

Figure 2. ANNs architecture, Importance matrix and accuracy model A

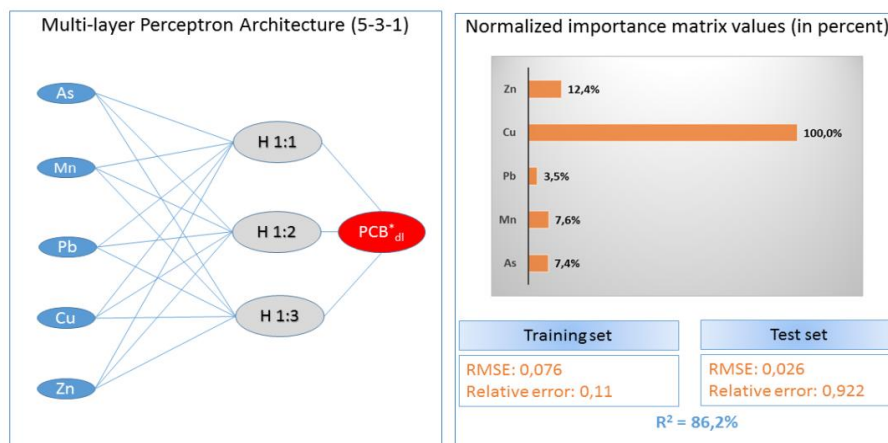


Figure 3. ANNs architecture, Importance matrix and accuracy model B

Table 2 Comparison of the validation parameters in model A, model B and in prediction set

MODEL	DATASET	R <sup>2</sup>	RMSE	RE
A	Training	0,957	0,24	0,34
	Validation		0,08	0,43
B	Training	0,862	0,076	0,110
	Validation		0,026	0,922
Prediction set		0.924	7,41	2,24