzego, A., **Gabrieli**, G., Furlanello, C., & Esposito, G. (2020). Comparison of wearable and clinical devices for acquisition of peripheral nervous system signals. *Sensors*, *20*(23), 6778. https://doi.org/10.3390/s20236778.
- Carollo, A., Bonassi, A., Cataldo, I., **Gabrieli**, G., Tandiono, M., Foo, J. N., Lepri, B., & Esposito, G. (2020). The relation between oxytocin receptor gene polymorphisms, adult attachment and instagram sociability: An exploratory analysis. *PsyArXiv*. https://doi.org/10.31234/osf.io/yc538.
- Azhari, A., Lim, M., Bizzego, A., **Gabrieli**, G., Bornstein, M. H., & Esposito, G. (2020b). Physical presence of spouse enhances brain-to-brain synchrony in co-parenting couples. *Scientific Reports (Nature Publisher Group)*, *10*(1). https://doi.org/10.1038/s41598-020-63596-2.
- **Gabrieli**, G., Balagtas, J. P. M., Esposito, G., & Setoh, P. (2020). A machine learning approach for the automatic estimation of fixation-time data signals' quality. *Sensors*, *20*(23), 6775. https://doi.org/10.3390/s20236775.
- Carollo, A., Bizzego, A., **Gabrieli**, G., Wong, K. K.-Y., Raine, A., & Esposito, G. (2020). I'm alone but not lonely. u-shaped pattern of perceived loneliness during the covid-19 pandemic in the uk and greece. *medRxiv*. https://doi.org/10.1101/2020.11.26.20239103.
- Azhari, A., **Gabrieli**, G., Bizzego, A., Bornstein, M. H., & Esposito, G. (2020b). Probing the association between maternal anxious attachment style and mother-child brain-to-brain coupling during passive co-viewing of visual stimuli. *Attachment & human development*, 1–16. https://doi.org/10.1080/14616734.2020.1840790.
- **Gabrieli**, G., Azhari, A., & Esposito, G. (2020). Pysiology: A python package for physiological feature extraction. *Neural approaches to dynamics of signal exchanges* (pp. 395–402). Springer.

2019
- **Gabrieli**, G., Leck, W. Q., Bizzego, A., & Esposito, G. Are praat's default settings optimal for infant cry analysis? In: *Proceedings of the linux audio conference*. 2019.
- Bizzego, A., Battisti, A., **Gabrieli**, G., Esposito, G., & Furlanello, C. (2019). Pyphysio: A physiological signal processing library for data science approaches in physiology. *SoftwareX*, *10*, 100287. https://doi.org/10.1016/j.softx.2019.100287.
- Azhari, A., Leck, W., **Gabrieli**, G., Bizzego, A., Rigo, P., Setoh, P., Bornstein, M., & Esposito, G. (2019). Parenting stress undermines mother-child brain-to-brain synchrony: A hyperscanning study. *Scientific reports*, *9*(1), 1–9. https://doi.org/10.1038/s41598-019-47810-4.
- **Gabrieli**, G., Scapin, G., Bornstein, M. H., & Esposito, G. (2019). Are cry studies replicable? an analysis of participants, procedures, and methods adopted and reported in studies of infant cries. *Acoustics*, *1*(4), 866–883. https://doi.org/10.3390/acoustics1040052.
- Venturoso, L., **Gabrieli**, G., Truzzi, A., Azhari, A., Setoh, P., Bornstein, M. H., & Esposito, G. (2019). Effects of baby schema and mere exposure on explicit and implicit face processing. *Frontiers in Psychology*, *10*, 2649. https://doi.org/10.3389/fpsyg.2019.02649.
- **Gabrieli**, G., Bornstein, M. H., & Esposito, G. (2019). Using users' physiological responses for the estimation of websites' aesthetic judgments. *PsyArXiv*. https://doi.org/10.31234/osf.io/cwfx5.

