

**Regularised\_parameter\_summary****GEARS results**

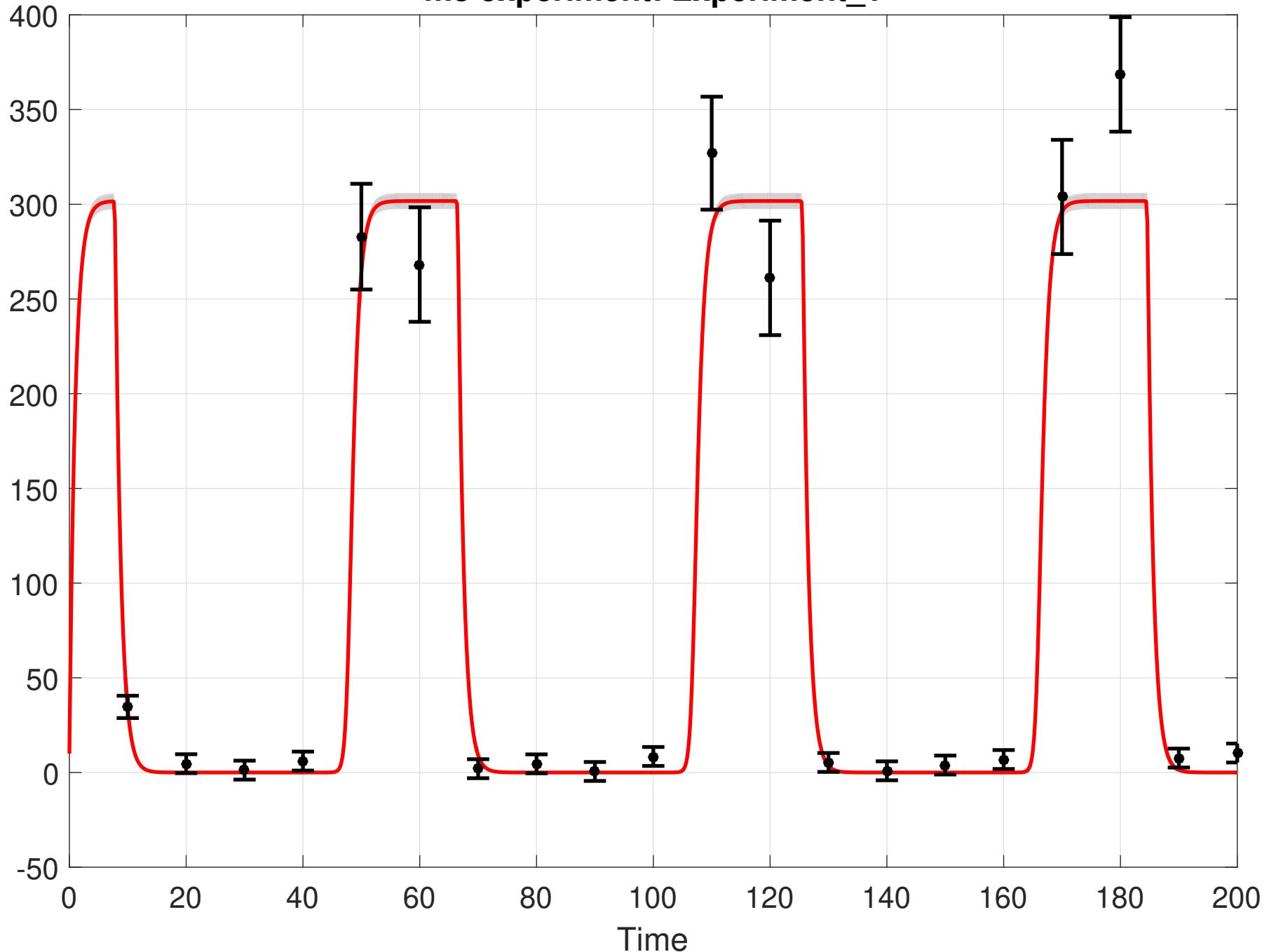
	<b>Parameter</b>	<b>Value</b>	<b>Confidence (95%)</b>	<b>Coeff of var (%)</b>	<b>Bounds status</b>	
1	alpha0	0.001	+8.85504e-05	4.5179	Lower bound active	
2	alpha1	301.7344	+ 18.4301	3.1164	Bounds not active	
3	n	8.613924	+ 0.76976	4.5593	Bounds not active	
4	beta1	0.2950103	+ 0.0043834	0.75808	Bounds not active	

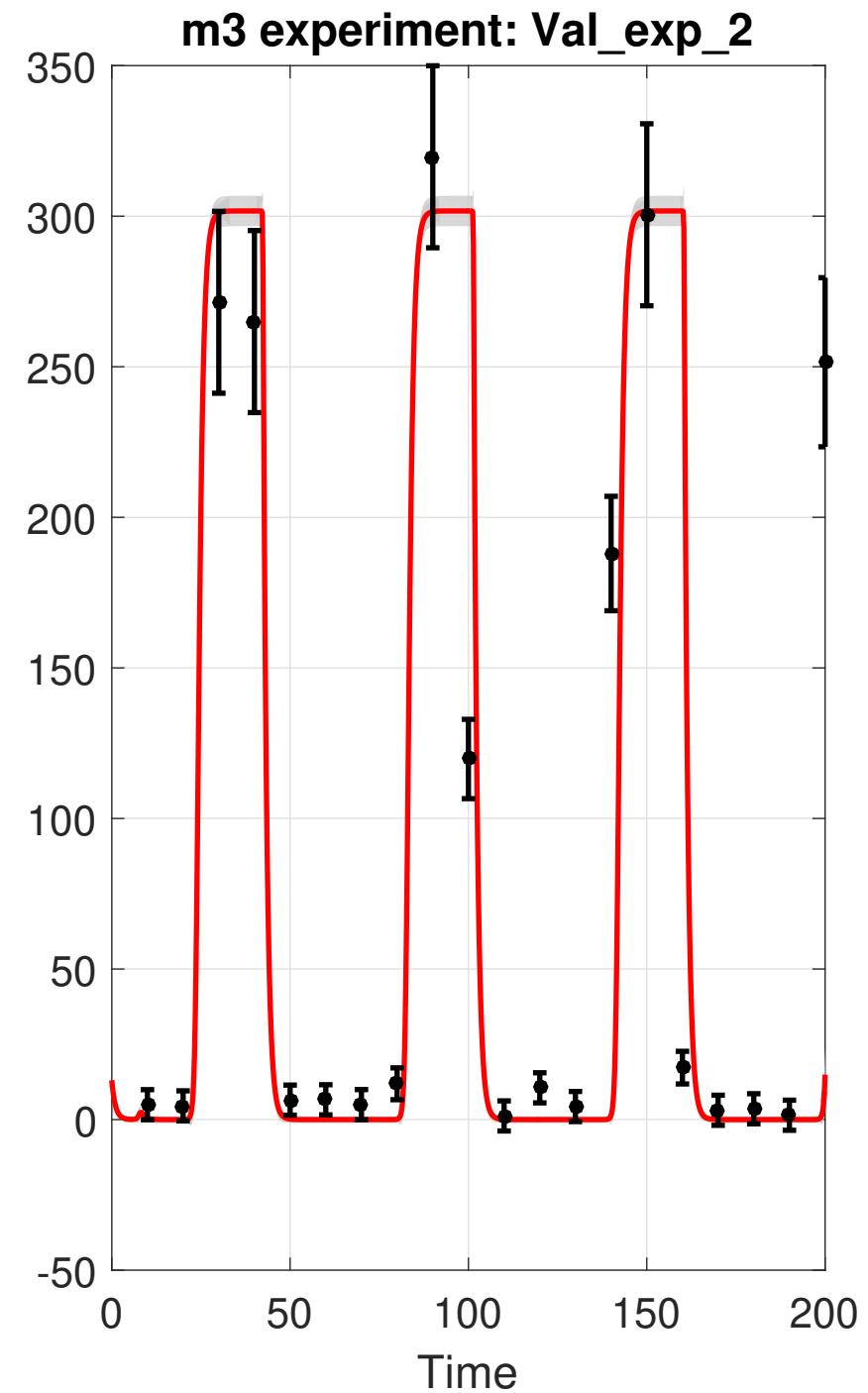
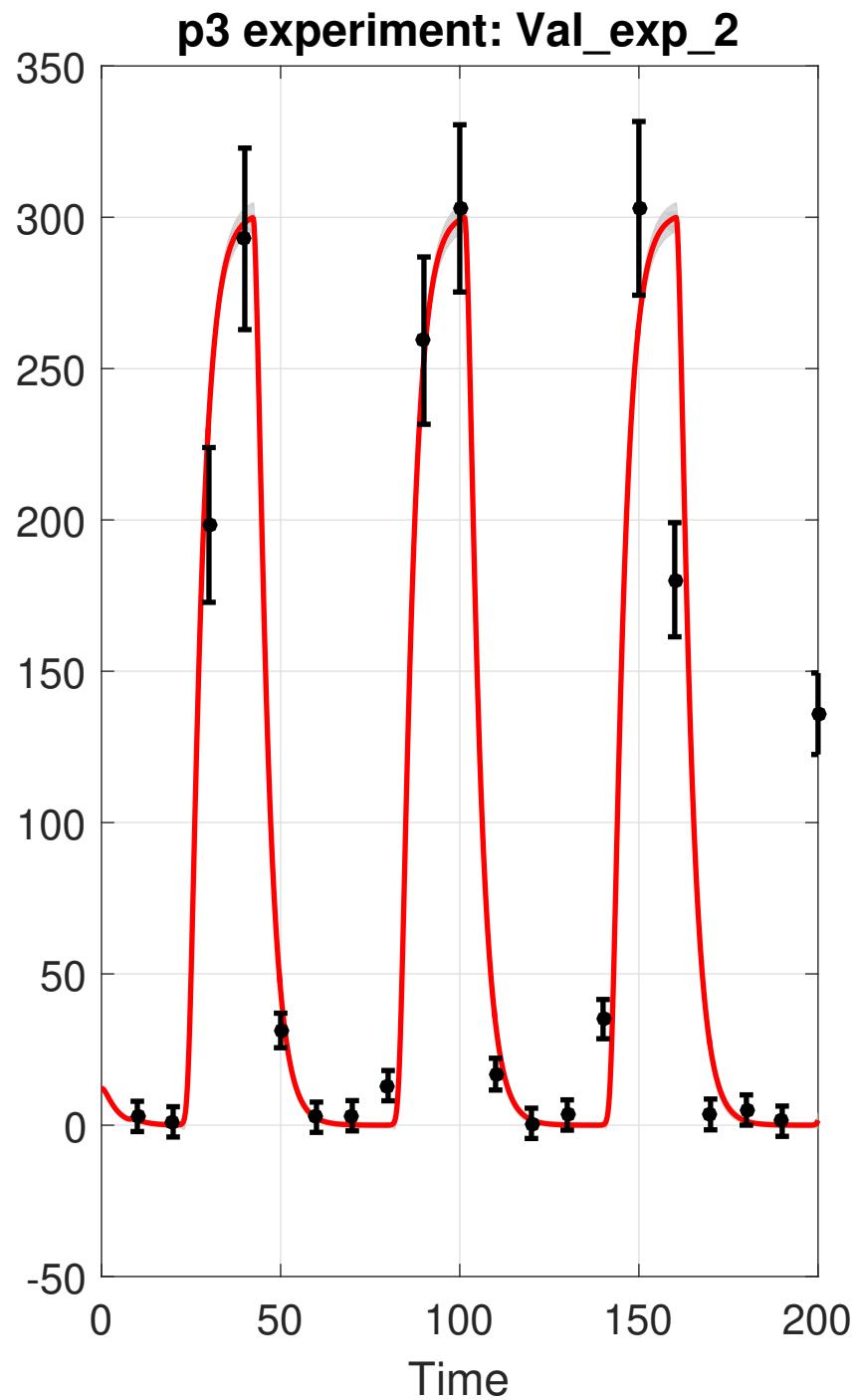
The FIM's condition number is: 43447664540.6113. It is highly likely that a lack of identifiability exists here. Metrics calculated using the FIM are probably artefacts.

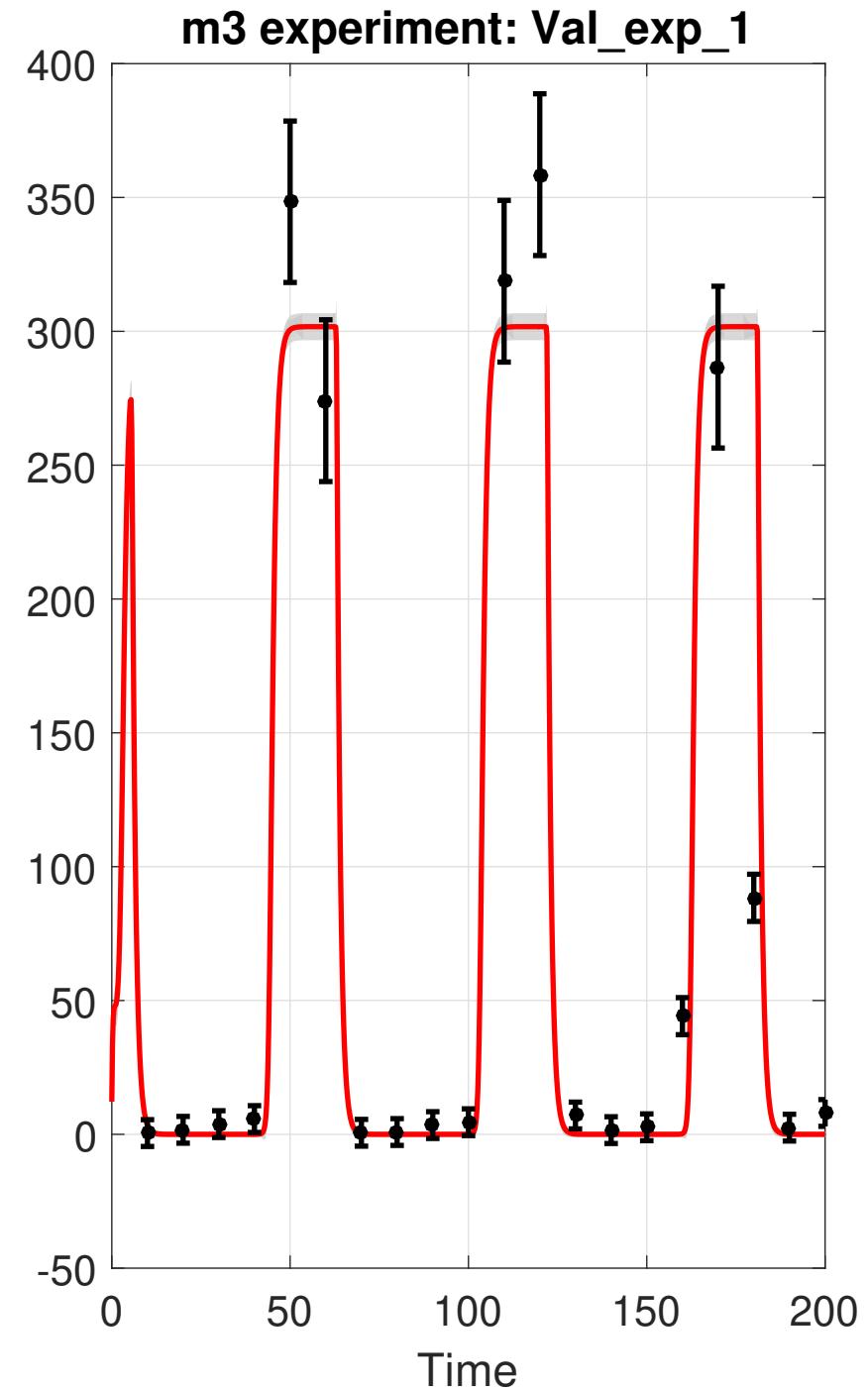
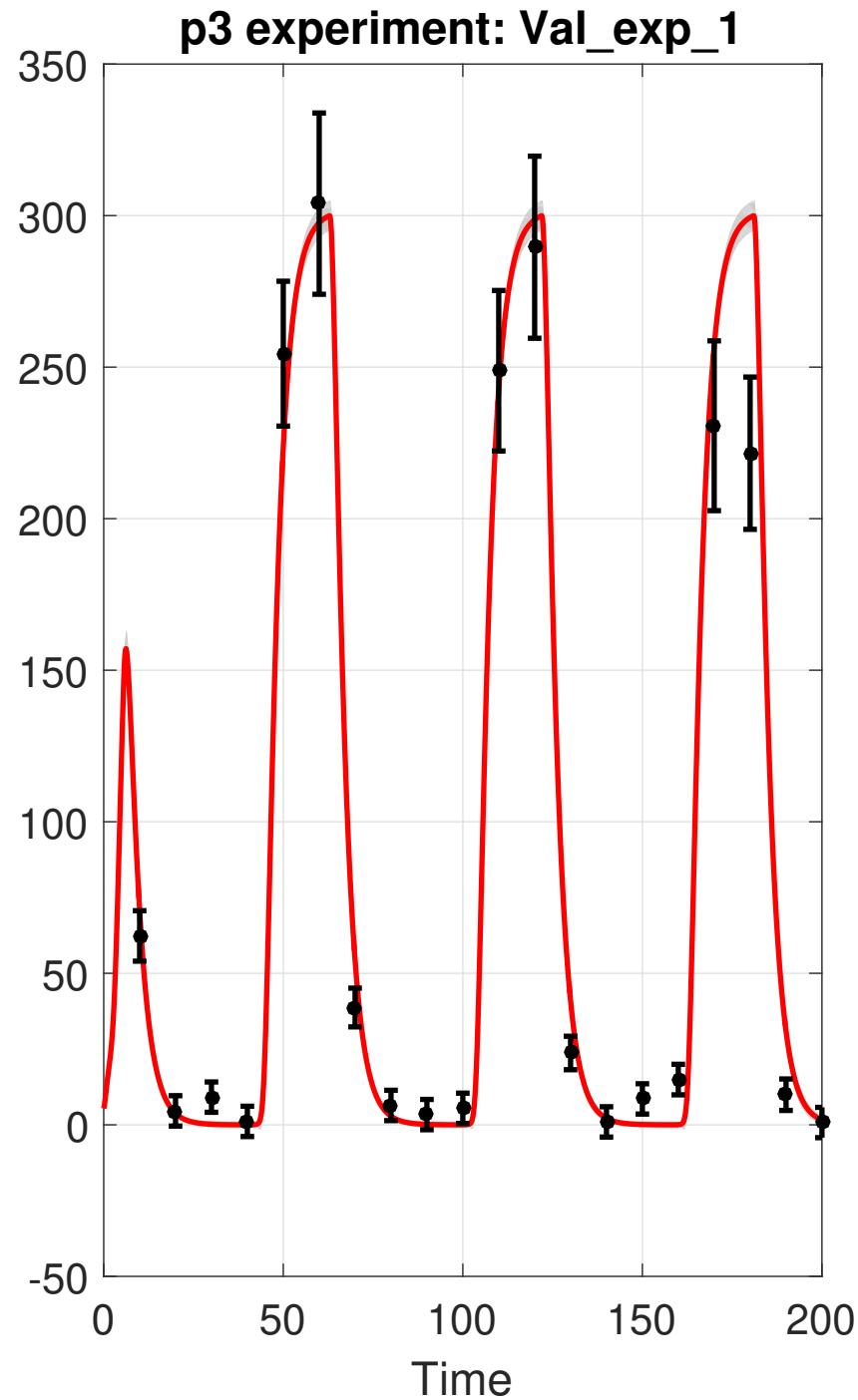
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## Regularised\_fit\_with\_uncertainty

