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**Project title**: Tackling Recycling of Plastics via Reaction-Separation Engineering

**Publications**: (based on this data, if any) Synergistic Dual Catalytic System and Kinetics for the Alcoholysis of Poly(Lactic Acid) <https://doi.org/10.3390/pr9060921>

The following files have been archived: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)** |
| Preliminary | Excel file that contains data for the preliminary experiments used in the publication. File contains experiments related to the *Mixed Catalyst Methanolysis* section of the paper.Data is obtained from gas chromatography (GC) spectra.  |
| Methanol | Excel file that contains data for the methanol experiments used in the publication. File contains experiment data related to; *Rate of Production of Alkyl Lactate, Conversion, Selectivity, and Yield of Methyl Lactate during PLA Methanolysis,* sections of the paper.Data is obtained from (GC) spectra and some experiments have data obtained from 1H NMR.  |
| Ethanol  | Exel file that contains data for the ethanol experiments used in the publication. File contains experiment data related to, *Rate of Production of Alkyl Lactate,* section of the paper.Data is obtained from (GC) spectra and some experiments have data obtained from 1H NMR.  |