

Table 3. Prediction error

NO	28d strength(MPa)			8h strength(MPa)			Slump(mm)		
	BPNN model	COBPNN model	Test	BPNN model	COBPNN model	Test	BPNN model	COBPNN model	Test
27	3.393	3.123	2.920	0.155	0.141	0.130	256	238	230
28	3.005	3.525	3.430	0.153	0.197	0.180	182	229	212
29	2.476	2.102	2.190	0.073	0.065	0.060	218	239	251
30	4.511	4.261	4.050	0.299	0.239	0.250	267	227	222