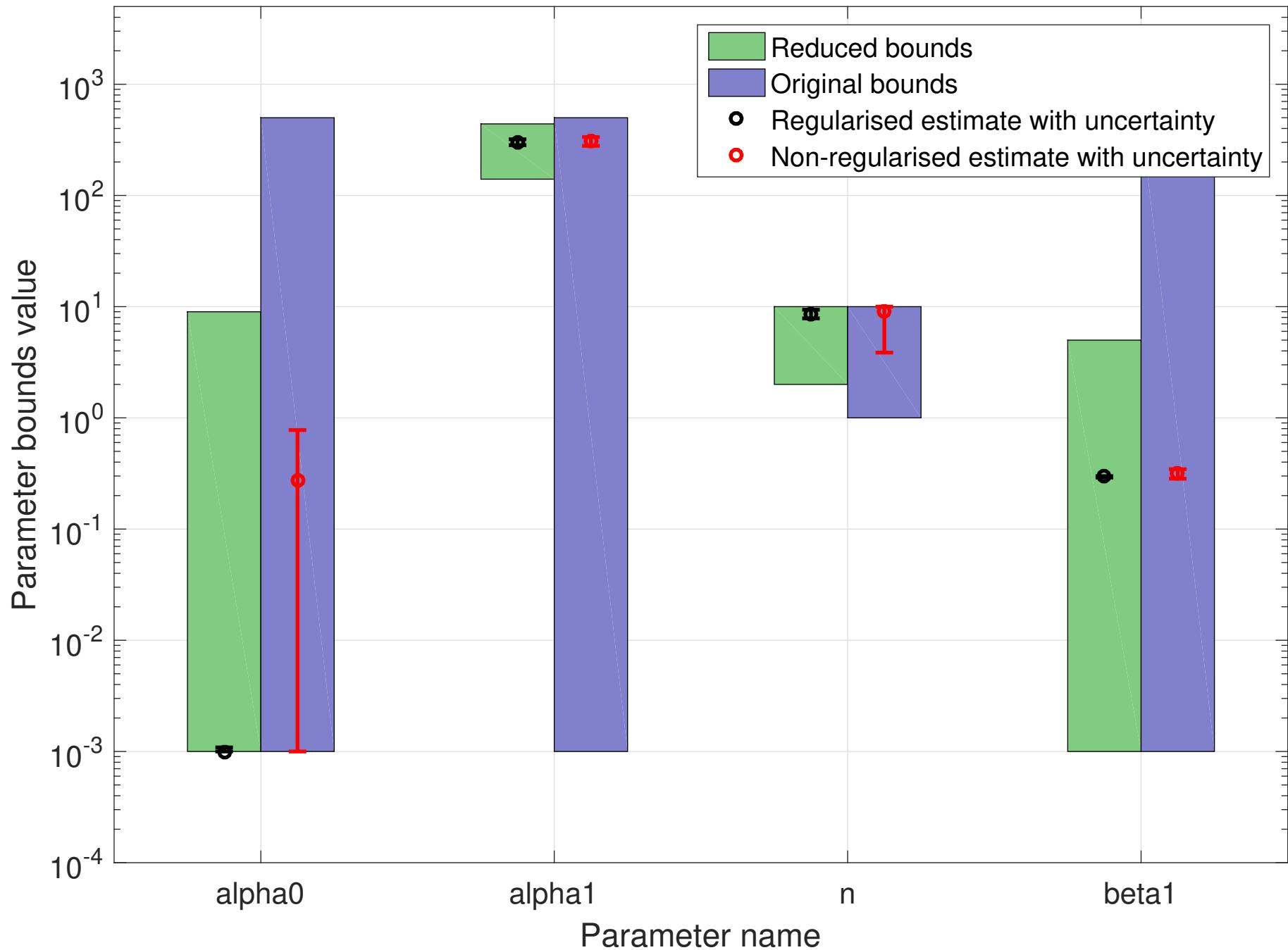
### m3 experiment: Experiment\_1

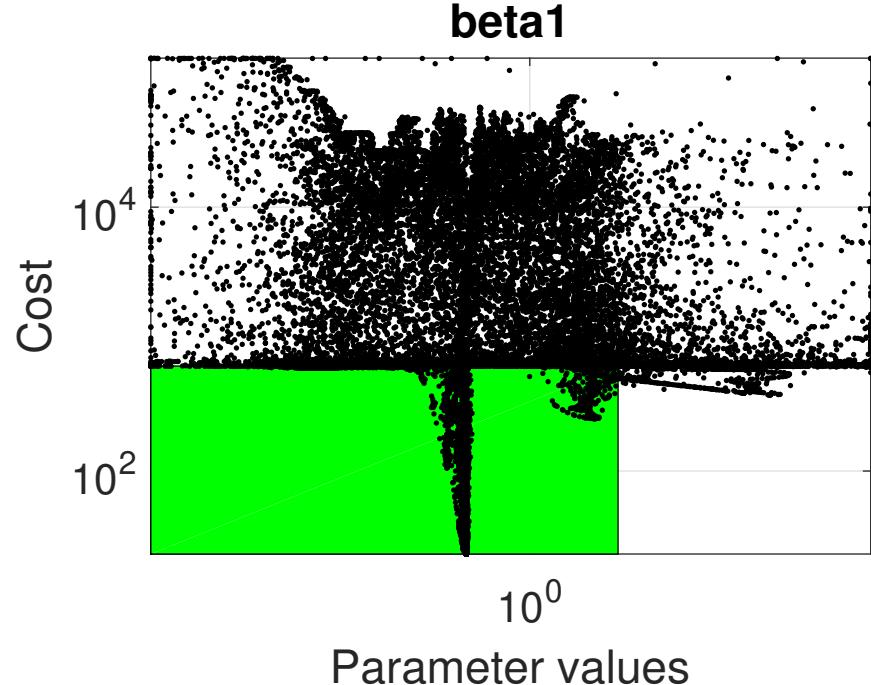
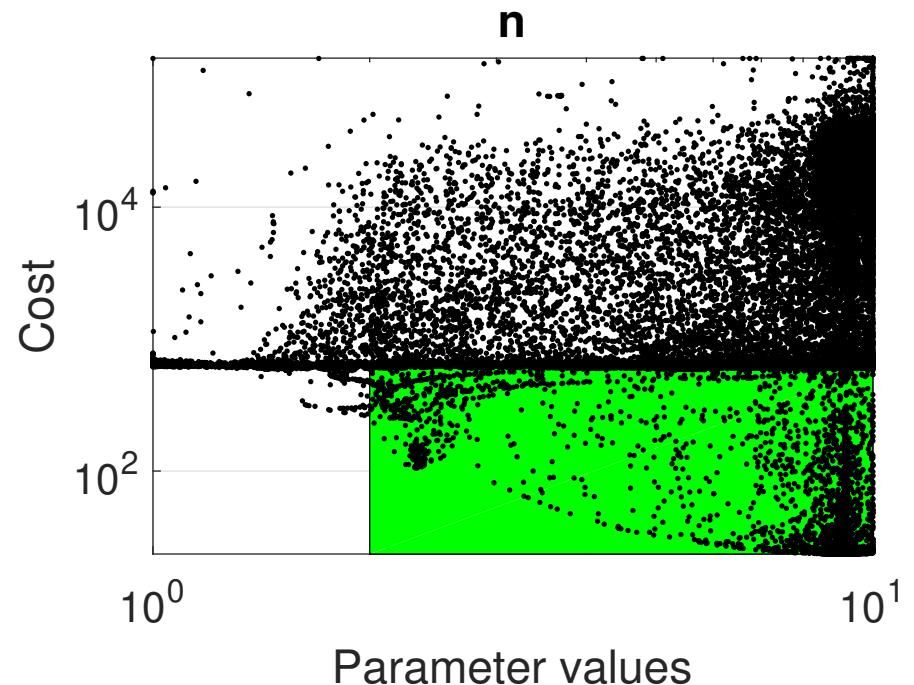
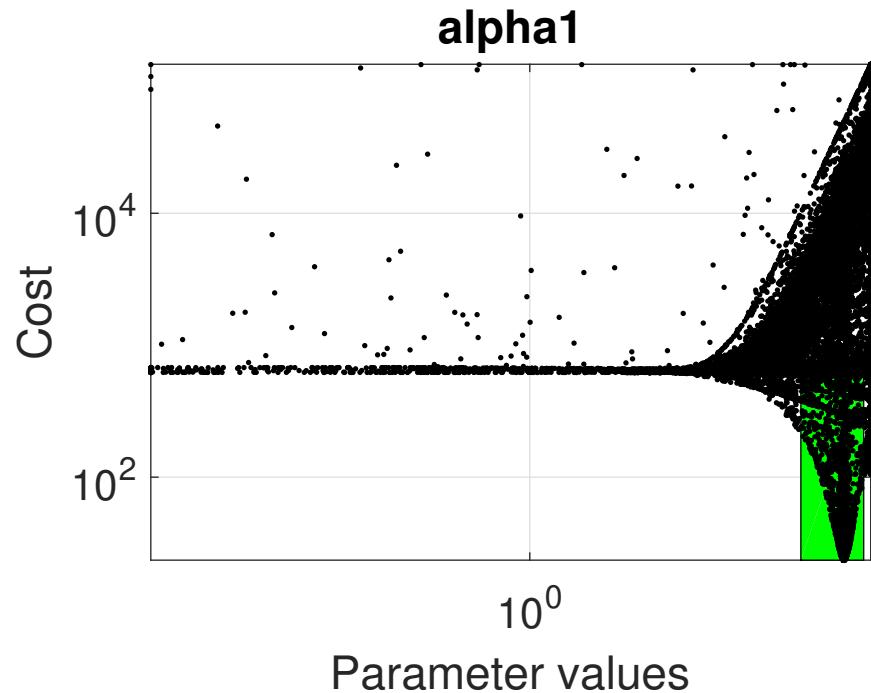
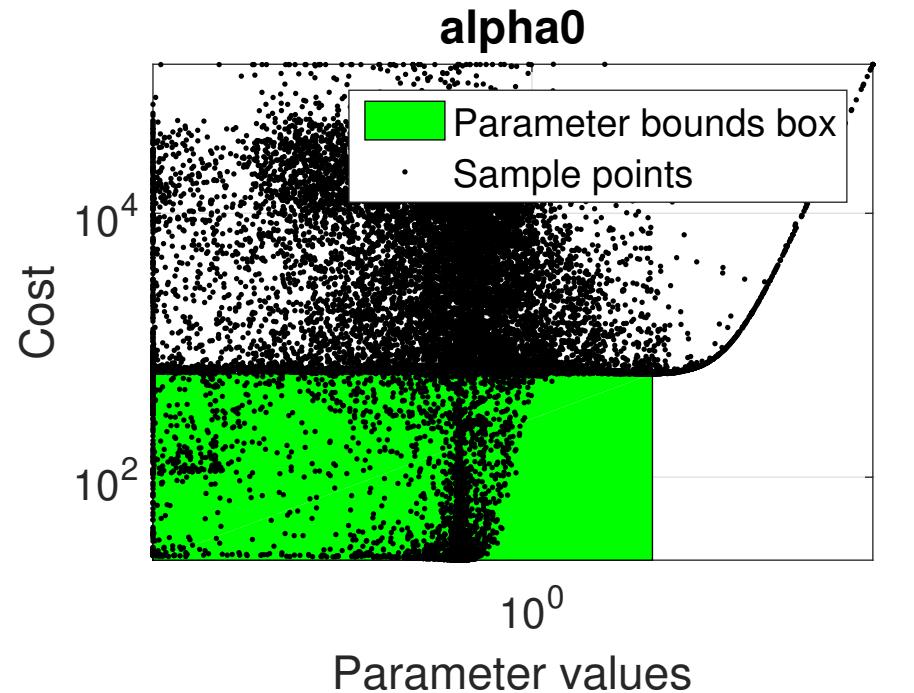


