

- 1 **Supplementary Material 2.** Structure and results of the artificial neural network after  
2 using Principal Component Analysis

Layer (Type)	Output Shape	Parameters
input_2 (InputLayer)	[(None, 67)]	0
dense (Dense)	(None, 256)	17408
dense_3 (Dense)	(None, 3)	771
Total parameters: 18,179		

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