ADDENDUM A: RAW DATA

UNITS FOR BLOOD PRESSURE AND CHEMICALS

The following abbreviations were used for units of blood pressure and the different biochemicals:

MAP mmHg = Mean arterial blood pressure in millimeter mercury

PAA pg/ℓ = Phenylacetic acid, metabolite of phenylethylamine
in picogram per litre

DOP pg/ℓ = Dopamine in picogram per litre

END pmol/ℓ = Beta-endorphin in picomol per litre

NEP pg/ℓ = Norepinephrine in picogram per litre

OXT ng/ℓ = Oxytocin in nanogram per litre

PRO ng/ℓ = Prolactin in nanogram per litre

COR nmol/ℓ = Cortisol in nanomol per litre

Humans and own dogs

OBS	NOMMER	VRAELYS	TYD	MAP	SP	DP	PEA	DOP	NA	OKS	PROL	END	COT	WANNEER
1	1	2	0	99.0	140.0	74.0	124	86	274	0.8	18.6	0.4	280	1
2	1	2	10	98.4	133.6	76.2	137	110	276	3.7	29.6	11.3	261	2
3	2	3	0	81.4	113.2	78.4	124	92	268	1.2	13.8	1.3	168	1
4	2	3	15	69.2	99.4	61.2	122	108	241	3.8	19.8	13.8	160	2
5	3	1	0	96.2	139.6	69.2	123	82	278	1.5	15.1	0.2	485	1
6	3	1	8	91.8	129.8	60.8	144	96	237	3.1	20.3	3.1	433	2
7	4	2	0	98.6	120.8	76.4	119	94	271	4.3	7.8	3.3	602	1
8	4	2	9	80.6	101.6	62.8	143	108	252	7.8	11.4	4.8	600	2
9	5	3	0	96.8	117.6	79.0	121	88	274	2.7	3.7	0.8	194	1
10	5	2	6	87.6	105.4	68.4	148	109	271	4.7	8.8	9.3	182	2
11	6	2	0	103.2	139.0	70.8	125	82	275	3.2	10.1	1.1	278	1
12	6	3	18	84.4	114.4	65.2	146	106	263	4.4	16.7	2.9	267	2
13	7	3	0	75.2	106.8	56.0	127	85	270	2.8	7.8	3.1	372	1
14	7	3	12	78.6	99.4	57.6	145	110	267	3.9	10.8	6.7	374	2
15	8	4	0	93.2	112.2	80.2	121	87	264	1.1	11.3	2.0	418	1
16	8	3	14	86.2	105.2	74.0	141	99	258	4.3	13.3	5.4	404	2
17	9	4	0	89.2	130.6	67.0	122	95	256	4.3	12.3	10.3	561	1
18	9	4	15	84.5	118.8	59.8	141	111	274	8.8	11.8	16.5	552	2

Humans and unfamiliar dogs

OBS	NOMMER	VRAELYS	TYD	MAP	SP	DP	PEA	DOP	NA	OKS	PROL	END	COT	WANNEER
1	1	3	0	86.0	112.0	66.8	126	82	272	6.1	7.8	1.4	167	1
2	1	3	5	86.2	112.2	69.0	158	115	268	5.3	14.2	2.3	154	2
3	2	3	0	111.8	149.4	92.2	125	89	266	3.6	14.6	9.6	215	1
4	2	3	9	94.8	126.8	68.4	128	110	268	4.9	19.3	13.6	221	2
5	3	3	0	74.8	93.4	57.2	127	88	268	0.7	18.9	13.7	248	1
6	3	2	14	66.2	97.8	47.6	161	99	249	3.1	21.7	17.8	232	2
7	4	3	0	84.4	125.8	60.4	124	81	276	1.8	3.2	4.8	160	1
8	4	3	17	78.6	111.8	54.8	146	112	228	4.4	4.7	8.4	141	2
9	5	3	0	64.4	94.0	45.6	126	81	273	2.4	2.9	6.6	381	1
10	5	2	24	58.4	80.4	42.0	141	103	278	3.7	8.5	7.7	364	2
11	6	3	0	100.2	132.4	81.4	123	86	261	3.6	8.3	8.3	608	1
12	6	3	18	92.6	124.4	65.0	143	101	264	3.8	9.4	10.2	520	2
13	7	2	0	69.8	98.2	49.0	118	83	272	1.9	3.8	6.7	354	1
14	7	2	23	57.4	89.4	41.4	153	98	273	4.2	10.1	10.8	351	2
15	8	4	0	79.6	112.6	57.2	117	94	263	0.8	10.1	1.6	389	1
16	8	4	19	87.8	117.0	65.4	129	106	270	1.7	9.2	0.9	377	2
17	9	2	0	79.4	130.0	60.0	121	87	275	0.9	4.7	3.2	193	1
18	9	2	9	73.8	110.0	54.2	138	104	271	2.3	5.1	5.6	175	2

