Supplementary Table 2. Statistical Analyses

1. Figure 1b SPT

a. Genotype x Enriched Environment Treatment Effects

Two-way ANOVA			**Genotype Effects**	**Treatment Effects**	**Genotype X Treatment Interactions**	***Post hoc* Bonferroni Test Genotype Effects (WT vs KIV)**		***Post hoc* Bonferroni Test Treatment Effects (SCT vs EET)**	
						SCT	**EET**	**WT**	**KIV**
Early-life Development (ED)	Male	Pre	**$F_{(1,56)} = 8.2$ P < 0.01**	**$F_{(1,56)} = 8.4$ P < 0.005**	**$F_{(1,56)} = 7.0$ P < 0.05**	**$T_{28} = 3.9$ P < 0.001**	$T_{28} = 0.15$ P > 0.05	$T_{28} = 0.18$ P > 0.05	**$T_{28} = 3.9$ P < 0.001**
		Post	**$F_{(1,56)} = 16.7$ P < 0.001**	**$F_{(1,56)} = 5.4$ P < 0.05**	**$F_{(1,56)} = 4.6$ P < 0.05**	**$T_{28} = 4.4$ P < 0.0001**	$T_{28} = 1.4$ P > 0.05	$T_{28} = 0.1$ P > 0.05	**$T_{28} = 3.2$ P < 0.01**
	Female	Pre	$F_{(1,56)} = 1.9$ P = 0.17	$F_{(1,56)} = 3.0$ P = 0.09	**$F_{(1,56)} = 14.5$ P < 0.001**	**$T_{28} = 3.7$ P < 0.01**	$T_{28} = 1.7$ P > 0.05	$T_{28} = 1.5$ P > 0.05	**$T_{28} = 3.9$ P < 0.001**
		Post	**$F_{(1,56)} = 8.9$ P < 0.005**	$F_{(1,56)} = 1.3$ P = 0.17	**$F_{(1,55)} = 9.2$ P < 0.01**	**$T_{28} = 4.3$ P < 0.001**	$T_{28} = 0.03$ P > 0.05	$T_{28} = 1.4$ P > 0.05	**$T_{28} = 2.9$ P < 0.01**
Young Adult (YA)	Male	Pre	$F_{(1,56)} = 2.4$ P = 0.12	$F_{(1,56)} = 1.5$ P = 0.22	**$F_{(1,56)} = 6.2$ P < 0.05**	**$T_{28} = 2.9$ P < 0.05**	$T_{28} = 0.66$ P > 0.05	$T_{28} = 0.88$ P > 0.05	**$T_{28} = 2.6$ P < 0.05**
		Post	**$F_{(1,49)} = 7.9$ P < 0.01**	**$F_{(1,49)} = 5.5$ P < 0.05**	$F_{(1,49)} = 1.1$ P = 0.31	**$T_{28} = 2.9$ P < 0.05**	$T_{21} = 1.1$ P > 0.05	$T_{28} = 0.92$ P > 0.05	**$T_{28} = 2.4$ P < 0.05**
	Female	Pre	$F_{(1,56)} = 2.7$ P = 0.11	$F_{(1,56)} = 1.6$ P = 0.21	**$F_{(1,56)} = 4.5$ P < 0.05**	**$T_{28} = 2.7$ P < 0.05**	$T_{28} = 0.34$ P > 0.05	$T_{28} = 0.59$ P > 0.05	**$T_{28} = 2.4$ P < 0.05**
		Post	**$F_{(1,56)} = 4.3$ P < 0.05**	$F_{(1,56)} = 0.2$ P = 0.63	$F_{(1,56)} = 5.0$ P = 0.03	**$T_{28} = 3.1$ P < 0.01**	$T_{28} = 0.12$ P > 0.05	$T_{28} = 1.2$ P > 0.05	$T_{28} = 1.9$ P > 0.05
Old Adult (OA)	Male	Pre	$F_{(1,56)} = 1.8$ P = 0.19	$F_{(1,56)} = 2.4$ P = 0.12	**$F_{(1,56)} = 4.5$ P < 0.05**	**$T_{28} = 2.4$ P < 0.05**	$T_{28} = 0.55$ P > 0.05	$T_{28} = 0.40$ P > 0.05	**$T_{28} = 2.6$ P < 0.05**
		Post	$F_{(1,56)} = 2.4$ P = 0.13	$F_{(1,56)} = 1.6$ P = 0.22	**$F_{(1,56)} = 4.0$ P < 0.05**	**$T_{28} = 2.5$ P < 0.05**	$T_{28} = 0.31$ P > 0.05	$T_{28} = 0.52$ P > 0.05	$T_{28} = 2.3$ P > 0.05
	Female	Pre	**$F_{(1,56)} = 5.0$ P < 0.05**	**$F_{(1,56)} = 4.3$ P < 0.05**	$F_{(1,56)} = 2.7$ P = 0.11	**$T_{28} = 2.7$ P < 0.05**	$T_{28} = 0.42$ P > 0.05	$T_{28} = 0.31$ P > 0.05	**$T_{28} = 2.6$ P < 0.05**
		Post	$F_{(1,56)} = 2.2$ P = 0.15	$F_{(1,56)} = 0.03$ P = 0.87	**$F_{(1,56)} = 8.2$ P < 0.01**	**$T_{28} = 3.1$ P < 0.01**	$T_{28} = 1.0$ P > 0.05	$T_{28} = 1.9$ P > 0.05	$T_{28} = 2.1$ P > 0.05

Student's *t*-test	**WT-SCT vs. KIV-EET**			**WT-SCT vs. KIV-EET-SCT**		
	ED	**YA**	**OA**	**ED**	**YA**	**OA**
Male	P=0.97	P=0.11	P=0.82	P=0.74	P=0.72	P=0.81
Female	P=0.81	P=0.07	P=0.76	P=0.17	P=0.90	P=0.40

2. Supplementary Figure 1 Age Effects on Sucrose Preference

a. Age effects on genotype (Suppl. Fig. 1a)

One-way ANOVA		**Age Effect (ED YA OA)**
% WT	Male	P = 0.745
	Female	P = 0.671

b. Genotype x age effects on EET effects (Suppl. Fig. 1b and 1c)

Two-way ANOVA		**Genotype Effects**	**Age Effects**	**Genotype X Age Interactions**
Pre (T1)	Male	$F_{(1,84)} = 50.6$ P < 0.001	$F_{(2, 84)} = 2.1$ P > 0.05	$F_{(2,84)} = 0.47$ P > 0.05
	Female	$F_{(1,83)} = 46.6$ P < 0.001	$F_{(2, 83)} = 0.04$ P > 0.05	$F_{(2,83)} = 0.14$ P > 0.05
Post (T2)	Male	$F_{(1,77)} = 13.4$ P < 0.001	$F_{(2, 77)} = 0.27$ P > 0.05	$F_{(2,77)} = 0.37$ P > 0.05
	Female	$F_{(1,84)} = 44.5$ P < 0.001	$F_{(2, 84)} = 1.9$ P > 0.05	$F_{(2,84)} = 4.02$ P < 0.05

3. Fig. 2 Total BDNF mRNA (exon IXc)

a. Basal level (Fig. 2a)

Genotype x age effects

Two-way ANOVA	**Genotype Effects**	**Age Effects**	**Genotype X Age Interactions**	***Post hoc* Bonferroni multiple comparisons**								
				Genotype Effects (WT vs. KIV)			**Age Effects (ED, YA, OA)**					
				ED	**YA**	**OA**	**WT**			**KIV**		
							ED vs YA	**ED vs OA**	**YA vs OA**	**ED vs YA**	**ED vs OA**	**YA vs OA**
Hippocampus	**$F_{(1, 90)}$ = 60.5 P < 0.001**	$F_{(2, 90)}$ = 0.11 P > 0.05	$F_{(2, 90)}$ = 0.28 P > 0.05	**T_{30} = 4.7 P < 0.001**	**T_{30} = 4.9 P < 0.001**	**T_{30} = 3.9 P < 0.001**	T_{30} = 0.16 P > 0.05	T_{30} = 0.09 P > 0.05	T_{30} = 0.25 P > 0.05	T_{30} = 0.03 P > 0.05	T_{30} = 0.71 P > 0.05	T_{30} = 0.74 P > 0.05
Frontal Cortex	**$F_{(1, 90)}$ = 369 P < 0.001**	**$F_{(2, 90)}$ = 7.8 P < 0.001**	**$F_{(2, 90)}$ = 9.0 P < 0.001**	**T_{30} = 14.0 P < 0.001**	**T_{30} = 11.2 P < 0.001**	**T_{30} = 8.03 P < 0.001**	T_{30} = 2.1 P > 0.05	**T_{30} = 5.7 P < 0.001**	**T_{30} = 3.6 P < 0.01**	T_{30} = 0.74 P > 0.05	T_{30} = 0.31 P > 0.05	T_{30} = 0.42 P > 0.05

b. BDNF induction by EET (T1) (Fig. 2b)

EET x age effects

Two-way ANOVA		**EET Effects**	**Age Effects**	**EET X Age Interactions**	***Post hoc* Bonferroni multiple comparisons**					
					EET Effects (EET vs. SCT)			**Age Effects (ED, YA, OA)**		
					ED	**YA**	**OA**	**EET**		
								ED vs YA	**ED vs OA**	**YA vs OA**
Hippocampus	WT	**$F_{(1, 38)}$ = 27.1 P < 0.001**	$F_{(1, 38)}$ = 0.59 P > 0.05	$F_{(2, 38)}$ = 0.41 P > 0.05	**T_{13} = 2.61 P < 0.05**	**T_{13} = 2.63 P < 0.05**	**T_{13} = 3.78 P < 0.01**			
	KIV	**$F_{(1, 38)}$ = 35 P < 0.001**	$F_{(1, 38)}$ = 0.18 P > 0.05	$F_{(2, 38)}$ = 0.14 P > 0.05	**T_{12} = 3.39 P < 0.01**	**T_{13} = 3.80 P < 0.01**	**T_{13} = 1.29 P < 0.05**			
Frontal Cortex	WT	**$F_{(1, 42)}$ = 23.5 P < 0.001**	$F_{(2, 42)}$ = 1.34 P > 0.05	$F_{(2, 42)}$ = 1.34 P > 0.05	T_{14} = 2.29 P > 0.05	T_{14} = 1.98 P > 0.05	**T_{14} = 4.12 P < 0.001**			
	KIV	**$F_{(1, 42)}$ = 5.96 P < 0.05**	**$F_{(2, 42)}$ = 7.35 P < 0.01**	**$F_{(2, 42)}$ = 8.16 P < 0.01**	**T_{14} = 4.60 P < 0.001**	T_{14} = 0.55 P > 0.05	T_{14} = 0.92 P > 0.05	**T_{14} = 4.05 P < 0.01**	**T_{14} = 5.33 P < 0.001**	T_{14} = 0.184 P > 0.05

