thalamus         mediodorsal         -0.44         0.0077         0.044           ventral posterolateral         -0.32         0.087         0.28           limitans (suprageniculate)         0.31         0.31         0.32           ventromedial         -0.24         0.22         0.49           lateral posterior         0.23         0.24         0.53           pulvinar         0.26         0.27         0.56           central lateral         0.22         0.33         0.59           ventral lateral deniculate         -0.17         0.38         0.65           lateral geniculate         -0.11         0.52         0.76           medial ventral (reuniens)         0.07         0.71         0.91           ventral anterior         -0.04         0.81         0.92           medial ventral (reuniens)         0.07         0.71         0.91           ventral anterior         -0.04         0.81         0.92           ventral anterior         -0.04         0.81         0.92           ventral medial         0.04         0.83         0.93           parasticular         -0.04         0.86         0.93           parasticular         -0.02         0.92	Structure	Region	beta	р	FDR_q
Ilimitans (suprageniculate)	thalamus	mediodorsal	-0.44	0.0077	0.044
ventromedial         -0.24         0.2         0.49           laterodorsal         0.24         0.22         0.51           lateral posterior         0.23         0.24         0.53           pulvinar         0.26         0.27         0.56           central lateral         0.22         0.33         0.59           ventral lateral geniculate         -0.16         0.41         0.67           medial geniculate         -0.11         0.52         0.76           medial geniculate         -0.11         0.52         0.76           medial ventral (reuniens)         0.07         0.71         0.91           anteroventral         0.05         0.79         0.91           ventral anterior         -0.04         0.81         0.92           central medial         0.04         0.83         0.93           centromedian         0.04         0.83         0.93           centromedian         0.03         0.9         0.94           parafascicular         -0.02         0.92         0.94           hippocampal fissure         0.02         0.92         0.94           hippocampal mygdala transition area         0.23         0.22         0.51      <		ventral posterolateral	-0.32	0.087	0.28
Ilaterodorsal   0.24   0.22   0.51     Ilateral posterior   0.23   0.24   0.53     pullvinar   0.26   0.27   0.56     central lateral   0.22   0.33   0.59     ventral lateral   0.21   0.33   0.65     lateral geniculate   -0.17   0.38   0.65     Ilateral geniculate   -0.16   0.41   0.67     medial geniculate   -0.11   0.52   0.76     medial ventral (reuniens)   0.07   0.71   0.91     anteroventral   0.05   0.79   0.91     ventral anterior   -0.04   0.83   0.93     ventral anterior   -0.04   0.83   0.93     ventral anterior   -0.04   0.86   0.93     centromedian   0.03   0.9   0.94     parafascicular   -0.02   0.92   0.94     hippocampal amygdala transition area   0.23   0.22   0.51     fimbria   0.20   0.35   0.62     CA1   0.17   0.44   0.71     CA4   0.13   0.5   0.76     CA5   0.17   0.44   0.71     CA6   0.17   0.47   0.91     parasubiculum   -0.19   0.67   0.91     parasubiculum   -0.11   0.68   0.91     GC ML DG   0.06   0.77   0.91     molecular layer   0.01   0.97   0.98     hippocampal tail   0.00   0.99   0.99     amygdala   cortical nucleus   -0.37   0.048   0.17     medial nucleus   -0.37   0.048   0.17     medial nucleus   -0.37   0.048   0.17     medial nucleus   -0.37   0.048   0.17     paralaminar nucleus   -0.07   0.75   0.91     daccessory basal nucleus   -0.07   0.75   0.91     accessory basal nucleus   -0.07   0.75   0.91     ecentral nucleus   -0.07   0.75   0.91		limitans (suprageniculate)	0.31	0.11	0.33
lateral posterior   0.23   0.24   0.53   pulvinar   0.26   0.27   0.56		ventromedial	-0.24	0.2	0.49
Pulvinar   0.26   0.27   0.56   Central lateral   0.22   0.33   0.59   Ventral lateral   0.21   0.38   0.65   lateral geniculate   0.11   0.52   0.76   0.		laterodorsal	0.24	0.22	0.51
