**Publication list for the staff meeting of December 17th, 2024**


These are the publications with an MPI affiliation entered and/or updated in MPG.PuRe (https://pure.mpg.de/) after the September 17th 2024 staff meeting. Per author in press and or published papers are listed.
72 separate publications are listed

Karin Kastens and Meggie Uijen
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December 17th 2024

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**Alagöz, Gökberk**

Alagöz, G., Eising, E., Mekki, Y., Bignardi, G., Fontanillas, P., 23andMe Research Team, Nivard, M. G., Luciano, M., Cox, N. J., Fisher, S. E., & Gordon, R. L. (2024). The shared genetic architecture and evolution of human language and musical rhythm. *Nature Human Behaviour. Advance online publication*. doi:10.1038/s41562-024-02051-y.

**Alvarez van Tussenbroek, Ine**

Alvarez van Tussenbroek, I., Knörnschild, M., Nagy, M., Ten Cate, C. J., & Vernes, S. C. (2024). Morphological diversity in the brains of 12 Neotropical Bat species. *Acta Chiropterologica, 25*(2), 323-338. doi:10.3161/15081109ACC2023.25.2.011.

**Amelink, Jitse**

Amelink, J., Postema, M., Kong, X., Schijven, D., Carrion Castillo, A., Soheili-Nezhad, S., Sha, Z., Molz, B., Joliot, M., Fisher, S. E., & Francks, C. (2024). Imaging genetics of language network functional connectivity reveals links with language-related abilities, dyslexia and handedness. *Communications Biology, 7*: 1209. doi:10.1038/s42003-024-06890-3.

**Arana, Sophie**

Arana, S., Pesnot Lerousseau, J., & Hagoort, P. (2024). Deep learning models to study sentence comprehension in the human brain. *Language, Cognition and Neuroscience, 39*(8), 972-990. doi:10.1080/23273798.2023.2198245.

**Bergmann, Christina**

Schreiner, M. S., Zettersten, M., Bergmann, C., Frank, M. C., Fritzsche, T., Gonzalez-Gomez, N., Hamlin, K., Kartushina, N., Kellier, D. J., Mani, N., Mayor, J., Saffran, J., Shukla, M., Silverstein, P., Soderstrom, M., & Lippold, M. (2024). Limited evidence of test-retest reliability in infant-directed speech preference in a large pre-registered infant experiment. *Developmental Science, 27*(6): e13551. doi:10.1111/desc.13551.

Soderstrom, M., Rocha-Hidalgo, J., Munoz, L. E., Bochynska, A., Werker, J. F., Skarabela, B., Seidl, A., Ryjova, Y., Rennels, J. L., Potter, C. E., Paulus, M., Ota, M., Olesen, N. M., Nave, K. M., Mayor, J.,

Martin, A., Machon, L. C., Lew-Williams, C., Ko, E.-S., Kim, H., Kartushina, N., Kammermeier, M., Jessop, A., Hay, J. F., Hannon, E. E., Hamlin, J. K., Havron, N., Gonzalez-Gomez, N., Gampe, A., Fritzsche, T., Frank, M. C., Durrant, S., Davies, C., Cashon, C., Byers-Heinlein, K., Black, A. K., Bergmann, C., Anderson, L., Alshakhori, M. K., Al-Hoorie, A. H., & Tsui, A. S. M. (2024). Testing the relationship between preferences for infant-directed speech and vocabulary development: A multi-lab study. *Journal of Child Language. Advance online publication*. doi:10.1017/S0305000924000254.

**Bignardi, Giacomo**

Alagöz, G., Eising, E., Mekki, Y., Bignardi, G., Fontanillas, P., 23andMe Research Team, Nivard, M. G., Luciano, M., Cox, N. J., Fisher, S. E., & Gordon, R. L. (2024). The shared genetic architecture and evolution of human language and musical rhythm. *Nature Human Behaviour. Advance online publication*. doi:10.1038/s41562-024-02051-y.

