

# Supplementary material to “The evolving diversity of the geodynamics community: Ada Lovelace Workshop participants from 1987 to 2024”

Iris van Zelst<sup>1</sup>, Anne C. Glerum<sup>2</sup>, Fabio Crameri<sup>3</sup>, Juliane Dannberg<sup>4</sup>, Cedric Thieulot<sup>5</sup>, and Adina E. Pusok<sup>6</sup>

<sup>1</sup>School of GeoSciences, University of Edinburgh, Edinburgh, Scotland

<sup>2</sup>GFZ Helmholtz Centre for Geosciences, Potsdam, Germany

<sup>3</sup>International Space Science Institute (ISSI), Bern, Switzerland

<sup>4</sup>GEOMAR Helmholtz Centre for Ocean Research Kiel, Kiel, Germany

<sup>5</sup>Department of Earth Sciences, Utrecht University, Utrecht, The Netherlands

<sup>6</sup>University of Oxford, Oxford, England

**Correspondence:** Iris van Zelst (iris.vanzelst@ed.ac.uk, iris.v.zelst@gmail.com)

## S1 Ada Lovelace Workshop data correlations

The following figures show all the statistically significant ( $p$ -value < 0.05) linear regression fits we found between characteristics of the Ada Lovelace Workshop participants from 1987 to 2024. Abbreviations used: SOC - Scientific Organising Committee; LOC - Local Organising Committee; ECS - Early Career Scientist(s).

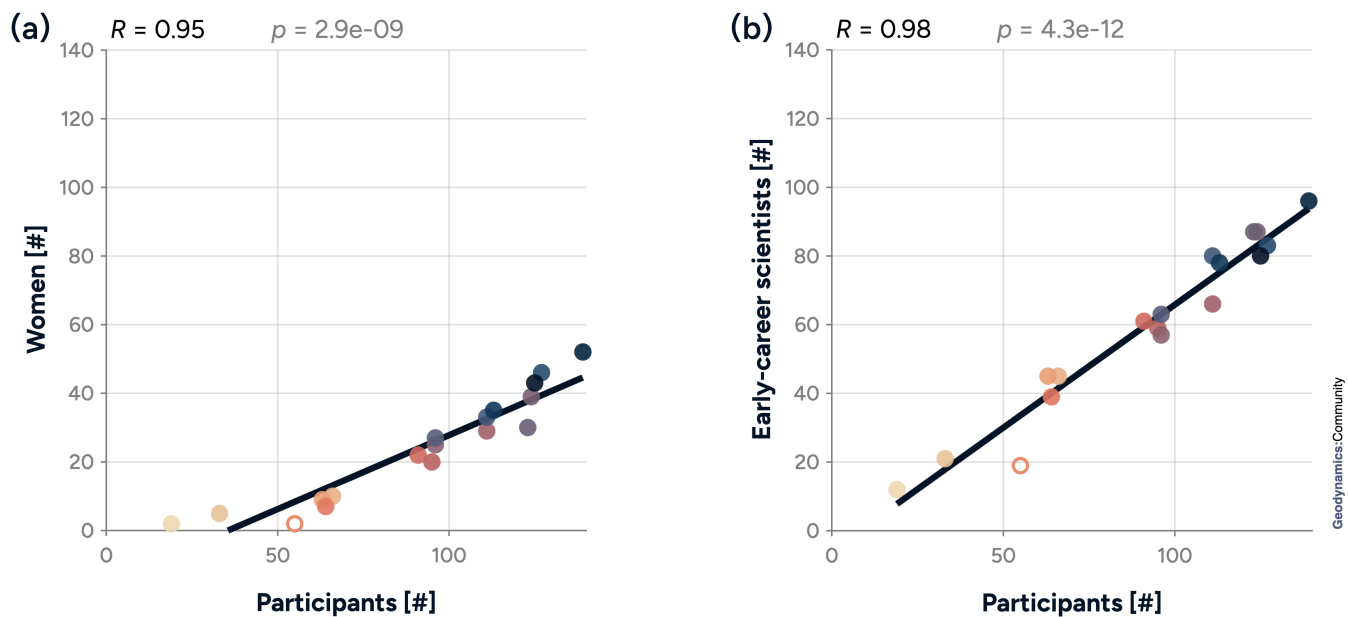


**Figure S1.** Ordinary least squares regression fits showing positive correlations between the number of participants and (a) the number of women participants and (b) the number of ECS at the Ada Lovelace Workshop. The colour scale is the same as in Figure 1 of the main manuscript with lighter colours indicating early workshops and darker colours indicating later workshops. The open dot indicates the Ada Lovelace Workshop from 1995 for which a the data is largely incomplete.

