

DATA STATEMENT

Nutritional consumption of phenolic compounds-rich clarified açai juice (*Euterpe oleracea*) elicits anxiolytic and antidepressant effects during adolescence in rats

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DATA STATEMENT

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Page 3. Table 1. Data Statement. Raw data from the Open Field Task.

TOTAL DISTANCE TRAVELED (m)			AVERAGE SPEED (m/s)	
Control	CAJ		Control	CAJ
19,321	19,446		0,064	0,058
17,069	25,969		0,079	0,054
22,998	19,518		0,064	0,052
18,918	22,722		0,057	0,077
13,191	15,114		0,077	0,081
16,945	16,272		0,063	0,065
20,633	15,046		0,044	0,065
14,831	17,295		0,056	0,076
19,166	16,248		0,069	0,087
21,044	15,576		0,049	0,05
19,318	22,988		0,064	0,054
23,727	24,416		0,07	0,05
CENTRAL DISTANCE TRAVELED (m)			CENTRE TIME (sec)	
Control	CAJ		Control	CAJ
1,293	2,088		20,8	11,3
1,229	4,885		13,6	33,7
2,647	5,329		30	40,1
1,791	5,256		13,1	19,8
2,152	3,981		24,4	15,8
1,57	3,696		24,4	48,4
2,118	3,199		23,7	38,9
1,445	1,526		27,7	16,7
2,171	0,908		34,7	7
2,351	2,519		13,2	25,1
1,603	3,934		17,4	21,9
1,876	1,681		30,8	8,1
PERIPHERY DISTANCE (m)			PERIPHERY TIME (sec)	
18,028	8,197		291,6	293,4
15,84	17,357		279,2	288,7
20,351	21,083		286,4	266,3
17,127	14,189		270	259,9
11,039	17,466		286,9	280,2
15,374	22,177		275,6	284,2
18,515	11,418		275,6	261,1
13,387	11,847		276,3	283,3
16,995	15,769		272,3	293
18,693	15,887		292,8	274,9
18,171	14,668		286,8	278,1
21,851	20,469		282,6	291,9

Page 4. Table 2. Data Statement. Raw data from the Elevated Plus Maze Task.

OPEN ARMS ENTRIES (%)		OPEN ARMS TIME (%)		ANXIETY INDEX		CLOSED ARMS ENTRIES		CLOSED ARMS TIME	
Control	CAJ	Control	CAJ	Control	CAJ	Control	CAJ	Control	CAJ
26,67	40	11,7	22,09	31	19	8	9	89	84
27,27	37,5	9,64	8,2	32	27	9	11	91	65
29,41	27,78	19,29	19,65	29	26	9	12	82	68
30,77	31,25	13,38	13,84	29	34	10	12	82	63
28,57	29,41	10,96	20,02	28	27	7	9	94	88
30	33,33	14,45	17,58	34	25	9	9	88	78
30,77	35,71	12,41	24,7	28	25	10	9	90	92
23,08	33,33	17,31	11,35	34	20	7	11	86	92
31,25	38,46	19,2	15,77	31	34	11	8	89	86
28,57	38,89	17,12	34,6	34	28	11	11	85	79
23,08	35,29	19,91	31,84	33	23	10	11	98	82
25	33,33	10,72	36,85	34	16	10	10	87	75

Page 5. Table 3. Data Statement. Raw data from the Y Maze Task.

ENTRIES IN THE NEW ARM			TIME IN THE NEW ARM			ENTRY LATENCY	
Control	CAJ		Control	CAJ		Control	CAJ
7	5		119,9	87,6		1,5	45,5
4	5		58,4	81,8		13,8	4,5
6	4		70,4	104,7		11,1	49,6
4	4		67,5	89,5		5,7	9,7
5	7		77	102,6		6,7	3,1
4	6		57,3	118,8		7,1	9,5
3	5		71,6	71,9		5,8	25,2
5	8		32,6	91,9		6,8	8,2
2	6		122	95,9		10,1	3
7	4		22,4	61,9		9,9	44,9
3	3		139,7	107,1		4,6	5,4
5	6		96,3	90,8		4,3	54,5

IMMOBILITY TIME			CLIMBING	
Control	CAJ		Control	CAJ
50	65		42	45
84	74		42	64
120	80		20	35
90	39		42	30
93	30		28	29
120	28		24	87
80	57		23	20
89	20		7	65
68	60		13	20
120	80		16	43
51	35		16	50
120	50		12	32

Page 7. Table 5. Data Statement. Raw data from the monoamine evaluation in the prefrontal cortex.