Genotype x age effects

Two-way ANOVA	**Genotype Effects**	**Age Effects**	**Genotype X Age Interactions**	***Post hoc* Bonferroni multiple comparisons**								
				Genotype Effects (WT vs. KIV)			**Age Effects (ED, YA, OA)**					
				ED	**YA**	**OA**	**WT**			**KIV**		
							ED vs YA	**ED vs OA**	**YA vs OA**	**ED vs YA**	**ED vs OA**	**YA vs OA**
Hippocampus	$F_{(1, 36)}$ = 0.97 P > 0.05	$F_{(2, 36)}$ = 0.0007 P > 0.05	$F_{(2, 36)}$ = 2.6 P > 0.05									
Frontal Cortex	**$F_{(1, 42)}$ = 9.20 P < 0.01**	**$F_{(2, 42)}$ = 4.38 P < 0.05**	**$F_{(2, 42)}$ = 12.1 P < 0.001**	T_{14} = 1.69 P > 0.05	T_{14} = 1.69 P > 0.05	**T_{14} = 5.25 P < 0.001**	T_{14} = 0.34 P > 0.05	T_{14} = 2.03 P > 0.05	T_{14} = 2.37 P > 0.05	**T_{14} = 3.73 P < 0.01**	**T_{14} = 4.92 P < 0.001**	T_{14} = 1.19 P > 0.05

c. Lasting BDNF induction by EET (T2) (Fig. 2c)

EET x age effects

Two-way ANOVA		**EET-SCT Effects**	**Age Effects**	**EET-SCT X Age Interactions**	***Post hoc* Bonferroni multiple comparisons**					
					EET Effects (EET-SCT vs. SCT-SCT)			**Age Effects (ED, YA, OA)**		
					ED	**YA**	**OA**	**EET-SCT**		
								ED vs YA	**ED vs OA**	**YA vs OA**
Hippocampus	WT	$F_{(1, 38)} = 0.03$ $P > 0.05$	$F_{(2, 38)} = 0.63$ $P > 0.05$	$F_{(2, 38)} = 0.79$ $P > 0.05$						
	KIV	$F_{(1, 38)} = 0.58$ $P > 0.05$	$F_{(2, 38)} = 5.23$ $P < 0.01$	**$F_{(2, 38)} = 6.28$ $P < 0.01$**	**$T_{13} = 2.67$ $P < 0.05$**	$T_{13} = 0.34$ $P > 0.05$	$T_{12} = 0.95$ $P > 0.05$	$T_{13} = 2.60$ $P > 0.05$	**$T_{12} = 4.71$ $P < 0.001$**	$T_{13} = 2.26$ $P > 0.05$
Frontal Cortex	WT	$F_{(1, 40)} = 3.62$ $P > 0.05$	$F_{(2, 40)} = 0.80$ $P > 0.05$	$F_{(2, 40)} = 0.80$ $P > 0.05$						
	KIV	$F_{(1, 42)} = 1.81$ $P > 0.05$	$F_{(2, 42)} = 2.87$ $P > 0.05$	**$F_{(2, 42)} = 3.64$ $P < 0.05$**	**$T_{14} = 2.75$ $P < 0.05$**	$T_{14} = 1.06$ $P > 0.05$	$T_{14} = 0.64$ $P > 0.05$	**$T_{14} = 3.6$ $P < 0.01$**	$T_{14} = 1.9$ $P > 0.05$	$T_{14} = 1.69$ $P > 0.05$

Genotype x age effects

Two-way ANOVA	**Genotype Effects**	**Age Effects**	**Genotype X Age Interactions**	***Post hoc* Bonferroni multiple comparisons**								
				Genotype Effects (WT vs. KIV)			**Age Effects (ED, YA, OA)**					
				ED	**YA**	**OA**	**WT**			**KIV**		
							ED vs YA	**ED vs OA**	**YA vs OA**	**ED vs YA**	**ED vs OA**	**YA vs OA**
Hippocampus	$F_{(1, 40)} = 0.75$ $P > 0.05$	**$F_{(2, 40)} = 5.39$ $P < 0.01$**	$F_{(2, 40)} = 0.36$ $P > 0.05$	$T_{12} = 1.00$ $P > 0.05$	$T_{14} = 0.62$ $P > 0.05$	$T_{13} = 0.16$ $P > 0.05$	$T_{13} = 1.50$ $P > 0.05$	$T_{13} = 1.65$ $P > 0.05$	$T_{14} = 0.16$ $P > 0.05$	$T_{13} = 1.93$ $P > 0.05$	**$T_{12} = 2.83$ $P < 0.05$**	$T_{13} = 0.16$ $P > 0.05$
Frontal Cortex	**$F_{(1, 42)} = 14.1$ $P < 0.001$**	**$F_{(2, 42)} = 3.4$ $P < 0.05$**	**$F_{(2, 42)} = 4.21$ $P < 0.05$**	**$T_{14} = 2.75$ $P < 0.05$**	$T_{14} = 1.28$ $P > 0.05$	$T_{14} = 0.73$ $P > 0.05$	$T_{14} = 0.18$ $P > 0.05$	$T_{14} = 2.17$ $P > 0.05$	$T_{14} = 1.99$ $P > 0.05$	**$T_{14} = 3.07$ $P < 0.05$**	$T_{14} = 1.62$ $P > 0.05$	$T_{14} = 1.45$ $P > 0.05$

