

# R Code for Modelling Gasification and Related Processes

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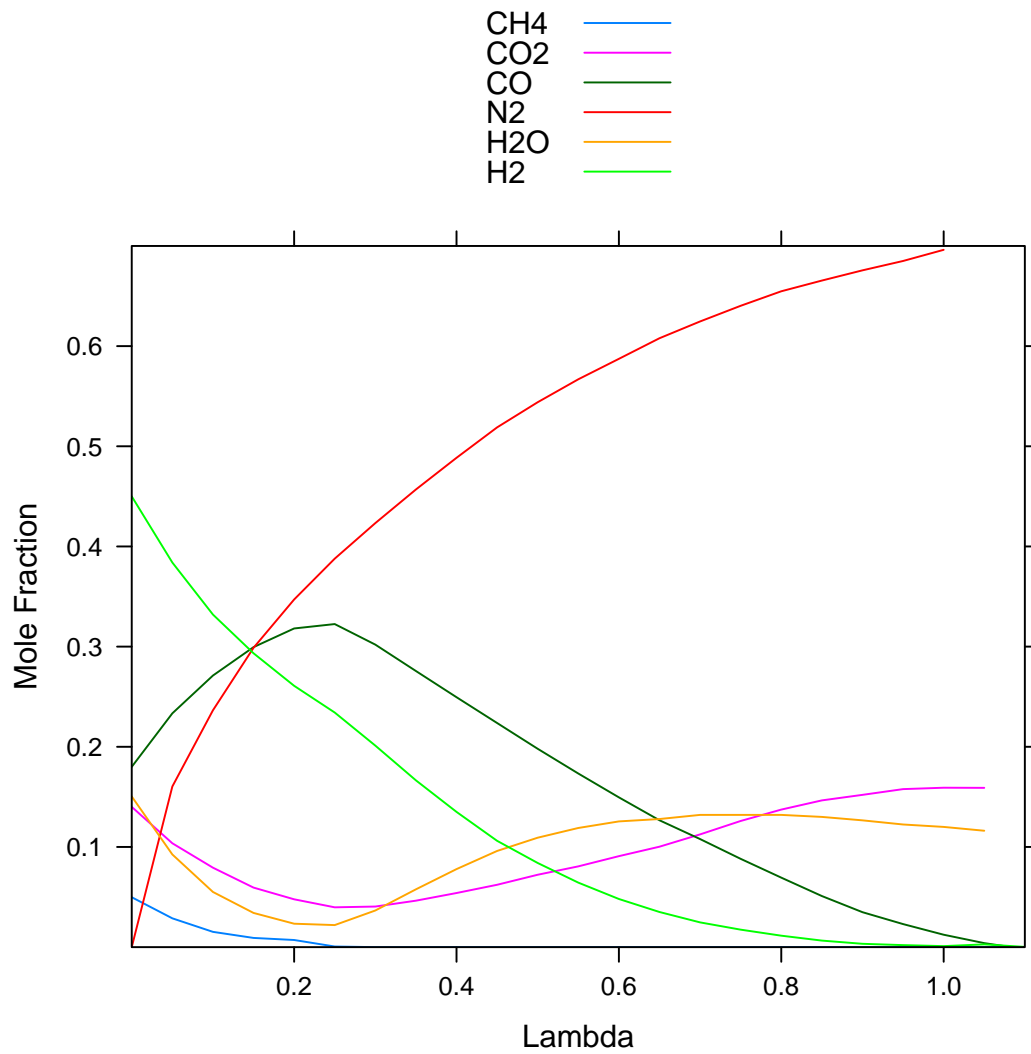
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# 1 Description