central lateral         0.22         0.33         0.59           ventral lateral         -0.17         0.38         0.65           lateral geniculate         -0.16         0.41         0.67           medial ventral (reuniens)         0.07         0.71         0.91           anteroventral         0.05         0.79         0.91           ventral anterior         -0.04         0.81         0.92           ventral medial         0.04         0.83         0.93           central medial         0.04         0.83         0.93           whole thalamus         -0.04         0.86         0.93           centromedian         0.03         0.9         0.94           hippocampus         hippocampal fissure         0.48         0.024         0.1           hippocampal amygdala transition area         0.23         0.22         0.51           fimbria         0.20         0.35         0.62           CA1         0.17         0.44         0.71           CA2/3         0.10         0.62         0.9           parasubiculum         0.10         0.67         0.91           presubiculum         -0.19         0.67         0.91		lateral posterior	0.23	0.24	0.53
ventral lateral         -0.17         0.38         0.65           lateral geniculate         -0.16         0.41         0.67           medial geniculate         -0.11         0.52         0.76           medial ventral (reuniens)         0.07         0.71         0.91           anteroventral         0.05         0.79         0.91           ventral medial         0.04         0.83         0.93           whole thalamus         -0.04         0.83         0.93           whole thalamus         -0.04         0.83         0.93           parafascicular         -0.02         0.92         0.94           hippocampal amygdala transition area         0.03         0.9         0.94           hippocampal amygdala transition area         0.23         0.22         0.51           fimbria         0.20         0.35         0.62           CA1         0.17         0.44         0.71           CA2         0.10         0.62         0.9           parasubiculum         0.10         0.62         0.9           parasubiculum         0.10         0.67         0.91           general subiculum         0.13         0.68         0.91 <t< td=""><td>pulvinar</td><td>0.26</td><td>0.27</td><td>0.56</td></t<>		pulvinar	0.26	0.27	0.56
lateral geniculate		central lateral	0.22	0.33	0.59
medial geniculate         -0.11         0.52         0.76           medial ventral (reuniens)         0.07         0.71         0.91           anteroventral         0.05         0.79         0.91           ventral anterior         -0.04         0.81         0.92           central medial         0.04         0.83         0.93           whole thalamus         -0.04         0.86         0.93           centromedian         0.03         0.9         0.94           parafascicular         -0.02         0.92         0.94           hippocampus         hippocampal fissure         0.48         0.024         0.1           hippocampal amygdala transition area         0.23         0.22         0.51           fimbria         0.20         0.35         0.62           CA1         0.17         0.44         0.71           CA2         0.13         0.5         0.76           CA2/3         0.10         0.62         0.9           parasubiculum         0.10         0.67         0.91           presubiculum         0.10         0.67         0.91           general medial muclum         0.01         0.67         0.91 <t< td=""><td>ventral lateral</td><td>-0.17</td><td>0.38</td><td>0.65</td></t<>		ventral lateral	-0.17	0.38	0.65
medial ventral (reuniens)         0.07         0.71         0.91           anteroventral         0.05         0.79         0.91           ventral anterior         -0.04         0.81         0.92           central medial         0.04         0.83         0.93           whole thalamus         -0.04         0.86         0.93           centromedian         0.03         0.9         0.94           hippocampus         hippocampal fissure         0.48         0.024         0.1           hippocampal amygdala transition area         0.23         0.22         0.51           fimbria         0.20         0.35         0.62           CA1         0.17         0.44         0.71           CA2/3         0.10         0.62         0.9           parasubiculum         0.10         0.67         0.91           presubiculum         -0.19         0.67         0.91           presubiculum         -0.19         0.67         0.91           presubiculum         -0.13         0.68         0.91           general presubiculum         -0.13         0.68         0.91           general presubiculum         -0.10         0.67         0.91 <t< td=""><td>lateral geniculate</td><td>-0.16</td><td>0.41</td><td>0.67</td></t<>		lateral geniculate	-0.16	0.41	0.67