4. Supplementary Figure 2. Exon-specific BDNF transcription with SCT
Genotype x age effects on basal level

Two-way ANOVA		**Genotype Effects**	**Age Effects**	**Genotype X Age Interactions**	***Post hoc* Bonferroni multiple comparisons**								
					Genotype Effects (WT vs. KIV)			**Age Effects (ED, YA, OA)**					
					ED	**YA**	**OA**	**WT**			**KIV**		
								ED vs YA	**ED vs OA**	**YA vs OA**	**ED vs YA**	**ED vs OA**	**YA vs OA**
Hippocampus	Exon I	**$F_{(1, 87)}$ = 186 P < 0.001**	**$F_{(2, 87)}$ = 9.78 P < 0.005**	$F_{(2, 87)}$ = 2.98 P > 0.05	**T_{30} = 8.8 P < 0.001**	**T_{29} = 6.0 P < 0.001**	**T_{27} = 8.8 P < 0.001**	**T_{29} = 2.8 P < 0.05**	**T_{27} = 2.9 P < 0.05**	T_{26} = 0.15 P > 0.05	T_{30} = 0.06 P > 0.05	**T_{28} = 3.35 P < 0.01**	**T_{28} = 3.29 P < 0.01**
	IIa	**$F_{(1, 88)}$ = 160 P < 0.001**	**$F_{(2, 88)}$ = 1.75 P < 0.005**	$F_{(2, 88)}$ = 6.19 P > 0.05	**T_{30} = 8.1 P < 0.001**	**T_{29} = 8.1 P < 0.001**	**T_{29} = 5.7 P < 0.001**	T_{29} = 0.49 P > 0.05	**T_{29} = 3.0 P < 0.05**	**T_{28} = 3.5 P < 0.01**	T_{30} = 0.42 P > 0.05	T_{30} = 0.78 P > 0.05	T_{30} = 1.2 P > 0.05
	IIb	**$F_{(1, 88)}$ = 120 P < 0.001**	**$F_{(2, 88)}$ = 4.6 P < 0.05**	$F_{(2, 88)}$ = 1.45 P > 0.05	**T_{30} = 7.7 P < 0.001**	**T_{29} = 6.1 P < 0.001**	**T_{29} = 5.2 P < 0.001**	T_{29} = 0.85 P > 0.05	**T_{30} = 3,2 P < 0.05**	T_{29} = 2.3 P > 0.05	T_{30} = 0.59 P > 0.05	T_{29} = 0.73 P > 0.05	T_{29} = 1.3 P > 0.05
	IIc	**$F_{(1, 88)}$ = 339 P < 0.001**	**$F_{(2, 88)}$ = 10.2 P < 0.005**	**$F_{(2, 88)}$ = 5.54 P < 0.01**	**T_{30} = 12.9 P < 0.001**	**T_{29} = 11.0 P < 0.001**	**T_{29} = 8.1 P < 0.001**	T_{29} = 1.2 P > 0.05	**T_{30} = 5.3 P < 0.001**	**T_{29} = 4.0 P < 0.005**	T_{30} = 0.51 P > 0.05	T_{29} = 0.61 P > 0.05	T_{29} = 1.11 P > 0.05
	III	**$F_{(1, 89)}$ = 190 P < 0.001**	**$F_{(2, 89)}$ = 8.8 P < 0.005**	**$F_{(2, 89)}$ = 3.5 P < 0.05**	**T_{30} = 10.0 P < 0.001**	**T_{29} = 7.5 P < 0.001**	**T_{30} = 6.3 P < 0.001**	T_{29} = 2.1 P > 0.05	**T_{30} = 4.5 P < 0.001**	T_{29} = 2.6 P > 0.05	T_{30} = 0.23 P > 0.05	T_{30} = 1.1 P > 0.05	T_{30} = 1.3 P > 0.05
	V	**$F_{(1, 41)}$ = 71 P < 0.001**	$F_{(2, 41)}$ = 2.33 P > 0.005	$F_{(2, 41)}$ = 1.26 P > 0.05	**T_{14} = 5.8 P < 0.001**	**T_{13} = 5.2 P < 0.001**	**T_{14} = 3.6 P < 0.01**	T_{13} = 0.49 P > 0.05	T_{14} = 2.5 P > 0.05	T_{13} = 1.93 P > 0.05	T_{14} = 0.13 P > 0.05	T_{14} = 0.40 P > 0.05	T_{14} = 0.27 P > 0.05
	VI	**$F_{(1, 88)}$ = 16.3 P < 0.001**	**$F_{(2, 88)}$ = 5.71 P < 0.005**	$F_{(2, 88)}$ = 1.57 P > 0.05	**T_{29} = 3.6 P < 0.01**	T_{30} = 1.0 P > 0.05	T_{29} = 2.4 P > 0.05	T_{29} = 2.3 P > 0.05	**T_{29} = 3.0 P < 0.05**	T_{30} = 0.61 P > 0.05	T_{30} = 0.2 P > 0.05	T_{29} = 1.8 P > 0.05	T_{29} = 2.03 P > 0.05
	VIIa	**$F_{(1, 89)}$ = 112 P < 0.001**	**$F_{(2, 89)}$ = 8.35 P < 0.005**	$F_{(2, 89)}$ = 1.57 P > 0.05	**T_{30} = 7.6 P < 0.001**	**T_{29} = 6.4 P < 0.001**	**T_{30} = 4.4 P < 0.001**	T_{29} = 1.0 P > 0.05	**T_{30} = 4.3 P < 0.005**	**T_{29} = 3.1 P < 0.05**	T_{30} = 0.2 P > 0.72	T_{30} = 1.8 P > 0.05	T_{30} = 1.2 P > 0.05
	VIII	**$F_{(1, 89)}$ = 60.0 P < 0.001**	**$F_{(2, 89)}$ = 5.14 P < 0.01**	$F_{(2, 89)}$ = 2.15 P > 0.05	**T_{30} = 6.8 P < 0.001**	**T_{29} = 5.5 P < 0.001**	**T_{30} = 3.9 P < 0.001**	T_{29} = 0.92 P > 0.05	**T_{30} = 3.6 P < 0.01**	T_{29} = 2.6 P > 0.05	T_{30} = 0.3 P > 0.05	T_{30} = 0.65 P > 0.05	T_{30} = 0.95 P > 0.05
	IXa	**$F_{(1, 89)}$ = 122 P < 0.001**	**$F_{(2, 89)}$ = 6.33 P < 0.01**	$F_{(2, 89)}$ = 2.16 P > 0.05	**T_{30} = 7.9 P < 0.001**	**T_{29} = 6.3 P < 0.001**	**T_{30} = 4.9 P < 0.001**	T_{29} = 1.5 P > 0.05	**T_{30} = 3.9 P < 0.05**	T_{29} = 2.4 P > 0.05	T_{30} = 0.01 P > 0.05	T_{30} = 0.98 P > 0.05	T_{30} = 1.00 P > 0.05
Frontal Cortex	I	**$F_{(1, 87)}$ = 138 P < 0.001**	**$F_{(2, 87)}$ = 11.1 P < 0.005**	**$F_{(2, 87)}$ = 4.00 P < 0.05**	**T_{28} = 9.0 P < 0.001**	**T_{30} = 5.7 P < 0.001**	**T_{29} = 5.6 P < 0.001**	T_{28} = 1.1 P > 0.05	**T_{28} = 4.2 P < 0.005**	**T_{30} = 3.2 P < 0.05**	T_{30} = 2.43 P > 0.05	T_{30} = 0.77 P > 0.05	**T_{30} = 3.16 P < 0.05**
	IIa	**$F_{(1, 90)}$ = 154 P < 0.001**	$F_{(2, 90)}$ = 1.39 P < 0.05	$F_{(2, 90)}$ = 0.88 P > 0.05	**T_{30} = 8.2 P < 0.001**	**T_{30} = 6.9 P < 0.001**	**T_{30} = 6.4 P < 0.001**	T_{30} = 0.58 P > 0.05	T_{30} = 1.9 P > 0.05	T_{30} = 1.3 P > 0.05	T_{30} = 0.75 P > 0.05	T_{30} = 0.07 P > 0.05	T_{29} = 0.82 P > 0.05
	IIb	**$F_{(1, 90)}$ = 68.7 P < 0.001**	$F_{(2, 90)}$ = 0.30 P > 0.05	$F_{(2, 90)}$ = 0.08 P > 0.05	**T_{30} = 4.6 P < 0.001**	**T_{30} = 4.7 P < 0.001**	**T_{30} = 5.1 P < 0.001**	T_{30} = 0.54 P > 0.05	T_{30} = 0.66 P > 0.05	T_{30} = 0.12 P > 0.05	T_{30} = 0.49 P > 0.05	T_{30} = 0.16 P > 0.05	T_{30} = 0.33 P > 0.05
	IIc	**$F_{(1, 90)}$ = 288 P < 0.001**	$F_{(2, 90)}$ = 1.03 P > 0.05	$F_{(2, 90)}$ = 0.76 P > 0.05	**T_{30} = 10.8 P < 0.001**	**T_{30} = 9.55 P < 0.001**	**T_{30} = 0.09 P < 0.001**	T_{30} = 0.12 P > 0.05	T_{30} = 1.1 P > 0.05	T_{30} = 1.2 P > 0.05	T_{30} = 1.3 P > 0.05	T_{30} = 1.1 P > 0.05	T_{30} = 1.2 P > 0.05
	III	**$F_{(1, 90)}$ = 173 P < 0.001**	$F_{(2, 90)}$ = 0.353 P > 0.05	$F_{(2, 90)}$ = 0.78 P > 0.05	**T_{30} = 8.5 P < 0.001**	**T_{30} = 8.8 P < 0.001**	**T_{30} = 7.5 P < 0.001**	T_{30} = 1.2 P > 0.05	T_{30} = 1.1 P > 0.05	T_{30} = 0.07 P < 0.05	T_{30} = 0.58 P > 0.05	T_{30} = 0.08 P > 0.05	T_{30} = 0.65 P > 0.05

	V	**$F_{(1, 90)}$ = 135 P < 0.001**	$F_{(2, 90)}$ = 1.87 P > 0.05	$F_{(2, 90)}$ = 0.58 P > 0.05	**T_{30} = 7.4 P < 0.001**	**T_{30} = 6.9 P < 0.001**	**T_{30} = 5.9 P < 0.001**	T_{30} = 0.35 P> 0.05	T_{30} = 2.2 P > 0.05	T_{30} = 1.9 P < 0.05	T_{30} = 0.90 P > 0.05	T_{30} = 0.01 P > 0.01	T_{30} = 0.88 P > 0.05
	VI	**$F_{(1, 90)}$ = 26.8 P < 0.001**	$F_{(2, 90)}$ = 0.49 P > 0.05	$F_{(2, 90)}$ = 1.72 P > 0.05	**T_{30} = 3.6 P < 0.01**	T_{30} = 1.5 P > 0.05	**T_{30} = 3.9 P < 0.005**	T_{30} = 0.37 P< 0.05	T_{30} = 0.71 P > 0.05	T_{30} = 1.1 P > 0.05	T_{30} = 1.7 P > 0.05	T_{30} = 0.35 P > 0.01	T_{30} = 1.35 P > 0.05
	VIIa	**$F_{(1, 90)}$ = 125 P < 0.001**	$F_{(2, 90)}$ = 0.80 P > 0.05	$F_{(2, 90)}$ = 0.50 P > 0.05	**T_{30} = 7.3 P < 0.001**	**T_{30} = 6.1 P < 0.001**	**T_{30} = 6.0 P < 0.001**	T_{30} = 0.10 P > 0.05	T_{30} = 1.1 P > 0.05	T_{30} = 1.0 P > 0.05	T_{30} = 0.40 P > 0.05	T_{30} = 0.17 P > 0.01	T_{30} = 0.89 P > 0.05
	VIII	**$F_{(1, 90)}$ = 110 P < 0.001**	$F_{(2, 90)}$ = 0.55 P > 0.05	$F_{(2, 90)}$ = 0.56 P > 0.05	**T_{30} = 6.9** P > 0.05	T_{30} = 5.4 P > 0.05	**T_{30} = 5.8 P < 0.001**	T_{30} = 0/61 P > 0.05	T_{30} = 1.1 P > 0.05	T_{30} = 0.45 P > 0.05	T_{30} = 0.85 P > 0.05	T_{30} = 0.06 P > 0.01	T_{30} = 0.91 P > 0.05
	IXa	**$F_{(1, 90)}$ = 142 P < 0.001**	$F_{(2, 90)}$ = 0.73 P > 0.05	$F_{(2, 90)}$ = 0.65 P > 0.05	**T_{30} = 7.8 P < 0.001**	**T_{30} = 6.7 P < 0.001**	**T_{30} = 6.2 P < 0.001**	T_{30} = 0.26 P > 0.05	T_{30} = 2.1 P > 0.05	T_{30} = 1.2 P > 0.05	T_{30} = 0.84 P > 0.05	T_{30} = 0.24 P > 0.01	T_{30} = 0.84 P > 0.05

One-way ANOVA		**Age Effects**	**WT**			**KIV**		
			ED vs YA	**ED vs OA**	**YA vs OA**	**ED vs YA**	**ED vs OA**	**YA vs OA**
Hippocampus	exon IV (WT)	**$F_{(2, 43)}$ = 3.62 P < 0.05**	T_{29} = 1.3 P > 0.05	**T_{29} = 2.7 P < 0.05**	T_{28} = 1.4 P > 0.05			
	IV-GFP (KIV)	$F_{(2, 45)}$ = 2.63 P > 0.05				T_{30} = 0.40 P > 0.05	T_{30} = 1.8 P > 0.05	T_{30} = 2.2 P > 0.05
Frontal Cortex	exon IV (WT)	$F_{(2, 45)}$ = 3.62 P < 0.05	T_{30} = 0.37 P > 0.05	T_{30} = 0.30 P < 0.05	T_{30} = 0.66 P > 0.05			
	IV-GFP (KIV)	$F_{(2, 45)}$ = 2.63 P > 0.05				T_{30} = 0.99 P > 0.05	T_{30} = 0.54 P > 0.05	T_{30} = 0.46 P > 0.05

