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**Project title**: *Multilingualism and Multiliteracy: Raising learning outcomes in challenging contexts in primary schools across India, 2016-2020.*

The following files have been archived:

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| File name | File description (Short description of content, sample size, format, any linking between different types of data, i.e. survey and interviews/focus groups) |
| **Delhi\_upload\_data (folder)** includes the files listed below- All files named/marked as Phase I/PI are linked to each other as they are data from children tested in Phase I (i.e., data from same children but on different tasks). Likewise for files marked Phase II/PII. |
| Multilila\_Delhi\_PhaseI\_Flanker\_analysed\_Final\_387\_for\_upload | 387 participants, csv file, Phase I data of flankers task.  |
| Multilila\_Delhi\_PhaseII\_Flanker\_analysed\_Final\_372 | 372 participants, csv file, Phase I data of flankers task. |
| Multilila\_Delhi\_PI\_387\_for\_upload | 387 participants, csv file, Phase I data of demographics, numeracy, literacy and cognitive tasks. |
| Multilila\_Delhi\_PI\_Flanker\_50\_50\_for\_upload | 387 participants, csv file, Phase I raw data file of flankers task 50-50 condition. |
| Multilila\_Delhi\_PI\_Flanker\_92\_08\_for\_upload | 387 participants, csv file, phase I raw data file of flankers task 92-08 condition. |
| Multilila\_Delhi\_PI\_languages\_for\_upload | 387 participants, csv file, data on language status of children. |
| Multilila\_Delhi\_PI\_no\_negative\_Nback\_for\_upload | 384 participants, csv file, includes phase I data on Nback task along with the other tasks the children have performed. |
| Multilila\_Delhi\_PII\_common\_341\_for\_upload | 341 participants, csv file, phase II data on demographics, numeracy, literacy and cognitive tasks |
| Multilila\_Delhi\_PII\_Flanker\_50\_50\_for\_upload | 341 participants, csv file, phase II raw data file of flankers task 50-50 condition |
| Multilila\_Delhi\_PII\_Flanker\_92\_08\_for\_upload | 341 participants, csv file, phase II raw data file of flankers task 92-08 condition |
| Multilila\_Delhi\_PII\_languages\_for\_upload | 341 participants, csv file, data on language status of children. |
| Multilila\_DelhiPII\_372\_for\_upload | 372 participants, csv file, Phase II data of demographics, numeracy, literacy and cognitive tasks. |
| Multilila\_DelhiPII\_common\_339\_Nback\_No\_negatives\_for\_upload | 339 participants, csv file, includes phase II data on Nback task along with the other tasks the children have performed. |
| Multilila\_Narrative\_comprehension\_DL\_PI\_PII\_for\_upload | 267 participants, csv file, data of narrative comprehension from phase I and phase II. |
| Multilila\_Semantic\_fluency\_DL\_PI\_PII\_332\_for\_upload | 332 participants, csv file data of semantic fluency from phase I and phase II.s |
| Delhi\_Narrative\_transcripts (Folder) | Includes audio files and transcripts of narratives. Phase I includes data of 339 participants and phase II includes data of 419 participants. |
| **Hyderabad\_Data\_upload (folder)** includes the files listed below- All files named/marked as Phase I/PI are linked to each other as they are data from children tested in Phase I (i.e., data from same children but on different tasks). Likewise for files marked Phase II/PII. |
| Multilila\_Child questionnaire\_Hyd\_PII\_328\_for\_upload | 328 participants, csv file, Phase II data which includes demographics and information from child questionnaire. |
| Multilila\_Childquestionnaire\_HydPI\_461\_for\_upload | 461 participants,csv file, Phase I data which includes demographics and information from child questionnaire. |
| Multilila\_CQ\_HydPI\_Recoding\_461\_Minority\_Languages\_for\_upload | 461 participants, csv file, phase I data on language status of children. |
| Multilila\_CQ\_HydPII\_319\_Minority\_Language\_for\_upload | 319 participants, csv file, phase II data on language status of children. |
| Multilila\_Hyd\_PhaseI\_Conflict\_Final\_for\_upload | 445 participants, csv file, Phase I data of flankers task.  |
| Multilila\_Hyd\_PhaseII\_Conflict\_Final\_for\_upload | 325 participants, csv file, Phase II data of flankers task. |
| Multilila\_Hyd\_PI\_461\_for\_upload | 461 participants, csv file, Phase I data of demographics, numeracy, literacy and cognitive tasks. |
| Multilila\_Hyd\_PI\_PII\_306\_with\_nback\_for\_upload | 306 participants, csv file, Both Phase I and Phase II data of demographics, numeracy, literacy and cognitive tasks. |
| Multilila\_Hyderabad\_PI\_Telugu\_literacy\_for\_upload | 286 participants, csv file, Phase I data on Telugu literacy task. |
| Multilila\_Hyderabad\_PII\_Telugu\_literacy\_for\_upload | 208 participants, csv file, Phase II data on Telugu literacy task. |
| Multilila\_HydPI\_Flanker\_50\_50\_raw\_data\_for\_upload | 445 participants, csv file, phase I raw data file of flankers task 50-50 condition. |
| Multilila\_HydPI\_Flanker\_92\_08\_raw\_data\_for\_upload | 445 participants, csv file, phase I raw data file of flankers task 92-08 condition. |
