



## ACCEPTED MANUSCRIPT

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TABLE SIIb. Descriptive statistics of the model for entire dataset and created subsets for RB 19

Input	Training				Validation				Test			
	M <sup>a</sup>	S. E <sup>b</sup>	Min	Max	M <sup>a</sup>	S. E <sup>b</sup>	Min	Max	M <sup>a</sup>	S. E <sup>b</sup>	Min	Max
<i>t</i> / min	18.5	3.4	0	90	37.9	12.7	2	120	17.0	8.9	2	60
Q / dm <sup>3</sup> min <sup>-1</sup>	4.2	0.4	1.0	8.0	4.0	1.0	1.0	8.0	4.2	0.9	1.0	8.0
O <sub>2</sub> content, %	0.01	0.00	0	0.05	0.00	0.00	0.00	0.02	0.02	0.01	0.00	0.05
A/A <sub>0</sub>	0.41	0.06	0.00	1.00	0.33	0.10	0.00	0.89	0.30	0.14	0.00	1.00

TABLE SIIc. Descriptive statistics of the model for entire dataset and created subsets for DR 28

Input	Training				Validation				Test			
	M <sup>a</sup>	S. E <sup>b</sup>	Min	Max	M <sup>a</sup>	S. E <sup>b</sup>	Min	Max	M <sup>a</sup>	S. E <sup>b</sup>	Min	Max
<i>t</i> / min	68.4	79.6	0	330	64.3	13.0	0	180	108	2	5	240
Q / dm <sup>3</sup> min <sup>-1</sup>	4.0	2.0	1.0	8.0	4.1	0.4	1.0	8.0	4.0	0.4	1.0	4.0
O <sub>2</sub> content, %	0.03	0.04	0.00	0.10	0.02	0.01	0.00	0.10	0.03	0.01	0.00	0.05
A/A <sub>0</sub>	0.39	0.30	0.02	1.00	0.37	0.06	0.00	1.00	0.28	0.08	0.06	0.81

<sup>a</sup>Mean Value; <sup>b</sup> Standard Error; <sup>c</sup> Model output

## REFERENCES

1. J. Pooralhossini, M. A. Zanjanchi, M. Ghaemi, A. Afsharam, M. H. A. Azghandi, *Appl. Organomet. Chem.* **32** (2018) 1 (<http://dx.doi.org/10.1002/aoc.4205>).