2018
- Esposito, G., Venuti, P., Iandolo, G., de Falco, S., **Gabrieli**, G., Wei, C., & Bornstein, M. H. (2018). Microgenesis of typical storytelling. *Early Child Development and Care*, 1–11. https://doi.org/10.1080/03004430.2018.1554653.

TALKS AND POSTERS

2021
- **Gabrieli**, G., Ng, S., & Esposito, G. (2021b). *Effects of the aesthetic appearance of human faces on the perceived trustworthiness of automated teller machines (atms)*. XXVI Conference of the International Association of Empirical Aesthetics, Virtual.
- **Gabrieli**, G., & Esposito, G. (2021a). *Age but not gender and ethnicity of presented faces influence the strength of the halo effect (aesthetics x trustworthiness)*. XXVI Conference of the International Association of Empirical Aesthetics, Virtual.
- Esposito, G., **Gabrieli**, G., Carollo, A., Bizzego, A., & Killam, K. (2021). *Lockdown impacts metal health: Greece and uk*. UCL Global COVID Study summer webinar series, Virtual.
- **Gabrieli**, G., Lim, Y. Y., & Esposito, G. (2021b). *Effects of social distancing on the strength halo effect: Does attachment style matter?* 5th international conference of the European Society for Cognitive and Affective Neuroscience (ESCAN), Virtual.

- Ng, X., **Gabrieli**, G., Azhari, A., Neoh, M. J. Y., & Esposito, G. (2021). *Baby don't cry. measuring the empathetic response towards infant cries in a singaporean context*. 5th international conference of the European Society for Cognitive and Affective Neuroscience (ESCAN), Virtual.
- Bizzego, A., Lim, M., Schiavon, G., Setoh, P., **Gabrieli**, G., Dimitriou, D., & Esposito, G. (2021). *Parenting and child disability in low- and middle-income countries: Data-driven approaches on open big data*. Society for Research in Child Development Biennial Meeting, Virtual.
- **Gabrieli**, G., Bornstein, M. H., Manian, N., & Esposito, G. (2021). *Using infants' cry vocalizations to assess post-partum depression in their mothers*. Society for Research in Child Development Biennial Meeting, Virtual.
- **Gabrieli**, G. (2021). *Statistical tests, p values, confidence intervals, and power: A guide to misinterpretations*. Singapore ReproducibiliTea, Singapore, Singapore.
- Carollo, A., Bizzego, A., **Gabrieli**, G., Wong, K. K. Y., Raine, A., & Esposito, G. (2021). *Perceived loneliness and lockdown duration: Using artificial intelligence to uncover patterns in covid-19 data*. President's Forum on Southeast and South Asia and Taiwan Universities, Virtual.
- Carollo, A., Bonassi, A., Cataldo, I., **Gabrieli**, G., Lepri, B., & Esposito, G. (2021). *The effect of avoidant attachment with the partner on the number of followed users on instagram: A gxe study*. European Conference on Digital Psychology, Milan, Italy.

2020

- Carollo, A., Bizzego, A., **Gabrieli**, G., Wong, K., Raine, A., & Esposito, G. (2020). *I'm alone but not lonely: Investigating the u-shaped pattern of perceived loneliness during the covid-19 pandemic in the united kingdom and greece*. Society of Behavioural Health Virtual Scientific Meeting, Virtual.
- **Gabrieli**, G. (2020). *An analysis of the generalizability and stability of the halo effect*. School of Social Sciences - Graduate Students Club's Brownbag Seminar, Singapore, Singapore.
- Bonassi, A., Cataldo, I., **Gabrieli**, G., Nee Foo, J., Lepri, B., & Esposito, G. (2020). *Serotonin transporter gene polymorphisms and confidence in adult relationships affect the number of followed people on instagram*. 33rd Congress of the European College of Neuropsychopharmacology, Virtual.
- Caruso, A., **Gabrieli**, G., Fulceri, F., Micai, M., Esposito, G., Network, N., & Scattoni, M. (2020). *Acoustic features of cry from birth as early markers of neurodevelopmental disorders*. Behavioural Measures of Language Acquisition and language processing in typical and atypical populations, Venice, Italy.
- Bonassi, A., Cataldo, I., **Gabrieli**, G., Lepri, B., & Esposito, G. (2020). *Genetic predispositions and early parent-child relationship are related to instagram behaviour*. Cognitive Science Arena (CSA), Brixen, Italy.
- Gobbi, P., Bonassi, A., Cataldo, I., **Gabrieli**, G., Lepri, B., & Esposito, G. (2020). *Exploring sociable attitudes in facebook: A gene-environment investigation*. Cognitive Science Arena (CSA), Brixen, Italy.