Own dogs and humans

OBS	NOMMER	VRAELYS	TYD	MAP	SP	DP	PEA	DOP	NA	OKS	PROL	END	COT	WANNEER
1	1	.	0	82.2	118.4	60.4	67	38	156	0.4	68	0.8	218	1
2	1	.	17	70.6	89.6	57.2	92	63	168	0.8	74	4.1	211	2
3	2	.	0	77.4	111.8	57.8	52	31	206	0.1	57	1.1	718	1
4	2	.	19	78.4	115.6	59.8	93	58	191	0.3	68	4.7	521	2
5	3	.	0	89.2	119.0	64.2	61	42	168	0.4	62	3.0	281	1
6	3	.	8	82.6	107.4	61.4	87	61	141	0.7	60	4.1	273	2
7	4	.	0	106.2	114.4	96.6	63	32	192	0.1	28	1.7	365	1
8	4	.	5	78.8	108.0	63.4	98	61	201	1.2	31	2.8	663	2
9	5	.	0	100.2	139.0	80.2	48	38	198	0.8	27	0.9	342	1
10	5	.	15	90.8	130.0	73.6	91	62	168	1.4	22	2.9	419	2
11	6	.	0	90.0	135.0	68.0	60	40	215	0.7	55	2.7	286	1
12	6	.	12	84.0	119.0	65.0	85	58	195	1.2	64	3.9	266	2
13	7	.	0	66.2	91.6	53.6	57	29	167	1.1	61	1.7	330	1
14	7	.	5	111.3	134.5	100.0	103	62	169	1.8	69	2.3	321	2
15	8	.	0	92.0	124.6	65.8	44	50	221	1.3	19	0.3	191	1
16	8	.	7	91.6	130.6	62.6	77	58	215	1.9	23	1.7	180	2
17	9	.	0	72.2	103.2	59.2	55	41	181	0.3	21	0.4	240	1
18	9	.	15	68.6	99.6	54.6	93	60	168	0.9	31	2.1	233	2

