Supplementary Figure. Integrative feed-forward networks in the cortex. Neurons in L2/3 form local sub-networks defined by lateral connections that receive common inputs from L4 (grey connections, as shown by 3). Neurons in L5 also form highly interconnected sub-networks (grey connections, as shown by 3). L2/3 networks project to different L5 sub-networks that in turn integrate inputs from different L2/3 sub-networks (black connections). This circuitry allows the binding of different streams of information from L2/3 (shown in blue and yellow) in layer 5 of the cortex (green).