**Regularised\_validation\_with\_uncertainty**

**Regularised\_validation\_with\_uncertainty**

## Bounds\_param\_confidence\_plot

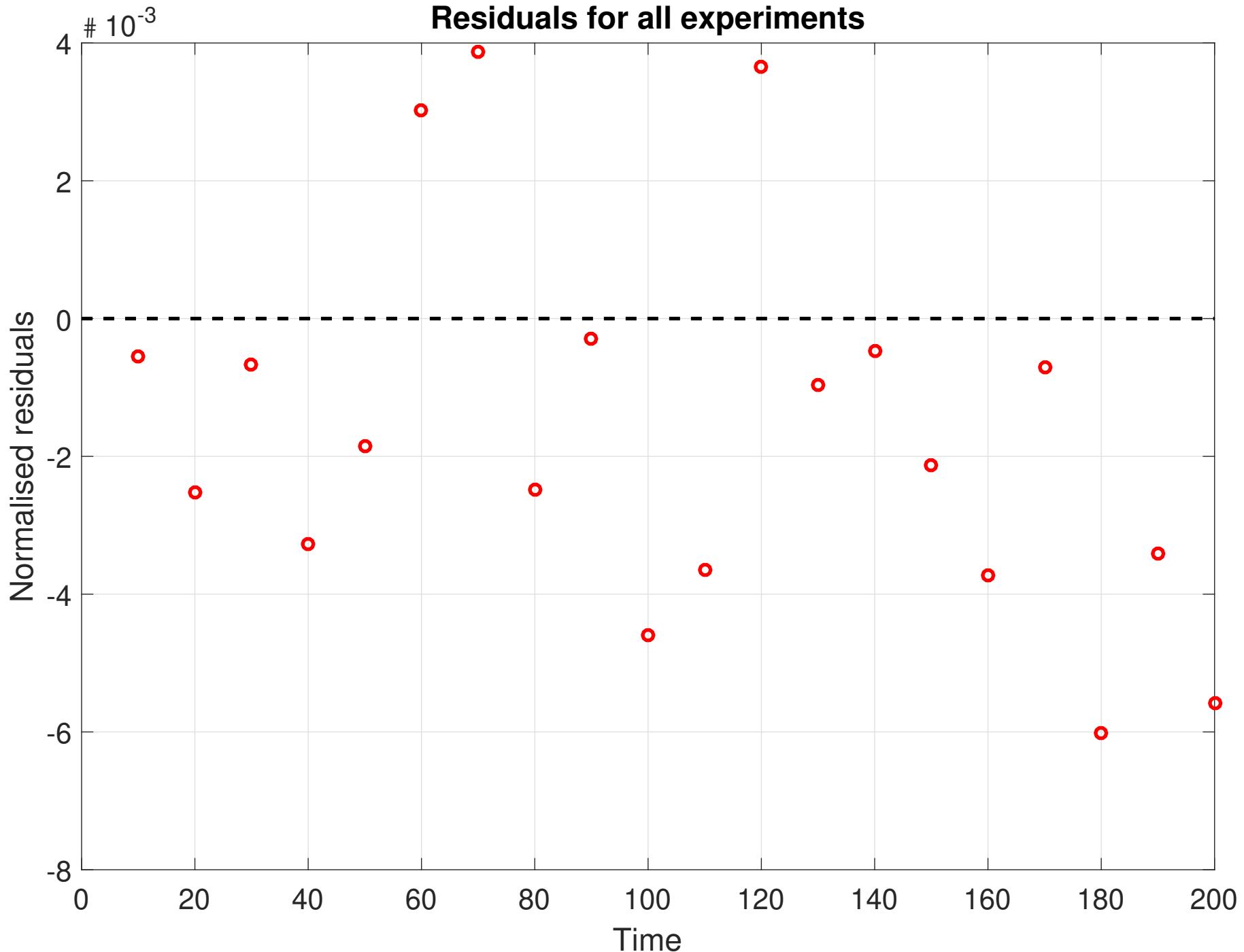


**Sample\_plot**

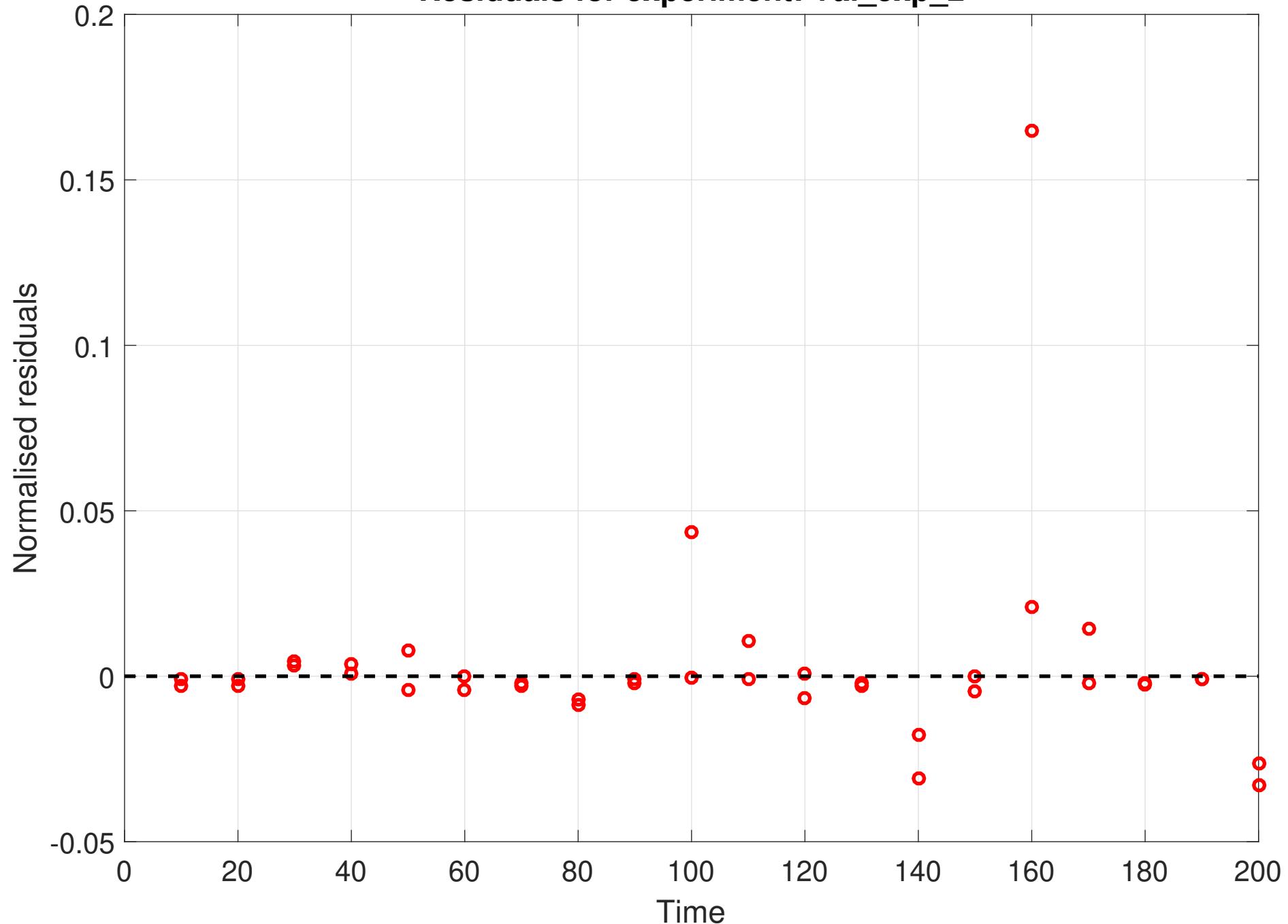
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## Regularised\_fitting\_residuals

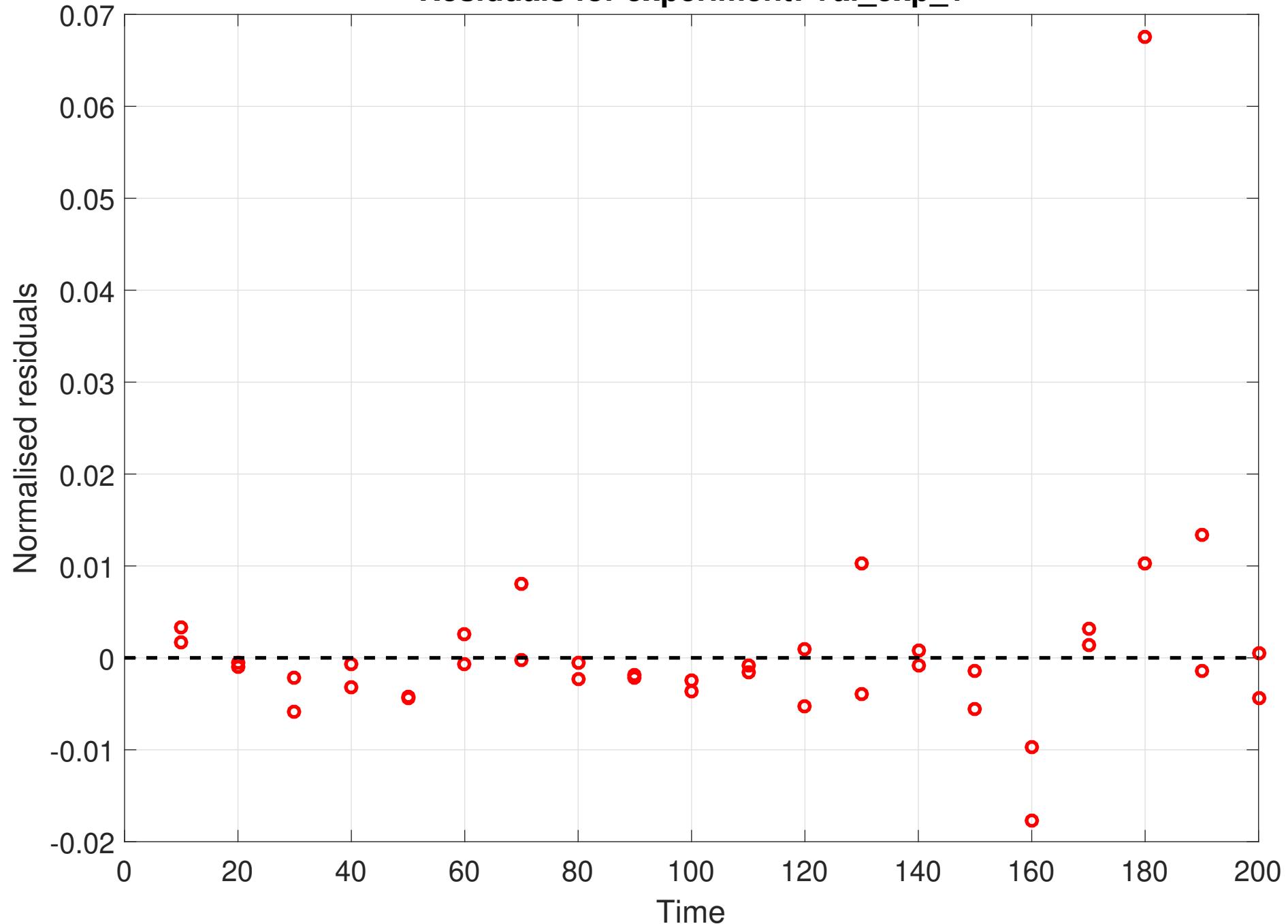
### Residuals for all experiments



**Regularised\_validation\_residuals**  
**Residuals for experiment: Val\_exp\_2**

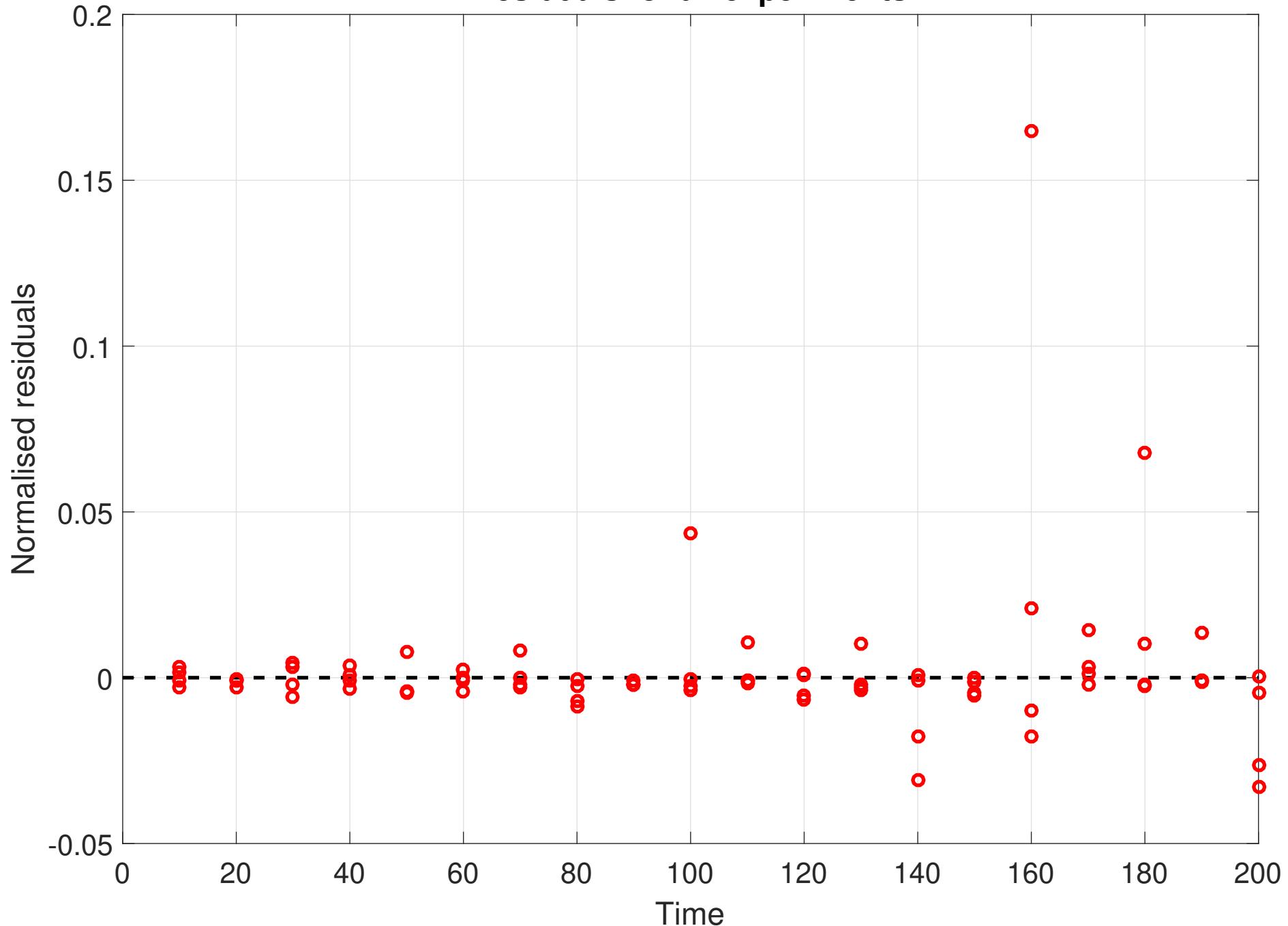


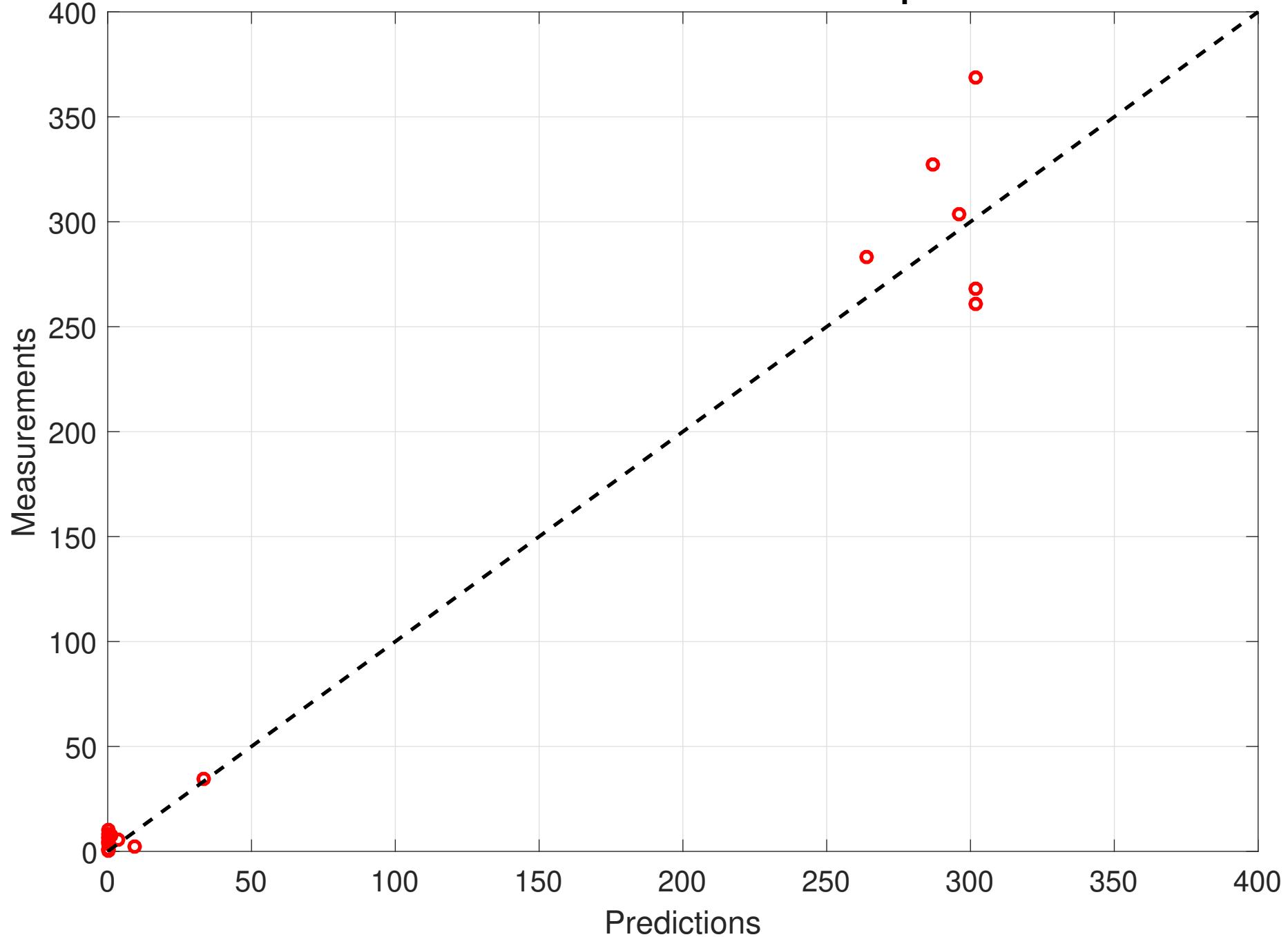
**Regularised\_validation\_residuals**  
**Residuals for experiment: Val\_exp\_1**



# Regularised\_validation\_residuals

## Residuals for all experiments

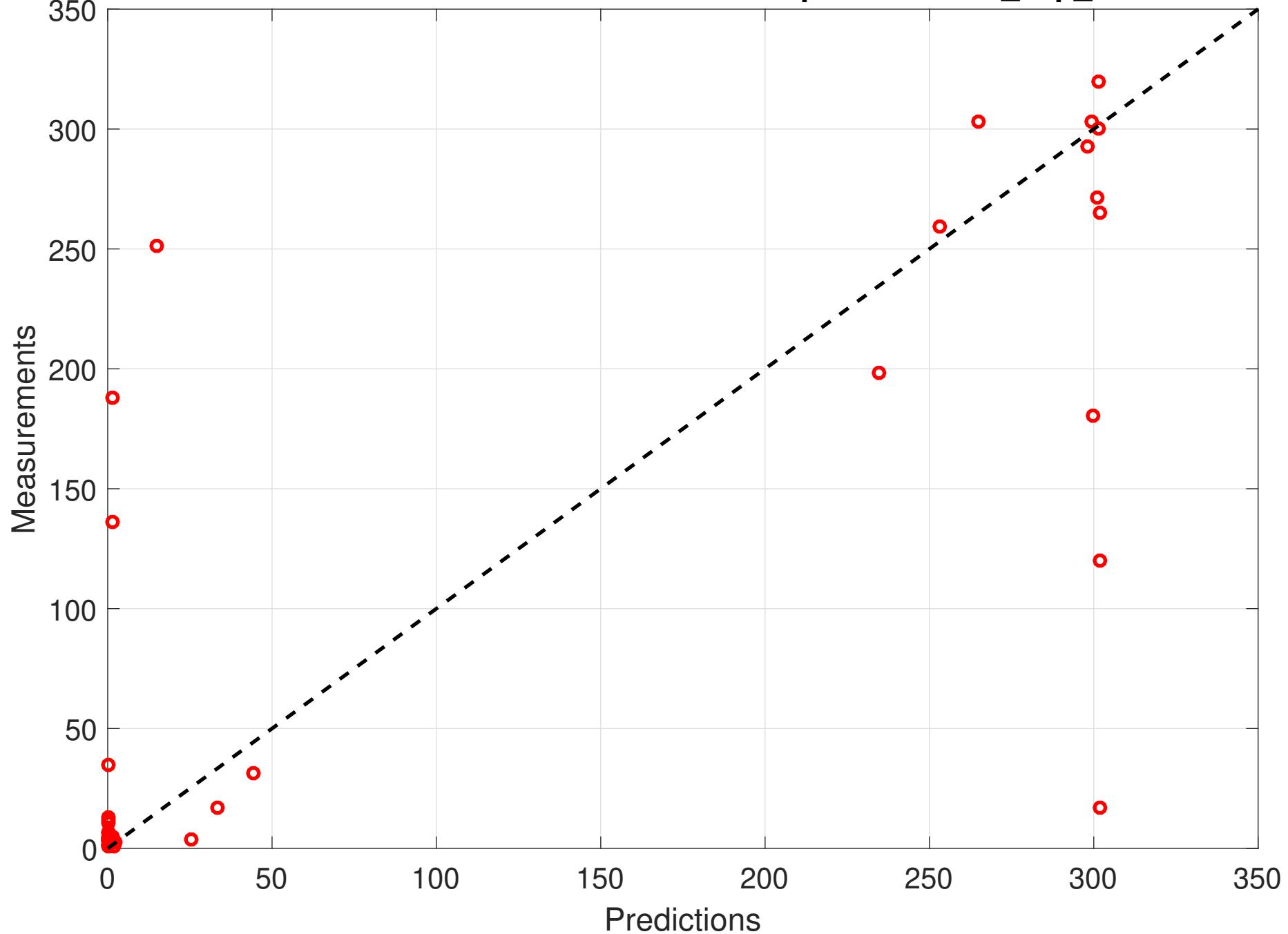


**Regularised\_fitting\_pred\_vs\_meas****Predictions vs Measurements for all experiments**

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## Regularised\_validation\_pred\_vs\_meas