5. Figure 3 Exon-specific BDNF transcription with EET (T1)

EET x age effects

Two-way ANOVA			**EET Effects**	**Age Effects**	**EET X Age Interactions**	***Post hoc* Bonferroni multiple comparisons**					
						EET Effects (EET vs. SCT)			**Age Effects (ED, YA, OA)**		
						ED	**YA**	**OA**	**EET**		
									ED vs YA	**ED vs OA**	**YA vs OA**
Hippocampus	I	WT	**$F_{(1, 40)}$ = 31.3 P < 0.001**	**$F_{(2, 40)}$ = 6.68 P < 0.01**	**$F_{(2, 40)}$ = 6.68 P < 0.01**	T_{14} = 1.4 P > 0.05	T_{13} =2.3 P > 0.05	**T_{13} = 6.1 P < 0.001**	T_{14} = 0.9 P > 0.05	**T_{14} = 5.0 P < 0.001**	**T_{14} = 4.1 P < 0.01**
		KIV	**$F_{(1, 39)}$ = 5.65 P < 0.05**	$F_{(12\ 39)}$ = 1.47 P > 0.05	$F_{(2, 39)}$ = 0.23 P > 0.05	T_{13} = 1.2 P > 0.05	T_{12} = 1.0 P > 0.05	T_{14} = 2.0 P > 0.05			
	IIa	WT	**$F_{(1, 40)}$ = 28.6 P < 0.001**	$F_{(2, 40)}$ = 0.61 P > 0.05	$F_{(2, 40)}$ = 0.61 P > 0.05	**T_{14} = 2.7 P < 0.05**	**T_{13} = 2.6 P < 0.05**	**T_{13} = 4.0 P < 0.005**			
		KIV	**$F_{(1, 40)}$ = 17.9 P < 0.005**	**$F_{(2, 40)}$ = 3.28 P < 0.05**	$F_{(2, 40)}$ = 1.76 P > 0.05	T_{14} = 1.5 P > 0.05	T_{13} = 1.9 P > 0.05	**T_{13} = 3.0 P < 0.001**	T_{14} = 0.3 P > 0.05	T_{13} = 2.5 P > 0.05	T_{13} = 2.8 P > 0.05
	IIb	WT	**$F_{(1, 40)}$ = 21.3 P < 0.001**	$F_{(2, 40)}$ = 0.34 P > 0.05	$F_{(2, 40)}$ = 0.34 P > 0.05	T_{13} = 2.4 P > 0.05	**T_{13} = 3.3 P < 0.01**	T_{13} = 2.3 P > 0.05			
		KIV	**$F_{(1, 40)}$ = 29.2 P < 0.001**	$F_{(2, 40)}$ = 2.86 P > 0.05	$F_{(2, 41)}$ = 1.1 P > 0.05	**T_{14} = 2.7 P < 0.05**	T_{12} = 2.3 P > 0.05	**T_{14} = 4.4 P < 0.005**			
	IIc	WT	**$F_{(1, 40)}$ = 35.9 P < 0.001**	$F_{(2, 40)}$ = 2.2 P > 0.05	$F_{(2, 40)}$ = 2.2 P > 0.05	T_{13} = 2.1 P > 0.05	**T_{13} = 3.1 P < 0.05**	**T_{14} = 5.1 P < 0.001**			
		KIV	**$F_{(1, 41)}$ = 32.7 P < 0.001**	$F_{(2, 41)}$ = 0.51 P > 0.05	$F_{(2, 41)}$ = 0.12 P > 0.05	**T_{14} = 3.0 P < 0.05**	**T_{13} = 3.3 P < 0.01**	**T_{14} = 3.6 P < 0.01**			
	III	WT	**$F_{(1, 40)}$ = 20.3 P < 0.001**	$F_{(2, 40)}$ = 0.10 P > 0.05	$F_{(2, 40)}$ = 0.10 P > 0.05	T_{13} = 2.2 P > 0.05	**T_{13} = 2.8 P < 0.05**	**T_{14} = 2.8 P < 0.05**			
		KIV	**$F_{(1, 40)}$ = 17.8 P < 0.005**	$F_{(2, 40)}$ = 2.87 P > 0.05	$F_{(2, 40)}$ = 1.41 P > 0.05	T_{14} =1.6 P > 0.05	T_{14} = 1.9 P > 0.05	**T_{14} = 3.9 P < 0.01**			
	IV	WT	**$F_{(1, 40)}$ = 7.71 P < 0.01**	**$F_{(2, 40)}$ = 3.48 P < 0.05**	**$F_{(2, 40)}$ = 3.48 P < 0.05**	**T_{13} = 3.2 P < 0.01**	T_{13} = 1.9 P > 0.05	T_{14} = 0.4 P > 0.05	T_{14} = 0.9 P > 0.05	**T_{14} = 3.6 P < 0.01**	T_{14} = 2.4 P > 0.05
		KIV	**$F_{(1, 40)}$ = 9.23 P < 0.01**	$F_{(2, 40)}$ = 0.11 P > 0.05	$F_{(2, 40)}$ = 0.28 P > 0.05	T_{13} =2.3 P > 0.05	T_{13} = 1.6 P > 0.05	T_{14} = 1.3 P > 0.05			
	V	WT	**$F_{(1, 22)}$ = 6.10 P < 0.05**	$F_{(2, 22)}$ = 0.23 P > 0.05	$F_{(2, 22)}$ = 0.23 P > 0.05	T_{11} = 2.3 P > 0.05	T_{5} = 0.85 P > 0.05	T_{6} = 1.4 P > 0.05			
		KIV	$F_{(1, 21)}$ = 1.03 P > 0.05	$F_{(2, 21)}$ = 1.87 P > 0.05	$F_{(2, 21)}$ = 1.60 P > 0.05						
	VI	WT	**$F_{(1, 41)}$ = 8.53 P < 0.01**	$F_{(2, 41)}$ = 1.36 P > 0.05	$F_{(2, 41)}$ = 1.36 P > 0.05	**T_{14} = 2.9 P < 0.05**	T_{13} = 1.7 P > 0.05	T_{14} = 0.5 P > 0.05			
		KIV	**$F_{(1, 41)}$ = 19.4 P < 0.001**	$F_{(2, 41)}$ = 0.02 P > 0.05	$F_{(2, 41)}$ = 0.45 P > 0.05	T_{14} = 2.2 P > 0.05	**T_{13} = 3.3 P < 0.01**	T_{14} = 2.2 P > 0.05			
	VIIa	WT	**$F_{(1, 41)}$ = 11.3 P < 0.01**	$F_{(2, 41)}$ = 1.36 P > 0.05	$F_{(2, 41)}$ = 1.36 P > 0.05	T_{14} = 1.8 P > 0.05	T_{13} = 1.8 P > 0.05	T_{14} = 2.2 P > 0.05			
		KIV	**$F_{(1, 41)}$ = 23.4 P < 0.001**	$F_{(2, 41)}$ = 0.04 P > 0.05	$F_{(2, 41)}$ = 0.70 P > 0.05	T_{13} = 2.1 P > 0.05	**T_{13} = 3.7 P < 0.01**	**T_{14} = 2.6 P < 0.05**			
	VIII	WT	**$F_{(1, 41)}$ = 22.4 P < 0.001**	$F_{(2, 41)}$ = 1.36 P > 0.05	$F_{(2, 41)}$ = 1.36 P > 0.05	T_{14} = 1.7 P > 0.05	**T_{13} = 3.3 P < 0.01**	**T_{14} = 3.1 P < 0.05**			
		KIV	**$F_{(1, 41)}$ = 21.3 P < 0.001**	$F_{(2, 41)}$ = 0.97 P > 0.05	$F_{(2, 41)}$ = 0.01 P > 0.05	**T_{13} = 2.7 P < 0.05**	**T_{13} = 2.6 P < 0.05**	**T_{14} = 2.7 P < 0.05**			
	IXa	WT	**$F_{(1, 41)}$ = 13.4 P < 0.01**	$F_{(2, 41)}$ = 0.68 P > 0.05	$F_{(2, 41)}$ = 0.68 P > 0.05	T_{14} = 1.4 P > 0.05	**T_{13} = 2.9 P < 0.05**	T_{14} = 2.0 P > 0.05			
		KIV	**$F_{(1, 40)}$ = 12.7 P < 0.005**	$F_{(2, 41)}$ = 0.34 P > 0.05	$F_{(2, 41)}$ = 1.65 P > 0.05	T_{13} = 0.9 P > 0.05	**T_{13} = 3.4 P < 0.01**	T_{14} = 1.9 P > 0.05			
Frontal Cortex	Exon I	WT	**$F_{(1, 42)}$ = 6.45 P < 0.05**	**$F_{(2, 42)}$ = 3.35 P < 0.05**	**$F_{(2, 42)}$ = 3.35 P < 0.05**	T_{14} = 0.5 P > 0.05	T_{14} = 1.7 P > 0.05	**T_{14} = 3.1 P < 0.01**	T_{14} = 2.1 P > 0.05	**T_{14} = 3.6 P < 0.01**	T_{14} = 1.5 P > 0.05
		KIV	**$F_{(1,37)}$ = 7.89 P < 0.01**	**$F_{(2, 37)}$ = 3.52 P < 0.05**	$F_{(2, 37)}$ = 1.02 P > 0.05	**T_{13} = 2.7 P < 0.05**	T_{13} = 0.8 P > 0.05	T_{13} = 1.3 P > 0.05	T_{13} = 2.6 P > 0.05	T_{13} = 2.2 P > 0.05	T_{14} = 0.4 P > 0.05
	IIa	WT	**$F_{(1, 42)}$ = 8.55 P < 0.01**	$F_{(2, 42)}$ = 0.17 P > 0.05	$F_{(2, 42)}$ = 0.17 P > 0.05	T_{14} = 1.3 P > 0.05	T_{14} = 1.7 P > 0.05	T_{14} = 2.1 P > 0.05			
		KIV	$F_{(1, 40)}$ = 3.31 P > 0.05	$F_{(2, 40)}$ = 0.39 P > 0.05	$F_{(2, 40)}$ = 0.39 P > 0.05						
	IIb	WT	$F_{(1, 42)}$ = 2.26 P > 0.05	$F_{(2, 42)}$ = 0.12 P > 0.05	$F_{(2, 42)}$ = 0.12 P > 0.05						
		KIV	**$F_{(1, 41)}$ = 5.53 P < 0.05**	$F_{(2, 41)}$ = 2.80 P > 0.05	$F_{(2, 41)}$ = 2.80 P > 0.05	**T_{13} = 3.2 P < 0.01**	T_{14} = 0.5 P > 0.05	T_{14} = 0.2 P > 0.05	T_{13} = 2.7 P > 0.05	**T_{13} = 3.0 P < 0.05**	T_{14} = 0.3 P > 0.05
	IIc	WT	**$F_{(1, 42)}$ = 9.72 P < 0.05**	$F_{(2, 42)}$ = 0.20 P > 0.05	$F_{(2, 42)}$ = 0.20 P > 0.05	T_{14} = 1.6 P > 0.05	T_{14} = 1.5 P > 0.05	T_{14} = 2.3 P > 0.05			