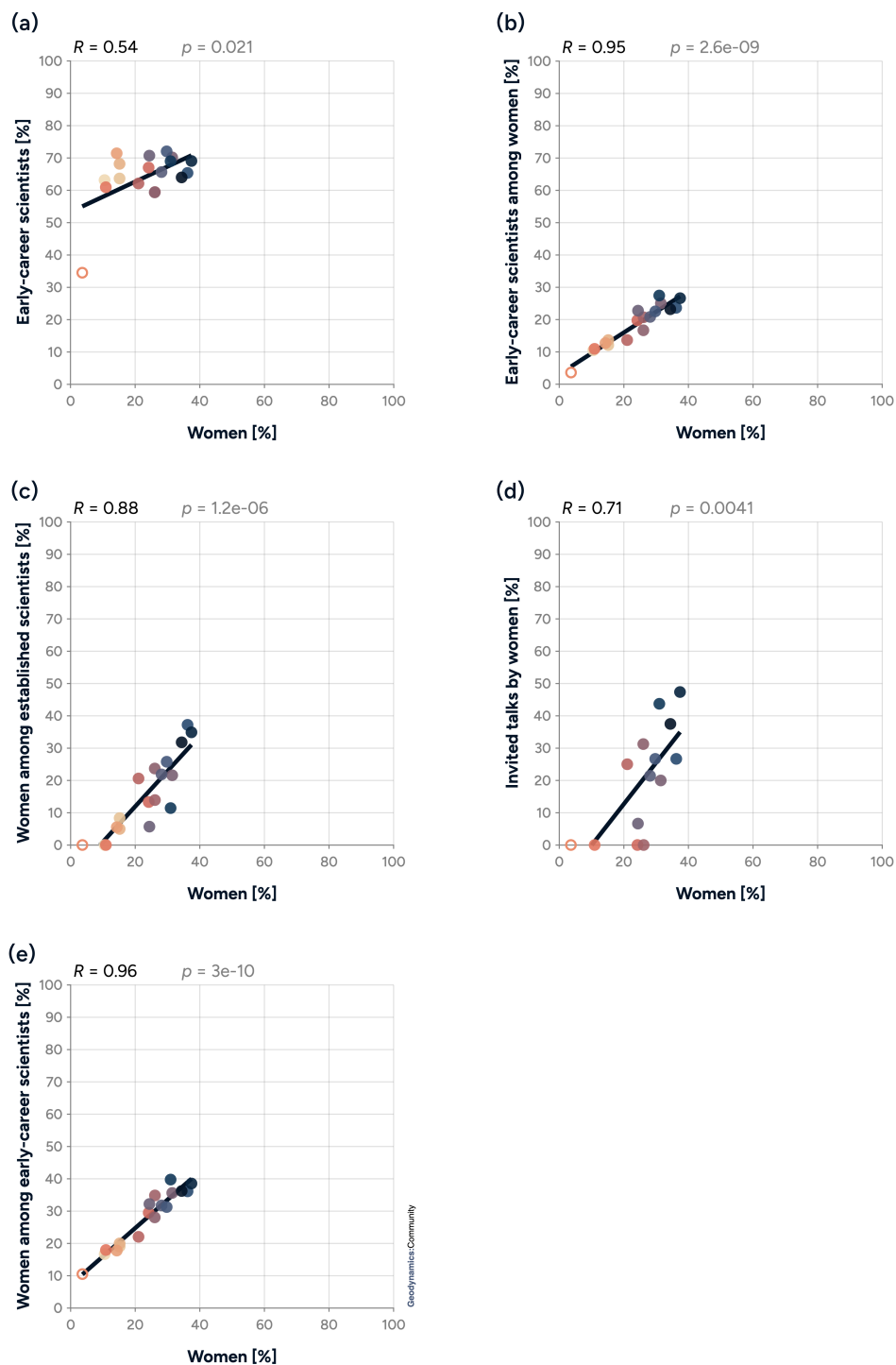


**Figure S2.** Ordinary least squares regression fits showing positive correlations between the percentage of women participants and (a) the percentage of ECS; (b) the percentage of ECS among women; (c) the percentage of women among established scientists; (d) the percentage of invited talks by women; and (e) the percentage of women among ECS at the Ada Lovelace Workshop. Colour scales are the same as in Figure S1.

