Group 6: Timm Behner, Philipp Bruckschen, Patrick Kaster, Markus Schwalb
MA-INF 4111 - Intelligent Learning and Analysis Systems: Machine Learning
Exercise Sheet 4

4. Distances

done. will write up in the evening

For $\delta(x,y)$ to be a metric, we have to show:

1. $\delta(x,y) \geq 0, \delta(x,y) = 0$ iff $x = y$
2. $\delta(x,y) = \delta(y,x)$
3. $\delta(x,y) \leq \delta(x,z) + \delta(z,y)$

(i) done

(ii) dfdf

■