Alessandro Moscatelli

Personal Information

Date of Birth: 23/10/1981
Nationality: Italian
Address (Work): Via Montpellier, 1 00133 Rome (Italy)
E-mail 1: alessandro.moscatelli@uniroma2.it
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ResearcherID: L-1391-2018

Research Interests

Haptics, Human Perception, Motor Control in Hand Grasping and Reaching, Statistical Modelling

Education and Training

Università degli Studi di Roma "Tor Vergata"

Ph.D. Neuroscience, November 2011
Dissertation: "Behavioral Studies on the Perception of Time"
Advisor: Prof. Francesco Lacquaniti

Postgraduate Master in Biostatistics, September 2009
Dissertation: "Mixed Models in Psychophysics: Estimates from Bootstrap and Delta Methods"
Advisor: Prof. Maura Mezzetti
Grade: 110/110 cum laude

Medical Doctor degree, July 2006
Dissertation: "Neural Basis of the Perception of Gravity Acceleration: An fMRI Study "
Advisors: Prof. Francesco Lacquaniti
Co-advisor: Dr. William L. Miller
Grade: 110/110 cum laude

Academic Experience

November 2019 - Present
Tenure Track researcher (RTD-B), Department of Systems Medicine, Università degli Studi di Roma "Tor Vergata", Rome, Italy.

October 2017 - November 2019
Fixed-term researcher (RTD-A), Department of Systems Medicine, Università degli Studi di Roma "Tor Vergata", Rome, Italy.

June 2018 - Present
Board Member of the EuroHaptics Society

October 2015 - September 2017
Post Doc (Assegnista di Ricerca), Department of Systems Medicine and Centre of Space Biomedicine, Università degli Studi di Roma "Tor Vergata", Rome, Italy.
Supervisor: Prof. Francesco Lacquaniti

October 2011 - September 2015
Post Doc (Wissenschaftlicher Beschäftigter), Department of Cognitive Neuroscience and Cognitive Interaction Technology–Centre of Excellence, Bielefeld University, Bielefeld, Germany.
Supervisor: Prof. Marc O. Ernst

January 2011 - December 2011
Post Doc (Assegnista di Ricerca), Department of Neuroscience and Centre of Space Biomedicine, Università degli Studi di Roma "Tor Vergata", Rome, Italy.

Supervisor: Prof. Francesco Lacquaniti

January 2007 - December 2007
Fellowship, Laboratory of Neuromotor Physiology,
IRCSS Fondazione Santa Lucia, Rome, Italy.
Supervisor: Prof. Francesco Lacquaniti

Honors and Awards

2018 Italian Habilitation as Professor of General Psychology

2017 Italian Habilitation as Professor of Physiology

Best Paper Awards (Poster Presentation), Eurohaptics, 2014

Award "Sebastiano e Rita Raeli" for outstanding proficiency in studies, M.D., 2007

Scholarship (M.D.), 2000-2006

Membership of Scientific Societies

EuroHaptics Society **2014–Today**
From 2018 *Member of the Executive Committee*

Istituto di Robotica e Macchine Intelligenti (I-RIM) **2019–Today**

Association for Computing Machinery (ACM) **2020–Today**

The American Physiological Society (APS) **2015**

Research Grants

January 2021 - June 2022
Principal Invetigator in project "MOPED: Multisensory mOtion PErception" and pathological changes in Diabetes. University of Rome Tor Vergata (Rome, Italy), research program "Beyond Borders".

February, 2020 - July 2023
Unit coordinator in PRIN project "TIGHT: Tactile InteGration for Humans and arTificial systems". Ministero dellIstruzione, dell'Universit e della Ricerca (Rome, Italy). GRANT NUMBER: 2017SB48FP

October, 2017 - 2019
Research Agreement with *Facebook Reality Lab (Facebook, Inc.)*. The research project has a duration of 2+1 years. In collaboration with Centro Piaggio, University of Pisa. Role of Principal Investigator for the unit IRCCS Santa Lucia Foundation.