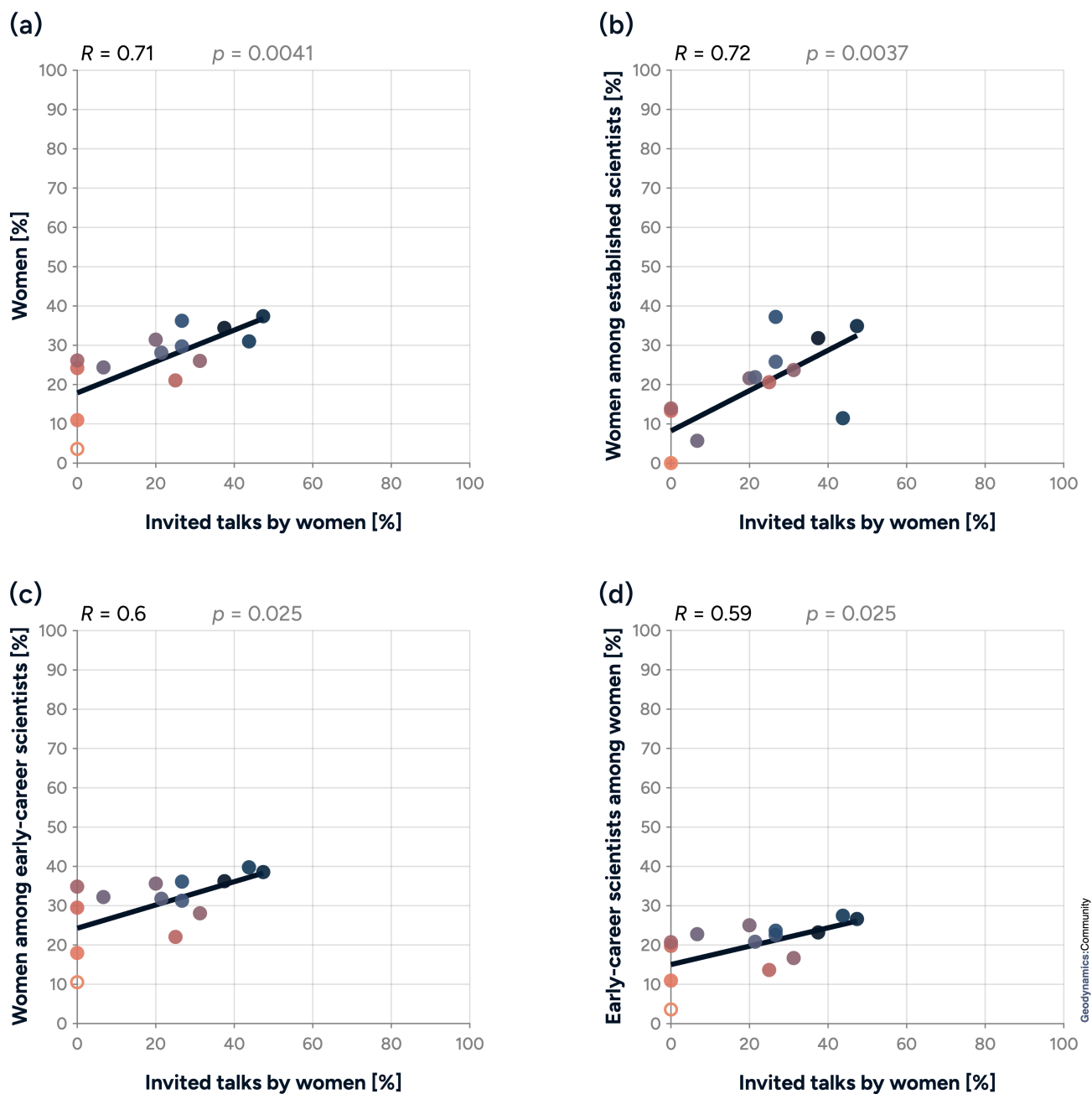


**Figure S3.** Ordinary least squares regression fits showing positive correlations between the percentage of invited talks by women participants and (a) the percentage of women participants; (b) the percentage of women among established scientists; (c) the percentage of women among ECS; and (d) the percentage of ECS among women at the Ada Lovelace Workshop. Colour scales are the same as in Figure S1.