anteroventral   0.05   0.79   0.91     ventral anterior   -0.04   0.81   0.92     central medial   0.04   0.83   0.93     whole thalamus   -0.04   0.86   0.93     centromedian   0.03   0.9   0.94     parafascicular   -0.02   0.92   0.94     hippocampus   hippocampal fissure   0.48   0.024   0.1     hippocampal amygdala transition area   0.23   0.22   0.51     fimbria   0.20   0.35   0.62     CA1   0.17   0.44   0.71     CA4   0.13   0.5   0.76     CA2/3   0.10   0.62   0.9     parasubiculum   0.10   0.67   0.91     presubiculum   -0.19   0.67   0.91     presubiculum   -0.11   0.68   0.91     GC ML DG   0.06   0.77   0.91     molecular layer   0.01   0.97   0.98     hippocampal tail   0.00   0.99   0.99     amygdala   cortical nucleus   -0.37   0.048   0.17     medial nucleus   -0.37   0.048   0.79     anterior amygdaloid transition   0.07   0.71   0.91     paralaminar nucleus   0.79   0.75   0.91     central nucleus   -0.07   0.75   0.91		medial geniculate	-0.11	0.52	0.76
ventral anterior -0.04         0.81         0.92           central medial         0.04         0.83         0.93           whole thalamus -0.04         0.86         0.93           centromedian parafascicular -0.02         0.92         0.94           hippocampus hippocampal fissure phippocampal amygdala transition area phippocampal amygdala phippocampal		medial ventral (reuniens)	0.07	0.71	0.91
central medial whole thalamus -0.04         0.83         0.93           whole thalamus -0.04         0.86         0.93           centromedian parafascicular -0.02         0.92         0.94           hippocampus hippocampal fissure hippocampal amygdala transition area parafimbria         0.20         0.25         0.51           CA1 0.17 0.44 0.71         0.44 0.71         0.44 0.71         0.44 0.71         0.44 0.71           CA2/3 0.10 0.62 0.9         0.62 0.9         0.62 0.9         0.62 0.9           parasubiculum 0.10 0.67 0.91         0.67 0.91         0.67 0.91           presubiculum -0.13 0.68 0.91         0.91 0.91         0.06 0.77 0.91           Whole hippocampus 0.08 0.79 0.91         0.08 0.79 0.91         0.91 0.91           molecular layer 0.01 0.97 0.98 0.99         0.99 0.99         0.99           amygdala cortical nucleus -0.37 0.048 0.17 0.91         0.07 0.91 0.91           medial nucleus -0.37 0.08 0.27 0.91         0.07 0.71 0.91           basal nucleus 0.07 0.75 0.91         0.91 0.91 0.91 0.91           paralaminar nucleus 0.79 0.75 0.91 0.91 0.91 0.91 0.91 0.91 0.91 0.91		anteroventral	0.05	0.79	0.91
whole thalamus         -0.04         0.86         0.93           centromedian         0.03         0.9         0.94           parafascicular         -0.02         0.92         0.94           hippocampus         hippocampal fissure         0.48         0.024         0.1           hippocampal amygdala transition area         0.23         0.22         0.51           fimbria         0.20         0.35         0.62           CA1         0.17         0.44         0.71           CA2/3         0.10         0.62         0.9           parasubiculum         0.10         0.67         0.91           presubiculum         -0.19         0.67         0.91           presubiculum         -0.19         0.67         0.91           gC ML DG         0.06         0.77         0.91           molecular layer         0.01         0.97         0.93           molecular layer         0.01         0.97         0.98           hippocampal tail         0.00         0.99         0.99           amygdala         cortical nucleus         -0.37         0.048         0.17           medial nucleus         -0.37         0.08         0.27		ventral anterior	-0.04	0.81	0.92
centromedian         0.03         0.9         0.94           hippocampus         hippocampal fissure         0.48         0.024         0.1           hippocampal amygdala transition area         0.23         0.22         0.51           fimbria         0.20         0.35         0.62           CA1         0.17         0.44         0.71           CA4         0.13         0.5         0.76           CA2/3         0.10         0.62         0.9           parasubiculum         0.10         0.67         0.91           presubiculum         -0.19         0.67         0.91           gubiculum         -0.19         0.67         0.91           gubiculum         -0.13         0.68         0.91           gubiculum         -0.13         0.68<		central medial	0.04	0.83	0.93
Parafascicular -0.02		whole thalamus	-0.04	0.86	0.93