March, 2013 - November, 2017
Co-investigator in European project "WEARHAP WEARable HAPtics for humans and robots". The project has received funding from the European Union Seventh Framework Programme FP7/2007-2013 under grant agreement 601165. Information and Communication Technologies, Collaborative Large-scale integrating project (IP), FP7-ICT-2011-9-2.1: Cognitive Systems and Robotics. Coordinator: Prof. Domenico Prattichizzo

October, 2011 - June, 2014
Co-investigator in European Project "THE - The Hand Embodied". A project supported by the European Commission under the 7th Framework Programme Large-scale integrating project Information and Communication Technologies ICT Supported by the ICT Programme Cognitive Systems and Robotics. Coordinator: Prof. Antonio Bicchi

Consulting Activities

October, 2011 - July, 2012
Scientific Advisor at the European Central Bank (ECB), in collaboration with Prof. Marc O. Ernst

and Dr. Myrthe Plaisier. Contact: Susanne Paleczek, E-mail: susanne.paleczek@oebs.co.at.

Scientific Collaborations

Dipartimento di Fisiologia Neuromotoria, IRCSS Fondazione Santa Lucia, Roma (Prof. F. Lacquaniti)

Centro E. Piaggio, Università degli Studi di Pisa, Pisa, Italia (Prof. A. Bicchi and Prof. M. Bianchi)

Department of Applied Cognitive Psychology, Ulm University, Ulm, Germany (Prof. MO Ernst)

Institut des Systèmes Intelligents et de Robotique, Sorbonne Universités, Parigi, Francia (Prof. V. Hayward)

Peer Reviewed Publications

Ciotti S., Bianchi M., Doria D., Lacquaniti F., Moscatelli A. (2022) HaptiTrack: A Novel Device for the Evaluation of Tactile Sensitivity in Active and in Passive Tasks. In: Torricelli D., Akay M., Pons J.L. (eds) Converging Clinical and Engineering Research on Neurorehabilitation IV. ICNR 2020. Biosystems and Biorobotics, vol 28. Springer, Cham.

Ryan CP, Bettelani GC, Ciotti S, Parise C, Moscatelli A, Bianchi M. The interaction between motion and texture in the sense of touch. J Neurophysiol. 2021 Oct 1;126(4):1375-1390. doi: 10.1152/jn.00583.2020. Epub 2021 Sep 8. PMID: 34495782.

G. C. Bettelani, S. Fani, A. Moscatelli, P. Salaris and M. Bianchi, "Controlling Hand Movements Relying on Tactile Illusions: A Model Predictive Control Framework," 2021 IEEE World Haptics Conference (WHC), 2021, pp. 985-990, doi: 10.1109/WHC49131.2021.9517188.

S. Ciotti, C. P. Ryan, M. Bianchi, F. Lacquaniti and A. Moscatelli, "A Novel Device Decoupling Tactile Slip and Hand Motion in Reaching Tasks: The HaptiTrack Device," in IEEE Transactions on Haptics, vol. 14, no. 2, pp. 248-253, 1 April-June 2021, doi: 10.1109/TOH.2021.3075024.

Moscatelli A, Nimbi FM, Ciotti S, Jannini EA. Haptic and Somesthetic Communication in Sexual Medicine. Sex Med Rev. 2021 Apr;9(2):267-279. doi: 10.1016/j.sxmr.2020.02.003. Epub 2020 Jul 18. PMID: 32690471.

Scotto CR, Moscatelli A, Pfeiffer T, Ernst MO. Visual pursuit biases tactile velocity perception. J Neurophysiol. 2021 Aug 1;126(2):540-549. doi: 10.1152/jn.00541.2020. Epub 2021 Jul 14. PMID: 34259048.

Naceri A, Gultekin YB, Moscatelli A, Ernst MO. Role of Tactile Noise in the Control of Digit Normal Force. Front Psychol. 2021 Feb 12;12:612558. doi: 10.3389/fpsyg.2021.612558. PMID: 33643139; PMCID: PMC7907510.

Balestrucci P, Maffei V, Lacquaniti F, Moscatelli A. The Effects of Visual Parabolic Motion on the Subjective Vertical and on Interception. Neuroscience. 2021 Jan 15;453:124-137. doi: 10.1016/j.neuroscience. Epub 2020 Oct 1. PMID: 33010347.

Stampanoni Bassi M, Gilio L, Iezzi E, Moscatelli A, Pekmezovic T, Drulovic J, Furlan R, Finardi A, Mandolesi G, Musella A, Galifi G, Fantozzi R, Bellantonio P, Storto M, Centonze D, Buttari F. Age at Disease Onset Associates With Oxidative Stress, Neuroinflammation, and Impaired Synaptic Plasticity in Relapsing-Remitting Multiple Sclerosis. Front Aging Neurosci. 2021 Sep 10;13:694651. doi: 10.3389/fnagi.2021.694651. PMID: 34566620; PMCID: PMC8461180.