| Multilila\_HydPI\_Nback\_for\_upload | 444 participants, csv file, phase I data on N-back task. |
| Multilila\_HydPII\_326\_for\_upload | 326 participants, csv file, Phase II data of demographics, numeracy, literacy and cognitive tasks. |
| Multilila\_Narrative\_comprehension\_HydPI\_for\_upload | 300 participants, csv file, Phase I data on narrative comprehension. |
| Mutlilila\_Narrative\_comprehension\_Hyd\_PI\_PII\_for\_upload | 300 participants, csv file, Phase I and phase II data on narrative comprehension. |
| Mutlilila\_Semantic\_fluency\_Hyd\_PI\_PII\_319\_for\_upload | 319 participants, csv file, phase I and phase II data of semantic fluency task. |
| Multilila\_Flanker\_92\_08\_Hyd\_PII\_raw\_data\_for\_upload | 325 participants, csv file, phase II raw data file of flankers task 92-08 condition |
| Multilila\_Flanker\_50\_50\_Hyd\_PII\_raw\_data\_for\_upload | 325 participants, csv file, phase II raw data file of flankers task 50-50 condition |
| Hyderabad\_Narrative\_transcripts (Folder) | Includes audio files and transcripts of narratives. Phase I includes data of 428 participants and phase II includes data of 312 participants. |
| Hyd\_Patna\_team | Includes audio files and transcripts of narratives of 100 children collected by the research assistants of Patna team in Hyderabad as a pilot. |
| **Patna\_data\_Upload (folder)** includes the files listed below |
| Multilila\_Patna\_Child\_questionnaire\_for\_upload | 910 participants, csv file, data from child questionnaire. |
| Multilila\_Patna\_data\_consolidated\_for\_Upload | 907 participants, csv file, data on demographics, numeracy, literacy and cognitive tasks. |
| Multilila\_Patna\_Flanker\_50\_50\_Year4\_raw\_data\_for\_upload | 427 participants, children in year 4, csv file, raw data file of flankers task 50-50 condition |
| Multilila\_Patna\_Flanker\_50\_50\_Year5\_raw\_data\_for\_upload | 477 participants, children in year 5, csv file, raw data file of flankers task 50-50 condition. |
| Multilila\_Patna\_Flanker\_92\_08\_Year4\_raw\_data\_for\_upload | 427 participants, children in year 4, csv file, raw data file of flankers task 92-08condition |
| Multilila\_Patna\_Flanker\_92\_08\_Year5\_raw\_data\_for\_upload | 477 participants, children in year 5, csv file, raw data file of flankers task 92-08 condition. |
| Multilila\_Patna\_Flanker\_Analysed\_for\_Upload | 904 participants, csv file, data on flankers task. |
| Multilila\_Patna\_Nback\_Analysed\_for\_upload | 900 participants, csv file, data on nback task. |
| Multilila\_Patna\_Nback\_processed\_data\_for\_upload | 900 participants, csv file, data on nback task. |
| Multilila\_Patna\_Nback\_Raw\_data\_for\_upload | 900 participants, csv file, raw data on nback task. |
| Patna\_Narrative\_transcripts (folder) | Includes audio files and transcripts of narratives of 903 participants. |
| **Additional files (folder)** |  |
| Macroanalyses\_Narrative\_data (folder) | 270 children, doc file of macroanalyses of narrative data and csv data file. |
| Classroom\_observations\_Delhi | Classroom observations data from 24 classrooms in Delhi. |
| Classroom\_observations\_English\_Patna | Classroom observations data from 14 classrooms of English class in Patna. |
| Classroom\_observations\_Hindi\_Patna | Classroom observations data from 5 classrooms of Hindi class in Patna. |
| Classroom\_observations\_Hyderabad | Classroom observations data from 80 classrooms in Hyderabad. |
| Classroom\_observations\_Maths\_Patna | Classroom observations data from 12 classrooms of Math class in Patna |
| Measureoflanguageinput\_Delhi | Data linked to classroom observations in Delhi. |
| Measureoflanguageinput\_Hyderabad | Data linked to classroom observations in Hyderabad. |
| Teacherquestionnaire\_Delhi | Data of 8 teachers from teacher questionnaire. |
| Teacherquestionnaire\_Hyderabad | Data of 50 teachers from teacher questionnaire. |
| Teacherquestionnaire\_Patna | Data of 29 teachers from teacher questionnaire. |
| Proformas | Includes all the consent forms, task files and questionnaires used in the study. |

**Publications**: (based on this data, if any)

Tsimpli, I.M.; Vogelzang, M.; Balasubramanian, A.; Marinis, T.; Alladi, S.; Reddy, A.; Panda, M. Linguistic Diversity, Multilingualism, and Cognitive Skills: A Study of Disadvantaged Children in India. Languages **2020**, 5, 10. <https://doi.org/10.3390/languages5010010>

Lightfoot, A., Balasubramanian, A., Tsimpli, I., Mukhopadhyay, L., & Treffers-Daller, J. (2021). Measuring the multilingual reality: lessons from classrooms in Delhi and Hyderabad. *International Journal of Bilingual Education and Bilingualism*, 1-21. DOI: 10.1080/13670050.2021.1899123

Tsimpli, I., Mukhopadhyay, L., Treffers-Daller, J., Alladi, S., Marinis, T., Panda, M., ... & Sinha, P. (2019). Multilingualism and multiliteracy in primary education in India: A discussion of some methodological challenges of an interdisciplinary research project. *Research in Comparative and International Education*, *14*(1), 54-76.