

S1 Table

Overview of collected saliva volume (mean \pm SD over three samples) and measured variables, for each dog at both test stages.

Breed	T1 (puppy)				T2 (young adult)			
	Volume (μ L)	CgA	Cortisol	sIgA	Volume (μ L)	CgA	Cortisol	sIgA
BSD	181 \pm 252	Δ 10	Δ 40					
BSD	-							
X BSD / BMD	55 \pm 52	Δ 10 Δ 40						
GSD	169 \pm 156	Δ 10 Δ 40	Δ 10 Δ 40					
Dogo Argentino	68 \pm 8	Δ 10 Δ 40	Δ 10 Δ 40	Δ 10				
Great Dane	-	Δ 10 Δ 40		Δ 10 Δ 40				
Rottweiler	182 \pm 74	Δ 10 Δ 40	Δ 10 Δ 40	Δ 10 Δ 40				
AmStaff	20 \pm 25							
AmStaff	75 \pm 3	Δ 10 Δ 40	Δ 10 Δ 40	Δ 10 Δ 40				
Engl. Cocker Sp.	104 \pm 64	Δ 10 Δ 40		Δ 40				
Labrador Retriever	40 \pm 32*			Δ 10				
Port. Water Dog	77 \pm 29	Δ 10 Δ 40	Δ 10 Δ 40					
Shih Tzu	233 \pm 189			Δ 10 Δ 40				
Shih Tzu	233 \pm 21	Δ 10 Δ 40	Δ 10 Δ 40	Δ 10 Δ 40				
Whippet	15 \pm 19*							
American Bulldog	129 \pm 40		Δ 10 Δ 40					
Border Collie	80 \pm 57*	Δ 10 Δ 40	Δ 10 Δ 40	Δ 10 Δ 40	461*	Δ 10	Δ 10	Δ 10
Border Collie	88 \pm 63		Δ 10 Δ 40	Δ 10 Δ 40	35 \pm 23	Δ 10 Δ 40		Δ 10 Δ 40
Border Collie	-	Δ 10 Δ 40		Δ 10 Δ 40	43 \pm 32	Δ 10 Δ 40	Δ 10	Δ 10 Δ 40
Border Collie	236 \pm 140	Δ 10 Δ 40	Δ 10 Δ 40	Δ 10 Δ 40	142 \pm 32	Δ 10 Δ 40	Δ 10 Δ 40	
X B. Collie / Husky	130 \pm 39	Δ 10 Δ 40	Δ 10 Δ 40	Δ 10 Δ 40	433 \pm 146	Δ 10 Δ 40	Δ 10 Δ 40	Δ 10 Δ 40
BSD	-		Δ 10 Δ 40	Δ 10 Δ 40	136 \pm 160			
BMD	75 \pm 23	Δ 40	Δ 10 Δ 40		41 \pm 14		Δ 40	
St. Bernard	98 \pm 74		Δ 10 Δ 40		127 \pm 48	Δ 10 Δ 40	Δ 10 Δ 40	Δ 40
Dachshund	11 \pm 9				30 \pm 45			Δ 10 Δ 40
Engl. Cocker Sp.	31 \pm 30	Δ 10		Δ 10	39 \pm 41			
Am. Cocker Sp.	17 \pm 18	Δ 40			11 \pm 15			
Fl. C. Retriever	95 \pm 31	Δ 10 Δ 40	Δ 10 Δ 40		67 \pm 25	Δ 10 Δ 40	Δ 10 Δ 40	
Boston Terrier	27 \pm 38				29 \pm 26	Δ 10		
French Bulldog	-	Δ 10 Δ 40		Δ 10	51 \pm 35	Δ 10 Δ 40	Δ 40	
X Tibetan Terrier	93 \pm 25*	Δ 10	Δ 10		130 \pm 97	Δ 10	Δ 10 Δ 40	Δ 10
X	110 \pm 31	Δ 10 Δ 40	Δ 10 Δ 40	Δ 10	133 \pm 72	Δ 40	Δ 10 Δ 40	Δ 10 Δ 40

-: mean volume could not be calculated due to missing data; * based on one (no SD) or two samples

Δ 10 / Δ 40: change in salivary stress marker concentration 10 / 40 min after the behavioral test compared to baseline (pre-test)