Serio, B., Hettwer, M. D., Wiersch, L., Bignardi, G., Sacher, J., Weis, S., Eickhoff, S. B., & Valk, S. L. (2024). Sex differences in functional cortical organization reflect differences in network topology rather than cortical morphometry. *Nature Communications, 15*: 7714. doi:10.1038/s41467-024-51942-1.

**Brown, Penelope**

Casillas, M., Foushee, R., Méndez Girón, J., Polian, G., & Brown, P. (2024). Little evidence for a noun bias in Tseltal spontaneous speech. *First Language, 44*(6), 600-628. doi:10.1177/01427237231216571.

**Bulut, Talat**

Karsan, Ç., Ocak, F., & Bulut, T. (2024). Characterization of speech and language phenotype in the 8p23.1 syndrome. *European Child & Adolescent Psychiatry, 33*, 3671-3678. doi:10.1007/s00787-024-02448-0.

**Carota, Francesca**

Carota, F., Nili, H., Kriegeskorte, N., & Pulvermüller, F. (2024). Experientially-grounded and distributional semantic vectors uncover dissociable representations of semantic categories. *Language, Cognition and Neuroscience, 39*(8), 1020-1044. doi:10.1080/23273798.2023.2232481.

**Carrion Castillo, Amaia**

Amelink, J., Postema, M., Kong, X., Schijven, D., Carrion Castillo, A., Soheili-Nezhad, S., Sha, Z., Molz, B., Joliot, M., Fisher, S. E., & Francks, C. (2024). Imaging genetics of language network functional connectivity reveals links with language-related abilities, dyslexia and handedness. *Communications Biology, 7*: 1209. doi:10.1038/s42003-024-06890-3.

**Casillas, Marisa**

Bunce, J., Soderstrom, M., Bergelson, E., Rosemberg, C., Stein, A., Alam, F., Migdalek, M. J., & Casillas, M. (2024). A cross-linguistic examination of young children's everyday language experiences. *Journal of Child Language. Advance online publication*. doi:10.1017/S030500092400028X.

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**Çetinçelik, Melis**

Çetinçelik, M., Jordan-Barros, A., Rowland, C. F., & Snijders, T. M. (2024). The effect of visual speech cues on neural tracking of speech in 10-month-old infants. *European Journal of Neuroscience, 60*(6), 5381-5399. doi:10.1111/ejn.16492.

**Clough, Sharice**

Clough, S., Brown-Schmidt, S., Cho, S.-J., & Duff, M. C. (2024). Reduced on-line speech gesture integration during multimodal language processing in adults with moderate-severe traumatic brain injury: Evidence from eye-tracking. *Cortex, 181*, 26-46. doi:10.1016/j.cortex.2024.08.008.

Gordon, J. K., & Clough, S. (2024). The Flu-ID: A new evidence-based method of assessing fluency in aphasia. *American Journal of Speech-Language Pathology, 33*, 2972-2990. doi:10.1044/2024_AJSLP-23-00424.

**De Reus, Koen**

Rapado-Tamarit, B., Méndez-Aróstegui, M., de Reus, K., Sarraude, T., Pen, I., & Groothuis, T. G. G. (2024). Age estimation and growth patterns in young harbor seals (Phoca vitulina vitulina) during rehabilitation. *Journal of Mammalogy. Advance online publication*. doi:10.1093/jmammal/gyae128.

**Den Hoed, Joery**

Den Hoed, J., Hashimoto, H., Khan, M., Semmekrot, F., Bosanko, K. A., Abe-Hatano, C., Nakagawa, E., Venselaar, H., Quercia, N., Chad, L., Kurosaka, H., Rondeau, S., Fisher, S. E., Yamamoto, S., & Zarate, Y. A. (2024). Pathogenic SATB2 missense variants affecting p.Gly392 have variable functional implications and result in diverse clinical phenotypes. *Journal of Medical Genetics, 61*, 1062-1067. doi:10.1136/jmg-2024-110015.

