

INTER-SPECIES ANALYSIS (Figure 3A)			
Subfamily	Kruskal-Wallis test	TUKEY TEST	
Bari1	p=0,203227355	NA	
Bari2	p=0,129527813	NA	
Bari3	p=0,330090937	NA	

INTRA-SPECIES ANALYSIS (Figure 3B, 3C, 3D; supplemental figure 1)			
Species	Kruskal-Wallis test	TUKEY TEST	
D. ananassae	p=0,00789941	LEFT vs CDS	* p<0.05
		LEFT vs RIGHT	** p<0.01
		CDS vs RIGHT	Not significant
D. miranda	p=0,000598	LEFT vs CDS	* p<0.05
		LEFT vs RIGHT	** p<0.01
		CDS vs RIGHT	Not significant
D. pseudoobscura	p=0,012510843	LEFT vs CDS	* p<0.05
		LEFT vs RIGHT	Not significant
		CDS vs RIGHT	Not significant
D. simulans	p=2,0873E-05	LEFT vs CDS	** p<0.01
		LEFT vs RIGHT	** p<0.01
		CDS vs RIGHT	* p<0.05
D. willistoni	p=0,000572994	LEFT vs CDS	** p<0.01
		LEFT vs RIGHT	Not significant
		CDS vs RIGHT	** p<0.01
D. erecta	p=3,44437E-22	LEFT vs CDS	Not significant
		LEFT vs RIGHT	** p<0.01
		CDS vs RIGHT	** p<0.01

D. persimilis	p=0,02361038		NA	
D. melanogaster	p=0,74237073		NA	
D. mojavensis	p=0,055702142		NA	