2019

- Bizzego, A., **Gabrieli**, G., Bornstein, M. H., Deater-Deckard, K., Putnick, D. L., Lansford, J. E., Bradley, R. H., Costa, M., & Esposito, G. (2019). *Child mortality in low- and middle-income countries: A transdisciplinary study using artificial intelligence*. 3rd International Developmental Pediatrics Association Congress - Transdisciplinary interventions: Idea in Action, Manila, Philippines.
- Bonassi, A., Cataldo, I., **Gabrieli**, G., Lepri, B., & Esposito, G. (2019). *Genetic factors and early parent-infant interactions shape instagram users' social behaviour*. Federation of European Neuroscience Societies (FENS) Hertie Winter School, Obergurgl, Austria.
- Kamburova, H., Kumar, R., Gao, F., & **Gabrieli**, G. (2019). *Open access in the asia-pacific countries: A q&a with academics*. Researcher App Webinair.
- Goh, G., S. N. **Gabrieli**, & Koh, W. (2019). *Open data and materials*. Singapore ReproducibiliTea, Singapore, Singapore.
- **Gabrieli**, G. (2019a). *Reproducibility now: Why many studies are not reproducible?* Singapore ReproducibiliTea, Singapore, Singapore.
- **Gabrieli**, G. (2019b). *Using artificial intelligence to fight child mortality*. Healthcare Tech - La Kopi @ Google Developer Space, Singapore, Singapore.
- Bizzego, A., **Gabrieli**, G., Azhari, A., Setoh, P., & Esposito, G. (2019). *Computational methods for the assessment of empathic synchrony*. Italian Workshop on Neural Networks (WIRN), Vietri sul Mare, Italy.
- Azhari, A., Leck, W. Q., **Gabrieli**, G., Bizzego, A., Rigo, P., Setoh, P., Bornstein, M. H., & Esposito, G. (2019). *Parenting stress undermines mother-child interbrain synchrony*. Social & Affective Neuroscience Society (SANS), Miami, United States.
- **Gabrieli**, G. (2019c). *Predicting child mortality in low- and middle-income countries: A big data approach*. "3 Minute Thesis" Competition, Singapore, Singapore.
- **Gabrieli**, G., Leck, W. Q., Bizzego, A., & Esposito, G. (2019b). *Are praat's default settings optimal for infant cry analysis?* Linux Audio Conference, Stanford, United States.

- Qing, L. W., Azhari, A., Bizzego, A., **Gabrieli**, G., & Esposito, G. (2019). *Mother-child brain synchrony: A unique dyadic coupling*. International Symposium on Cognition and Neuroscience (ISCN), Singapore, Singapore.

