



S1 Fig. The i-o functions obtained of the interior black-box modules of the COVID-19 hybrid network after training (*Above:*) An overview of the i-o function of the Biometric, the Physiology, and the output modules of the COVID-19 hybrid network. The circular and the radial axes represent the binary inputs to the module and mortality rates for the considered 63 COVID-19 patients, respectively. The low mortality rates reflect noises in the patient data. (*Below:*) The active cells of the orthotope related to each black-box module are highlighted in blue.