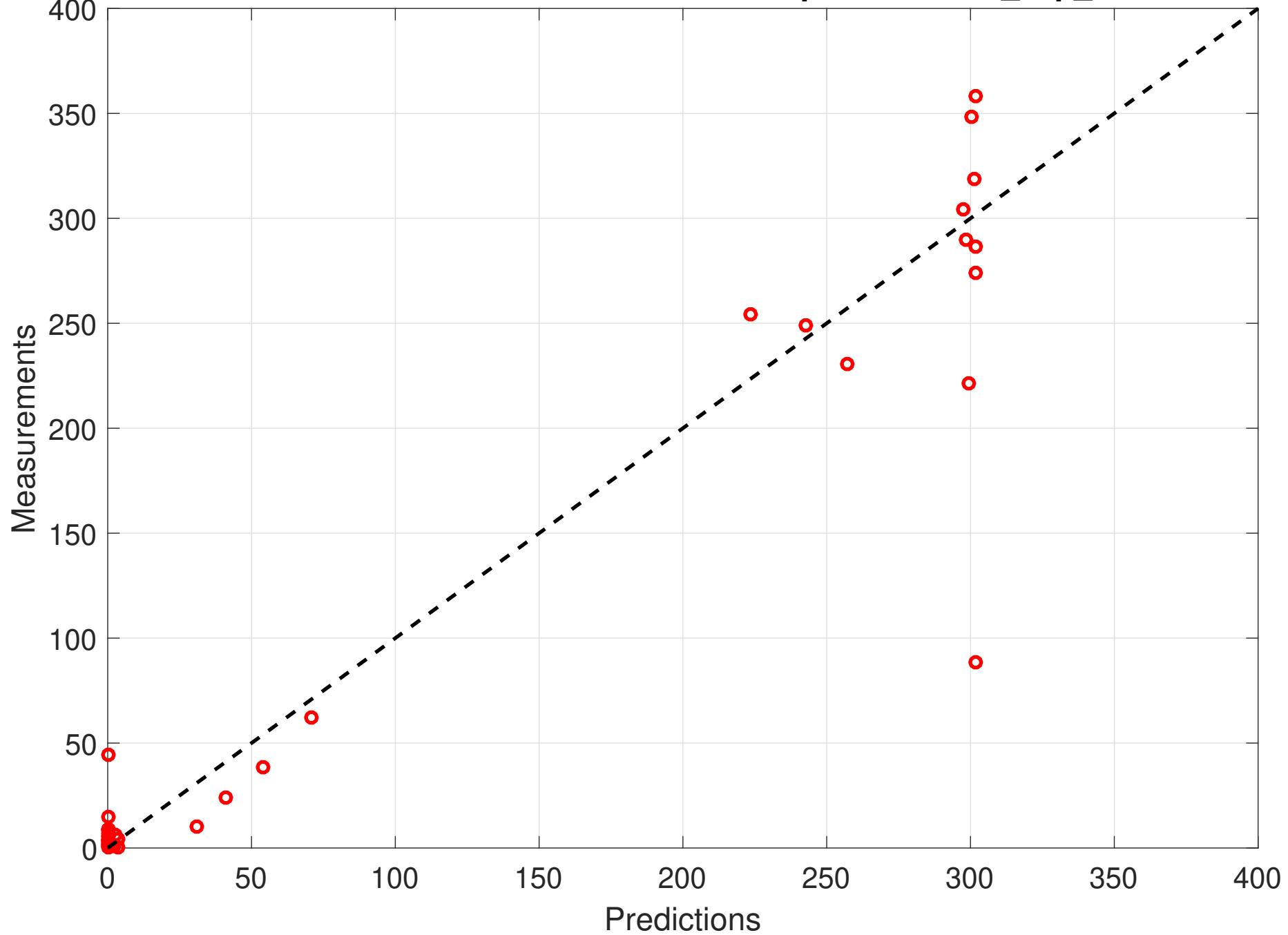
### Predictions vs Measurements for experiment: Val\_exp\_2



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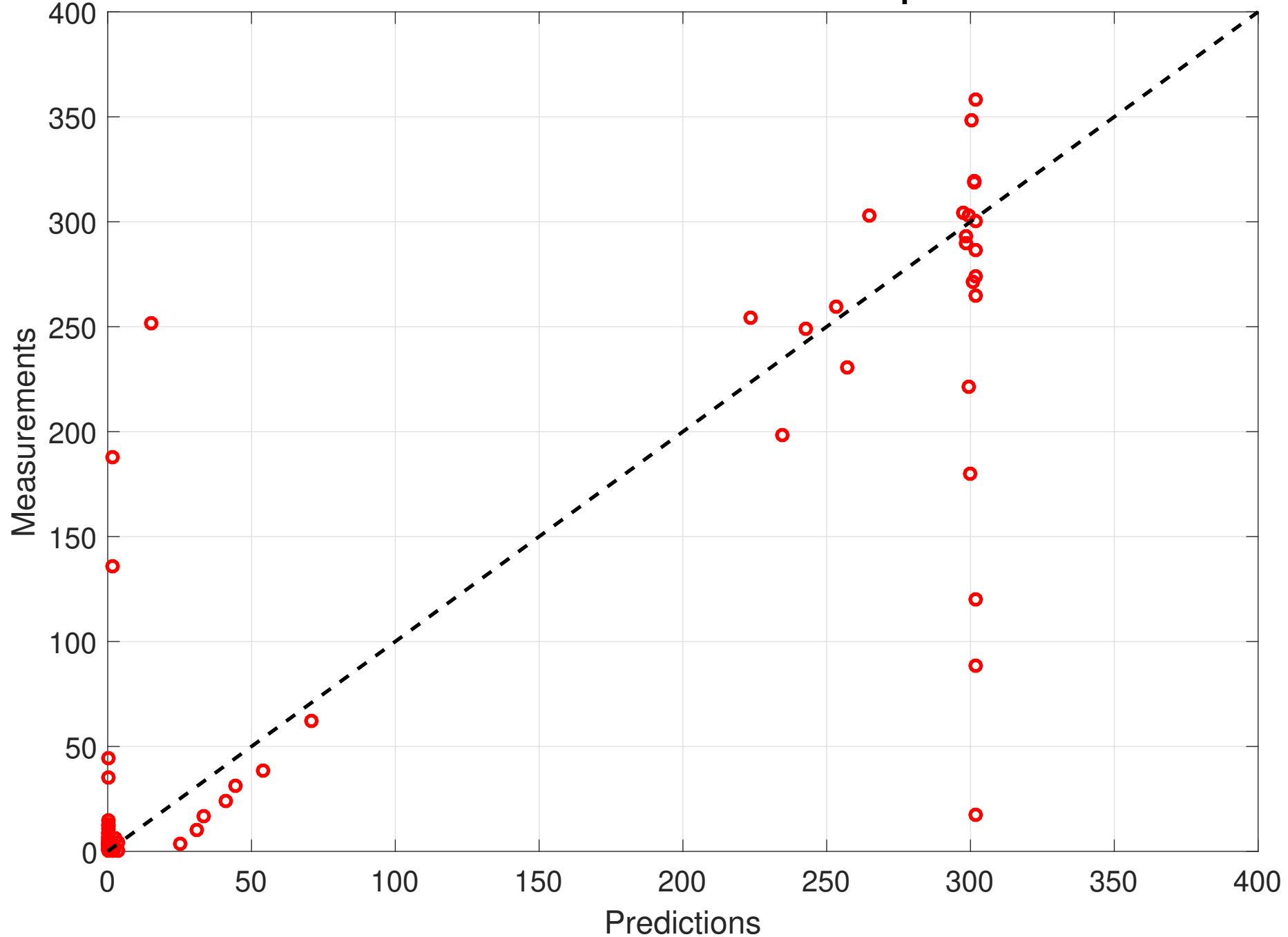
## Regularised\_validation\_pred\_vs\_meas

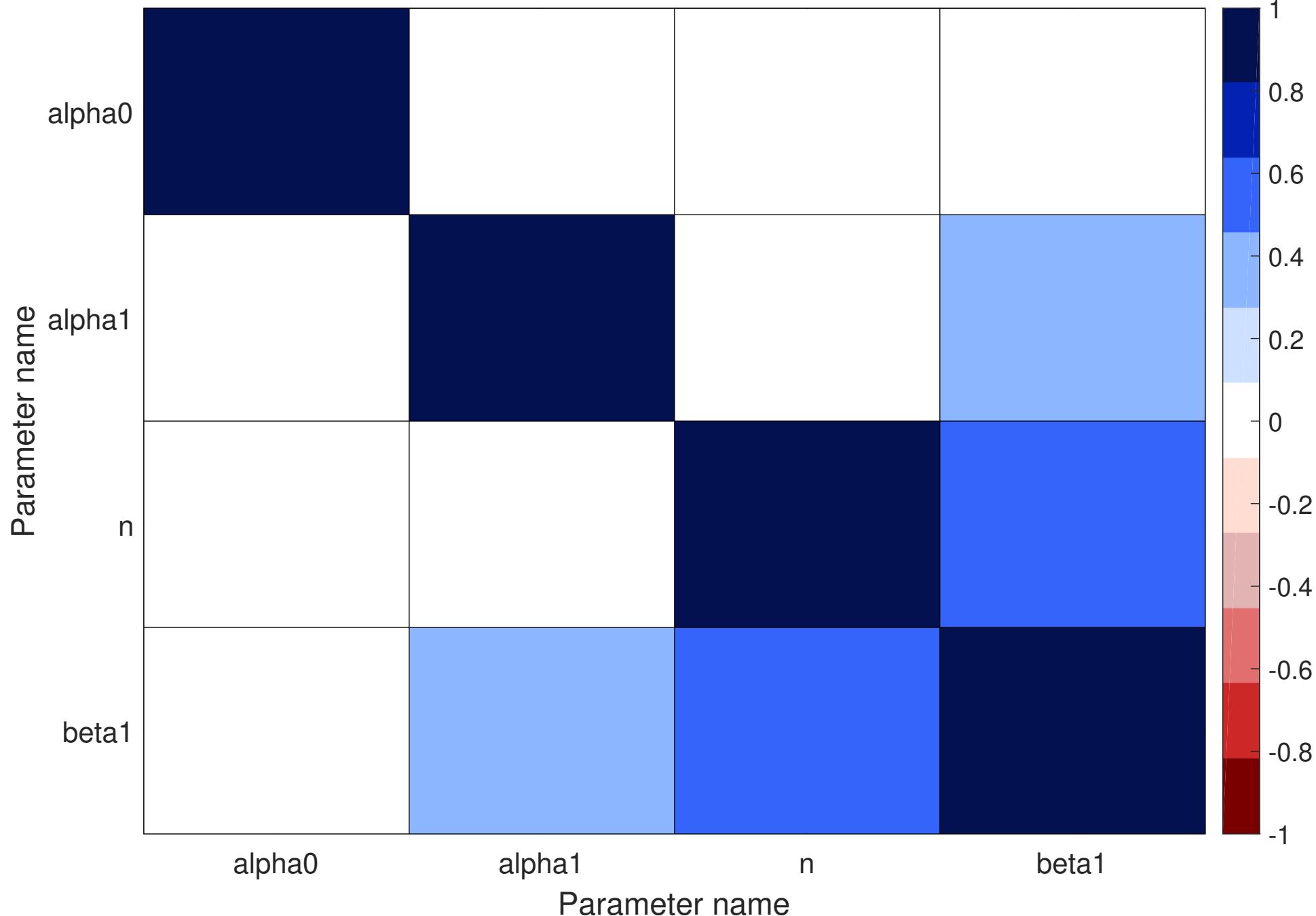
### Predictions vs Measurements for experiment: Val\_exp\_1



## Regularised\_validation\_pred\_vs\_meas

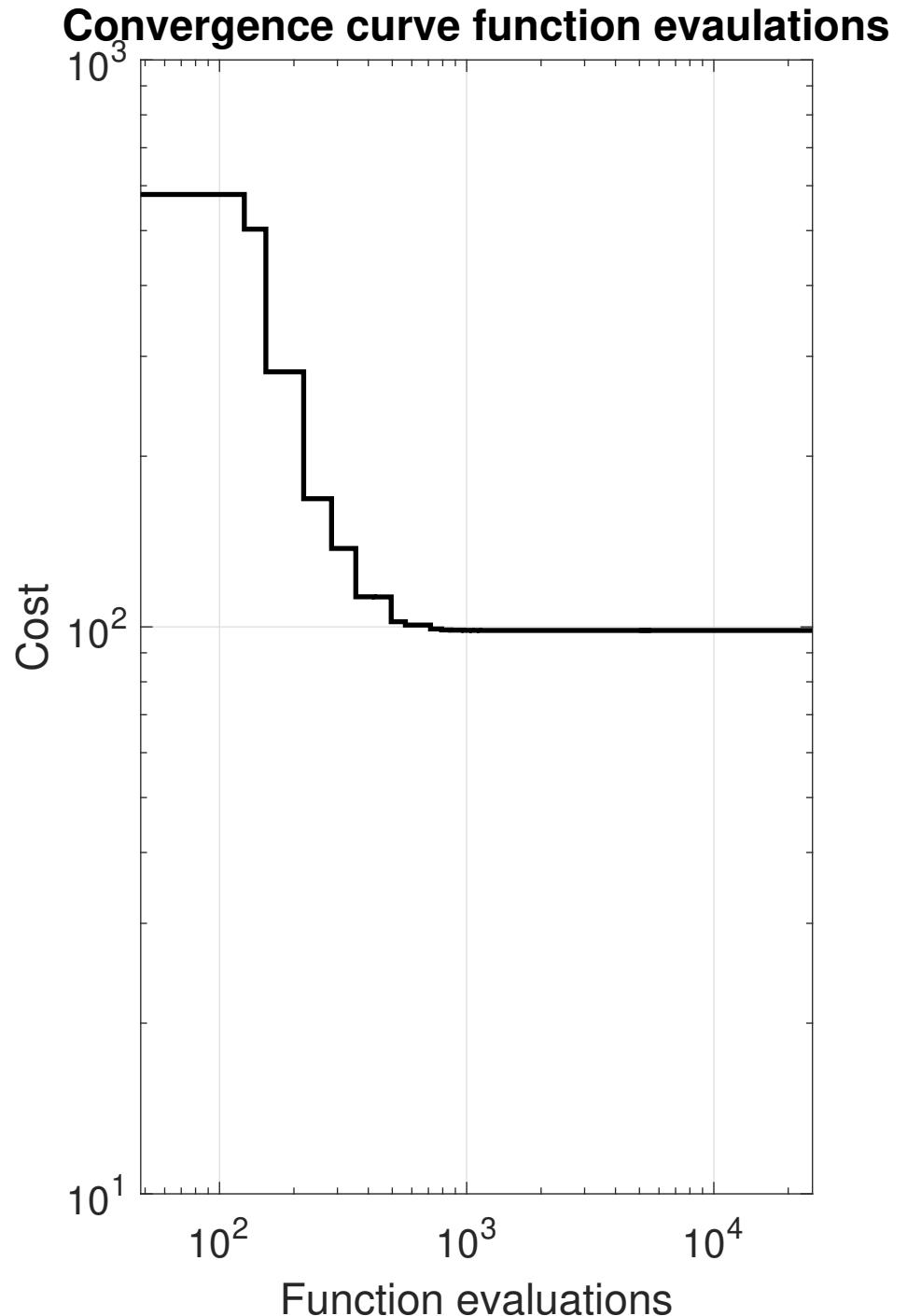
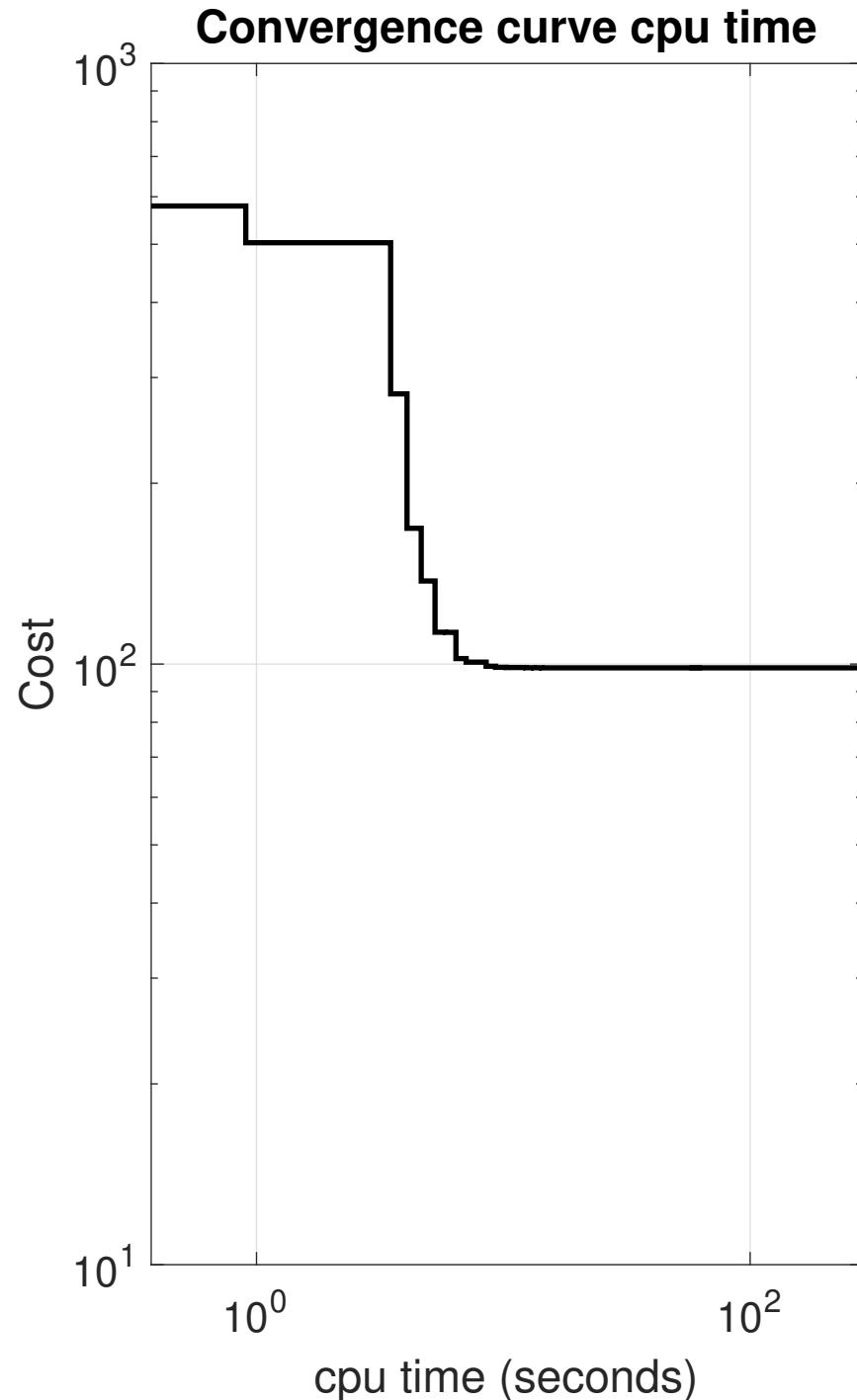
## Predictions vs Measurements for all experiments