		KIV	**$F_{(1, 41)} = 21.2$ P < 0.001**	**$F_{(2, 41)} = 5.55$ P < 0.01**	**$F_{(2, 41)} = 5.55$ P < 0.01**	**$T_{13} = 5.2$ P < 0.001**	$T_{14} = 1.8$ P > 0.05	$T_{14} = 0.9$ P > 0.05	**$T_{13} = 3.5$ P < 0.01**	**$T_{13} = 4.4$ P < 0.005**	$T_{14} = 0.9$ P > 0.05
	III	WT	**$F_{(1, 42)} = 5.68$ P < 0.05**	$F_{(2, 42)} = 0.53$ P > 0.05	$F_{(2, 42)} = 0.53$ P > 0.05	$T_{14} = 0.7$ P > 0.05	$T_{14} = 2.2$ P > 0.05	$T_{14} = 1.3$ P > 0.05			
		KIV	**$F_{(1, 41)} = 7.92$ P < 0.01**	$F_{(2, 41)} = 1.60$ P > 0.05	$F_{(2, 41)} = 1.60$ P > 0.05	**$T_{13} = 2.7$ P < 0.05**	$T_{14} = 1.8$ P > 0.05	$T_{14} = 0.3$ P > 0.05			
	IV	WT	$F_{(1, 42)} = 0.48$ P > 0.05	$F_{(2, 42)} = 0.35$ P > 0.05	$F_{(2, 42)} = 0.35$ P > 0.05						
		KIV	**$F_{(1, 41)} = 6.43$ P < 0.05**	**$F_{(2, 41)} = 3.6$ P < 0.05**	**$F_{(2, 41)} = 3.6$ P < 0.05**	**$T_{13} = 2.9$ P < 0.05**	$T_{14} = 2.1$ P > 0.05	$T_{14} = 0.7$ P > 0.05	$T_{13} = 0.9$ P > 0.05	**$T_{13} = 3.6$ P < 0.05**	**$T_{14} = 2.8$ P < 0.05**
	V	WT	**$F_{(1, 42)} = 4.8$ P < 0.05**	$F_{(2, 42)} = 0.37$ P > 0.05	$F_{(2, 42)} = 0.37$ P > 0.05	$T_{14} = 1.1$ P > 0.05	$T_{14} = 0.8$ P > 0.05	$T_{14} = 1.9$ P > 0.05			
		KIV	$F_{(1, 41)} = 2.44$ P > 0.05	$F_{(2, 41)} = 1.90$ P > 0.05	$F_{(2, 41)} = 1.90$ P > 0.05	$T_{13} = 2.4$ P > 0.05	$T_{14} = 0.5$ P > 0.05	$T_{14} = 0.2$ P > 0.05			
	VI	WT	$F_{(1, 42)} = 1.28$ P > 0.05	$F_{(2, 42)} = 0.03$ P > 0.05	$F_{(2, 42)} = 0.03$ P > 0.05						
		KIV	$F_{(1, 41)} = 3.91$ P > 0.05	$F_{(2, 41)} = 2.27$ P > 0.05	$F_{(2, 41)} = 2.27$ P > 0.05	**$T_{13} = 2.7$ P < 0.05**	$T_{14} = 0.9$ P > 0.05	$T_{14} = 0.2$ P > 0.05	$T_{13} = 1.8$ P > 0.05	**$T_{13} = 2.9$ P < 0.05**	$T_{14} = 1.1$ P > 0.05
	VIIa	WT	**$F_{(1, 42)} = 7.07$ P < 0.05**	$F_{(2, 42)} = 0.06$ P > 0.05	$F_{(2, 42)} = 0.06$ P > 0.05	$T_{14} = 1.4$ P > 0.05	$T_{14} = 1.4$ P > 0.05	$T_{14} = 1.8$ P > 0.05			
		KIV	**$F_{(1, 41)} = 9.93$ P < 0.01**	**$F_{(2, 41)} = 3.5$ P < 0.05**	**$F_{(2, 41)} = 3.5$ P < 0.05**	**$T_{13} = 3.8$ P < 0.05**	$T_{14} = 1.4$ P > 0.05	$T_{14} = 0.2$ P > 0.05	$T_{13} = 2.4$ P > 0.05	**$T_{13} = 3.7$ P < 0.01**	$T_{14} = 1.3$ P > 0.05
	VIII	WT	**$F_{(1, 42)} = 7.12$ P < 0.05**	$F_{(2, 42)} = 0.22$ P > 0.05	$F_{(2, 42)} = 0.22$ P > 0.05	$T_{14} = 1.0$ P > 0.05	$T_{14} = 1.8$ P > 0.05	$T_{14} = 1.8$ P > 0.05			
		KIV	**$F_{(1, 41)} = 5.24$ P < 0.05**	$F_{(2, 41)} = 0.47$ P > 0.05	$F_{(2, 41)} = 0.47$ P > 0.05	$T_{13} = 2.0$ P > 0.05	$T_{14} = 1.2$ P > 0.05	$T_{14} = 0.7$ P > 0.05			
	IXa	WT	**$F_{(1, 42)} = 6.53$ P < 0.05**	$F_{(2, 42)} = 0.10$ P > 0.05	$F_{(2, 42)} = 0.10$ P > 0.05	$T_{14} = 1.3$ P > 0.05	$T_{14} = 1.3$ P > 0.05	$T_{14} = 1.8$ P > 0.05			
		KIV	$F_{(1, 40} = 1.77$ P > 0.05	$F_{(2, 40)} = 1.7$ P > 0.05	$F_{(2, 41)} = 2.75$ P > 0.05	**$T_{12} = 2.5$ P < 0.05**	$T_{14} = 1.2$ P > 0.05	$T_{14} = 0.7$ P > 0.05	$T_{12} = 1.9$ P > 0.05	**$T_{12} = 2.9$ P < 0.05**	$T_{14} = 1.0$ P > 0.05

b. Genotype x age effects on EET effects

Two-way ANOVA		**Genotype Effects**	**Age Effects**	**Genotype X Age Interactions**	***Post hoc* Bonferroni multiple comparisons**								
					Genotype Effects (WT vs. KIV)			**Age Effects (ED, YA, OA)**					
								WT			**KIV**		
					ED	**YA**	**OA**	**ED vs YA**	**ED vs OA**	**YA vs OA**	**ED vs YA**	**ED vs OA**	**YA vs OA**
Hippocampus	I	**$F_{(1, 40)} = 10.1$ P < 0.01**	**$F_{(2, 40)} = 9.22$ P < 0.005**	**$F_{(2, 40)} = 3.5$ P < 0.05**	$T_{13} = 0.04$ P > 0.05	$T_{13} = 1.7$ P > 0.05	**$T_{14} = 3.8$ P < 0.01**	$T_{14} = 1.4$ P > 0.05	**$T_{14} = 4.5$ P < 0.005**	**$T_{14} = 3.7$ P < 0.01**	$T_{12} = 0.85$ P > 0.05	$T_{13} = 0.71$ P > 0.05	$T_{13} = 1.6$ P > 0.05
	IIa	$F_{(1, 41)} = 2.26$ P > 0.05	**$F_{(2, 41)} = 3.93$ P < 0.05**	$F_{(2, 41)} = 0.39$ P > 0.05	$T_{14} = 1.1$ P > 0.05	$T_{14} = 1.4$ P > 0.05	$T_{13} = 0.2$ P > 0.05	$T_{14} = 0.01$ P > 0.05	$T_{14} = 1.1$ P > 0.05	$T_{14} = 1.1$ P > 0.05	$T_{14} = 0.2$ P > 0.05	$T_{13} = 2.1$ P > 0.05	$T_{14} = 2.3$ P > 0.05
	IIb	$F_{(1, 41)} = 0.26$ P > 0.05	$F_{(2, 41)} = 0.80$ P > 0.05	$F_{(2, 41)} = 3.01$ P > 0.05									
	IIc	$F_{(1, 41)} = 0.01$ P > 0.05	$F_{(2, 41)} = 2.05$ P > 0.05	$F_{(2, 41)} = 0.64$ P > 0.05									
	III	$F_{(1, 41)} = 0.05$ P > 0.05	$F_{(2, 41)} = 2.03$ P > 0.05	$F_{(2, 41)} = 1.62$ P > 0.05									
	IV	$F_{(1, 41)} = 3.07$ P > 0.05	**$F_{(2, 41)} = 6.58$ P < 0.01**	**$F_{(2, 41)} = 5.21$ P < 0.01**	**$T_{13} = 2.8$ P < 0.05**	$T_{14} = 1.7$ P > 0.05	$T_{14} = 1.6$ P > 0.05	$T_{13} = 1.7$ P > 0.05	**$T_{13} = 4.7$ P < 0.005**	**$T_{14} = 3.1$ P < 0.05**	$T_{14} = 0.5$ P > 0.05	$T_{14} = 0.4$ P > 0.05	$T_{14} = 0.1$ P > 0.05
	V	$F_{(1, 23)} = 1.94$ P > 0.05	$F_{(2, 23)} = 2.09$ P > 0.05	$F_{(2, 23)} = 1.23$ P > 0.05									
	VI	$F_{(1, 42)} = 0.40$ P > 0.05	$F_{(2, 42)} = 1.07$ P > 0.05	$F_{(2, 42)} = 1.14$ P > 0.05									
	VIIa	$F_{(1, 41)} = 0.11$ P > 0.05	$F_{(2, 41)} = 0.14$ P > 0.05	$F_{(2, 41)} = 0.16$ P > 0.05									
	VIII	$F_{(1, 41)} = 0.01$ P > 0.05	$F_{(2, 41)} = 0.20$ P > 0.05	$F_{(2, 41)} = 1.14$ P > 0.05									
	IXa	$F_{(1, 41)} = 0.18$ P > 0.05	$F_{(2, 41)} = 2.20$ P > 0.05	$F_{(2, 41)} = 0.02$ P > 0.05									