Mandolesi G, Rizzo FR, Balletta S, Stampanoni Bassi M, Gilio L, Guadalupi L, Nencini M, Moscatelli A, Ryan CP, Licursi V, Dolcetti E, Musella A, Gentile A, Fresegna D, Bullitta S, Caioli S, Vanni V, Sanna K, Bruno A, Buttari F, Castelli C, Presutti C, De Santa F, Finardi A, Furlan R, Centonze D, De Vito F. The microRNA let-7b-5p Is Negatively Associated with Inflammation and Disease

Severity in Multiple Sclerosis. Cells. 2021 Feb 5;10(2):330. doi: 10.3390/cells10020330. PMID: 33562569; PMCID: PMC7915741.

Bettelani, G. C., **Moscatelli, A.** , Bianchi, M. (2020). On the Role of Lateral Force in Texture-Induced Motion Bias During Reaching Tasks. IEEE Transactions on Haptics (ePub ahead of print).

Moscatelli, A., Scotto, C. R., Ernst, M. O. (2019). Illusory changes in the perceived speed of motion derived from proprioception and touch. Journal of neurophysiology, 122(4), 1555-1565.

Bettelani, G. C., **Moscatelli, A.**, Bianchi, M. (2019, July). Contact with Sliding over a Rotating Ridged Surface: the Turntable Illusion. In 2019 IEEE World Haptics Conference (WHC) (pp. 562-567). IEEE.

Moscatelli, A., La Scaleia, B., Zago, M., Lacquaniti, F. (2019). Motion direction, luminance contrast, and speed perception: An unexpected meeting. Journal of vision, 19(6), 16-16.

Moscatelli, A., Bianchi, M., Ciotti, S., Bettelani, G. C., Parise, C. V., Lacquaniti, F., Bicchi, A. (2019). Touch as an auxiliary proprioceptive cue for movement control. Science advances, 5(6), eaaw3121.

Bettelani, G.C. , **Moscatelli A.**, Bianchi M. (2018). Towards a Technology-Based Assessment of Sensory-Motor Pathological States Through Tactile Illusion. 7th IEEE International Conference on Biomedical Robotics and Biomechatronics (Biorob), Enschede, Netherlands, 2018, pp. 225-229. doi: 10.1109/BIOROB.2018.8487623

Ceccarelli, F., La Scaleia, B., Russo, M., Cesqui, B., Gravano, S., Mezzetti, M., **Moscatelli, A.**, d'Avella, A., Lacquaniti, F., Zago, M. (2018). Rolling Motion Along an Incline: Visual Sensitivity to the Relation Between Acceleration and Slope. Frontiers in Neuroscience, 12, 406. http://doi.org/10.3389/fnins.2018.00406

Fani, S., Ciotti, S., Battaglia, E., **Moscatelli, A.**, Bianchi, M. (2018). W-FYD: a Wearable Fabric-based Display for Haptic Multi-Cue Delivery and Tactile Augmented Reality. IEEE Transactions on Haptics, 11(2):304–316. doi: 10.1109/TOH.2017.2708717.

Russo, M., Cesqui, B., La Scaleia, B., Ceccarelli, F., Maselli, A., **Moscatelli, A.**, Zago, M. , Lacquaniti, F., d'Avella, A. (2017). Intercepting virtual balls approaching under different gravity conditions: evidence for spatial prediction. Journal of Neurophysiology, 118(4):2421–2434. doi: 10.1152/jn.00025.2017

Bianchi, M., **Moscatelli, A.**, Ciotti, S., Bettelani, G. C., Fioretti, F., Lacquaniti, F., Bicchi, A. (2017). Tactile Slip and Hand Displacement: Bending Hand Motion with Tactile Illusions. In World Haptics Conference (WHC), 2017 (pp. 96–100).