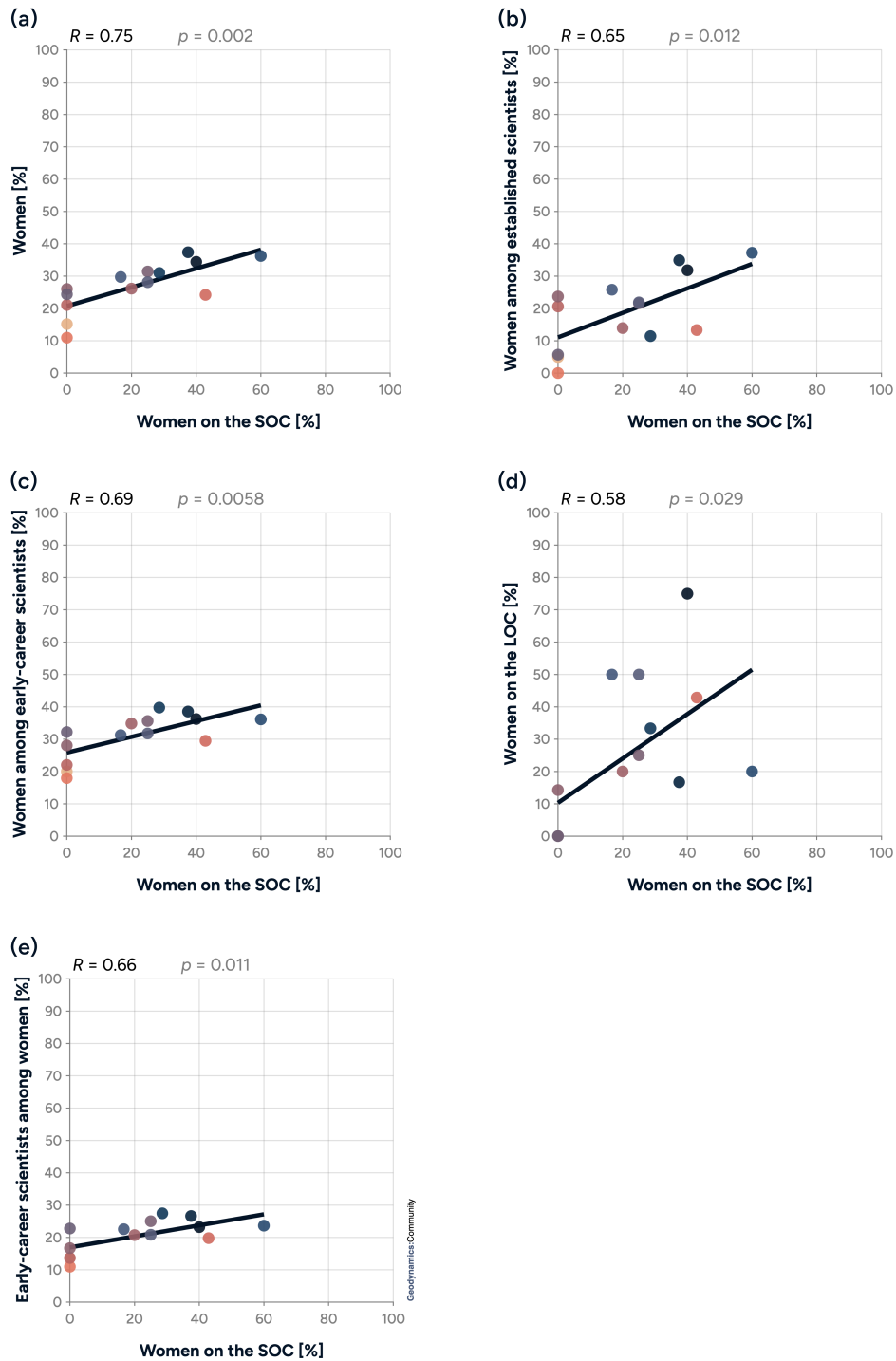


**Figure S4.** Ordinary least squares regression fits showing positive correlations between the percentage of women on the Scientific Organising Committee (SOC) and (a) the percentage of women participants; (b) the percentage of women among established scientists; (c) the percentage of women among ECS; (d) the percentage of women on the LOC; and (e) the percentage of ECS among women at the Ada Lovelace Workshop. Colour scales are the same as in Figure S1.