**Ding, Rong**

Van Geert, E., Ding, R., & Wagemans, J. (2025). A cross-cultural comparison of aesthetic preferences for neatly organized compositions: Native Chinese- versus Native Dutch-speaking samples. *Empirical Studies of the Arts, 43*(1), 250-275. doi:10.1177/02762374241245917.

**Drijvers, Linda**

Mazzini*, S., Seijdel*, N., & Drijvers*, L. (2024). Autistic individuals benefit from gestures during degraded speech comprehension. *Autism. Advance online publication*. doi:10.1177/13623613241286570. (*All ss contributed equally to this work)

**Duengen, Diandra**

Duengen, D., Polotzek, M., O'Sullivan, E., & Ravignani, A. (2024). Anecdotal observations of socially learned vocalizations in harbor seals. *Animal Behavior and Cognition, 11*, 393-403. doi:10.26451/abc.11.03.04.2024.

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**Eising, Else**

Nayak, S., Ladanyi, E., Eising, E., Mekki, Y., Nitin, R., Bush, C., et al. (in press). Musical rhythm abilities and risk for developmental speech-language problems and disorders: epidemiological and polygenic associations. *Nature Communications*.

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**Emmendorfer, Alexandra K.**

Hömke, P., Levinson, S. C., Emmendorfer, A. K., & Holler, J. (in press). Eyebrow movements as signals of communicative problems in human face-to-face interaction. *Royal Society Open Science*.

**Ferrari, Ambra**

Ferrari, A., & Hagoort, P. (in press). Beat gestures and prosodic stress interactively influence language comprehension. *Cognition*.

mcquNazlı, İ., Ferrari, A., Huber-Huber, C., & De Lange, F. P. (2024). Forward and backward blocking in statistical learning. *PLOS ONE, 19*(8): e0306797. doi:10.1371/journal.pone.0306797.

**Fisher, Simon E.**

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Crivello, F., Dale, A. M., Smith, G. D., De Geus, E. J. C., De Jager, P. L., De Zubicaray, G. I., Debette, S., DeCarli, C., Depondt, C., Desrivières, S., Djurovic, S., Ehrlich, S., Erk, S., Espeseth, T., Fernández, G., Filippi, I., Fisher, S. E., Fleischman, D. A., Fletcher, E., Fornage, M., Forstner, A. J., Francks, C., Franke, B., Ge, T., Goldman, A. L., Grabe, H. J., Green, R. C., Grimm, O., Groenewold, N. A., Gruber, O., Gudnason, V., Håberg, A. K., Haukvik, U. K., Heinz, A., Hibar, D. P., Hilal, S., Himali, J. J., Ho, B.-C., Hoehn, D. F., Hoekstra, P. J., Hofer, E., Hoffmann, W., Holmes, A. J., Homuth, G., Hosten, N., Ikram, M. K., Ipser, J. C., Jack Jr, C. R., Jahanshad, N., Jönsson, E. G., Kahn, R. S., Kanai, R., Klein, M., Knol, M. J., Launer, L. J., Lawrie, S. M., Le Hellard, S., Lee, P. H., Lemaître, H., Li, S., Liewald, D. C. M., Lin, H., Longstreth Jr, W. T. L., Lopez, O. L., Luciano, M., Maillard, P., Marquand, A. F., Martin, N. G., Martinot, J.-L., Mather, K. A., Mattay, V. S., McMahon, K. L., Mecocci, P., Melle, I., Meyer-Lindenberg, A., Mirza-Schreiber, N., Milaneschi, Y., Mosley, T. H., Mühleisen, T. W., Müller-Myhsok, B., Muñoz Maniega, S., Nauck, M., Nho, K., Niessen, W. J., Nöthen, M. M., Nyquist, P. A., Oosterlaan, J., Pandolfo, M., Paus, T., Pausova, Z., Penninx, B. W. J. H., Pike, G. B., Psaty, B. M., Pütz, B., Reppermund, S., Rietschel, M. D., Risacher, S. L., Romanczuk-Seiferth, N., Romero-Garcia, R., Roshchupkin, G. V., Rotter, J. I., Sachdev, P. S., Sämann, P. G., Saremi, A., Sargurupremraj, M., Saykin, A. J., Schmaal, L., Schmidt, H., Schmidt, R., Schofield, P. R., Scholz, M., Schumann, G., Schwarz, E., Shen, L., Shin, J., Sisodiya, S. M., Smith, A. V., Smoller, J. W., Soininen, H. S., Steen, V. M., Stein, D. J., Stein, J. L., Thomopoulos, S. I., Toga, A., Tordesillas-Gutiérrez, D. T., Trollor, J. N., Valdes-Hernandez, M. C., Van 't Ent, D., Van Bokhoven, H., Van der Meer, D., Van der Wee, N. J. A., Vázquez-Bourgon, J., Veltman, D. J., Vernooij, M. W., Villringer, A., Vinke, L. N., Völzke, H., Walter, H., Wardlaw, J. M., Weinberger, D. R., Weiner, M. W., Wen, W., Westlye, L. T., Westman, E., White, T., Witte, A. V., Wolf, C., Yang, J., Zwiers, M. P., Ikram, M. A., Seshadri, S., Thompson, P. M., Satizabal, C. L., Medland, S. E., & Rentería, M. E. (2024). Genomic analysis of intracranial and subcortical brain volumes yields polygenic scores accounting for brain variation across ancestries. *Nature Genetics, 56*, 2333-2344. doi:10.1038/s41588-024-01951-z.