Naceri, A., **Moscatelli, A.**, Haschke, R., Ritter, H., Santello, M., Ernst, M. O. (2017). Multi-digit force control during unconstrained grasping in response to object perturbations. Journal of Neurophysiology, 117(5):2025-2036. http://doi.org/10.1152/jn.00546.2016

Moscatelli, A., Bianchi, M., Serio, A., Terekhov, A., Hayward, V., Ernst, M. O., Bicchi, A. (2016) The Change in Fingertip Contact Area as a Novel Proprioceptive Cue. Current Biology, 26, 1159-1163. http://dx.doi.org/10.1016/j.cub.2016.02.052

Santello, M., Bianchi, M., Gabiccini, M., Ricciardi, E., Salvietti, G., Prattichizzo, D., Ernst, M. O., **Moscatelli, A.**, Jörntell, H., Kappers, A., Kyriakopoulos, K., Castellini, C., Bicchi, A. (2016) Towards a synergy framework across neuroscience and robotics: Lessons learned and open ques-

tions. Reply to comments on: "Hand synergies: Integration of robotics and neuroscience for understanding the control of biological and artificial hands" Physics of Life Reviews, 17, 54-60. http://dx.doi.org/10.1016/j.plrev.2016.06.007

Santello, M., Bianchi, M., Gabiccini, M., Ricciardi, E., Salvietti, G., Prattichizzo, D., Ernst, M. O., **Moscatelli, A.**, Jörntell, H., Kappers, A., Kyriakopoulos, K., Castellini, C., Bicchi, A. (2016) Hand synergies: Integration of robotics and neuroscience for understanding the control of biological and artificial hands. Physics of Life Reviews, 17, 1-23. http://doi.org/10.1016/j.plrev.2016.02.001

Jetzschke, S., Ernst, M. O., **Moscatelli, A.**, and Böddeker, N. (2016). Going round the bend: Persistent personal biases in walked angles. Neuroscience Letters, 617, 72-75. http://doi.org/dx.doi.org/10.1016/j.neulet.2016.01.026

Soltoggio A., Bläsing B., **Moscatelli A.**, Schack T. (2016) The Aikido inspiration to safety and efficiency: an investigation on forward roll impact forces. In Advances in Intelligent Systems and Computing, eds. P. Chung, A. Soltoggio, C.W. Dawson, Q. Meng, M. Pain (Springer Berlin Heidelberg), 119-127.

Dallmann, C.J., Ernst, M.O., **Moscatelli, A.** (2015) The role of vibration in tactile speed perception. Journal of Neurophysiology, 114(6), 3131-3139. http://doi.org/10.1152/jn.00621.2015

Moscatelli, A., Hayward, V., Wexler, M., Ernst, M.O. (2015) Illusory Tactile Motion Perception: An Analog of the Visual Filehne Illusion. Scientific Reports, 5:14584, 1-12. doi: 10.1038/srep14584

Naceri, A., **Moscatelli, A.**, Chellali, R. (2015) Depth discrimination of constant angular size stimuli in action space: role of accommodation and convergence cues. Frontiers in Human Neuroscience 9:511, 1-8. doi: 10.3389/fnhum.2015.00511

La Scaleia, B., Zago, M., **Moscatelli, A.**, Lacquaniti, F., and Viviani, P. (2014). Implied dynamics biases the visual perception of velocity. PLoS One 9:3, e93020, 1-15.

Lacquaniti, F., Carrozzo, M., Andrea d'Avella, La Scaleia, B., **Moscatelli, A.**, and Zago, M. (2014). How long did it last? You would better ask a human. Frontiers in Neurorobotics 8:2, 1-12.

Moscatelli, A., Naceri, A., and Ernst, M.O. (2014). Path integration in tactile perception of shapes. Behavioural Brain Research 274, 355-364.

Moscatelli, A., Bianchi, M., Serio, A., Atassi, O. Al, Fani, S., Terekhov, A., Hayward, V., Ernst, M.O., and Bicchi, A. (2014). A change in the fingertip contact area induces an illusory displacement of the finger, in Haptics: Neuroscience, Devices, Modeling, and Applications, eds. M. Auvray and C. Duriez (Springer Berlin Heidelberg), 72-79. **Best Paper Award**

Moscatelli, A., Scheller, M., Kowalski, G. J., and Ernst, M.O. (2014). The Haptic Analog of the Visual Aubert-Fleischl Phenomenon, in Haptics: Neuroscience, Devices, Modeling, and Applications, eds. M. Auvray and C. Duriez (Springer Berlin Heidelberg), 34-40.