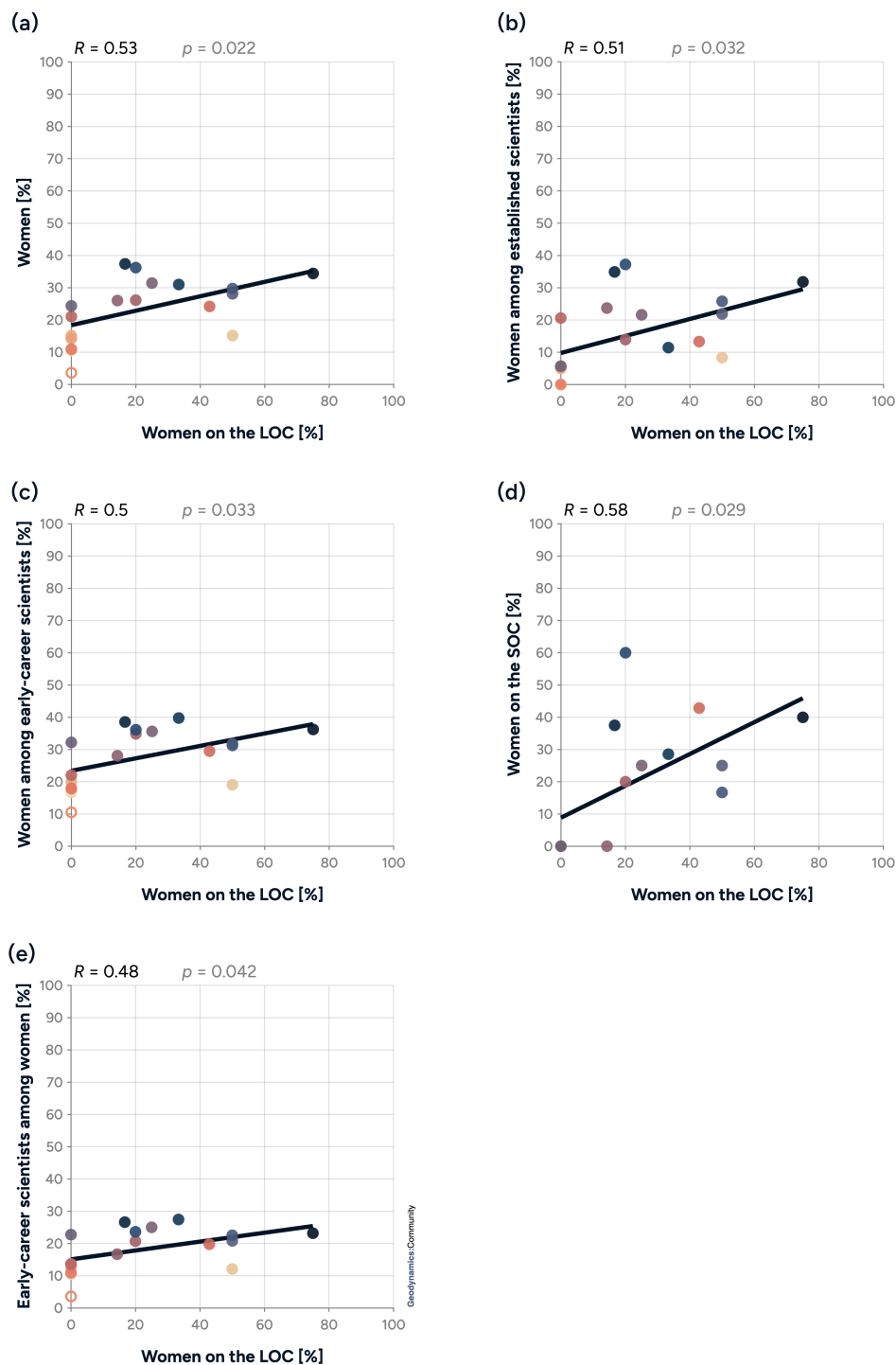


**Figure S5.** Ordinary least squares regression fits showing positive correlations between the percentage of women on the Local Organising Committee (LOC) and (a) the percentage of women participants; (b) the percentage of women among established scientists; (c) the percentage of women among ECS; (d) the percentage of women on the SOC; and (e) the percentage of ECS among women at the Ada Lovelace Workshop. Colour scales are the same as in Figure S1.