2018
- **Gabrieli**, G., Truzzi, A., Rigo, P., Onnis, L., & Esposito, G. (2018). *Promoting empathy with rhymes: Effects of poetry exposure on physiological arousal and empathic trait*. European Society for Cognitive and Affective Neuroscience (ESCAN), Leiden, The Netherlands.
- **Gabrieli**, G., Azhari, A., & Esposito, G. (2018). *Pysiology: A python package for physiological feature extraction*. Italian Workshop on Neural Networks (WIRN), Vietri sul Mare, Italy.
- **Gabrieli**, G., & Esposito, G. (2018a). *Neuroaesthetics and web design: How expertise shapes our perception of web pages*. Concepts, Actions and Objects (CAOS), Rovereto, Italy.
- Venturoso, L., **Gabrieli**, G., Truzzi, A., & Esposito, G. (2018). *"isn't it lovely?": Gender differences in response to babies and adults faces of different ethnic groups*. Concepts, Actions and Objects (CAOS), Rovereto, Italy.
- **Gabrieli**, G., Esposito, G., Setoh, P., Vil, S., & Truzzi, A. (2018a). *Love patterns: A machine learning approach to the study of individuals' perception of romantic interactions in ongoing and past relationships*. Consortium of European Research on Emotion, Glasgow, Scotland.
- **Gabrieli**, G., Esposito, G., Setoh, P., Vil, S., & Truzzi, A. (2018b). *A machine learning approach to the study of individuals' perception of romantic relationships*. Cognitive Scienc e Arena (CSA), Brixen, Italy.
- Ghilardi, T., Bonassi, A., **Gabrieli**, G., Doi, H., Shinohara, K., & Esposito, G. (2018). *The influence of ethnicity in the recognition ability of emotional faces and voices*. Cognitive Scienc e Arena (CSA), Brixen, Italy.
- **Gabrieli**, G., & Esposito, G. (2018b). *Neuroaesthetic of websites: Evaluating the impact of expertise and exposure to website on aesthetic judgment*. International Association of Empirical Aesthetics Congress (IAEA), Toronto, Canada.

2017
- **Gabrieli**, G., Scapin, G., Panzariello, S., & Esposito, G. (2017). *Analysis of available methods for fundamental frequency estimation applied to the infant cry*. 13th International Infant Cry Workshop, Rovereto, Italy.
- **Gabrieli**, G. (2017). *Bci 101 - introduction to brain computer interfaces*. 13th Speck and Tech, Trento, Italy.
- **Gabrieli**, G., Lim, M., Bolcato, C., Truzzi, A., Rigo, P., Onnis, L., & Esposito, G. (2017). *Reading poetry increases adults' empathetic traits and moderated physiological arousal*. Social and affective Neuroscience Society (SANS), Los Angeles, United States.

2016
- **Gabrieli**, G. (2016). *The dynamics of love*, Singapore, Singapore.

GRANTS

- Singapore's National Super Computing Centre January 2020 Cycle, Project: *Computational study of Child Development in Low Resource Contexts* (Project ID: 12001609)

THESIS

- **Gabrieli G.**, Esposito G. (2018), Using users' physiological response to predict aesthetic experience of websites, Master Degree in Human-Computer Interaction, University of Trento (Italy) [PDF@UNITN]
- **Gabrieli G.**, Esposito G. (2016), Development of a Web platform for graphical data collection and analysis, Bachelor Degree in Interfaces and Communication Technology, University of Trento (Italy)

To get access to the above works, please contact me.

SOFTWARE AND TOOLS

- **Pysiology** - A Python package for physyological's signals processing [GitHub] [PyPI] [Documentation]
- **PrettyWebsite** - Websites' aesthetic analysis in Python [GitHub] [PyPI] [Documentation]
- **FNIRSQC** - fNIRS Quality Control using Deep Learning Platform [Website]
- **bfp**: a simple template to develop PWA with Firebase and Bootstrap. [GitHub]
- **pyEasyTrend** - The simplest way to perform trend analysis in Python [GitHub] [PyPI] [Documentation]

DATASETS

2021

- **Gabrieli**, G., & Esposito, G. (2021b). *Replication data for: Halo and priming*. DR-NTU (Data). https://doi.org/10.21979/N9/2AMLSN.
- **Gabrieli**, G., & Esposito, G. (2021c). *Replication data for: The presence of faces on automated teller machines (atms) affects trustworthiness*. DR-NTU (Data). https://doi.org/10.21979/N9/WOGMQ6.

