

**Organic overloading affects the microbial interactions during
anaerobic digestion in sewage sludge reactors**

Supplementary Figures

Guilherme H. R. Braz[†], Nuria Fernandez-Gonzalez^{†*}, Juan M. Lema[†], Marta Carballa[†]

[†] Department of Chemical Engineering, Institute of Technology, Universidade de Santiago de Compostela, Constantino Candeira s/n, 15782 Santiago de Compostela, Galicia, Spain

*Corresponding author: nuria.fernandez@usc.es



Fig. A1. Community composition profiles in R1 and R2 of *Bacteria* community at *phylum* level (A), at the most detailed taxonomic level available (B) and at the most detailed taxonomic level available for *Archaea* domain (C) during all sampling times of periods 1 and 2. Time is expressed as day - hour of the day. Only taxa exceeding 1% on average relative abundances are show.

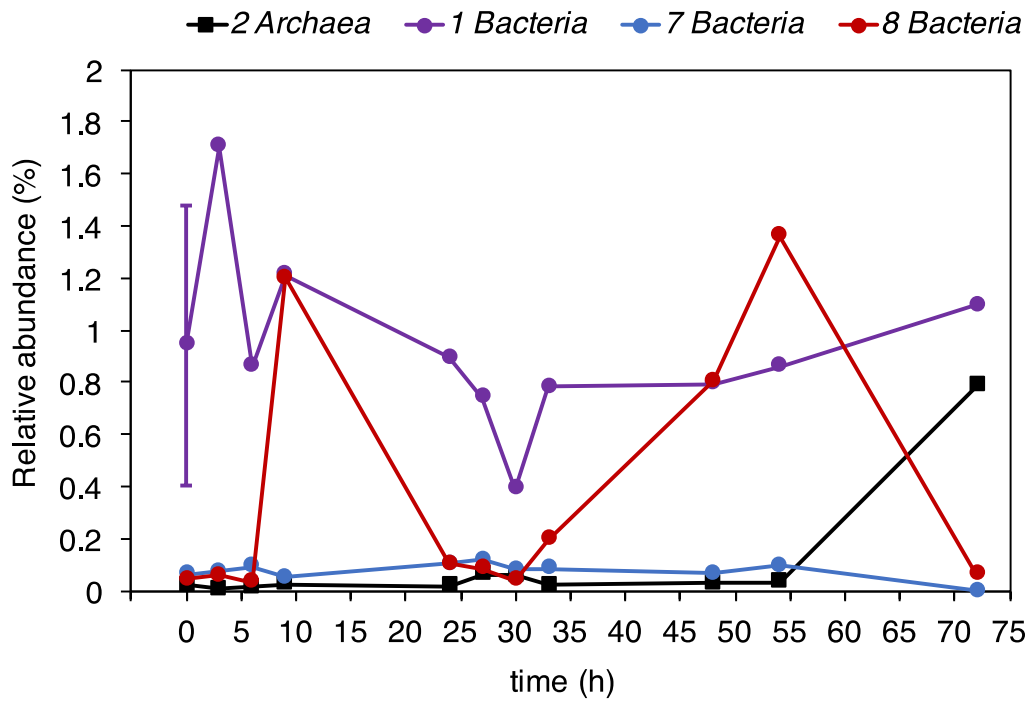


Fig. A3. Temporal trends of the accumulated relative abundances of the minor clusters of co-occurring microorganisms divided by domain during organic overloading. For comparison, average values during period 1 are also shown and denoted as time 0 where error bars indicate standard deviations. Clusters were considered as minor if the total accumulated relative abundance by domain was lower than 5% on any sample.