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**Forkel, Stephanie J.**

Basile, G. A., Nozais, V., Quartarone, A., Giustiniani, A., Ielo, A., Cerasa, A., Anastasi, G. P., Milardi, D., Abdallah, M., Thiebaut de Schotten, M., Forkel, S. J., & Cacciola, A. (in press). Functional anatomy and topographical organization of the frontotemporal arcuate fasciculus. *Communications Biology*

Fekonja, L. S., Forkel, S. J., Baran Aydogan, D., Lioumis, P., Cacciola, A., Weiß Lucas, C., Tournier, J. D., Vergani, F., Schenk, R., Shams, B., Engelhardt, M. J., & Picht, T. (in press). Translational Network Neuroscience: 9 Roadblocks and possible solutions. *Network Neuroscience*.

Forkel, S. J. (in press). Disrupted dialoagues: The impact of social media fragmentation on science communication. *Cortex*.

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Pacella, V., Nozais, V., Talozzi, L., Abdallah, M., Wassermann, D., Forkel, S. J., & Thiebaut de Schotten, M. (2024). The morphospace of the brain-cognition organisation. *Nature Communications, 15*: 8452. doi:10.1038/s41467-024-52186-9.

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**Francks, Clyde**

Soheili-Nezhad, S., Schijven, D., Mars, R. B., Fisher, S. E., & Francks, C. (in press). Distinct impact modes of polygenic disposition to dyslexia in the adult brain. *Science Advances*.

Amelink, J., Postema, M., Kong, X., Schijven, D., Carrion Castillo, A., Soheili-Nezhad, S., Sha, Z., Molz, B., Joliot, M., Fisher, S. E., & Francks, C. (2024). Imaging genetics of language network functional connectivity reveals links with language-related abilities, dyslexia and handedness. *Communications Biology, 7*: 1209. doi:10.1038/s42003-024-06890-3.