Unfamiliar dog and humans

OBS	NOMMER	VRAELYS	TYD	MAP	SP	DP	PEA	DOP	NA	OKS	PROL	END	COT	WANNEER
1	1	.	0	98.6	133.4	81.2	48	31	176	0.0	52	0.0	488	1
2	1	.	16	94.4	123.2	71.0	97	42	166	0.4	54	1.8	521	2
3	2	.	0	128.2	166.6	99.8	52	38	216	0.0	21	1.8	614	1
4	2	.	5	111.8	151.2	82.2	91	61	201	0.3	29	2.3	603	2
5	3	.	0	80.4	125.0	63.4	49	37	199	0.1	68	0.4	356	1
6	3	.	11	85.8	118.2	64.2	87	58	174	0.8	74	1.1	349	2
7	4	.	0	116.8	155.2	88.6	54	28	210	0.0	63	0.5	443	1
8	4	.	9	110.8	152.0	86.6	88	61	173	0.2	69	1.4	441	2
9	5	.	0	73.4	81.8	63.6	63	28	186	0.3	19	1.3	452	1
10	5	.	23	64.0	95.0	48.3	92	55	163	0.2	18	1.7	449	2
11	6	.	0	113.6	168.0	95.0	61	31	178	0.0	17	1.6	391	1
12	6	.	21	89.6	74.4	74.4	107	47	182	0.0	15	3.8	413	2
13	7	.	0	86.2	100.4	52.2	38	33	161	0.0	49	0.9	368	1
14	7	.	14	75.8	106.4	60.0	79	61	171	0.1	47	3.1	342	2
15	8	.	0	113.6	137.8	84.2	64	41	189	0.0	13	2.0	621	1
16	8	.	22	94.0	125.2	76.2	97	64	161	0.0	12	11.6	606	2
17	9	.	0	121.2	156.2	95.6	47	32	163	0.0	23	4.7	709	1
18	9	.	11	112.0	149.8	90.2	86	57	165	0.0	25	9.8	693	2

Humans reading

OBS	NOMMER	VRAELYS	TYD	MAP	SP	DP	PEA	DOP	NA	OKS	PROL	END	COT	WANNEER
1	1	.	0	80.6	117.8	63.0	118	88	271	2.3	14.7	1.3	431	1
2	1	.	10	79.2	113.8	58.6	124	107	268	3.0	14.3	4.4	391	2
3	2	.	0	86.8	109.4	64.0	121	92	278	3.8	16.8	2.8	137	1
4	2	.	4	79.2	106.4	63.6	126	111	266	3.4	17.1	5.2	139	2
5	3	.	0	98.8	131.2	74.4	129	84	241	0.9	15.0	13.1	335	1
6	3	.	7	100.0	128.0	74.6	128	119	248	1.2	15.4	14.9	311	2
7	4	.	0	76.4	108.8	52.2	123	82	239	4.0	10.1	12.4	166	1
8	4	.	5	72.0	103.8	49.2	128	94	228	4.8	11.0	12.9	164	2
9	5	.	0	89.4	137.0	62.6	128	92	278	1.8	4.3	10.9	291	1
10	5	.	8	85.4	128.8	57.4	123	113	268	1.8	4.6	12.8	280	2
11	6	.	0	84.0	111.8	61.2	122	94	274	1.7	14.6	6.6	440	1
12	6	.	7	72.0	99.4	54.4	122	110	271	2.3	14.8	6.5	427	2
13	7	.	0	85.6	129.0	56.6	124	87	277	2.1	7.5	2.0	190	1
14	7	.	10	72.0	115.6	47.6	128	113	269	2.9	8.6	3.4	187	2
15	8	.	0	86.6	106.0	69.0	124	96	274	4.3	8.4	1.8	429	1
16	8	.	10	77.6	99.6	59.0	121	107	273	4.2	9.3	3.7	407	2
17	9	.	0	100.0	136.0	77.0	122	82	277	0.9	13.7	8.6	566	1
18	9	.	7	88.4	126.0	68.0	163	114	271	1.7	14.0	10.1	546	2
19	10	.	0	68.0	100.2	50.2	123	81	267	4.2	7.7	1.3	363	1
20	10	.	8	66.4	95.2	48.2	159	92	251	3.9	9.3	1.8	357	2
21	11	.	0	96.2	131.8	74.2	123	91	272	1.1	17.6	3.7	441	1
22	11	.	7	88.4	117.2	71.4	145	108	258	1.9	18.6	4.5	440	1
23	12	.	0	73.8	116.2	52.2	119	86	253	2.7	12.3	4.7	160	1
24	12	.	9	77.2	106.6	56.2	136	98	267	3.8	11.9	5.6	141	2
25	13	.	0	91.2	118.2	69.4	125	84	266	2.9	4.1	0.9	143	1
26	13	.	9	73.0	103.6	55.8	148	103	256	3.3	5.2	1.3	141	2
27	14	.	0	85.8	122.8	66.0	126	88	274	1.3	4.9	11.1	177	1
28	14	.	9	79.0	108.8	61.0	157	110	272	1.6	5.6	12.7	164	2
29	15	.	0	78.0	103.2	58.6	117	81	251	2.9	13.8	1.9	344	1
30	15	.	7	71.6	96.6	96.8	161	98	265	2.3	14.8	3.2	308	2
31	16	.	0	88.4	125.2	68.6	124	93	252	2.8	10.3	3.6	604	1
32	16	.	8	77.6	98.4	62.6	144	108	253	3.1	9.9	4.9	541	2
33	17	.	0	78.4	106.2	57.8	119	96	265	0.9	2.2	4.1	330	1
34	17	.	9	93.0	110.2	73.2	143	107	258	0.8	3.0	5.4	335	2
35	18	.	0	75.0	110.8	55.6	123	89	273	3.3	9.6	3.3	240	1
36	18	.	8	71.0	102.0	57.6	157	106	269	4.7	9.3	5.1	228	2

