$$x_i \begin{pmatrix} 0.1 \\ 0.3 \\ 7.9 \\ \vdots \\ 10.1 \end{pmatrix} \rightarrow f^{NN} \rightarrow \begin{pmatrix} 0 \\ 0 \\ 0.1 \\ 0.7 \\ \vdots \\ 0.2 \end{pmatrix} y_i$$