ARC clusters, d50 unit radius Mean+-SD 14 +- 7 total neighbors ARC (5) Astro (2) Microglia (3) 1.00 0.9 0.75 0.6 0.50 0.3 0.25 0.0 0.00 Oligo (4) Other GABAergic Neurons (2) Non-SON AVP+OXT+ (1) 0.3 0.9 0.2 0.6 0.6 0.1 0.3 0.3 prop_supercl_neighboring_cell1 0.0 label1 ARC_1 ARC_2 ARC_3 Tanycytes, Portal Vasc. (4) PeriVN (Excitatory) (1) SON (2) ARC_4 ARC_5 0.6 0.8 0.75 0.2 -0.25 0.0 0.00 VMH (4) Vascular and Peripheral Immune (5) 0.9 -8.0 0.6 0.4 0.3 0.0 ARC_2 VMH clusters, d50 unit radius Mean+-SD 8 +- 3 total neighbors Astro (2) ARC (5) Microglia (3) 1.00 0.9 0.9 0.75 0.6 0.6 0.50 0.3 0.3 0.25 0.0 0.00 Non-SON AVP+OXT+ (1) Other GABAergic Neurons (2) Oligo (4) 0.12 0.9 0.8 0.11 0.6 0.4 0.10 0.3 0.0 0.0 prop_supercl_neighboring_cell1 label1 VMH_1 VMH_1 VMH_2 VMH_3 VMH_Lateral_border PeriVN (Excitatory) (1) SON (2) Tanycytes, Portal Vasc. (4) 0.6 0.75 0.4 0.50 0.2 -0.2 0.25 0.0 -0.0 0.00 VMH_Lateral_border VMH_Lateral_border VMH_3 VMH_2 VMH_2 VMH_1 Vascular and Peripheral Immune (5) VMH (4) 0.8 0.8 0.4 0.4 0.0 -VMH_Lateral_border VMH_Lateral_border VMH_2 VMH_3 VMH_1 VMH_2 VMH_1 label1