hippocampus         hippocampal amygdala transition area         0.48         0.024         0.1           hippocampal amygdala transition area         0.23         0.22         0.51           fimbria         0.20         0.35         0.62           CA1         0.17         0.44         0.71           CA4         0.13         0.5         0.76           CA2/3         0.10         0.62         0.9           parasubiculum         0.10         0.67         0.91           presubiculum         -0.19         0.67         0.91           subiculum         -0.13         0.68         0.91           GC ML DG         0.06         0.77         0.91           whole hippocampus         0.08         0.79         0.91           molecular layer         0.01         0.97         0.98           hippocampal tail         0.00         0.99         0.99           amygdala         cortical nucleus         -0.37         0.048         0.17           medial nucleus         -0.37         0.08         0.27           anterior amygdaloid transition         0.07         0.7         0.91           basal nucleus         0.10         0.71         0.9		centromedian	0.03	0.9	0.94
hippocampal amygdala transition area         0.23         0.22         0.51           fimbria         0.20         0.35         0.62           CA1         0.17         0.44         0.71           CA2 down 1.3         0.5         0.76           CA2/3         0.10         0.62         0.9           parasubiculum         0.10         0.67         0.91           presubiculum         -0.19         0.67         0.91           generation between the process of the process		parafascicular	-0.02	0.92	0.94
fimbria         0.20         0.35         0.62           CA1         0.17         0.44         0.71           CA4         0.13         0.5         0.76           CA2/3         0.10         0.62         0.9           parasubiculum         0.10         0.67         0.91           presubiculum         -0.19         0.67         0.91           subiculum         -0.13         0.68         0.91           GC ML DG         0.06         0.77         0.91           whole hippocampus         0.08         0.79         0.91           molecular layer         0.01         0.97         0.98           hippocampal tail         0.00         0.99         0.99           amygdala         cortical nucleus         -0.37         0.048         0.17           medial nucleus         -0.37         0.048         0.17           anterior amygdaloid area         -0.17         0.31         0.59           corticoamygdaloid transition         0.07         0.7         0.91           basal nucleus         0.10         0.71         0.91           paralaminar nucleus         0.07         0.75         0.91           central nucleus	hippocampus	hippocampal fissure	0.48	0.024	0.1
CA1         0.17         0.44         0.71           CA4         0.13         0.5         0.76           CA2/3         0.10         0.62         0.9           parasubiculum         0.10         0.67         0.91           presubiculum         -0.19         0.67         0.91           subiculum         -0.13         0.68         0.91           GC ML DG         0.06         0.77         0.91           whole hippocampus         0.08         0.79         0.91           molecular layer         0.01         0.97         0.98           hippocampal tail         0.00         0.99         0.99           amygdala         cortical nucleus         -0.37         0.048         0.17           medial nucleus         -0.37         0.08         0.27           anterior amygdaloid area         -0.17         0.31         0.59           corticoamygdaloid transition         0.07         0.7         0.91           basal nucleus         0.10         0.71         0.91           paralaminar nucleus         0.79         0.75         0.91           central nucleus         -0.07         0.75         0.91           accessory ba		hippocampal amygdala transition area	0.23	0.22	0.51
CA4         0.13         0.5         0.76           CA2/3         0.10         0.62         0.9           parasubiculum         0.10         0.67         0.91           presubiculum         -0.19         0.67         0.91           subiculum         -0.13         0.68         0.91           GC ML DG         0.06         0.77         0.91           whole hippocampus         0.08         0.79         0.91           molecular layer         0.01         0.97         0.98           hippocampal tail         0.00         0.99         0.99           amygdala         cortical nucleus         -0.37         0.048         0.17           medial nucleus         -0.37         0.08         0.27           anterior amygdaloid area         -0.17         0.31         0.59           corticoamygdaloid transition         0.07         0.7         0.91           basal nucleus         0.10         0.71         0.91           paralaminar nucleus         -0.07         0.75         0.91           accessory basal nucleus         0.06         0.77         0.91           whole amygdala         0.04         0.88         0.94		fimbria	0.20	0.35	0.62