**Regularised\_fitting\_corr\_matrix****Parameter correlations**

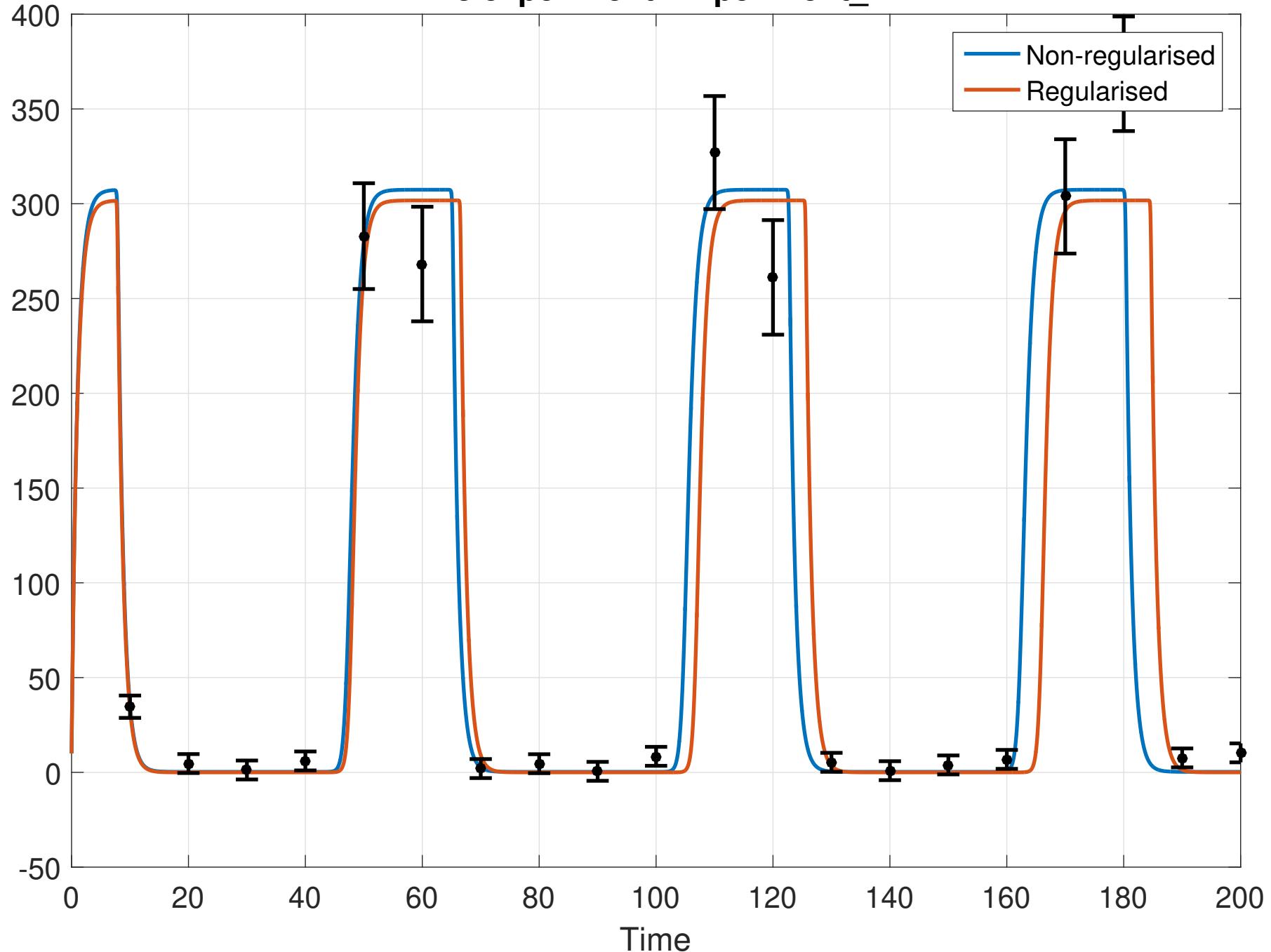
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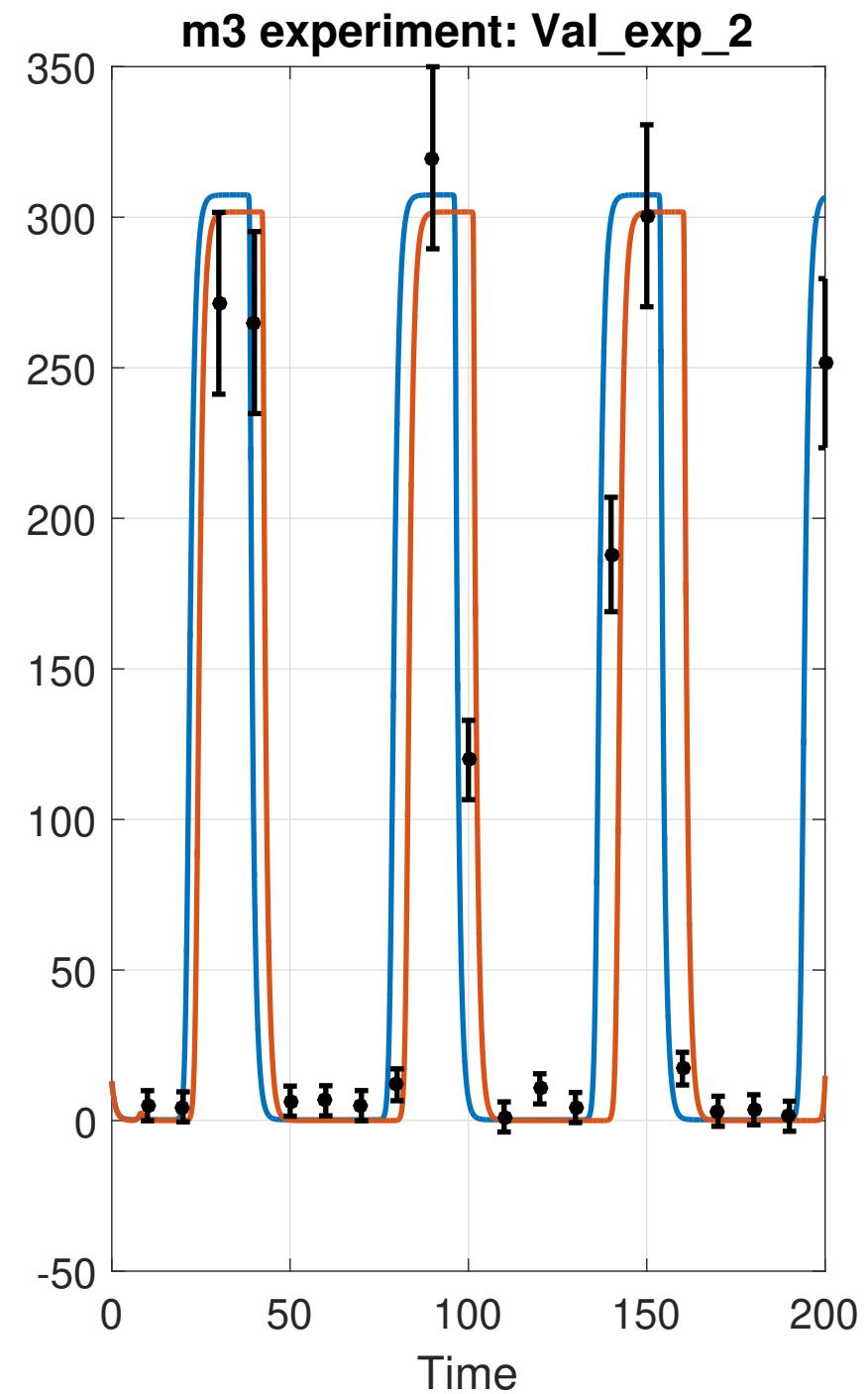
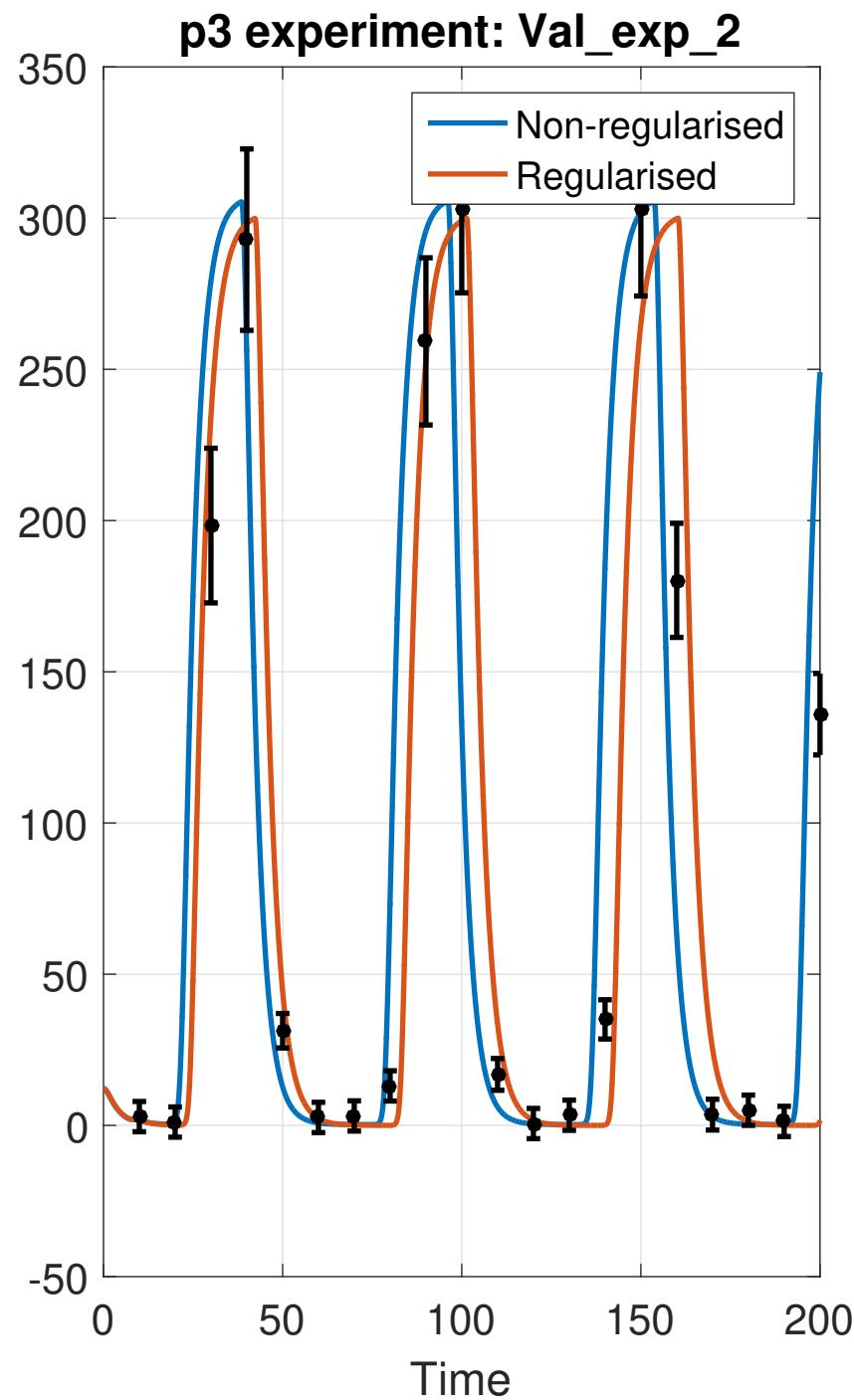
## Convergence\_curves

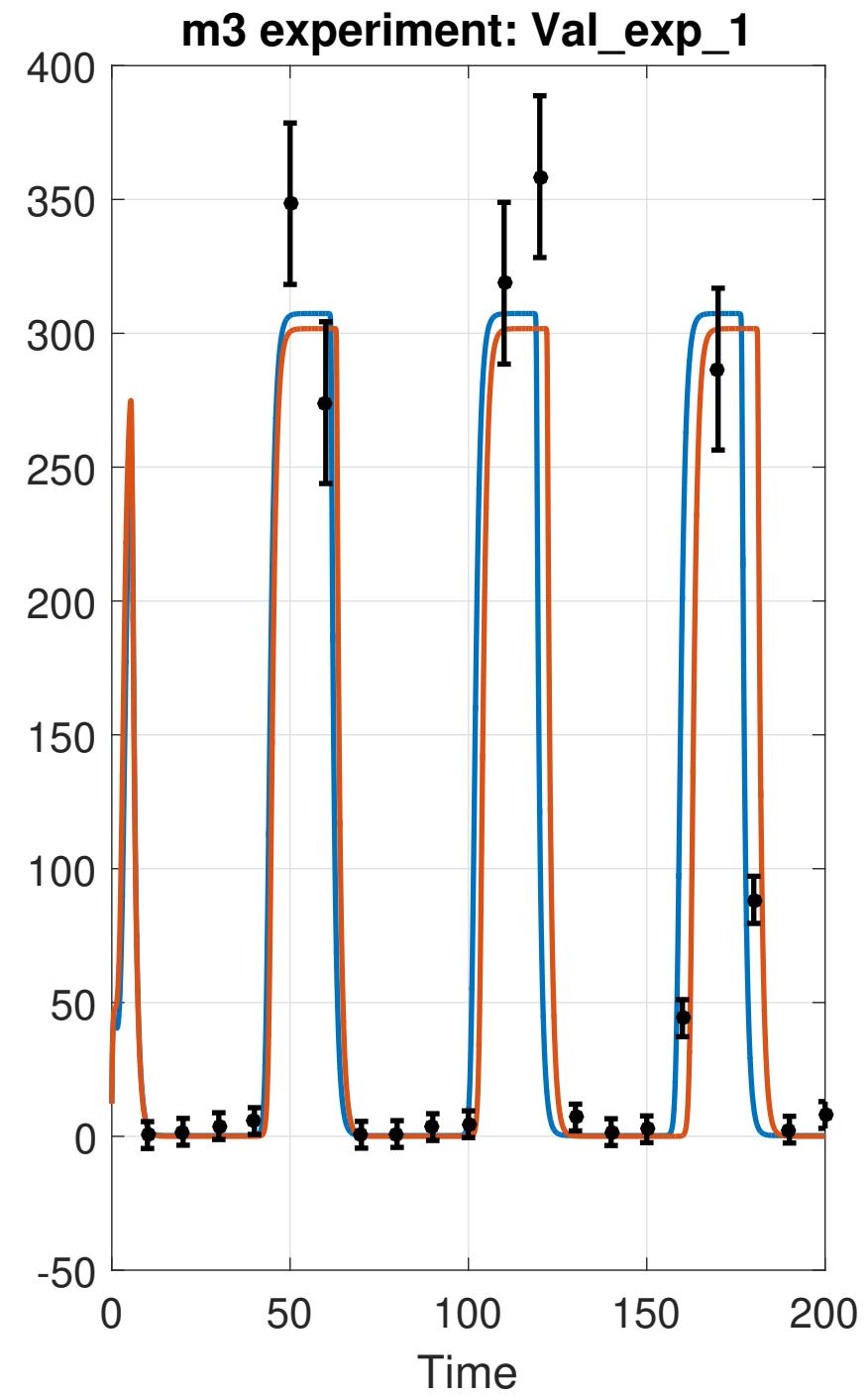
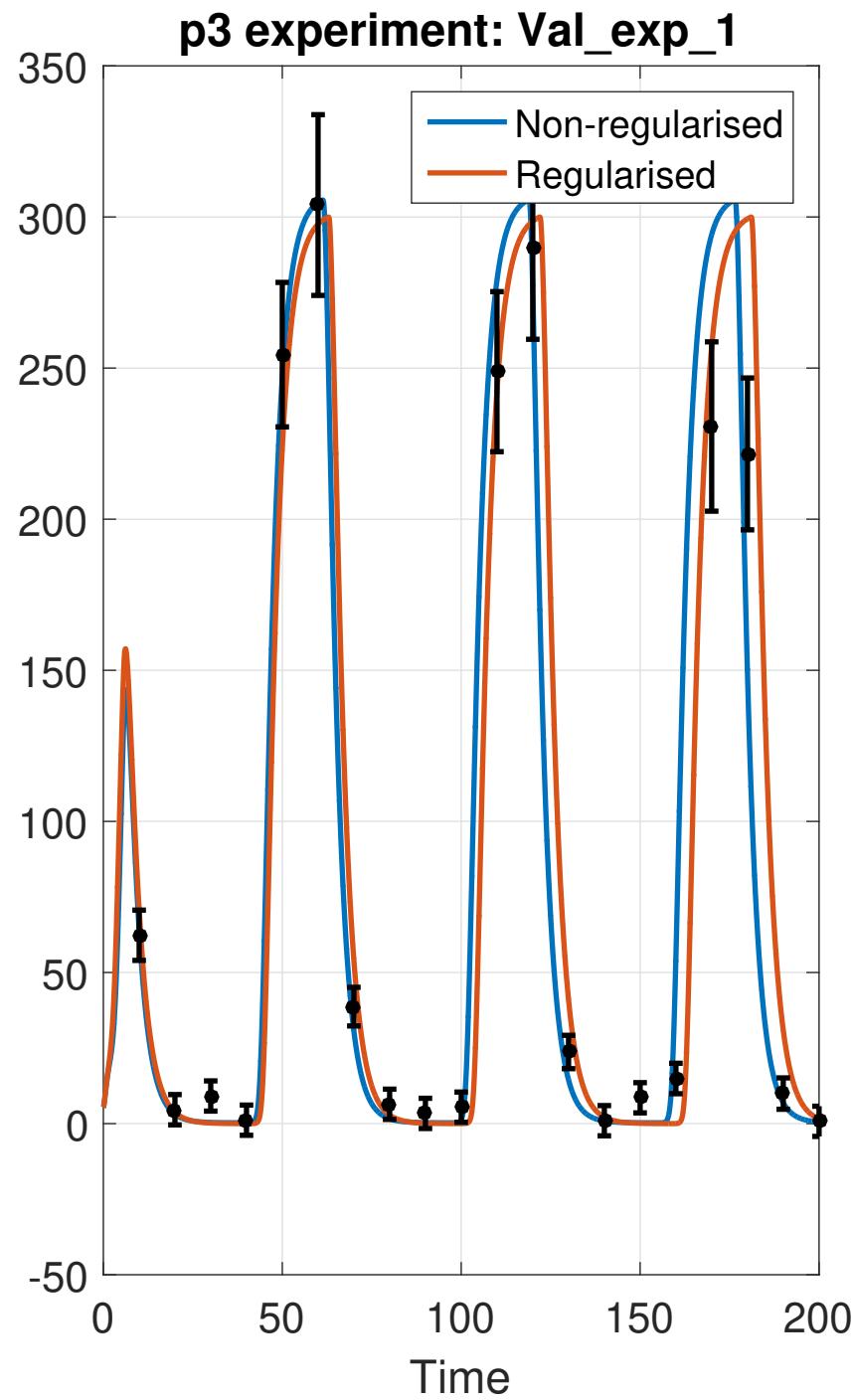