Naceri, A., **Moscatelli, A.**, Santello, M., and Ernst, M.O. (2014). Multi-digit Position and Force Coordination in Three- and Four-Digit Grasping. In Haptics: Neuroscience, Devices, Modeling, and Applications, eds. M. Auvray and C. Duriez (Springer Berlin Heidelberg), 101-108.

Naceri, A., **Moscatelli, A.**, Santello, M., and Ernst, M.O. (2014). Coordination of multi-digit positions and forces during unconstrained grasping in response to object perturbations. 2014 IEEE Haptics Symposium, 35-40.

Rossi, S., Studer, V., **Moscatelli, A.**, Motta, C., Coghe, G., Fenu, G., Caillier, S., Buttari, F., Mori, F., Barbieri, F., et al. (2013). Opposite Roles of NMDA Receptors in Relapsing and Primary Progressive Multiple Sclerosis. PLoS One 8:6, e67357, 1-13.

Moscatelli, A., Naceri, A., and Ernst, M.O. (2013). Navigation in the fingertip. Proceedings IEEE World Haptics Conference, 519-523.

Lacquaniti, F., Bosco, G., Indovina, I., La Scaleia, B., Maffei, V., **Moscatelli, A.**, and Zago, M. (2013). Visual gravitational motion and the vestibular system in humans. Frontiers in Integrative Neuroscience 7:101, 1-12.

Mori, F., Kusayanagi, H., Monteleone, F., **Moscatelli, A.**, Nicoletti, C. G., Bernardi, G., and Centonze, D. (2012). Short interval intracortical facilitation correlates with the degree of disability in multiple sclerosis. Brain Stimulation, 6:1, 67-71.

Moscatelli, A., Mezzetti, M., and Lacquaniti, F. (2012). Modeling psychophysical data at the population-level: The generalized linear mixed model. Journal of Vision 12:26, 1-17.

Zago, M., Carrozzo, M., **Moscatelli, A.**, and Lacquaniti, F. (2011). Time, Observation, Movement. Cognitive Critique 4, 61-86.

Di Paola, M., **Moscatelli, A.**, Bigler, E. D., Caltagirone, C., and Carlesimo, G. a. (2011). White matter changes in patients with hypoxic amnesia. Neurocase 17, 46-56.

Moscatelli, A., Polito, L., and Lacquaniti, F. (2011). Time perception of action photographs is more precise than that of still photographs. Experimental Brain Research 210, 25-32.

Moscatelli, A., and Lacquaniti, F. (2011). The weight of time: Gravitational force enhances discrimination of visual motion duration. Journal of Vision 11:14, 1-17.

Carrozzo, M., **Moscatelli, A.**, and Lacquaniti, F. (2010). Tempo rubato: Animacy speeds up time in the brain. PLoS One 5:12, e15638, 1-13.

Invited Presentations and Lectures

Moscatelli, A. (2021). Invited talk at Workshop: "The sense of touch: interplay between action and perception and underlying body representations", University Gießen, Gießen, Germany (virtual conference).

Moscatelli, A. (2021). Invited talk: "Role of textures and slip motion for the control of hand reaching", Ulm University, Ulm, Germany.

Moscatelli, A. (2021). Invited talk at Workshop: "Introduction to R and Models for Psychophysics", Ulm University, Ulm, Germany.

Moscatelli, A. (2021). Invited talk at Workshop: "MENTE FATTA A MANO: COME LA MANO INFLUENZA CHI SIAMO", University La Sapienza, Rome, Italy.

Moscatelli, A. (2021). Invited talk at Workshop: "Tactile Representation of Motion and Space", IEEE World Haptics Conference (virtual conference).

Moscatelli, A. (2020). Keynote Lecture at "AcTive Haptic hUMans and Robots (THUMB): Human Active Touch". Eurohaptics 2020 Virtual conference.

Moscatelli, A. (2020). Multi-cue integration in human somatosensory system. Workshop: "WS7: TIGHT–Tactile InteGration for Humans and arTificial systems", IEEE RO-MAN 2020 Virtual con-

ference.

Moscatelli, A. (2019) Motion perception in touch and vision: analogies and differences, Faculté des Sciences du Sport, Campus de Luminy, Marseille, France.

Moscatelli, A. (2018) Insights from Behavioral Neuroscience for the design of haptic devices. Within the Workshop "User-centred methods in Human Robot Interaction", IROS 2018, Madrid, Spain.