CA2/3         0.10         0.62         0.9           parasubiculum         0.10         0.67         0.91           presubiculum         -0.19         0.67         0.91           subiculum         -0.13         0.68         0.91           GC ML DG         0.06         0.77         0.91           whole hippocampus         0.08         0.79         0.91           molecular layer         0.01         0.97         0.98           hippocampal tail         0.00         0.99         0.99           amygdala         cortical nucleus         -0.37         0.048         0.17           medial nucleus         -0.37         0.08         0.27           anterior amygdaloid area         -0.17         0.31         0.59           corticoamygdaloid transition         0.07         0.7         0.91           basal nucleus         0.10         0.71         0.91           central nucleus         -0.07         0.75         0.91           accessory basal nucleus         0.06         0.77         0.91           whole amygdala         0.04         0.88         0.94		CA1	0.17	0.44	0.71
parasubiculum         0.10         0.67         0.91           presubiculum         -0.19         0.67         0.91           subiculum         -0.13         0.68         0.91           GC ML DG         0.06         0.77         0.91           whole hippocampus         0.08         0.79         0.91           molecular layer         0.01         0.97         0.98           hippocampal tail         0.00         0.99         0.99           amygdala         cortical nucleus         -0.37         0.048         0.17           medial nucleus         -0.37         0.08         0.27           anterior amygdaloid area         -0.17         0.31         0.59           corticoamygdaloid transition         0.07         0.7         0.91           basal nucleus         0.10         0.71         0.91           paralaminar nucleus         0.79         0.75         0.91           central nucleus         -0.07         0.75         0.91           accessory basal nucleus         0.06         0.77         0.91           whole amygdala         0.04         0.88         0.94		CA4	0.13	0.5	0.76
presubiculum -0.19   0.67   0.91     subiculum -0.13   0.68   0.91     GC ML DG   0.06   0.77   0.91     whole hippocampus   0.08   0.79   0.91     molecular layer   0.01   0.97   0.98     hippocampal tail   0.00   0.99   0.99     amygdala   cortical nucleus -0.37   0.048   0.17     medial nucleus -0.37   0.08   0.27     anterior amygdaloid area   -0.17   0.31   0.59     corticoamygdaloid transition   0.07   0.7   0.91     basal nucleus   0.10   0.71   0.91     paralaminar nucleus   0.79   0.75   0.91     central nucleus -0.07   0.75   0.91     accessory basal nucleus   0.06   0.77   0.91     whole amygdala   0.04   0.88   0.94		CA2/3	0.10	0.62	0.9
subiculum -0.13         0.68         0.91           GC ML DG         0.06         0.77         0.91           whole hippocampus         0.08         0.79         0.91           molecular layer         0.01         0.97         0.98           hippocampal tail         0.00         0.99         0.99           amygdala         cortical nucleus -0.37         0.04         0.17           medial nucleus -0.37         0.08         0.27           anterior amygdaloid area -0.17         0.31         0.59           corticoamygdaloid transition 0.07         0.7         0.91           basal nucleus 0.10         0.71         0.91           paralaminar nucleus 0.79         0.75         0.91           central nucleus -0.07         0.75         0.91           accessory basal nucleus 0.06         0.77         0.91           whole amygdala 0.04         0.88         0.94		parasubiculum	0.10	0.67	0.91
GC ML DG         0.06         0.77         0.91           whole hippocampus         0.08         0.79         0.91           molecular layer         0.01         0.97         0.98           hippocampal tail         0.00         0.99         0.99           amygdala         cortical nucleus         -0.37         0.048         0.17           medial nucleus         -0.37         0.08         0.27           anterior amygdaloid area         -0.17         0.31         0.59           corticoamygdaloid transition         0.07         0.7         0.91           basal nucleus         0.10         0.71         0.91           paralaminar nucleus         0.79         0.75         0.91           central nucleus         -0.07         0.75         0.91           accessory basal nucleus         0.06         0.77         0.91           whole amygdala         0.04         0.88         0.94		presubiculum	-0.19	0.67	0.91