## Fitting\_figures

## m3 experiment: Experiment\_1



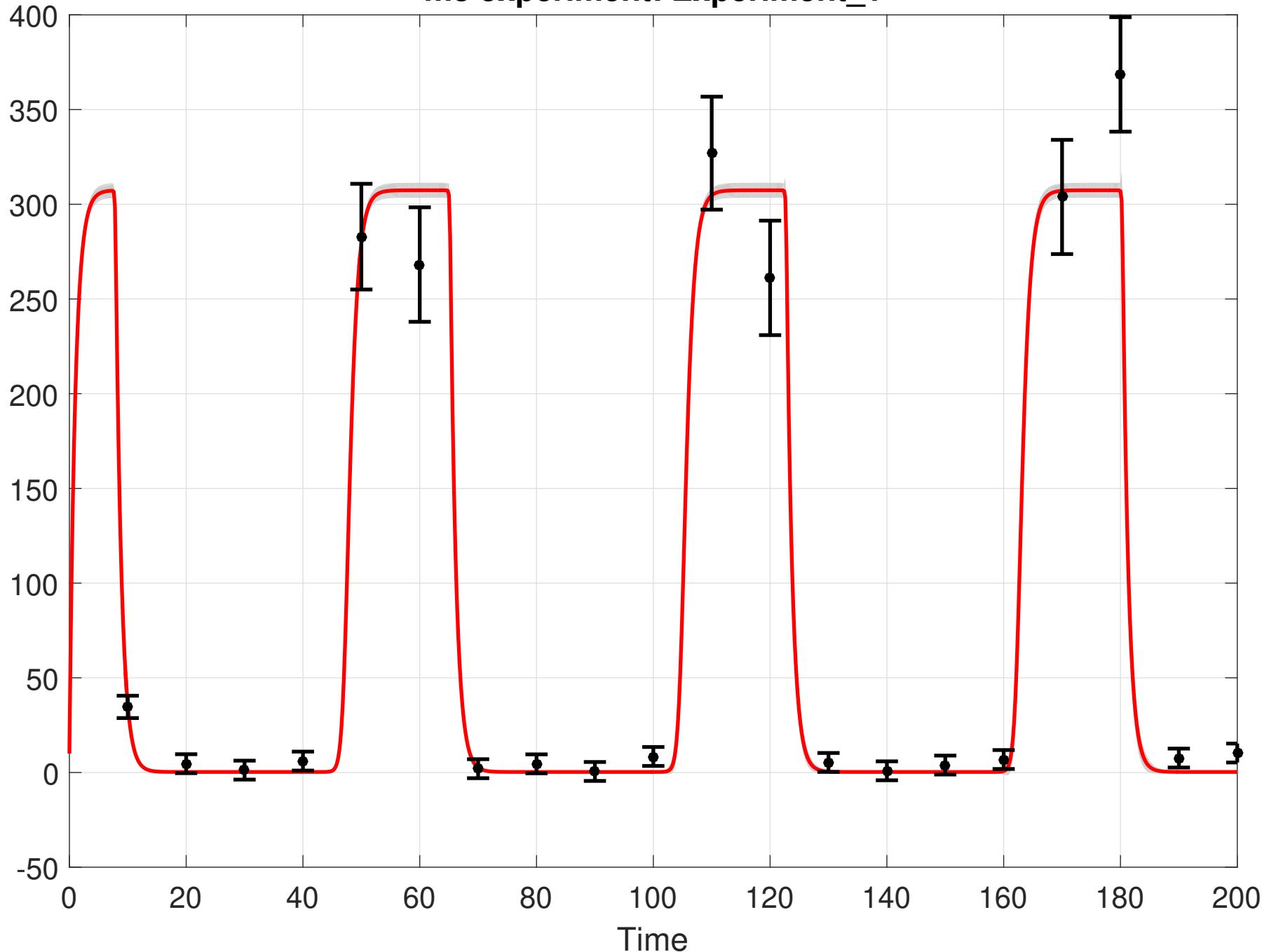
**Validation\_figures**

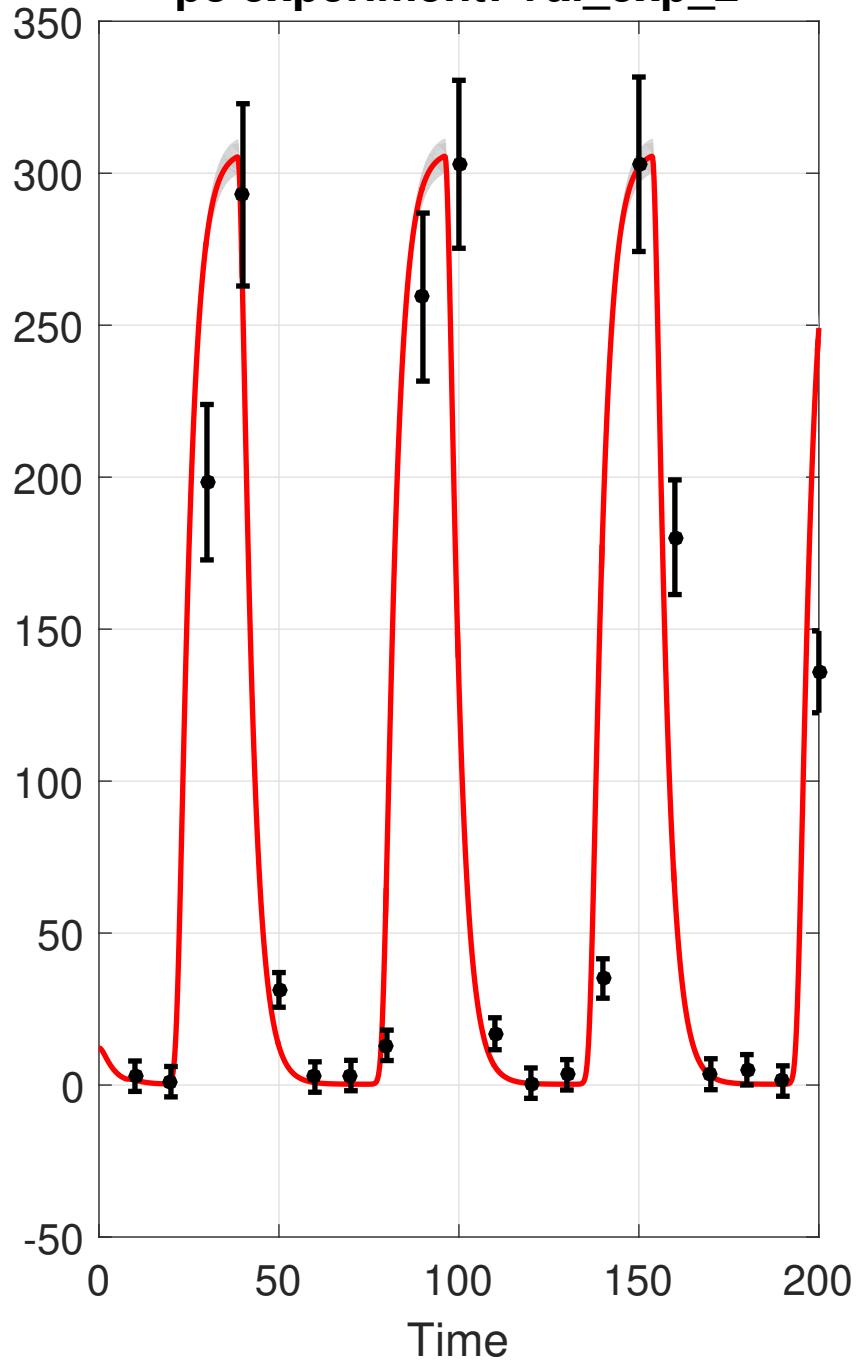
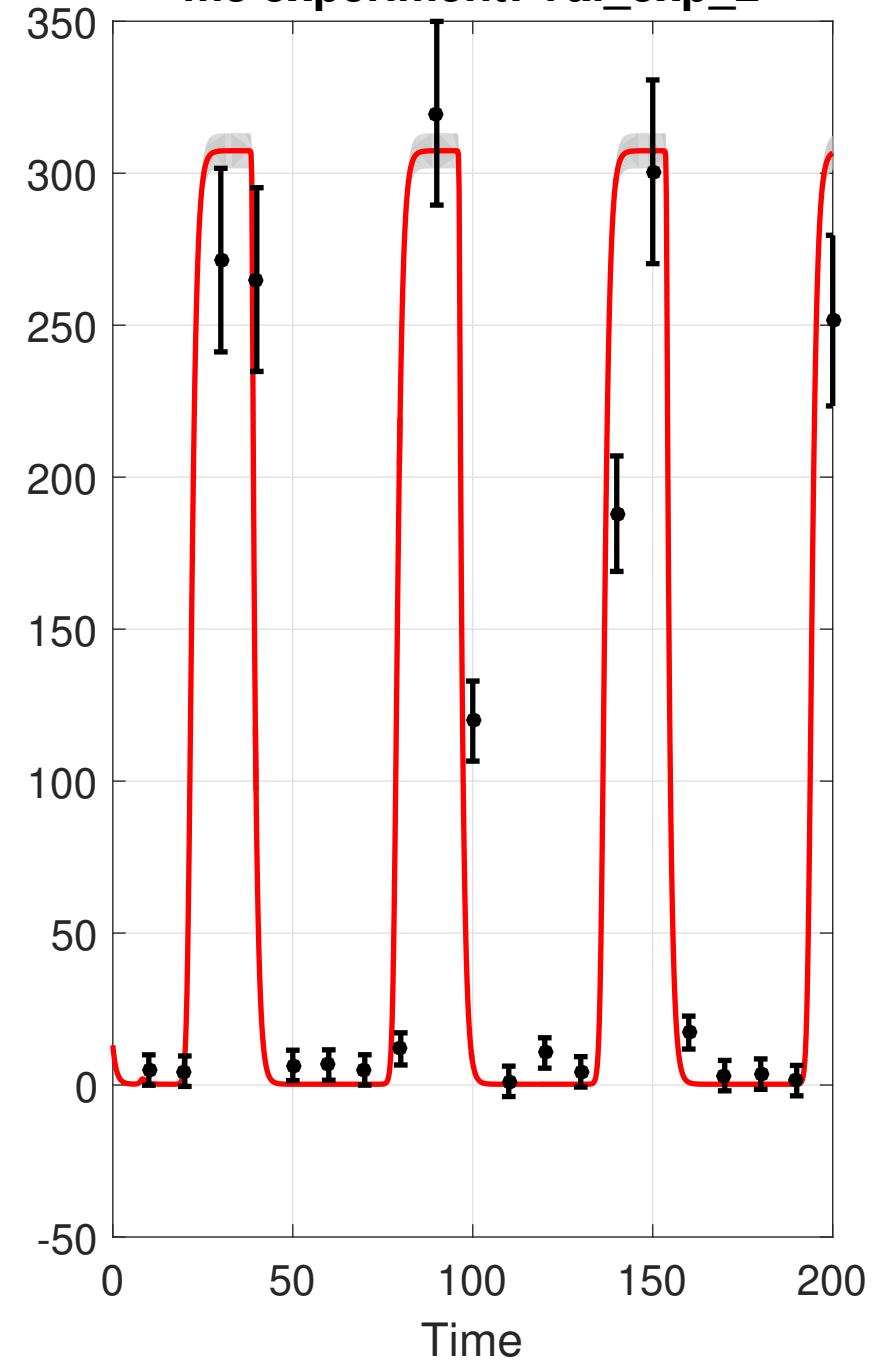
**Validation\_figures**