Frontal Cortex	Exon I	$F_{(1, 40)} = 0.01$ $P > 0.05$	$F_{(2, 40)} = 0.57$ $P > 0.05$	**$F_{(2, 40)} = 6.47$ $P < 0.01$**	**$T_{12} = 2.8$ $P < 0.05$**	$T_{14} = 1.2$ $P > 0.05$	$T_{14} = 1.8$ $P > 0.05$	$T_{14} = 1.6$ $P > 0.05$	$T_{14} = 2.7$ $P > 0.05$	$T_{14} = 1.1$ $P > 0.05$	$T_{12} = 2.4$ $P > 0.05$	$T_{12} = 2.1$ $P > 0.05$	$T_{14} = 0.4$ $P > 0.05$
	IIa	$F_{(1, 40)} = 1.92$ $P > 0.05$	$F_{(2, 40)} = 0.13$ $P > 0.05$	$F_{(2, 40)} = 0.77$ $P > 0.05$									
	IIb	$F_{(1, 41)} = 0.06$ $P > 0.05$	$F_{(2, 41)} = 1.92$ $P > 0.05$	$F_{(2, 41)} = 1.58$ $P > 0.05$									
	IIc	$F_{(1, 41)} = 1.05$ $P > 0.05$	**$F_{(2, 41)} = 3.73$ $P < 0.05$**	**$F_{(2, 41)} = 5.57$ $P < 0.01$**	**$T_{13} = 3.1$ $P < 0.05$**	$T_{14} = 0.1$ $P > 0.05$	$T_{14} = 1.5$ $P > 0.05$	$T_{14} = 1.7$ $P > 0.05$	$T_{14} = 0.7$ $P > 0.05$	$T_{14} = 0.8$ $P > 0.05$	**$T_{13} = 3.2$ $P < 0.05$**	**$T_{13} = 3.9$ $P < 0.01$**	$T_{14} = 0.8$ $P > 0.05$
	III	$F_{(1, 41)} = 0.05$ $P > 0.05$	$F_{(2, 41)} = 1.18$ $P > 0.05$	$F_{(2, 41)} = 1.83$ $P > 0.05$									
	IV	$F_{(1, 41)} = 0.85$ $P > 0.05$	$F_{(2, 41)} = 1.10$ $P > 0.05$	$F_{(2, 41)} = 2.49$ $P > 0.05$									
	V	$F_{(1, 41)} = 0.61$ $P > 0.05$	$F_{(2, 41)} = 1.04$ $P > 0.05$	$F_{(2, 41)} = 2.32$ $P > 0.05$									
	VI	$F_{(1, 41)} = 0.35$ $P > 0.05$	$F_{(2, 41)} = 1.55$ $P > 0.05$	$F_{(2, 41)} = 1.56$ $P > 0.05$									
	VIIa	$F_{(1, 41)} = 0.15$ $P > 0.05$	$F_{(2, 41)} = 2.08$ $P > 0.05$	**$F_{(2, 41)} = 3.29$ $P < 0.05$**	$T_{13} = 2.1$ $P > 0.05$	$T_{14} = 0.03$ $P > 0.05$	$T_{14} = 1.5$ $P > 0.05$	$T_{14} = 0.06$ $P > 0.05$	$T_{14} = 0.4$ $P > 0.05$	$T_{14} = 0.4$ $P > 0.05$	$T_{13} = 2.1$ $P > 0.01$	**$T_{13} = 3.2$ $P < 0.05$**	$T_{14} = 1.1$ $P > 0.05$
	VIII	$F_{(1, 41)} = 0.78$ $P > 0.05$	$F_{(2, 41)} = 0.02$ $P > 0.05$	$F_{(2, 41)} = 0.91$ $P > 0.05$									
	IXa	$F_{(1, 41)} = 2.22$ $P > 0.05$	$F_{(2, 41)} = 1.18$ $P > 0.05$	$F_{(2, 41)} = 2.36$ $P > 0.05$									

6. Figure 4 Exon-specific BDNF transcription with EET-SCT (T2)

a. EET x age effects

Two-way ANOVA			**EET-SCT Effects**	**Age Effects**	**EET-SCT X Age Interactions**	***Post hoc* Bonferroni multiple comparisons**					
						EET-SCT Effects (EET-SCT vs. SCT-SCT)			**Age Effects (ED, YA, OA)**		
						ED	**YA**	**OA**	**EET**		
									ED vs YA	**ED vs OA**	**YA vs OA**
Hippocampus	I	WT	$F_{(1, 41)} = 0.01$ $P > 0.05$	$F_{(2, 41)} = 2.89$ $P > 0.05$	$F_{(2, 41)} = 2.89$ $P > 0.05$						
		KIV	$F_{(1, 36)} = 0.62$ $P < 0.05$	$F_{(2, 36)} = 2.84$ $P > 0.05$	**$F_{(2, 39)} = 4.01$ $P < 0.05$**	$T_{12} = 1.2$ $P > 0.05$	$T_{12} = 1.0$ $P > 0.05$	$T_{12} = 2.0$ $P > 0.05$	**$T_{12} = 3.6$ $P < 0.05$**	$T_{14} = 1.1$ $P > 0.05$	$T_{12} = 2.5$ $P > 0.05$
	IIa	WT	$F_{(1, 41)} = 1.23$ $P > 0.05$	$F_{(2, 41)} = 0.17$ $P > 0.05$	$F_{(2, 41)} = 0.17$ $P > 0.05$						
		KIV	$F_{(1, 39)} = 0.01$ $P > 0.05$	$F_{(2, 39)} = 0.57$ $P > 0.05$	$F_{(2, 39)} = 1.09$ $P > 0.05$						
	IIb	WT	$F_{(1, 41)} = 0.14$ $P > 0.05$	$F_{(2, 41)} = 0.01$ $P > 0.05$	$F_{(2, 41)} = 0.01$ $P > 0.05$						
		KIV	$F_{(1, 37)} = 0.02$ $P > 0.05$	$F_{(2, 37)} = 0.93$ $P > 0.05$	$F_{(2, 37)} = 2.26$ $P > 0.05$						
	IIc	WT	$F_{(1, 41)} = 0.06$ $P > 0.05$	$F_{(2, 41)} = 0.09$ $P > 0.05$	$F_{(2, 41)} = 0.09$ $P > 0.05$						
		KIV	$F_{(1, 38)} = 0.27$ $P > 0.05$	**$F_{(2, 37)} = 3.59$ $P < 0.05$**	**$F_{(2, 38)} = 5.36$ $P < 0.01$**	**$T_{12} = 2.9$ $P < 0.05$**	$T_{13} = 1.2$ $P > 0.05$	$T_{13} = 0.9$ $P > 0.05$	**$T_{12} = 3.7$ $P < 0.01$**	**$T_{13} = 3.7$ $P < 0.01$**	$T_{13} = 0.2$ $P > 0.05$
	III	WT	$F_{(1, 41)} = 0.29$ $P > 0.05$	$F_{(2, 41)} = 0.27$ $P > 0.05$	$F_{(2, 41)} = 0.27$ $P > 0.05$						
		KIV	$F_{(1, 39)} = 0.01$ $P > 0.05$	$F_{(2, 39)} = 1.14$ $P > 0.05$	$F_{(2, 39)} = 2.12$ $P > 0.05$						
	IV	WT	$F_{(1, 41)} = 0.34$ $P > 0.05$	$F_{(2, 41)} = 0.28$ $P > 0.05$	$F_{(2, 41)} = 0.28$ $P > 0.05$						
		KIV	$F_{(1, 40)} = 0.14$ $P > 0.05$	$F_{(2, 40)} = 0.38$ $P > 0.05$	$F_{(2, 40)} = 0.38$ $P > 0.05$						
	V	WT	$F_{(1, 18)} = 0.01$ $P > 0.05$	$F_{(2, 18)} = 0.58$ $P > 0.05$	$F_{(2, 18)} = 0.58$ $P > 0.05$						
		KIV	$F_{(1, 18)} = 0.11$ $P > 0.05$	**$F_{(2, 18)} = 3.71$ $P < 0.05$**	$F_{(2, 18)} = 2.2$ $P > 0.05$	$T_6 = 1.9$ $P > 0.05$	$T_6 = 0.6$ $P > 0.05$	$T_6 = 0.8$ $P > 0.05$	$T_6 = 0.7$ $P > 0.05$	$T_6 = 2.7$ $P > 0.05$	$T_6 = 2.0$ $P > 0.05$
	VI	WT	$F_{(1, 41)} = 1.40$ $P > 0.05$	$F_{(2, 41)} = 0.47$ $P > 0.05$	$F_{(2, 41)} = 0.47$ $P > 0.05$						
		KIV	$F_{(1, 39)} = 1.63$ $P > 0.05$	$F_{(2, 39)} = 1.29$ $P > 0.05$	$F_{(2, 39)} = 1.29$ $P > 0.05$						
	VIIa	WT	$F_{(1, 41)} = 0.44$ $P > 0.05$	$F_{(2, 41)} = 0.27$ $P > 0.05$	$F_{(2, 41)} = 0.27$ $P > 0.05$						
		KIV	$F_{(1, 40)} = 0.01$ $P > 0.05$	**$F_{(2, 40)} = 7.22$ $P < 0.01$**	**$F_{(2, 40)} = 7.22$ $P < 0.01$**	**$T_{13} = 2.9$ $P < 0.05$**	$T_{13} = 2.0$ $P > 0.05$	$T_{14} = 1.5$ $P > 0.05$	**$T_{12} = 4.8$ $P < 0.005$**	**$T_{13} = 4.3$ $P < 0.005$**	$T_{13} = 0.6$ $P > 0.05$
	VIII	WT	$F_{(1, 41)} = 0.12$ $P > 0.05$	$F_{(2, 41)} = 0.22$ $P > 0.05$	$F_{(2, 41)} = 0.22$ $P > 0.05$						
		KIV	$F_{(1, 40)} = 1.89$ $P > 0.05$	**$F_{(2, 40)} = 5.62$ $P < 0.01$**	**$F_{(2, 40)} = 5.6$ $P < 0.01$**	**$T_{13} = 3.5$ $P < 0.01$**	$T_{13} = 0.2$ $P > 0.05$	$T_{14} = 1.0$ $P > 0.05$	**$T_{12} = 3.5$ $P < 0.01$**	**$T_{13} = 4.4$ $P < 0.005$**	$T_{13} = 0.7$ $P > 0.05$
	IXa	WT	$F_{(1, 41)} = 0.21$ $P > 0.05$	$F_{(2, 41)} = 0.76$ $P > 0.05$	$F_{(2, 41)} = 0.76$ $P > 0.05$						
		KIV	$F_{(1, 39)} = 1.77$ $P > 0.05$	$F_{(2, 39)} = 2.38$ $P > 0.05$	**$F_{(2, 39)} = 3.69$ $P < 0.05$**	**$T_{12} = 2.7$ $P < 0.05$**	$T_{13} = 1.2$ $P > 0.05$	$T_{14} = 0.8$ $P > 0.05$	**$T_{12} = 3.4$ $P < 0.01$**	$T_{13} = 1.6$ $P > 0.05$	$T_{13} = 1.9$ $P > 0.05$
Frontal Cortex	I	WT	$F_{(1, 40)} = 1.09$ $P > 0.05$	$F_{(2, 40)} = 0.80$ $P > 0.05$	$F_{(2, 42)} = 0.80$ $P > 0.05$						
		KIV	**$F_{(1, 41)} = 4.75$ $P < 0.05$**	**$F_{(2, 41)} = 11.5$ $P < 0.005$**	**$F_{(2, 41)} = 11.5$ $P < 0.005$**	**$T_{14} = 4.7$ $P < 0.001$**	$T_{13} = 2.2$ $P > 0.05$	$T_{14} = 1.4$ $P > 0.05$	**$T_{13} = 6.7$ $P < 0.001$**	**$T_{14} = 3.3$ $P < 0.05$**	**$T_{13} = 3.5$ $P < 0.01$**
	IIa	WT	$F_{(1, 42)} = 0.10$ $P > 0.05$	$F_{(2, 42)} = 0.21$ $P > 0.05$	$F_{(2, 42)} = 0.21$ $P > 0.05$						
		KIV	$F_{(1, 40)} = 1.62$ $P < 0.05$	$F_{(2, 40)} = 1.32$ $P > 0.05$	$F_{(2, 40)} = 2.18$ $P > 0.05$						
	IIb	WT	$F_{(1, 42)} = 0.08$ $P > 0.05$	$F_{(2, 42)} = 0.12$ $P > 0.05$	$F_{(2, 42)} = 0.12$ $P > 0.05$						
		KIV	$F_{(1, 40)} = 1.16$ $P > 0.05$	**$F_{(2, 40)} = 3.77$ $P < 0.05$**	**$F_{(2, 40)} = 5.98$ $P < 0.01$**	**$T_{12} = 3.3$ $P < 0.01$**	$T_{14} = 1.2$ $P > 0.05$	$T_{14} = 0.4$ $P > 0.05$	**$T_{13} = 4.2$ $P < 0.005$**	**$T_{13} = 3.3$ $P < 0.05$**	$T_{14} = 0.9$ $P < 0.01$
	IIc	WT	$F_{(1, 42)} = 0.37$ $P > 0.05$	$F_{(2, 42)} = 0.22$ $P > 0.05$	$F_{(2, 42)} = 0.22$ $P > 0.05$						
		KIV	**$F_{(1, 41)} = 6.49$**	**$F_{(2, 41)} = 3.41$**	**$F_{(2, 41)} = 3.41$**	$T_{13} = 2.3$	$T_{14} = 0.6$	**$T_{14} = 2.7$**	**$T_{13} = 2.9$**	$T_{13} = 0.3$	**$T_{14} = 3.4$**