whole hippocampus         0.08         0.79         0.91           molecular layer         0.01         0.97         0.98           hippocampal tail         0.00         0.99         0.99           amygdala         cortical nucleus         -0.37         0.048         0.17           medial nucleus         -0.37         0.08         0.27           anterior amygdaloid area         -0.17         0.31         0.59           corticoamygdaloid transition         0.07         0.7         0.91           basal nucleus         0.10         0.71         0.91           paralaminar nucleus         0.79         0.75         0.91           central nucleus         -0.07         0.75         0.91           accessory basal nucleus         0.06         0.77         0.91           whole amygdala         0.04         0.88         0.94		subiculum	-0.13	0.68	0.91
molecular layer         0.01         0.97         0.98           hippocampal tail         0.00         0.99         0.99           amygdala         cortical nucleus         -0.37         0.048         0.17           medial nucleus         -0.37         0.08         0.27           anterior amygdaloid area         -0.17         0.31         0.59           corticoamygdaloid transition         0.07         0.7         0.91           basal nucleus         0.10         0.71         0.91           paralaminar nucleus         0.79         0.75         0.91           central nucleus         -0.07         0.75         0.91           accessory basal nucleus         0.06         0.77         0.91           whole amygdala         0.04         0.88         0.94		GC ML DG	0.06	0.77	0.91
hippocampal tail         0.00         0.99         0.99           amygdala         cortical nucleus -0.37         0.048         0.17           medial nucleus -0.37         0.08         0.27           anterior amygdaloid area -0.17         0.31         0.59           corticoamygdaloid transition 0.07         0.7         0.91           basal nucleus 0.10         0.71         0.91           paralaminar nucleus 0.79         0.75         0.91           central nucleus -0.07         0.75         0.91           accessory basal nucleus 0.06         0.77         0.91           whole amygdala 0.04         0.88         0.94		whole hippocampus	0.08	0.79	0.91
amygdala       cortical nucleus -0.37       0.048       0.17         medial nucleus -0.37       0.08       0.27         anterior amygdaloid area -0.17       0.31       0.59         corticoamygdaloid transition 0.07       0.7       0.91         basal nucleus 0.10       0.71       0.91         paralaminar nucleus 0.79       0.75       0.91         central nucleus -0.07       0.75       0.91         accessory basal nucleus 0.06       0.77       0.91         whole amygdala 0.04       0.88       0.94		molecular layer	0.01	0.97	0.98
medial nucleus -0.37       0.08       0.27         anterior amygdaloid area -0.17       0.31       0.59         corticoamygdaloid transition 0.07       0.7       0.91         basal nucleus 0.10       0.71       0.91         paralaminar nucleus 0.79       0.75       0.91         central nucleus -0.07       0.75       0.91         accessory basal nucleus 0.06       0.77       0.91         whole amygdala 0.04       0.88       0.94			0.00	0.99	0.99
anterior amygdaloid area -0.17 0.31 0.59 corticoamygdaloid transition 0.07 0.7 0.91 basal nucleus 0.10 0.71 0.91 paralaminar nucleus 0.79 0.75 0.91 central nucleus -0.07 0.75 0.91 accessory basal nucleus 0.06 0.77 0.91 whole amygdala 0.04 0.88 0.94	amygdala	cortical nucleus	-0.37	0.048	0.17
corticoamygdaloid transition 0.07 0.7 0.91         basal nucleus 0.10 0.71 0.91         paralaminar nucleus 0.79 0.75 0.91         central nucleus -0.07 0.75 0.91         accessory basal nucleus 0.06 0.77 0.91         whole amygdala 0.04 0.88 0.94		medial nucleus	-0.37	0.08	0.27
basal nucleus 0.10 0.71 0.91 paralaminar nucleus 0.79 0.75 0.91 central nucleus -0.07 0.75 0.91 accessory basal nucleus 0.06 0.77 0.91 whole amygdala 0.04 0.88 0.94		anterior amygdaloid area	-0.17	0.31	0.59
paralaminar nucleus 0.79 0.75 0.91  central nucleus -0.07 0.75 0.91  accessory basal nucleus 0.06 0.77 0.91  whole amygdala 0.04 0.88 0.94			0.07	0.7	0.91
central nucleus -0.07 0.75 0.91 accessory basal nucleus 0.06 0.77 0.91 whole amygdala 0.04 0.88 0.94			0.10	0.71	0.91
accessory basal nucleus 0.06 0.77 0.91 whole amygdala 0.04 0.88 0.94			0.79	0.75	0.91
whole amygdala 0.04 0.88 0.94		central nucleus	-0.07	0.75	0.91
		accessory basal nucleus	0.06	0.77	0.91
lateral nucleus -0.02 0.9 0.94			0.04	0.88	0.94
		lateral nucleus	-0.02	0.9	0.94