2020

- **Gabrieli**, G., Esposito, G., Goh, R., & Gualco, C. (2020). *Influence of gender, ethnicity and age on the strenght of the halo effect (aesthetics x trustworthiness) (v. 2)*. DR-NTU (Data). https://doi.org/10.21979/N9/5IIVOM.
- Bizzego, A., Carollo, A., **Gabrieli**, G., Wong, K. K.-Y., Raine, A., & Esposito, G. (2020). *I'm alone but not lonely. U-shaped pattern of perceived loneliness during the COVID-19 pandemic in the UK and Greece*. UCL Data Repository. https://doi.org/10.5522/04/13251893.v1.
- **Gabrieli**, G., & Esposito, G. (2020). *The Dynamics of Love, 2019*. UNC Dataverse. https://doi.org/10.15139/S3/SLGEAS.
- **Gabrieli**, G., Zhang, L., & Setoh, P. (2020). *Related Data for: A Machine Learning Approach For The Automatic Estimation Of Fixation-Time Data Signals' Quality*. DR-NTU (Data). https://doi.org/10.21979/N9/0FU9ZG.
- **Gabrieli**, G., Bonassi, A., Carollo, A., & Esposito, G. (2020). *Related Data for: Association between Oxytocin Receptor Gene polymorphisms and number of followed people on Instagram: an exploratory analysis*. DR-NTU (Data). https://doi.org/10.21979/N9/GUSTLQ.
- Azhari, A., **Gabrieli**, G., & Esposito, G. (2020). *Parent-Infant Sync: Play and Video*. DR-NTU (Data). https://doi.org/10.21979/N9/R7D1UP.
- Esposito, G., **Gabrieli**, G., & Bizzego, A. (2020). *Replication Data for: Strangers, friends, and lovers show specific physiological synchronies in different emotional contexts*, DR-NTU (Data). https://doi.org/10.21979/N9/O9ADTR.
- Bonassi, A., **Gabrieli**, G., & Esposito, G. (2020). *Related Data for Serotonin transporter gene polymorphisms and confidence in adult relationships affect the number of followed people on Instagram*. DR-NTU (Data). https://doi.org/10.21979/N9/Z15IJ0.
- Azhari, A., **Gabrieli**, G., Setoh, P. P., & Esposito, G. (2020). *Related data for: Parents' past bonding experience with their parents interacts with current parenting stress to influence quality of interaction with their child*. DR-NTU (Data). https://doi.org/10.21979/N9/IZQPBI.
- **Gabrieli**, G., Goh, R. Y. L., Carollo, A., & Esposito, G. (2020). *Replication Data for: Politicians and babies (NYT)*. DR-NTU (Data). https://doi.org/10.21979/N9/VQBCUD.
- **Gabrieli**, G., Esposito, G., & Bonassi, A. (2020). *Related Data for: The interaction between serotonin transporter allelic variation and maternal care modulates sociability on Instagram*. DR-NTU (Data). https://doi.org/10.21979/N9/XIVRWS.

2019

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PEER REVIEWING

- Research in Developmental Disabilities (7)
- Behavior Research Methods (2)
- Infant Behavior and Development (2)
- Scientific Data (1)
- Smart Innovation, Systems and Technologies (1)
- Frontiers in Psychology (1)
- Swiss National Science Foundation (1)

NON-FORMAL EDUCATION

NIRx Virtual fNIRs Training Course
NIRx
📅 January 25 - February 5 2021   📍 Online

HTML5 Game Development with Phaser
Linkedin Learn
📅 November 2020   📍 Online

Cloud OnBoard: GCP Fundamentals Series
Google Cloud
📅 24–26 March 2020   📍 Online

MATLAB Onramp
MathWorks
📅 January 2019   📍 Online

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