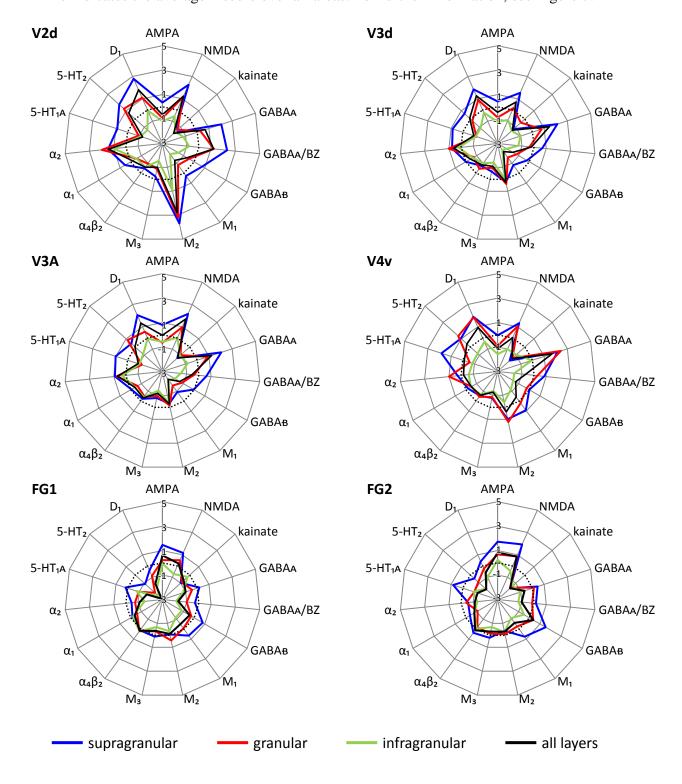
Supplementary Figure 2: Normalized multi-receptor fingerprints of 15 different receptor types in each cortical area. The fingerprints are from additional cortical areas not shown in Figure 5. The fingerprints are normalized by their z-scores, and the dotted line indicates the average z-score over all areas. For further information, see Figure 7.



Supplementary Figure 2 (continued - 1) 3a AMPA AMPA 5L NMDA NMDA D_1 5-HT₂ kainate 5-HT₂ kainate 5-HT₁A **GABA**A 5-HT₁A **GABA**A GABAA/BZ GABAA/BZ α_2 α_{2} **GABA**_B **GABA**_B α_1 α_1 M₁ $\alpha_4\beta_2$ M₁ $\alpha_4\beta_2$ Mз Мз AMPA AMPA 5M 37B NMDA NMDA D_1 D_1 5-HT₂ kainate 5-HT₂ kainate 5-HT₁A GABAA 5-HT₁A GABAA GABAA/BZ GABAA/BZ α_{2} α_{2} α_1 GAВАв α_1 GAВАв $\alpha_4\beta_2$ $\alpha_4\beta_2$ M₁ M₁ М₃ M_2 М₃ M_2 37L **AMPA AMPA** 37M D. NMDA D. NMDA 5-HT₂ kainate 5-HT₂ kainate 5-HT₁A GABAA 5-HT₁A GABAA GABAA/BZ α_2 α_2 GABAA/BZ α_1 GAВАв α_1 **GABA**_B $\alpha_4\beta_2$ M₁ $\alpha_4\beta_2$ M₁ Mз M_2 Mз M_2 **AMPA AMPA** 20 21 D₁ NMDA D. NMDA 5-HT₂ kainate 5-HT₂ kainate 5-HT₁A GABAA 5-HT₁A GABAA GABAA/BZ GABAA/BZ α_2 α_{2} GABAв α_1 GAВАв α_1 $\alpha_4\beta_2$ M₁ $\alpha_4\beta_2$ M₁ Mз M₂ М₃ M₂

supragranular

granular

infragranular

all layers

Supplementary Figure 2 (continued - 2) 36 **AMPA AMPA** 38 NMDA NMDA D_1 5-HT₂ kainate 5-HT₂ kainate GABAA 5-HT₁A 5-HT₁A **GABAA** GABAA/BZ α_{2} GABAA/BZ α_{2} **GABA**_B **GABA**_B α_1 α_{1} $\alpha_4\beta_2$ M₁ $\alpha_4\beta_2$ M₁ Mз Mз M_2 AMPA **AMPA** 9 8 NMDA NMDA D_1 D_1 5-HT₂ kainate 5-HT₂ kainate 5-HT₁A GABAA 5-HT₁A GABAA GABAA/BZ GABAA/BZ α_{2} α_{2} α_1 GAВАв α_{1} GAВАв $\alpha_4\beta_2$ $\alpha_4\beta_2$ M₁ M₁ Мз M_2 Mз M_2 11 **AMPA** 10M **AMPA** D. NMDA D. NMDA 5-HT₂ kainate 5-HT₂ kainate 5-HT₁A GABAA 5-HT₁A **GABAA** α_2 GABAA/BZ α_2 GABAA/BZ α_1 GAВАв α_1 **GABA**_B $\alpha_4\beta_2$ M₁ $\alpha_4\beta_2$ M₁ Mз M_2 Mз M_2 **AMPA AMPA** 46 47 D₁ NMDA D NMDA 5-HT₂ kainate 5-HT₂ kainate 5-HT₁A GABAA 5-HT₁A GABAA GABAA/BZ GABAA/BZ α_2 α_{2} GABAв GAВАв α_1 α_1 $\alpha_4\beta_2$ M₁ $\alpha_4\beta_2$ M₁ Mз M₂ Mз Μ₂

granular -

supragranular

infragranular

all layers

Supplementary Figure 2 (continued - 3)