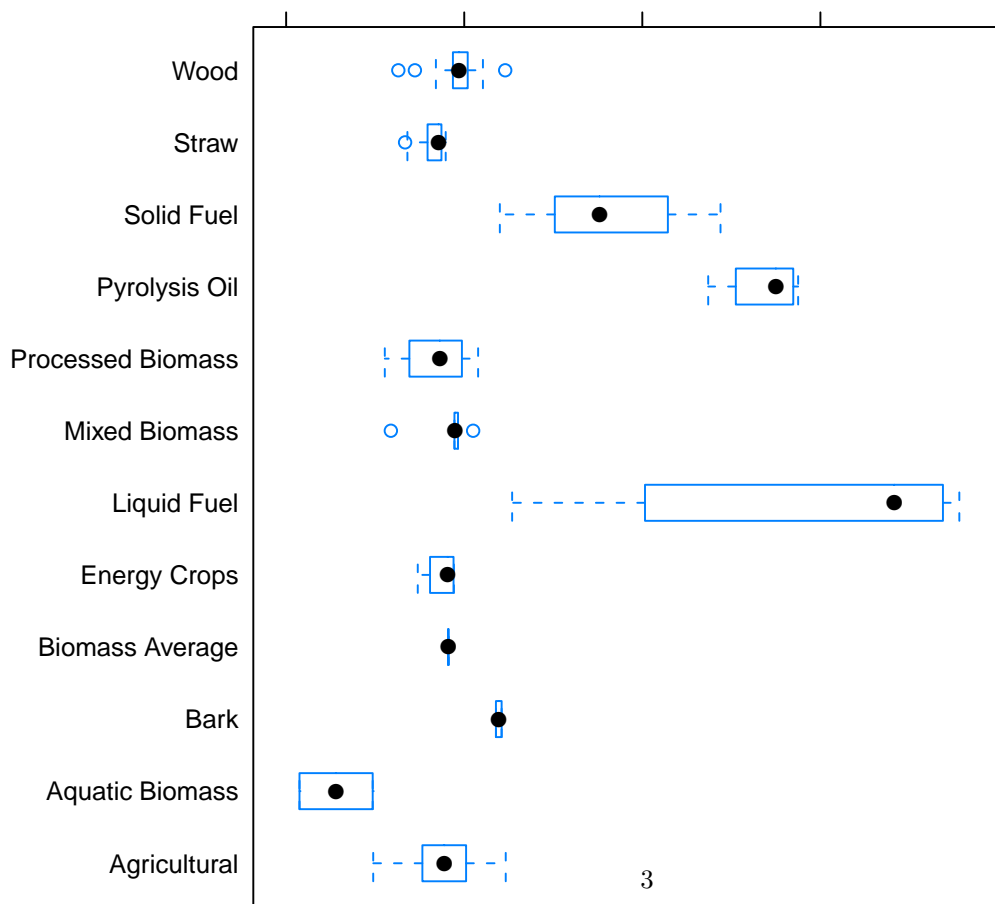
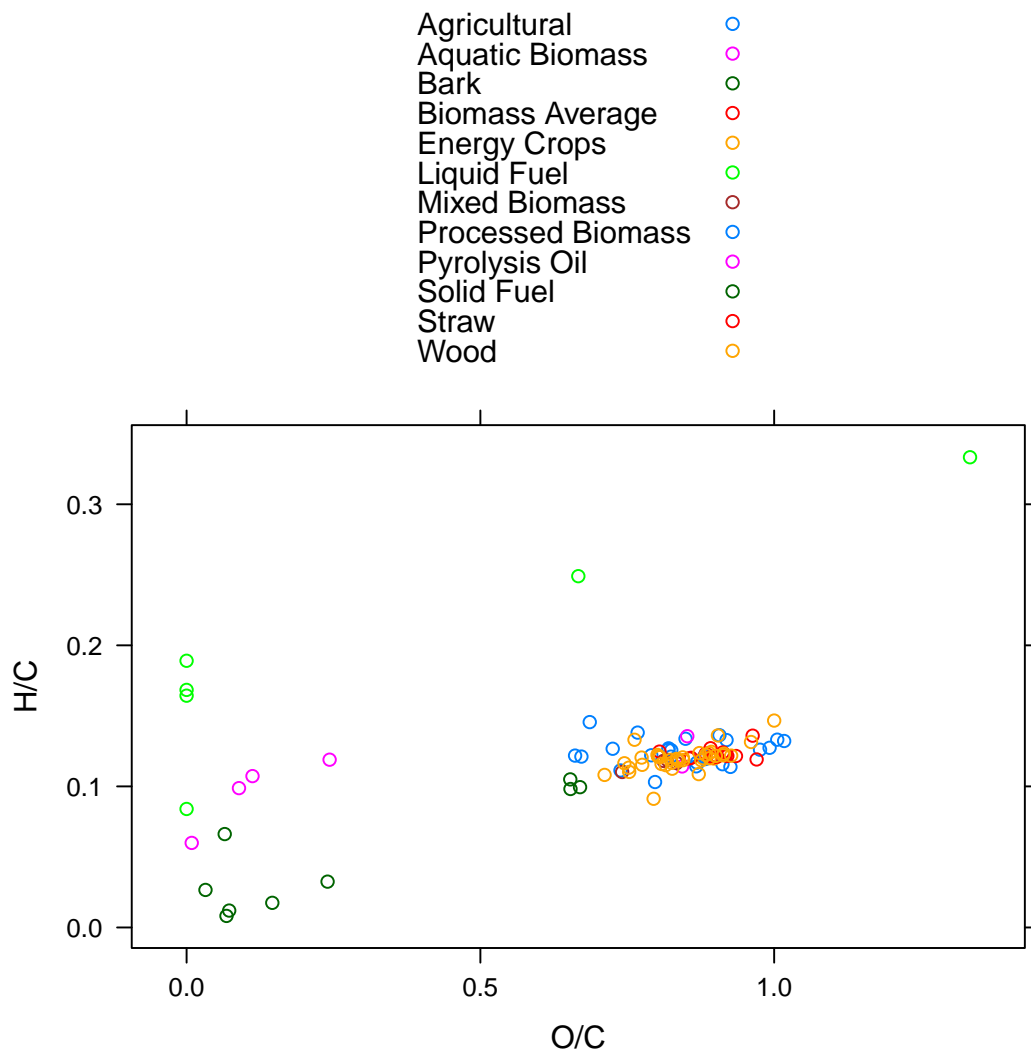
The code here is used to help in modelling gasification reactions and related processes.

