

SSE Homework

Paul Johnston

CS 478

1/15/2019

X	Y	Output 1	Target 1	Output 2	Target 2	Data
-1	-1	0	1	0.6	1.0	
-1	1	1	1	-0.3	0	
1	-1	1	0	1.2	0.5	
1	1	0	0	0	-0.2	
L1		2		1.6		3.6
SSE		2		0.78		2.78
MSE		0.5		0.195		0.695
RMSE		0.707		0.442		0.833

$$|1-0| + |1-1| + |0-1| + |0-0| = 1 + 0 + 1 + 0 = 2$$

$$1 + 0 + 1 + 0 = 2$$

$$|1.0 - 0.6| + |0 + 0.3| + |0.5 - 1.2| + |-0.2 - 0| = 0.4 + 0.3 + 0.7 + 0.2 = 1.6$$