NE			5-HT	
Control	CAJ		Control	CAJ
71,9174482	75,62888		128,3347769	123,5396
93,708838	97,88078		135,0596964	118,438427
100,87292	103,2813		145,726847	124,6614
142,930468	106,0305		207,2974023	126,9728
123,117488	119,0229		160,8486235	127,3203

PREFRONTAL CORTEX

CATALASE			GPx	
Control	CAJ		Control	CAJ
1,753	7,436		0,0133	0,0462
3,243	1,89		0,0141	0,0176
2,381	4,496		0,0082	0,039
2,951	2,373		0,0107	0,0132
4,932	4,899		0,0112	0,058
4,2	2,74		0,033	0,064
3,243	3,972		0,0248	0,0336
NO			TBARS	
Control	CAJ		Control	CAJ
17,48	13,39		0,019	0,011
15,52	16,77		0,053	0,032
11,5	8,89		0,01	0,055
13,04	8,24		0,005	0,0347
10,73	11,695		0,102	0,014
15,222	12,028		0,03	0,0351
13,915	10,856		0,02	0,0305

AMYGDALA

CATALASE			GPx	
Control	CAJ		Control	CAJ
4,6	1,944		0,0165	0,0064
1,115	2,263		0,0207	0,0109
3,161	1,989		0,0182	0,0196
2,793	1,36		0,0134	0,0104
1,702	1,298		0,037	0,03
1,992	2,185		0,031	0,03
2,565	1,379		0,042	0,03
NO			TBARS	
Control	CAJ		Control	CAJ
21,06	22,3		0,02	0,012
23,75	17,42		0,026	0,01

19,79	12,53		0,017	0,016
14,75	14,28		0,022	0,011
10,94	57,533		0,013	0,011
22,774	35,978		0,009	0,009
46,357	29,325		0,011	0,008

VENTRAL HIPPOCAMPUS

CATALASE			GPx	
Control	CAJ		Control	CAJ
1,414	5,499		0,0391	0,021
0,944	6,336		0,026	0,0105
1,428	3,565		0,014	0,0118
2,147	1,316		0,0103	0,0085
1,37	1,65		0,0068	0,037
0,51	3,464		0,03	0,056
2,09	2,42		0,029	0,036
NO			TBARS	
Control	CAJ		Control	CAJ
11,59	15,52		0,045	0,016
13,45	13,93		0,011	0,046
15,97	10,34		0,027	0,05
12,65	12,27		0,008	0,013
10,7	26,93		0,038	0,041
13,795	25,327		0,037	0,044
18,415	17,386		0,067	0,023

DORSAL HIPPOCAMPUS

CATALASE			GPx	
Control	CAJ		Control	CAJ
2,749	0,945		0,0144	0,0151
2,998	1,556		0,0086	0,0143
3,376	0,83		0,0072	0,0086
0,709	3,841		0,0077	0,0115
0,998	1,087		0,038	0,035
1,934	1,947		0,042	0,04
2,374	2,393		0,058	0,039
NO			TBARS	

Control	CAJ		Control	CAJ
14,19	30,59		0,0223	0,0317
39,85	32,04		0,0138	0,0341
11,38	12,89		0,0257	0,0219
42,434	10,7		0,014	0,0195
11,32	7,62		0,005	0,005
37,13	50,88		0,006	0,007
88,136	37,332		0,009	0,006

Page 11. Figure 1. Data Statement. Integrated curves showing body weight development across PND28, PND34, PND37, and PND40 for both groups. Data represent mean $\pm$ SEM.

