## **OPENSYSTEMS PROJECTS**

| Year | Motor group  | Theme             | Research question   | Co-researchers | Participants | Location   | Scientific publication                                 | DOI  |
|------|--|-------------------|---|----------------|--------------|--|--|--|
| 2012 | Science festival participants                        | Mobility          | How do we move within the park where the festival is held?                                | _              | 101          | Barcelona  | Royal Society Open Science, 3(7), 160177.              | https://doi.org/10.1098/rsos.160177          |
| 2012 | Board games festival participants                    | Cooperation       | How does cooperation change with age?   | _              | 221          | Barcelona  | Nature Communications, 5(1), 1-7.                      | https://doi.org/10.1038/ncomms5362           |
| 2013 | Board games festival participants                    | Decision making   | How do we process information and decide?   | _              | 168          | Barcelona  | PloS one, 11(8), e0159078.                             | https://doi.org/10.1371/journal.pone.0159078 |
| 2014 | Board games festival participants                    | Cooperation       | What kind of profiles emerge in human cooperation?  | _              | 541          | Barcelona  | Science advances, 2(8), e1600451.                      | https://doi.org/10.1126/sciadv.1600451       |
| 2015 | Board games festival participants                    | Cooperation       | How do inequalities affect collective action against climate change?                      | _              | 342          | Barcelona  | PloS one, 13(10), e0204369.                            | https://doi.org/10.1371/journal.pone.0204369 |
| 2016 | Relatives and persons with mental helath problems    | Mental health     | What is the role of each member of the community in promoting care and attention?         | 30             | 270          | Girona, Sabadell,<br>Valls, Lleida               | Scientific Reports, 8(1), 1-9.                         | https://doi.org/10.1038/s41598-018-21900-1   |
| 2017 | Primary school students                              | Pollution         | What is the level of nitrogen dioxide in my neighbourhood?                                | 1,625          | 1,625        | Barcelona  | Preprint SocArxiv                                      | https://doi.org/10.31235/osf.io/4snhf        |
| 2017 | Secondary school students                            | Gender inequities | What is the self-esteem of discriminated women?   | 40             | 156          | Badalona   | Comunicar. Media Education<br>Research Journal, 26(1). | https://doi.org/10.3916/C54-2018-03          |
| 2017 | Street arts festival participants                    | Gender inequities | How does looking at people's eyes affect our decisions on the street?                     | 60             | 400          | Tàrrega  | Scientific Reports, 10(1), 1-10.                       | https://doi.org/10.1038/s41598-020-57749-6   |
| 2017 | Secondary school students                            | Public space      | Who uses public space in my city and how do they use it?                                  | 29             | 180          | Viladecans                                       | Comunicar. Media Education<br>Research Journal, 26(1). | https://doi.org/10.3916/C54-2018-03          |
| 2017 | Secondary school students                            | Inclusion         | How does socioeconomic status affect levels of social tolerance?                          | 27             | 128          | Barcelona  | Comunicar. Media Education<br>Research Journal, 26(1). | https://doi.org/10.3916/C54-2018-03          |
| 2017 | Elder persons  | Mobility          | What are the best walking routes in the neighbourhood?                                    | 20             | 20           | Barcelona  | In process   |  |
| 2018 | Secondary school students                            | Pollution         | How can we raise awareness about coastal pollution?                                       | 32             | 156          | Palaio Faliro<br>(Athens)                        | In process   |  |
| 2018 | Prison inmates and street arts festival participants | Cooperation       | What is the level of cooperation inside and outside the prison walls?                     | 15             | 34           | Barcelona  | In process   |  |
| 2018 | Secondary school students                            | Mobility          | How do we get to school?  | 457            | 292          | Barcelona  | In process   |  |
| 2018 | Neighbors and science festival participants          | Pollution         | How do differences in pollution exposure affect collective action to improve air quality? | _              | 496          | Barcelona  | In process   |  |
| 2019 | Youth association                                    | Water consumption | How would you react if you woke up one day and you had no water?                          | 15             | 126          | L'Hospitalet de<br>Llobregat                     | In process   |  |
| 2019 | Library users  | Housing           | How can we promote access to housing?   | 45             | 408          | Granollers, Olesa<br>de Montserrat,<br>Barcelona | Preprint SocArxiv                                      | https://doi.org/10.31235/osf.io/2aq6n        |
| 2019 | Feminist groups                                      | Gender violence   | How do we react to situations of gender violence in public spaces?                        | 20             | 200          | Barcelona  | In process   |  |
|      |  |                   | Total participants  | 2,415          | 5,864        |  |  |  |