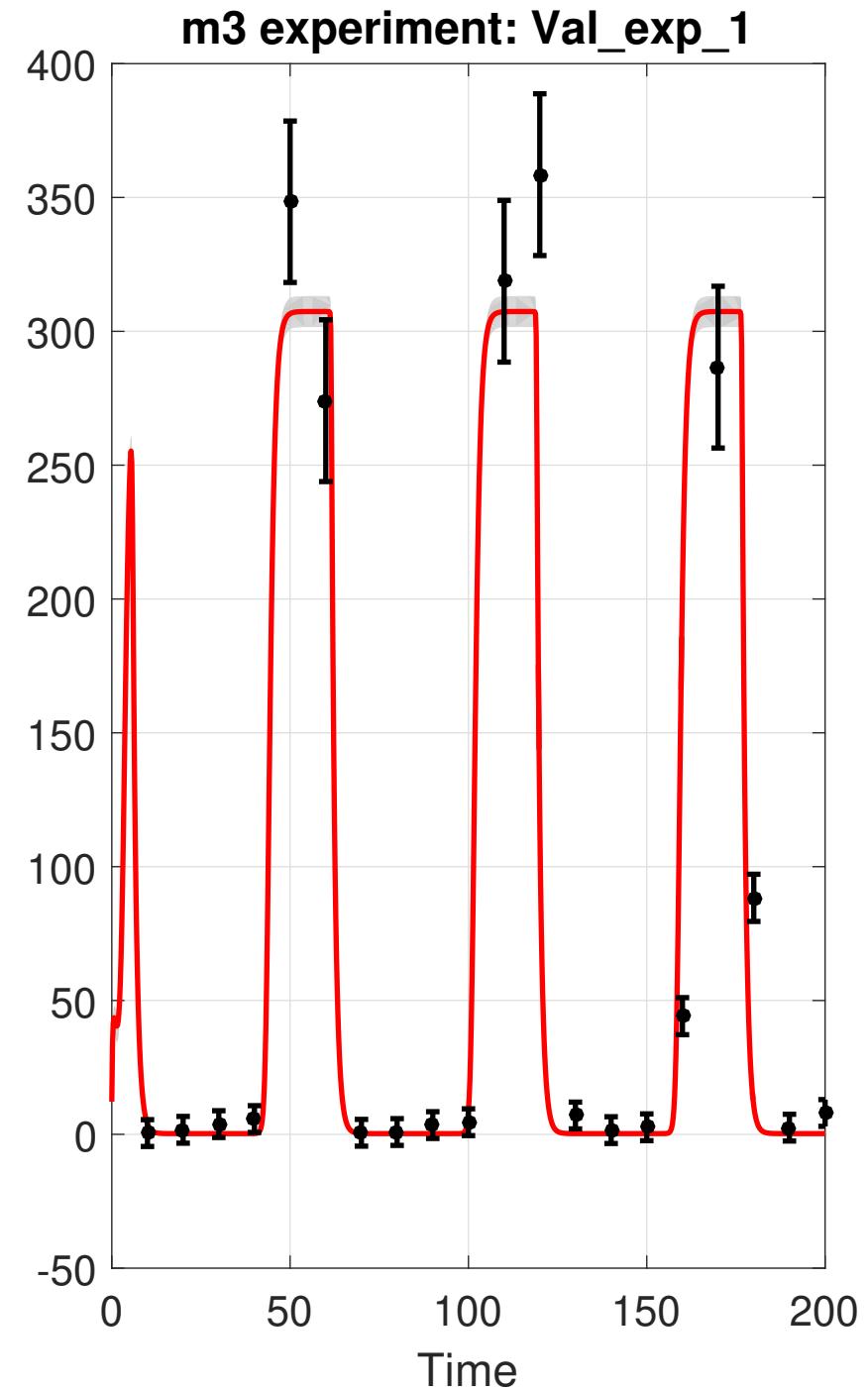
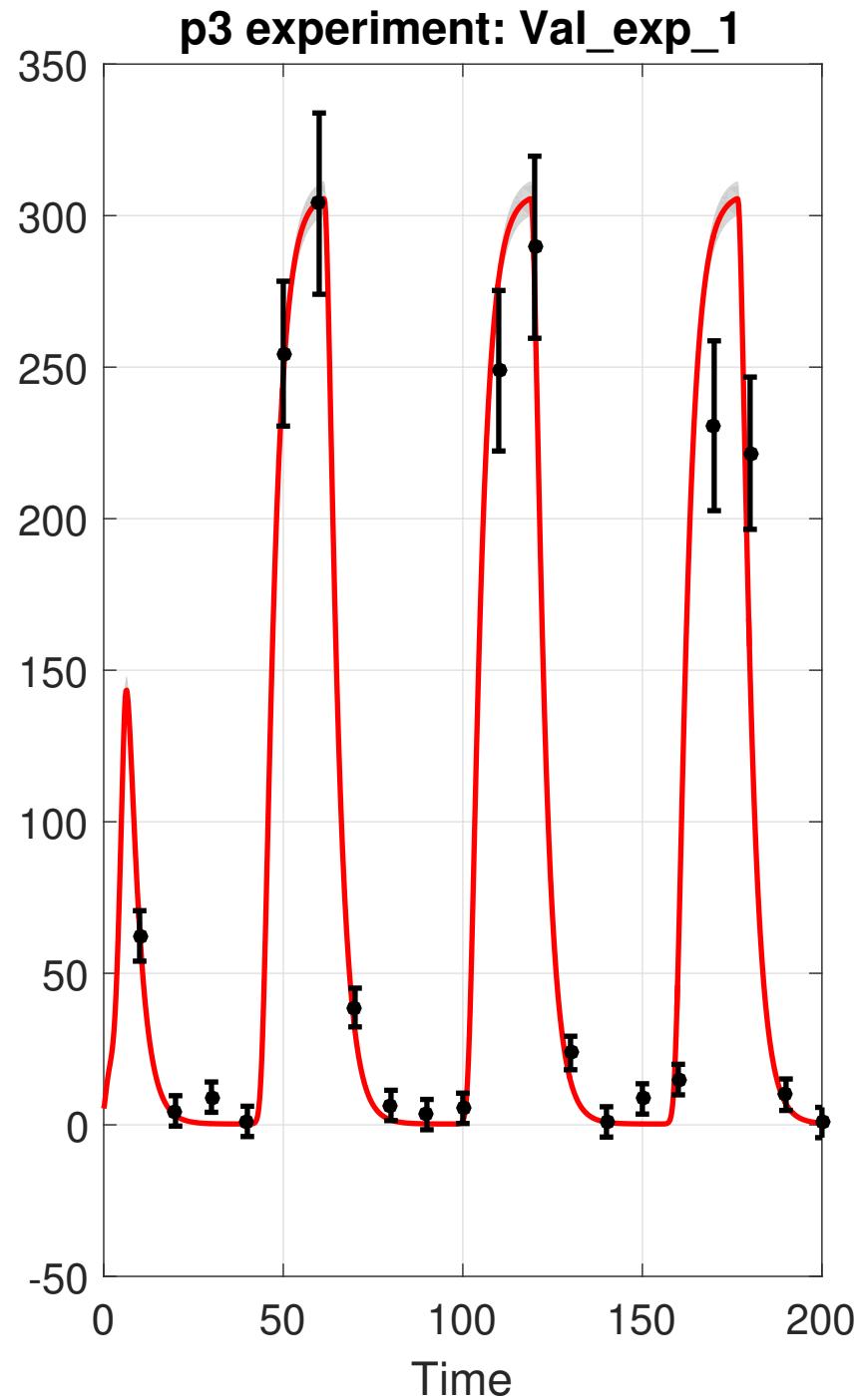
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## Non\_regularised\_fit\_with\_uncertainty

### m3 experiment: Experiment\_1



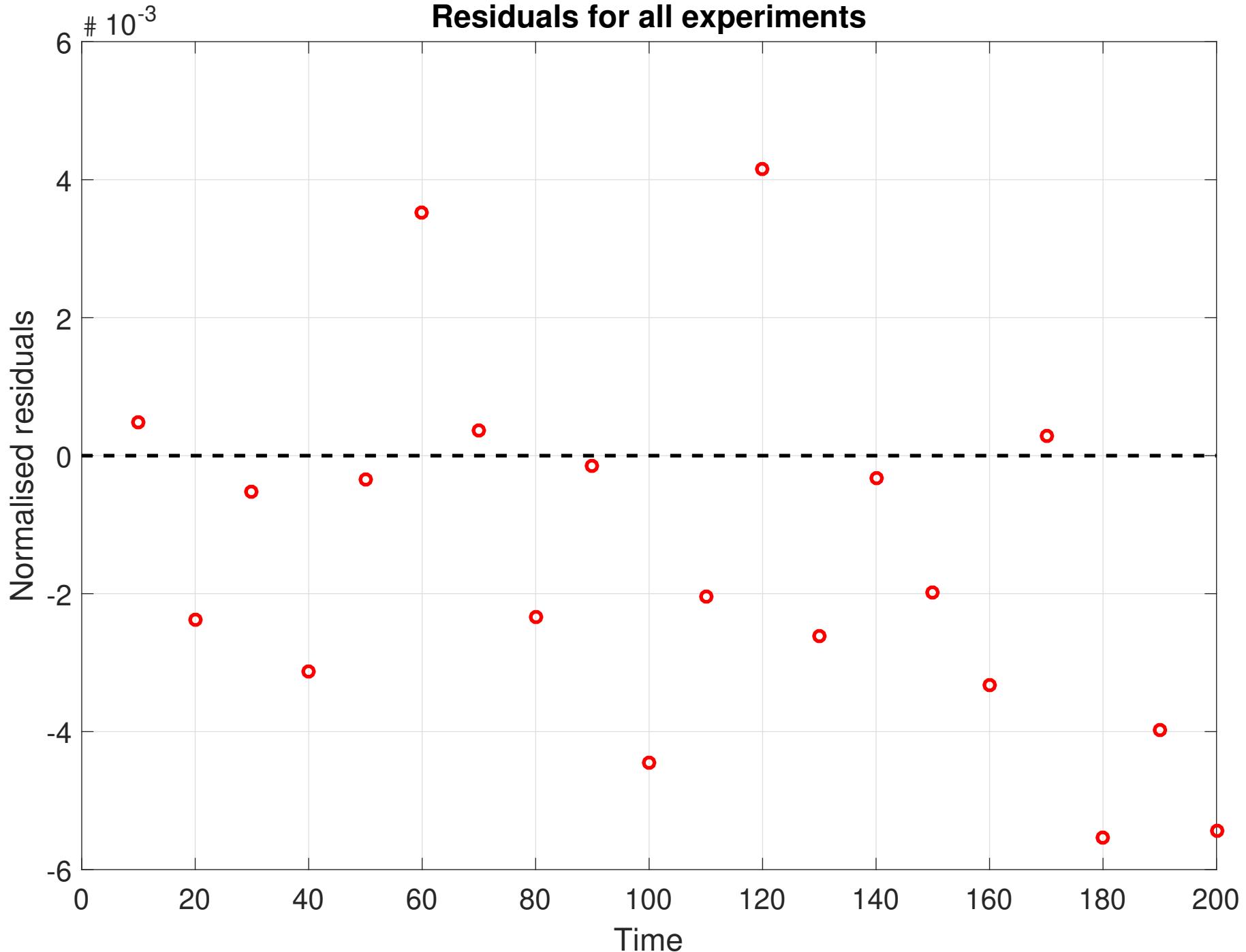
**Non\_regularised\_validation\_with\_uncertainty****p3 experiment: Val\_exp\_2****m3 experiment: Val\_exp\_2**

**Non\_regularised\_validation\_with\_uncertainty**

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## Non\_regularised\_fitting\_residuals

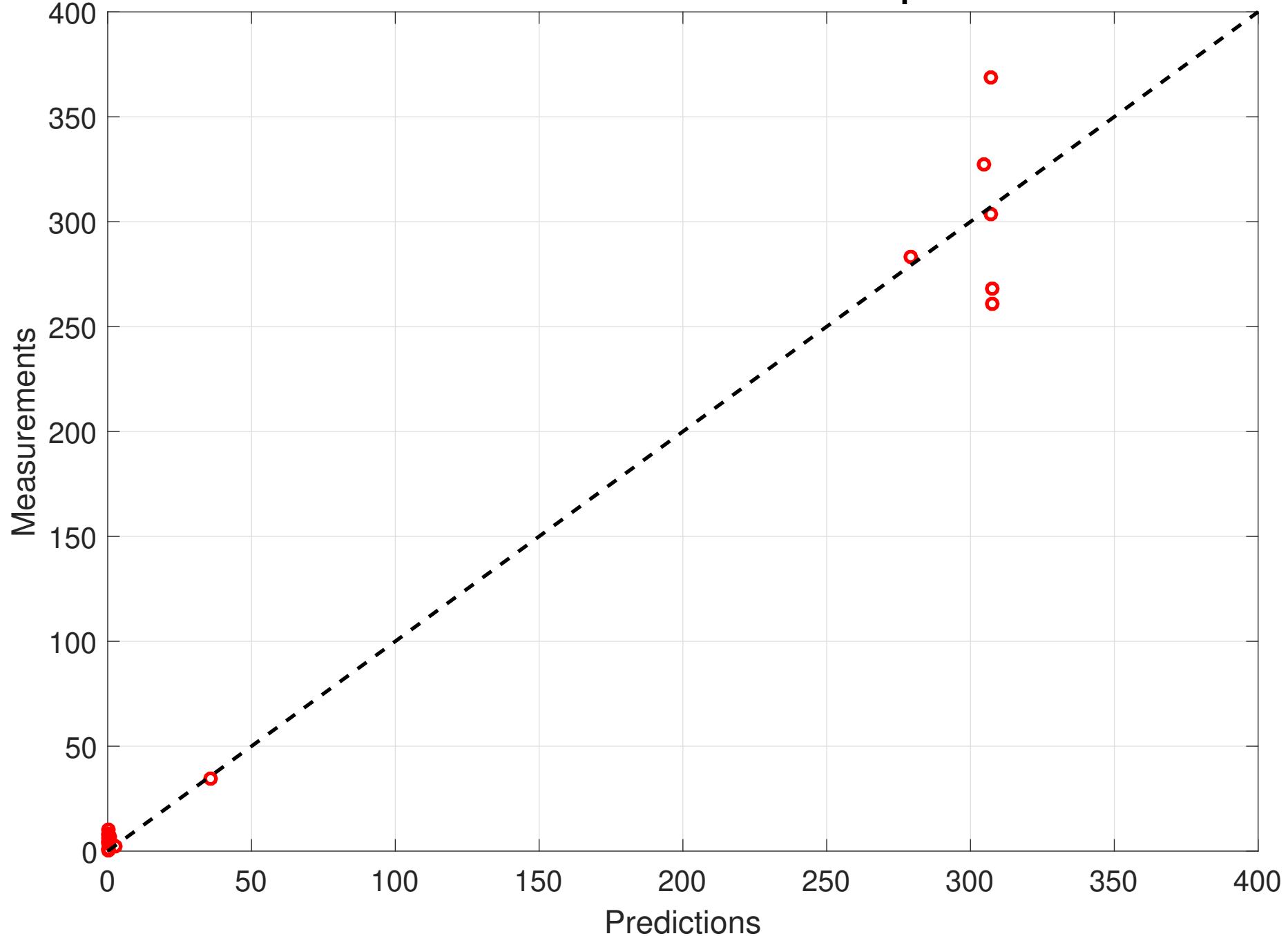
### Residuals for all experiments



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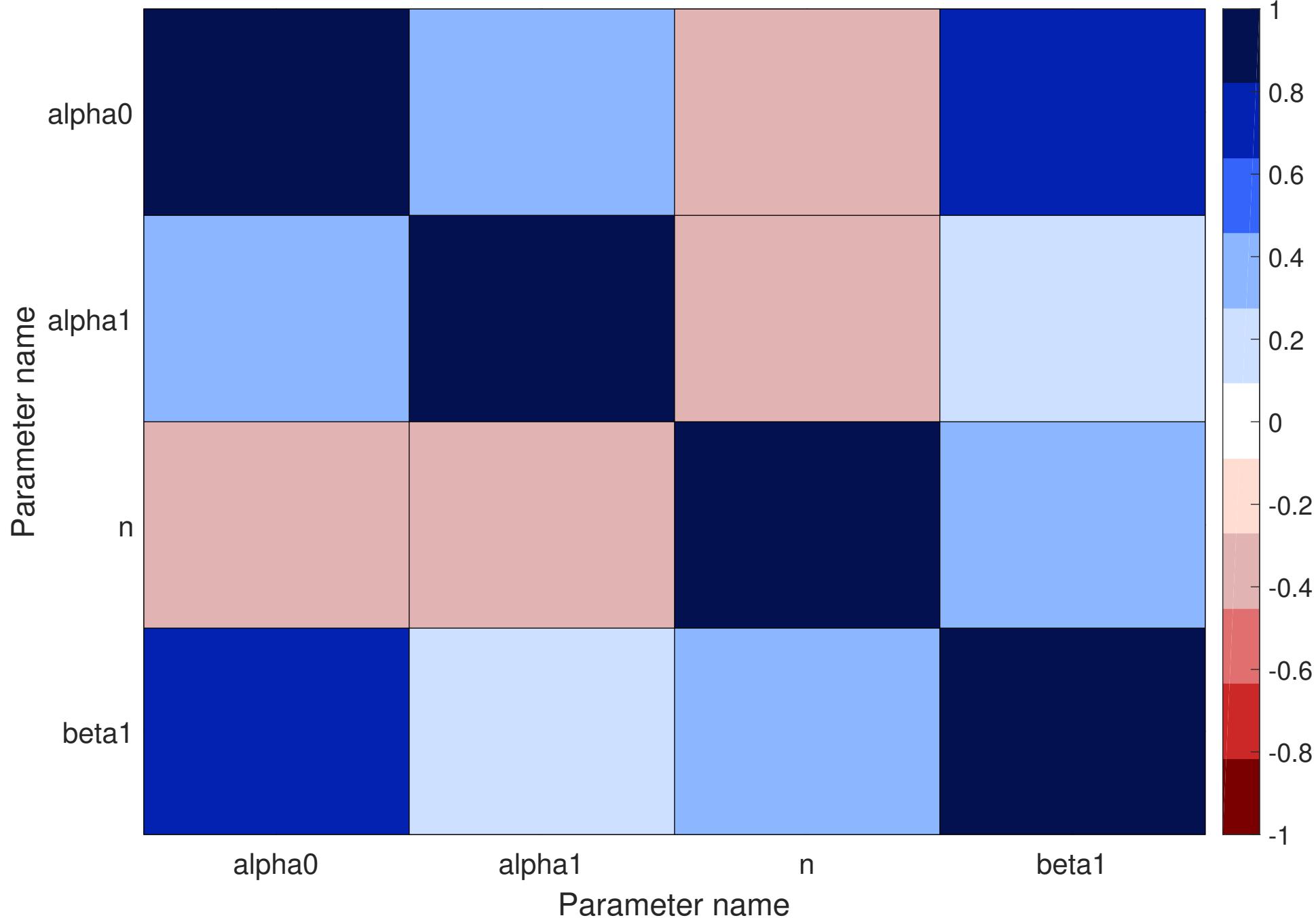
## Non\_regularised\_fitting\_pred\_vs\_meas