García-Marín, L. M., Campos, A. I., Diaz-Torres, S., Rabinowitz, J. A., Ceja, Z., Mitchell, B. L., Grasby, K. L., Thorp, J. G., Agartz, I., Alhusaini, S., Ames, D., Amouyel, P., Andreassen, O. A., Arfanakis, K., Arias Vasquez, A., Athanasiu, L., Bastin, M. E., Beiser, A. S., Bennett, D. A., Bis, J. C., Boks, M. P. M., Boomsma, D. I., Brodaty, H., Brouwer, R. M., Buitelaar, J. K., Burkhardt, R., Cahn, W., Calhoun, V. D., Carmichael, O. T., Chakravarty, M., Chen, Q., Ching, C. R. K., Cichon, S., Crespo-Facorro, B., Crivello, F., Dale, A. M., Smith, G. D., De Geus, E. J. C., De Jager, P. L., De Zubicaray, G. I., Debette, S., DeCarli, C., Depondt, C., Desrivières, S., Djurovic, S., Ehrlich, S., Erk, S., Espeseth, T., Fernández, G., Filippi, I., Fisher, S. E., Fleischman, D. A., Fletcher, E., Fornage, M., Forstner, A. J., Francks, C., Franke, B., Ge, T., Goldman, A. L., Grabe, H. J., Green, R. C., Grimm, O., Groenewold, N. A., Gruber, O., Gudnason, V., Håberg, A. K., Haukvik, U. K., Heinz, A., Hibar, D. P., Hilal, S., Himali, J. J., Ho, B.-C., Hoehn, D. F., Hoekstra, P. J., Hofer, E., Hoffmann, W., Holmes, A. J., Homuth, G., Hosten, N., Ikram, M. K., Ipser, J. C., Jack Jr, C. R., Jahanshad, N., Jönsson, E. G., Kahn, R. S., Kanai, R., Klein, M., Knol, M. J., Launer, L. J., Lawrie, S. M., Le Hellard, S., Lee, P. H., Lemaître, H., Li, S., Liewald, D. C. M., Lin, H., Longstreth Jr, W. T. L., Lopez, O. L., Luciano, M., Maillard, P., Marquand, A. F., Martin, N. G., Martinot, J.-L., Mather, K. A., Mattay, V. S., McMahon, K. L., Mecocci, P., Melle, I., Meyer-Lindenberg, A., Mirza-Schreiber, N., Milaneschi, Y., Mosley, T. H., Mühleisen, T. W., Müller-Myhsok, B., Muñoz Maniega, S., Nauck, M., Nho, K., Niessen, W. J., Nöthen, M. M., Nyquist, P. A., Oosterlaan, J., Pandolfo, M., Paus, T., Pausova, Z., Penninx, B. W. J. H., Pike, G. B., Psaty, B. M., Pütz, B., Reppermund, S., Rietschel, M. D., Risacher, S. L., Romanczuk-Seiferth, N., Romero-Garcia, R., Roshchupkin, G. V., Rotter, J. I., Sachdev, P. S., Sämann, P. G., Saremi, A., Sargurupremraj, M., Saykin, A. J., Schmaal, L., Schmidt, H., Schmidt, R., Schofield, P. R., Scholz, M., Schumann, G., Schwarz, E., Shen, L., Shin, J., Sisodiya, S. M., Smith, A. V., Smoller, J. W., Soininen, H. S., Steen, V. M., Stein, D. J., Stein, J. L., Thomopoulos, S. I., Toga, A., Tordesillas-Gutiérrez, D. T., Trollor, J. N., Valdes-Hernandez, M. C., Van 't Ent, D., Van Bokhoven, H., Van der Meer, D., Van der Wee, N. J. A., Vázquez-Bourgon, J., Veltman, D. J., Vernooij, M. W., Villringer, A., Vinke, L. N., Völzke, H., Walter, H., Wardlaw, J. M., Weinberger, D. R., Weiner, M. W., Wen, W., Westlye, L. T., Westman, E., White, T., Witte, A. V., Wolf, C., Yang, J., Zwiers, M. P., Ikram, M. A., Seshadri, S., Thompson, P. M., Satizabal, C. L., Medland, S. E., & Rentería, M. E. (2024). Genomic analysis of intracranial and subcortical brain volumes yields polygenic scores accounting for brain variation across ancestries. *Nature Genetics, 56*, 2333-2344. doi:10.1038/s41588-024-01951-z.

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**Galke, Lukas**

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