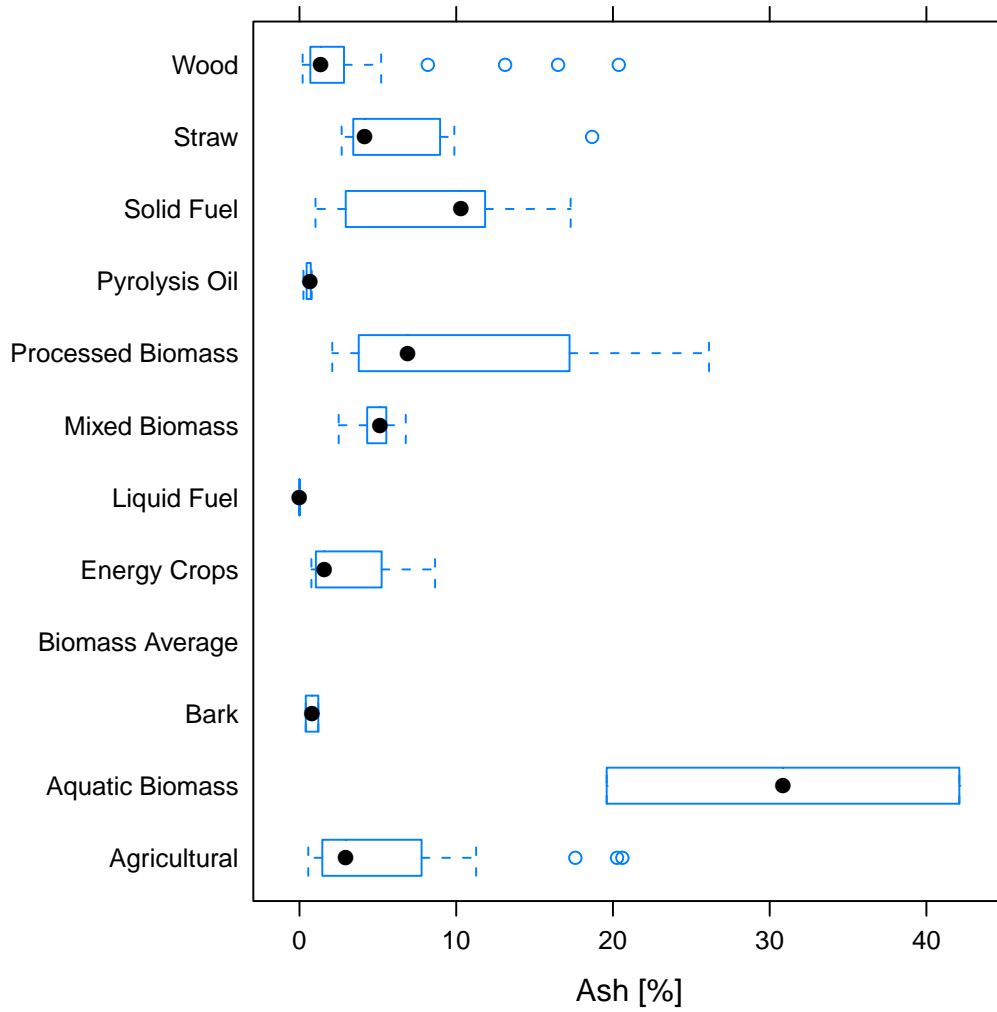
## 2 Graphs

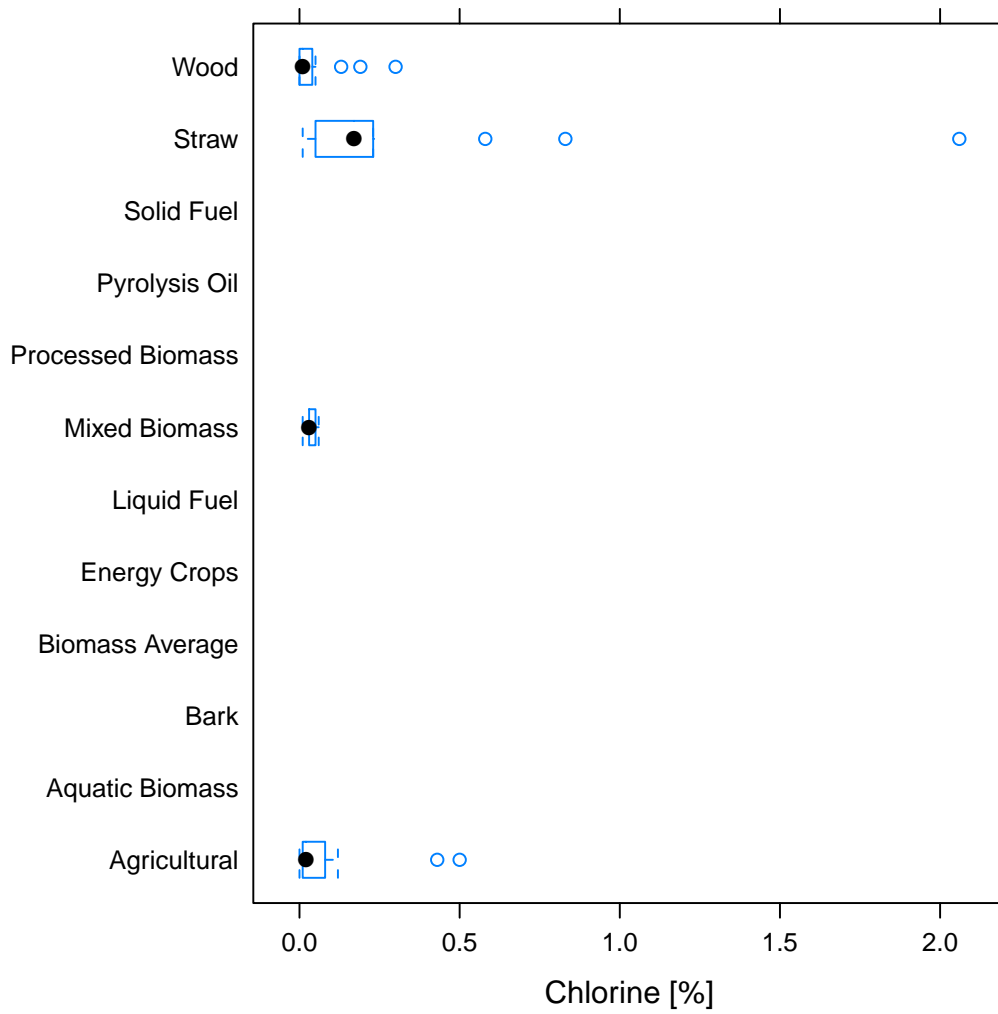
### 2.1 Gasification Gas Composition vs. Lambda



### 3 Van Krevelen Diagram







	Class	Entity	Fixed.Carbon	Volatiles	Ash	C	H	O	N
87	Aquatic Biomass	Water Hyacinth (Florida)		80.40	19.60	40.30	4.60	33.99	1.51
88	Aquatic Biomass	Brown Kelp,Giant, Soquel Point		57.90	42.10	27.80	3.77	23.69	4.63

Table 1: Data for Aquatic Biomass

## 4 Combustion