			P < 0.05	**P < 0.05**	**P < 0.05**	P > 0.05	P > 0.05	**P < 0.05**	**P < 0.05**	P > 0.05	**P < 0.05**
	III	WT	$F_{(1, 42)} = 0.01$ P > 0.05	$F_{(2, 42)} = 0.10$ P > 0.05	$F_{(2, 42)} = 0.10$ P > 0.05						
		KIV	$F_{(1, 40)} = 2.86$ P < 0.05	**$F_{(2, 40)} = 3.78$ P < 0.05**	**$F_{(2, 40)} = 4.46$ P < 0.05**	T_{12} =2.0 P > 0.05	T_{14} = 1.5 P > 0.05	T_{14} = 2.3 P > 0.05	**T_{13} = 3.1 P < 0.05**	T_{13} = 0.5 P > 0.05	**T_{14} = 3.8 P < 0.01**
	IV	WT	$F_{(1, 42)} = 0.39$ P > 0.05	$F_{(2, 42)} = 0.12$ P > 0.05	$F_{(2, 42)} = 0.12$ P > 0.05						
		KIV	$F_{(1, 41)} = 0.58$ P < 0.05	**$F_{(2, 41)} = 3.68$ P < 0.05**	**$F_{(2, 41)} = 3.68$ P < 0.05**	**T_{13} =2.6 P < 0.05**	T_{14} = 0.7 P > 0.05	T_{14} = 0.6 P > 0.05	**T_{13} = 3.3 P < 0.05**	**T_{13} = 3.2 P < 0.05**	T_{14} = 0.1 P > 0.05
	V	WT	$F_{(1, 42)} = 0.64$ P > 0.05	$F_{(2, 42)} = 0.21$ P > 0.05	$F_{(2, 42)} = 0.21$ P > 0.05						
		KIV	**$F_{(1, 38)} = 5.59$ P < 0.01**	$F_{(2, 38)} = 2.49$ P > 0.05	$F_{(2, 39)} = 3.01$ P > 0.05	T_{12} =2.2 P > 0.05	T_{13} = 0.6 P > 0.05	T_{13} = 2.5 P > 0.05			
	VI	WT	$F_{(1, 42)} = 1.13$ P > 0.05	$F_{(2, 42)} = 0.06$ P > 0.05	$F_{(2, 42)} = 0.06$ P > 0.05						
		KIV	$F_{(1, 40)} = 2.09$ P > 0.05	$F_{(2, 40)} = 2.41$ P > 0.05	**$F_{(2, 40)} = 4.47$ P < 0.05**	**T_{12} =3.1 P < 0.05**	T_{14} = 1.0 P > 0.05	T_{14} = 0.3 P > 0.05	**T_{13} = 3.6 P < 0.01**	T_{13} = 2.3 P > 0.05	T_{14} = 1.4 P > 0.05
	VIIa	WT	$F_{(1, 42)} = 0.17$ P > 0.05	$F_{(2, 42)} = 0.10$ P > 0.05	$F_{(2, 42)} = 0.10$ P > 0.05						
		KIV	**$F_{(1, 40)} = 6.18$ P < 0.05**	**$F_{(2, 40)} = 4.51$ P < 0.05**	**$F_{(2, 40)} = 5.73$ P < 0.01**	**T_{12} =2.8 P < 0.05**	T_{14} = 1.5 P > 0.05	**T_{14} = 2.7 P < 0.05**	**T_{13} = 3.6 P < 0.01**	T_{13} = 0.3 P > 0.05	**T_{14} = 4.1 P < 0.01**
	VIII	WT	$F_{(1, 42)} = 0.73$ P > 0.05	$F_{(2, 42)} = 0.10$ P > 0.05	$F_{(2, 42)} = 0.10$ P > 0.05						
		KIV	$F_{(1, 40)} = 1.45$ P < 0.05	$F_{(2, 40)} = 2.19$ P > 0.05	**$F_{(2, 40)} = 3.75$ P < 0.05**	**T_{12} =2.6 P < 0.05**	T_{14} = 1.2 P > 0.05	T_{14} = 0.5 P > 0.05	**T_{13} = 3.4 P < 0.01**	T_{13} = 1.8 P > 0.05	T_{14} = 1.7 P > 0.05
	IXa	WT	$F_{(1, 42)} = 1.34$ P > 0.05	$F_{(2, 42)} = 0.16$ P > 0.05	$F_{(2, 42)} = 0.16$ P > 0.05						
		KIV	$F_{(1, 40)} = 2.86$ P < 0.05	**$F_{(2, 40)} = 3.78$ P < 0.05**	**$F_{(2, 40)} = 4.46$ P < 0.05**	T_{12} =2.0 P > 0.05	T_{14} = 1.5 P > 0.05	T_{14} = 2.3 P > 0.05	**T_{13} = 3.1 P < 0.05**	T_{13} = 0.5 P > 0.05	**T_{14} = 3.8 P < 0.01**