### Predictions vs Measurements for all experiments



## Non\_regularised\_fitting\_corr\_matrix

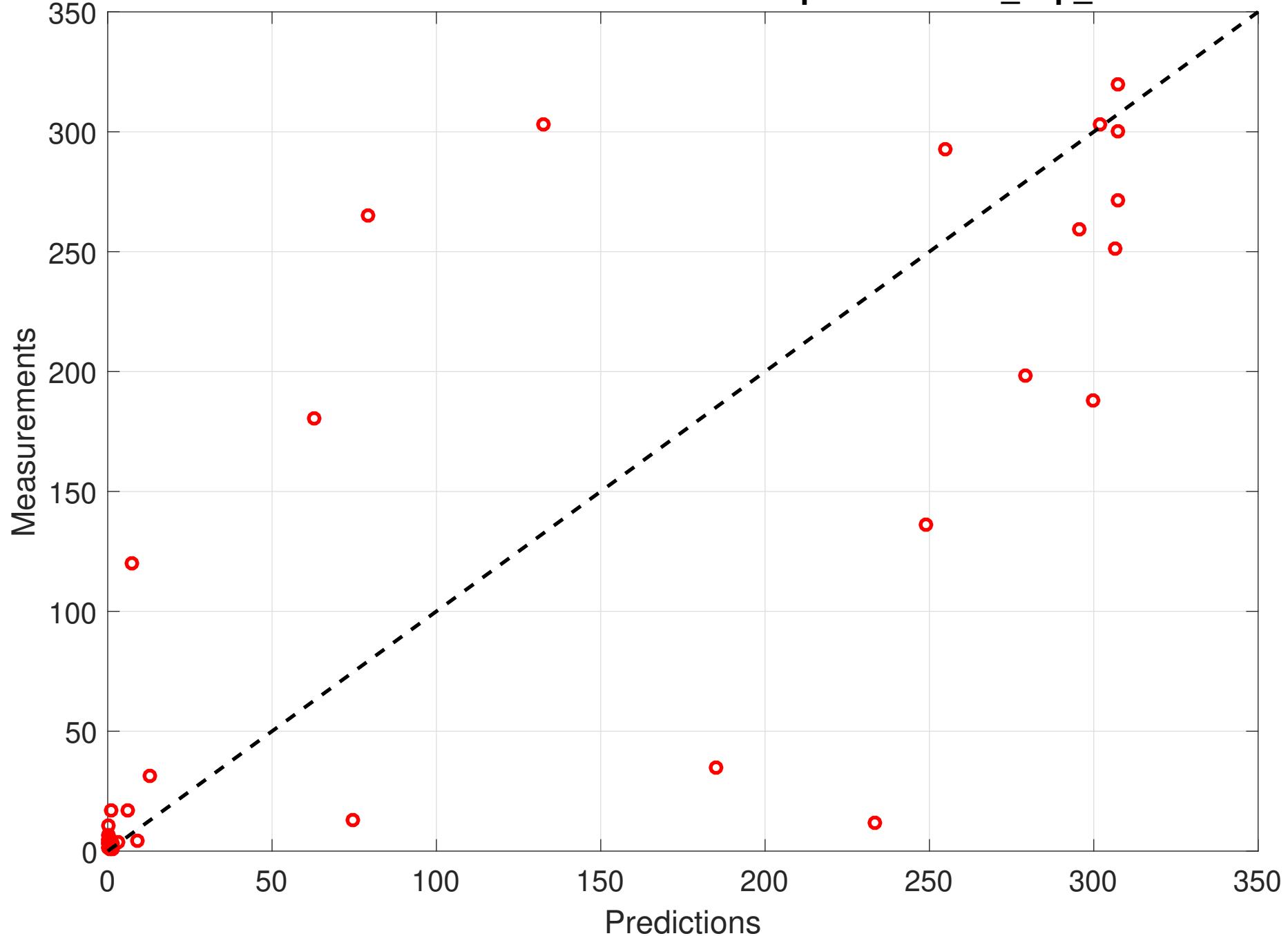
## Parameter correlations



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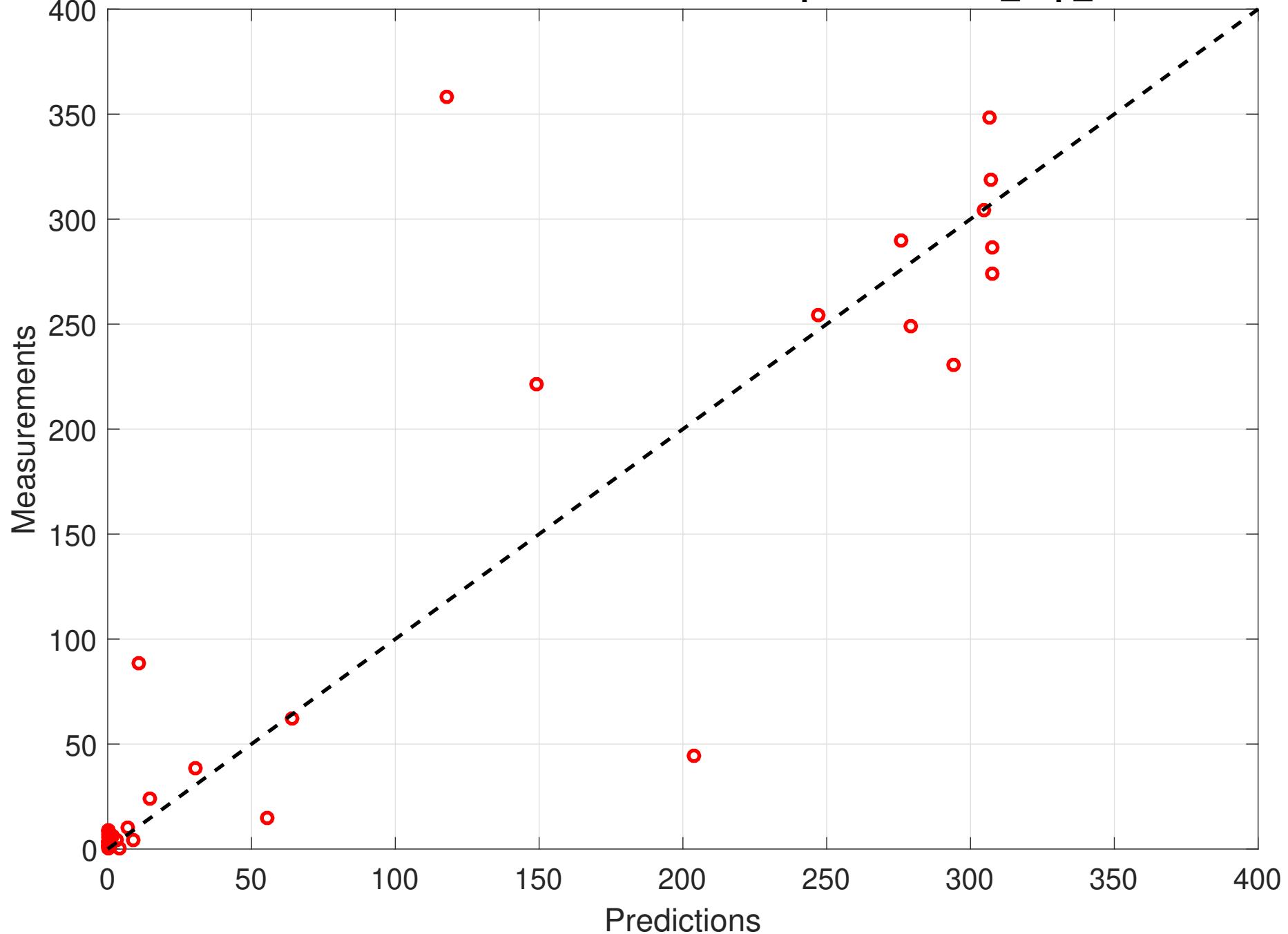
### Non\_regularised\_validation\_pred\_vs\_meas

#### Predictions vs Measurements for experiment: Val\_exp\_2



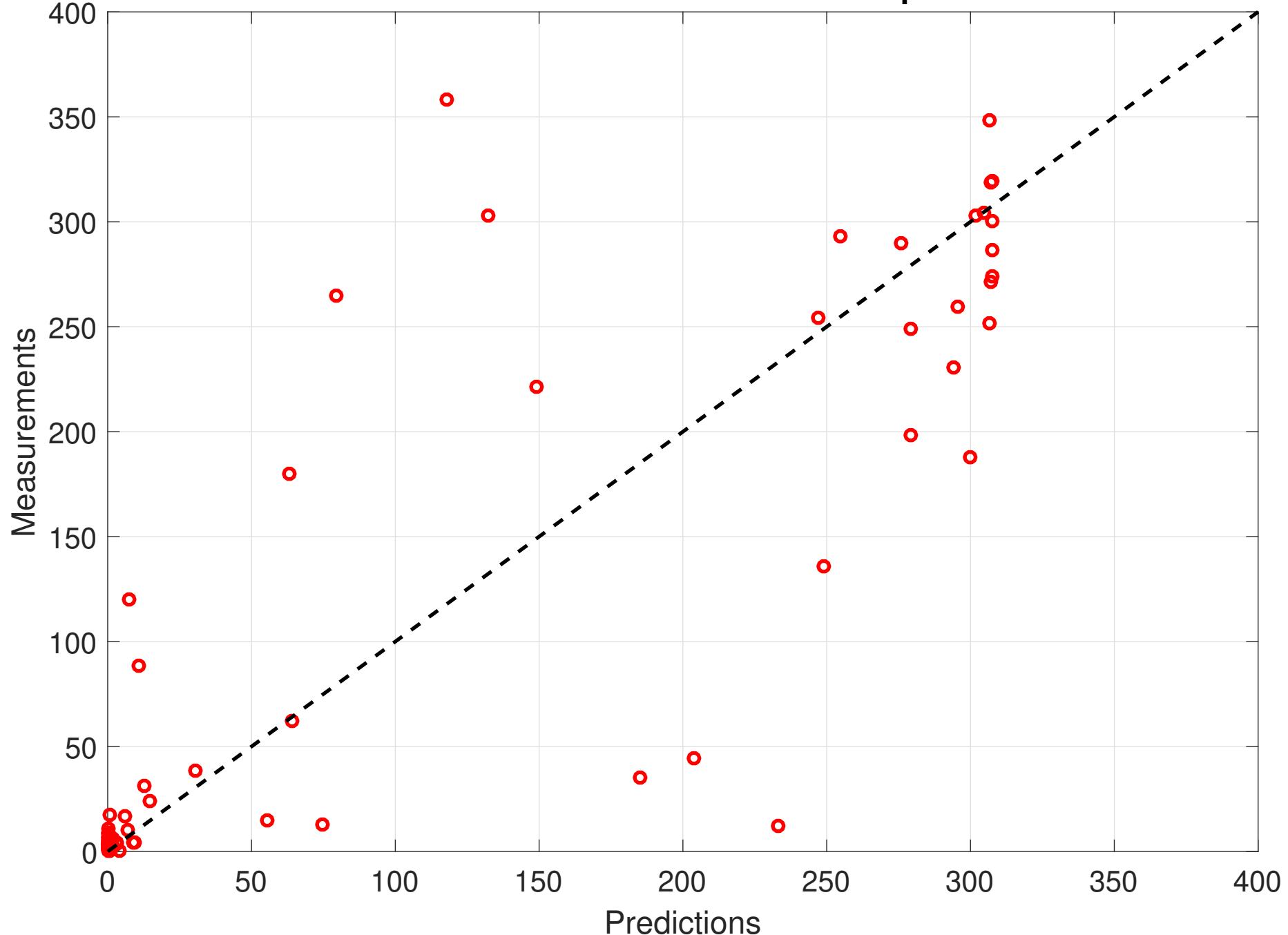
## Non\_regularised\_validation\_pred\_vs\_meas

## Predictions vs Measurements for experiment: Val\_exp\_1



# Non\_regularised\_validation\_pred\_vs\_meas

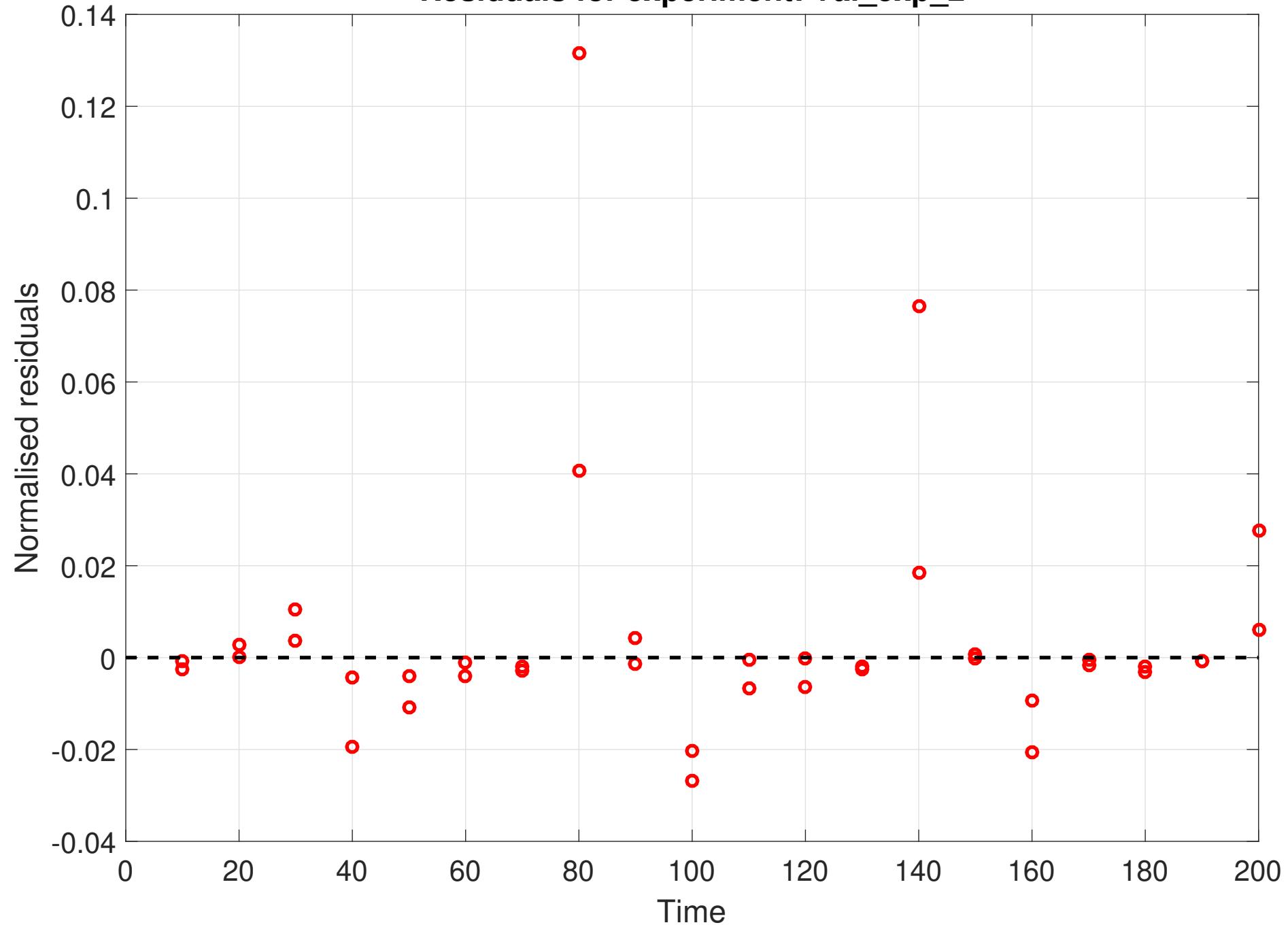
## Predictions vs Measurements for all experiments



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### Non\_regularised\_validation\_residuals

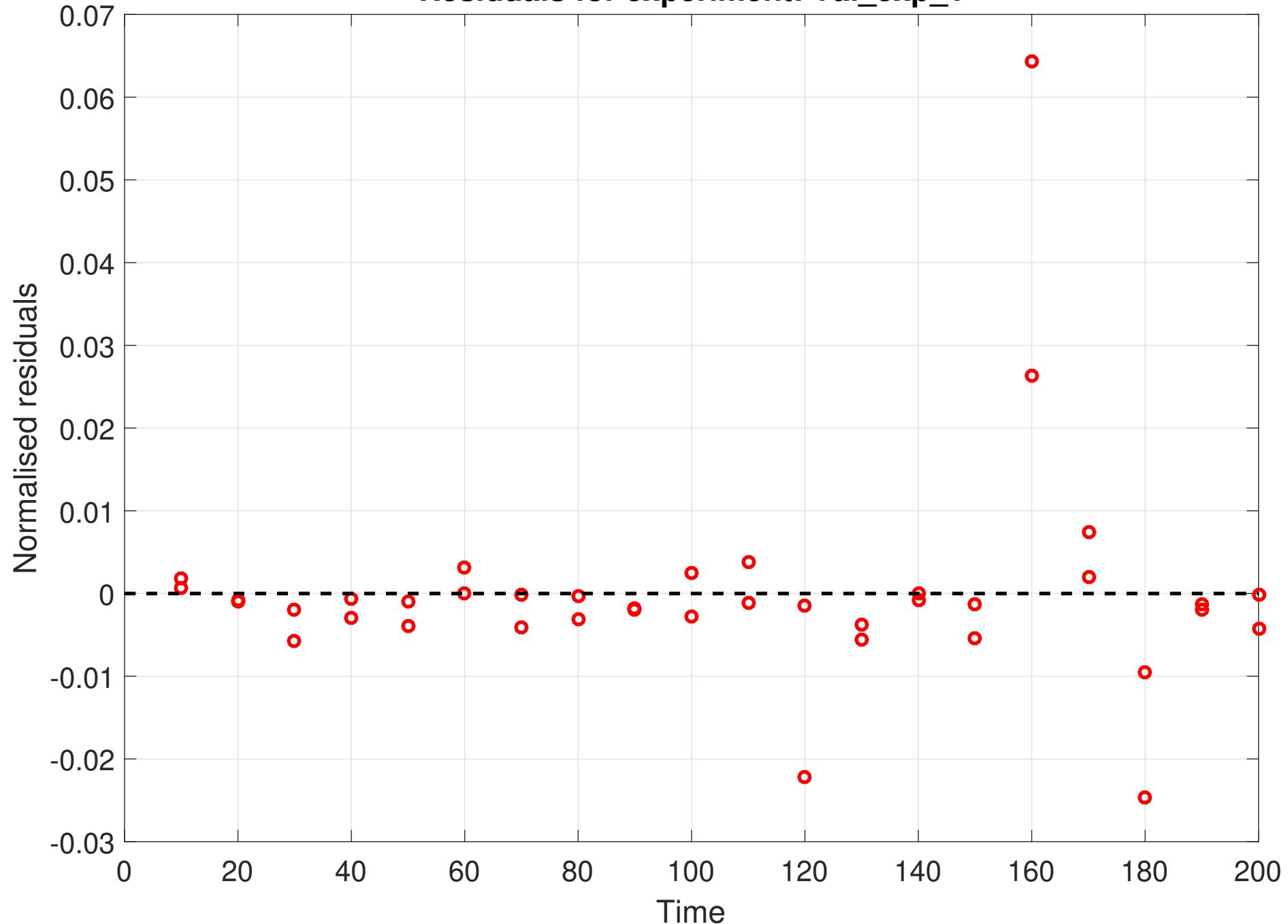
#### Residuals for experiment: Val\_exp\_2



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## Non\_regularised\_validation\_residuals

### Residuals for experiment: Val\_exp\_1



**Non\_regularised\_validation\_residuals****Residuals for all experiments**