Figure A: Principal Coordinates Analysis (PCoA) of Plastisphere communities at 25 °C and 15 °C. The PCoA1 and PCoA2 axes explain 15.04% and 10.05% of the variance, respectively. The Plastisphere points are differentiated by temperature (25 °C in blue, 15 °C in gray) and polymer type (PE in blue triangles, PLA in orange triangles).

Figure B: PCoA of Soil communities at 25 °C and 15 °C. The PCoA1 and PCoA2 axes explain 13.20% and 11.71% of the variance, respectively. The Soil points are differentiated by temperature (25 °C in orange squares, 15 °C in red squares) and polymer type (PE in brown squares, PLA in blue squares).

Figure C: Dissimilarity plot showing the comparison of Soil vs PE at 15 °C and 25 °C. The dissimilarity is significant at p < 0.05.

Figure D: Dissimilarity plot showing the comparison of Soil vs PLA at 15 °C and 25 °C. The dissimilarity is significant at p < 0.001.

Figure E: Dissimilarity plot showing the comparison of Soil vs PE at 15 °C and 25 °C. The dissimilarity is significant at p < 0.05.

Figure F: Dissimilarity plot showing the comparison of Soil vs PLA at 15 °C and 25 °C. The dissimilarity is significant at p < 0.01.

Legend: Soil vs PE, Soil vs PLA, p > 0.05, * p < 0.05, ** p < 0.01, *** p < 0.001.