Moscatelli, A. (2018). Keynote Lecture: "The psychophysics of touch: Towards an early assessment of tactile dysfunction in diabetic patients". Neurodiab 2018, Rome, Italy.

Moscatelli, A. (2017). Combining Tactile and Hand Motion: Constancy, Priors and Perceptual Illusions. Experimental Psychology, Team Perception and Action, Justus-Liebig University Gießen, Gießen, Germany.

Moscatelli, A. (2017). Workshop: Analysis of Categorical Data in Psychophysics. Experimental Psychology, Team Perception and Action, Justus-Liebig University Gießen, Gießen, Germany.

Moscatelli, A. (2016). Perceptual illusions and priors in the combination of tactile and hand motion. Within the ERC PATCH Closing Workshop on Computational Touch, UPMC Jussieu Campus, Paris (France).

Moscatelli, A. (2016) Invariants and priors in tactile perception of object motion. Within the Workshop "Haptic Invariance: from Mechanics, Perception, and Neural Coding to Interface Design", Haptics Symposium 2016, Philadelphia, Pennsylvania (USA).

Abstracts and Conferences

Moscatelli, A. (2017). Tactile Motion Perception In Workshop: "Wearable haptic systems: design, applications, and perspectives", IEEE World Haptics, Fürstenfeldbruck (Munich), Germany

Bianchi, M. and **Moscatelli, A.**, Organizers. (2016) Full-day Workshop "Human and Robot Hands, Human and Robot Touch: Sensorimotor Synergies to Bridge the Gap Between Neuroscience and Robotics", Haptics Symposium 2016, Philadelphia, Pennsylvania (USA).

Moscatelli, A. (2016) Sensorimotor Synergies: Fusion of Cutaneous Touch and Proprioception in the Perceived Hand Kinematics. Within the Workshop "Human and Robot Hands, Human and Robot Touch: Sensorimotor Synergies to Bridge the Gap Between Neuroscience and Robotics", Haptics Symposium 2016, Philadelphia, Pennsylvania (USA).

Böddeker, N., **Moscatelli, A.**, and Ernst, M.O. (2014). Homing with audio landmarks and path integration. Journal of Vision, 14(10), 2.

Moscatelli, A., and Lacquaniti, F. (2011). The weight of time: implied gravitational force enhances discrimination of visual motion duration. Journal of Vision, 11(11), 1217.

Carrozzo, M., **Moscatelli, A.**, and Lacquaniti, F. (2011). Tempo rubato: Animacy speeds up time in the brain. Journal of Vision, 11(11), 1228.

Editorial Activity

Bianchi, M., and **Moscatelli, A.** (Eds.). (2016). Human and Robot Hands. Springer International Publishing. http://doi.org/10.1007/978-3-319-26706-7

Review Editor in Frontiers in Integrative Physiology

Occasional reviewer for the following journals: Journal of Neurophysiology, Journal of Vision, Experimental Brain Research, Journal of Experimental Psychology: Human Perception and Performance, Cognitive Psychology, Multisensory research, Attention Perception and Psychophysics, IEEE Transactions on Haptics, IEEE Transaction on Human Machine System, PLoS ONE, Scientific Reports.

Teaching Experience

Università degli Studi di Roma "Tor Vergata" **2015-Present**
Integrative lectures to the course of Physiology, faculty of Medicine and Surgery.

University of Bielefeld **September, 2011 - September, 2015**
Teaching Assistant
Faculty of Biology; Project Module "Touch and Audition".

Supervision
Chris Dallmann, M.Sc., Meike Scheller, M.Sc, Gabriele J. Kowalsky, M.Sc., Shirley Mey, M.Sc., Sven Bergfeld, Janina Röckner.

Università degli Studi di Roma "Tor Vergata" **September, 2009 - July, 2010**
Supervision
Laura Polito, M.D.

Open-Source software

Author and maintainer of the CRAN package "MixedPsy" for the analysis of psychophysical data in R. Freely available at https://cran.r-project.org/web/packages/MixedPsy/index.html

Personal skills

Biostatistics: Excellent knowledge of statistical inference, with a special focus on the analysis of categorical data, models for repeated measurements and Bayesian models.

Programming Languages: R, Matlab, C, C++.

Applications: LaTeX, Blender, Inkscape, Adobe Illustrator, Adobe Photoshop.

References

References available on request