ADDENDUM B: LETTERS OF CONSENT

LETTER OF CONSENT TO USE MY DOG IN A SCIENTIFIC TRAIL

I herewith declare the trial was explained to me by a veterinarian. I agree that my dog may participate in the trial and that the following samples may be collected from my dog.

- Venous blood by venipuncture of the cephalic vein.

_____   _____

CLIENT NAME   CLIENT SIGNATURE

_____   _____

VETERINARIAN   DATE

LETTER OF CONSENT TO **PARTICIPATE** IN A SCIENTIFIC TRIAL

I _____ hereby give consent for the proposed procedure to be performed on me as part of the research project/Some physiological parameters as an evaluation of the effect of positive human-dog interaction.

Prof Odendaal has given me a full explanation of the probable advantages and possible dangers inherent in the procedure described below.

- The procedure consists of: Intravenous blood collection with a vacu-tube and the measurement of blood pressure.

    It will be executed by a qualified nurse.

My consent is freely given on the understanding that it may be withdrawn at any time.

_____   _____

SIGNATURE   DATE

_____

PROJECT LEADER

ADDENDUM C: BILINGUAL QUESTIONNAIRE

QUESTIONNAIRE

Indicate your level of anxiety about the following matters by ticking a ✓ on a scale of 1 to 5. One means no anxiety, two means a slight feeling of anxiety, three means a neutral feeling, four means a feeling of anxiety and five a feeling of high anxiety. The questionnaire will be handed in anonymously and will take no longer than 10 minutes to complete.

Matters to be considered	1	2	3	4	5
Your current life situation in general					
Your future life					
Your close relatives or friends with whom you have a relationship					
Their future and the future of these relationships					
Your external environment, such as your work situation (not at home)					
The future of your country					
Your health					
The current level of crime (your safety)					
Financial prospects					
Global ecological problems such as global warming, ozone layer, pollution					

VRAELYS

Dui die vlak van angstigheid wat u oor die volgende sake voel aan deur met 'n ✓ te merk op 'n skaal va 1 tot 5. Een beteken geen angstigheid, twee beteken 'n effense gevoel van angstigheid, drie beteken neutrale gevoel, vier beteken 'n gevoel van angstigheid en vyf beteken 'n gevoel van hoë angstigheid. D sal nie langer as 10 minute neem om die vraelys te voltooi nie en dit word anoniem ingehandig.

Sake om te oorweeg	1	2	3	4	5
U huidige lewensomstandighede oor die algemeen					
U toekomstige lewe					
U naby familie of vriende met wie u 'n verhouding het					
Hulle toekoms en die toekoms van die verhoudings					
U eksterne omgewing soos u werksituasie (nie by die huis)					
Die toekoms van u land					
U gesondheid					
Die huidige vlak van geweld (u veiligheid)					
Finansiële vooruitsigte					
Globale ekologiese vraagstukke soos verwarming van die aarde se atmosfeer, die osoonlaag en besoedeling					