b. Genotype x age effects on EET effects

Two-way ANOVA		**Genotype Effects**	**Age Effects**	**Genotype X Age Interactions**	***Post hoc* Bonferroni multiple comparisons**								
					Genotype Effects (WT vs. KIV)			**Age Effects (ED, YA, OA)**					
								WT			**KIV**		
					ED	**YA**	**OA**	**ED vs YA**	**ED vs OA**	**YA vs OA**	**ED vs YA**	**ED vs OA**	**YA vs OA**
Hippocampus	I	$F_{(1, 40)} = 0.42$ P > 0.05	**$F_{(2, 40)} = 8.66$ P < 0.005**	$F_{(2, 40)} = 3.02$ P > 0.05				T_{14} = 1.9 P > 0.05	T_{14} = 2.5 P > 0.05	T_{14} = 0.7 P > 0.05	**T_{12} = 3.8 P < 0.01**	T_{14} = 1.2 P > 0.05	T_{12} = 2.7 P > 0.05
	IIa	$F_{(1, 40)} = 0.81$ P > 0.05	$F_{(2, 40)} = 1.57$ P > 0.05	$F_{(2, 40)} = 0.23$ P > 0.05									
	IIb	$F_{(1, 40)} = 0.01$ P > 0.05	$F_{(2, 40)} = 2.30$ P > 0.05	$F_{(2, 40)} = 1.85$ P > 0.05									
	IIc	$F_{(1, 40)} = 0.28$ P > 0.05	**$F_{(2, 40)} = 3.62$ P < 0.05**	**$F_{(2, 40)} = 5.74$ P < 0.01**	**T_{13} = 3.1 P < 0.05**	T_{14} = 1.2 P > 0.05	T_{14} = 1.0 P > 0.05	T_{14} = 0.4 P > 0.05	T_{14} = 0.5 P > 0.05	T_{14} = 0.1 P > 0.05	**T_{12} = 3.7 P < 0.01**	**T_{13} = 3.5 P < 0.01**	T_{13} = 0.2 P > 0.05
	III	$F_{(1, 40)} = 0.11$ P > 0.05	$F_{(2, 40)} = 1.12$ P > 0.05	**$F_{(2, 40)} = 4.58$ P < 0.05**	T_{14} = 2.4 P > 0.05	T_{14} = 1.9 P > 0.05	T_{14} = 0.0 P > 0.05	T_{14} = 1.1 P > 0.05	T_{14} = 0.8 P > 0.05	T_{14} = 0.3 P > 0.05	**T_{12} = 3.1 P < 0.05**	T_{13} = 1.7 P > 0.05	T_{14} = 1.5 P > 0.05
	IV	$F_{(1, 40)} = 0.18$ P > 0.05	$F_{(1, 40)} = 0.11$ P > 0.05	$F_{(2, 40)} = 0.97$ P > 0.05									
	V	$F_{(1, 18)} = 2.62$ P > 0.05	**$F_{(2, 18)} = 4.62$ P < 0.05**	$F_{(2, 18)} = 1.54$ P > 0.05				T_6 = 0.5 P > 0.05	T_6 = 0.7 P > 0.05	T_6 = 1.2 P > 0.05	T_6 = 0.8 P > 0.05	**T_6 = 3.1 P < 0.05**	T_6 = 2.4 P > 0.05
	VI	$F_{(1, 40)} = 0.01$ P > 0.05	$F_{(1, 40)} = 0.27$ P > 0.05	$F_{(2, 40)} = 2.37$ P > 0.05									
	VIIa	$F_{(1, 40)} = 0.14$ P > 0.05	**$F_{(2, 40)} = 6.37$ P < 0.01**	**$F_{(2, 40)} = 9.95$ P < 0.005**	**T_{14} = 3.7 P < 0.01**	T_{14} = 2.3 P > 0.05	T_{14} = 0.8 P > 0.05	T_{14} = 1.0 P > 0.05	T_{14} = 0.0 P > 0.05	T_{14} = 1.0 P > 0.05	**T_{12} = 5.0 P < 0.005**	**T_{13} = 4.5 P < 0.005**	T_{13} = 0.6 P > 0.05
	VIII	$F_{(1, 40)} = 1.16$ P > 0.05	**$F_{(2, 40)} = 6.15$ P < 0.01**	**$F_{(2, 40)} = 4.99$ P < 0.05**	**T_{14} = 3.2**	T_{14} = 0.7	T_{14} = 0.7	T_{14} = 0.3	T_{14} = 0.5	T_{14} = 0.8	**T_{12} = 3.5**	**T_{13} = 4.3**	T_{13} = 0.7

					$P < 0.01$	$P > 0.05$	$P > 0.05$	$P > 0.05$	$P > 0.05$	$P > 0.05$	**$P < 0.01$**	**$P < 0.005$**	$P > 0.05$
	IXa	$F_{(1, 40)} = 0.48$ $P > 0.05$	$F_{(1, 40)} = 1.33$ $P > 0.05$	**$F_{(2, 40)} = 0.60$ $P < 0.01$**	$T_{14} = 2.5$ $P > 0.05$	$T_{14} = 2.3$ $P > 0.05$	$T_{14} = 1.0$ $P > 0.05$	$T_{14} = 1.4$ $P > 0.05$	$T_{14} = 0.1$ $P > 0.05$	$T_{14} = 1.4$ $P > 0.05$	**$T_{12} = 3.4$ $P < 0.01$**	$T_{13} = 1.6$ $P > 0.05$	$T_{13} = 1.9$ $P > 0.05$
Frontal Cortex	I	$F_{(1, 41)} = 0.74$ $P > 0.05$	**$F_{(2, 41)} = 12.3$ $P < 0.001$**	**$F_{(2, 41)} = 4.66$ $P < 0.05$**	**$T_{14} = 2.9$ $P < 0.05$**	$T_{13} = 1.4$ $P > 0.05$	$T_{14} = 0.1$ $P > 0.05$	$T_{14} = 1.4$ $P > 0.05$	$T_{14} = 2.2$ $P > 0.05$	$T_{14} = 1.4$ $P > 0.05$	**$T_{13} = 5.5$ $P < 0.001$**	$T_{14} = 2.7$ $P > 0.05$	**$T_{13} = 2.9$ $P < 0.05$**
	IIa	$F_{(1, 41)} = 1.76$ $P > 0.05$	$F_{(2, 41)} = 2.01$ $P > 0.05$	$F_{(2, 41)} = 1.90$ $P > 0.05$									
	IIb	$F_{(1, 41)} = 0.27$ $P > 0.05$	**$F_{(2, 41)} = 7.61$ $P < 0.01$**	**$F_{(2, 41)} = 3.78$ $P < 0.05$**	$T_{13} = 2.5$ $P > 0.05$	$T_{14} = 1.2$ $P > 0.05$	$T_{14} = 0.4$ $P > 0.05$	$T_{14} = 0.8$ $P > 0.05$	$T_{14} = 0.6$ $P > 0.05$	$T_{14} = 0.2$ $P > 0.05$	**$T_{13} = 4.4$ $P < 0.005$**	**$T_{13} = 3.5$ $P < 0.01$**	$T_{14} = 1.0$ $P > 0.05$
	IIc	**$F_{(1, 41)} = 9.88$ $P < 0.01$**	**$F_{(2, 41)} = 4.65$ $P < 0.05$**	$F_{(2, 41)} = 2.8$ $P > 0.05$	**$T_{13} = 2.9$ $P < 0.05$**	$T_{14} = 0.1$ $P > 0.05$	**$T_{14} = 2.6$ $P < 0.05$**	$T_{14} = 0.0$ $P > 0.05$	$T_{14} = 0.8$ $P > 0.05$	$T_{14} = 0.7$ $P > 0.05$	**$T_{13} = 3.0$ $P < 0.05$**	$T_{13} = 0.3$ $P > 0.05$	**$T_{14} = 3.4$ $P < 0.01$**
	III	$F_{(1, 41)} = 0.05$ $P > 0.05$	$F_{(2, 41)} = 1.51$ $P > 0.05$	$F_{(2, 41)} = 2.37$ $P > 0.05$									
	IV	$F_{(1, 41)} = 0.00$ $P > 0.05$	$F_{(2, 41)} = 1.50$ $P > 0.05$	**$F_{(2, 41)} = 3.72$ $P < 0.05$**	$T_{13} = 2.2$ $P > 0.05$	$T_{14} = 1.1$ $P > 0.05$	$T_{14} = 1.2$ $P > 0.05$	$T_{14} = 0.6$ $P > 0.05$	$T_{14} = 0.6$ $P > 0.05$	$T_{14} = 0.1$ $P > 0.05$	$T_{13} = 2.7$ $P > 0.05$	$T_{13} = 2.7$ $P > 0.05$	$T_{14} = 0.1$ $P > 0.05$
	V	$F_{(1, 39)} = 1.69$ $P > 0.05$	$F_{(2, 39)} = 2.39$ $P > 0.05$	$F_{(2, 39)} = 2.72$ $P > 0.05$									
	VI	$F_{(1, 41)} = 0.00$ $P > 0.05$	$F_{(2, 41)} = 2.83$ $P > 0.05$	**$F_{(2, 41)} = 3.97$ $P < 0.05$**	$T_{13} = 2.2$ $P > 0.05$	$T_{14} = 1.6$ $P > 0.05$	$T_{14} = 1.2$ $P > 0.05$	$T_{14} = 0.2$ $P > 0.05$	$T_{14} = 0.6$ $P > 0.05$	$T_{14} = 0.2$ $P > 0.05$	**$T_{13} = 3.6$ $P < 0.01$**	$T_{13} = 2.3$ $P > 0.05$	$T_{14} = 1.3$ $P > 0.05$
	VIIa	$F_{(1, 41)} = 2.93$ $P > 0.05$	**$F_{(2, 41)} = 4.52$ $P < 0.05$**	**$F_{(2, 41)} = 4.96$ $P < 0.05$**	$T_{13} = 2.3$ $P > 0.05$	$T_{14} = 1.6$ $P > 0.05$	$T_{14} = 2.2$ $P > 0.05$	$T_{14} = 0.4$ $P > 0.05$	$T_{14} = 0.6$ $P > 0.05$	$T_{14} = 0.2$ $P > 0.05$	**$T_{13} = 3.5$ $P < 0.01$**	$T_{13} = 1.7$ $P > 0.05$	**$T_{14} = 3.9$ $P < 0.01$**
	VIII	$F_{(1, 41)} = 0.00$ $P > 0.05$	$F_{(2, 41)} = 1.95$ $P > 0.05$	**$F_{(2, 41)} = 3.74$ $P < 0.05$**	$T_{13} = 2.0$ $P > 0.05$	$T_{14} = 1.8$ $P > 0.05$	$T_{14} = 0.3$ $P > 0.05$	$T_{14} = 0.6$ $P > 0.05$	$T_{14} = 0.6$ $P > 0.05$	$T_{14} = 0.1$ $P > 0.05$	**$T_{13} = 3.3$ $P < 0.01$**	$T_{13} = 1.7$ $P > 0.05$	$T_{14} = 1.6$ $P > 0.05$
	IXa	$F_{(1, 41)} = 0.07$ $P > 0.05$	$F_{(2, 41)} = 2.87$ $P > 0.05$	**$F_{(2, 41)} = 4.25$ $P < 0.05$**	$T_{13} = 1.3$ $P > 0.05$	$T_{14} = 2.2$ $P > 0.05$	$T_{14} = 1.3$ $P > 0.05$	$T_{14} = 0.7$ $P > 0.05$	$T_{14} = 0.6$ $P > 0.05$	$T_{14} = 0.1$ $P > 0.05$	**$T_{13} = 2.8$ $P < 0.05$**	$T_{13} = 0.5$ $P > 0.05$	**$T_{14} = 3.5$ $P < 0.01$**