

**The first ten rows and two columns  
of the sleep data set**

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Obs	species	bodywt	totalsleep	totalsleep1
1	Africanelephant	6654.00	3.3	3.3
2	Africangiantpouchedrat	1.00	8.3	8.3
3	ArcticFox	3.39	12.5	12.5
4	Arcticgroundsquirrel	0.92	16.5	16.5
5	Asianelephant	2547.00	3.9	3.9
6	Baboon	10.55	9.8	9.8
7	Bigbrownbat	0.02	19.7	19.7
8	Braziliantapir	160.00	6.2	6.2
9	Cat	3.30	14.5	14.5
10	Chimpanzee	52.16	9.7	9.7

## The smallest body weight

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Obs	species	bodywt	brainwt	nondreaming	dreaming	totalsleep	lifespan	gestation	predation
1	Lessershort-tailedshrew	.005	0.14	7.7	1.4	9.1	2.6	21.5	5

Obs	exposure	danger	nondreaming1	dreaming1	totalsleep1	lifespan1	gestation1
1	2	4	7.7	1.4	9.1	2.6	21.5

## The largest body weight

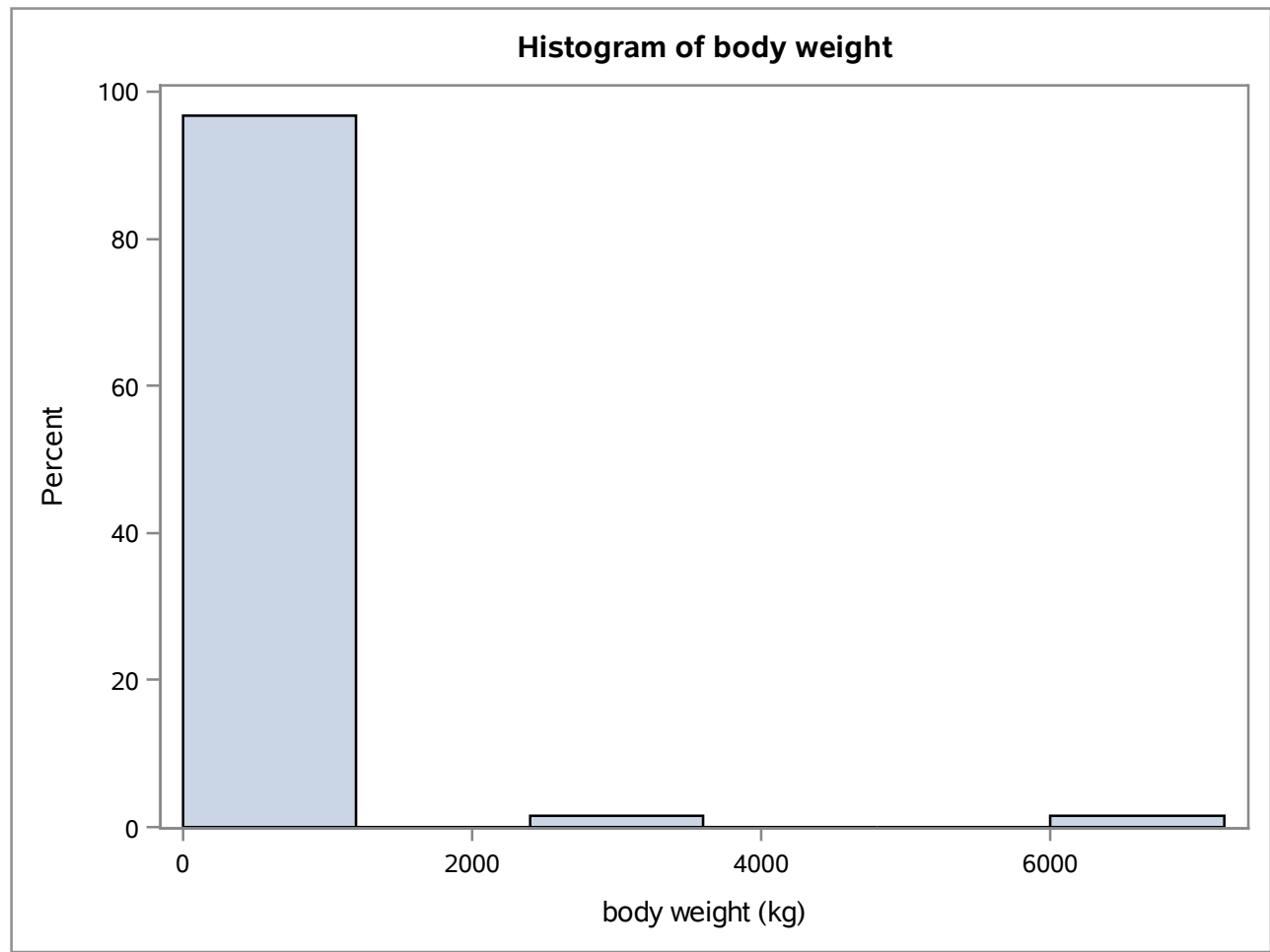
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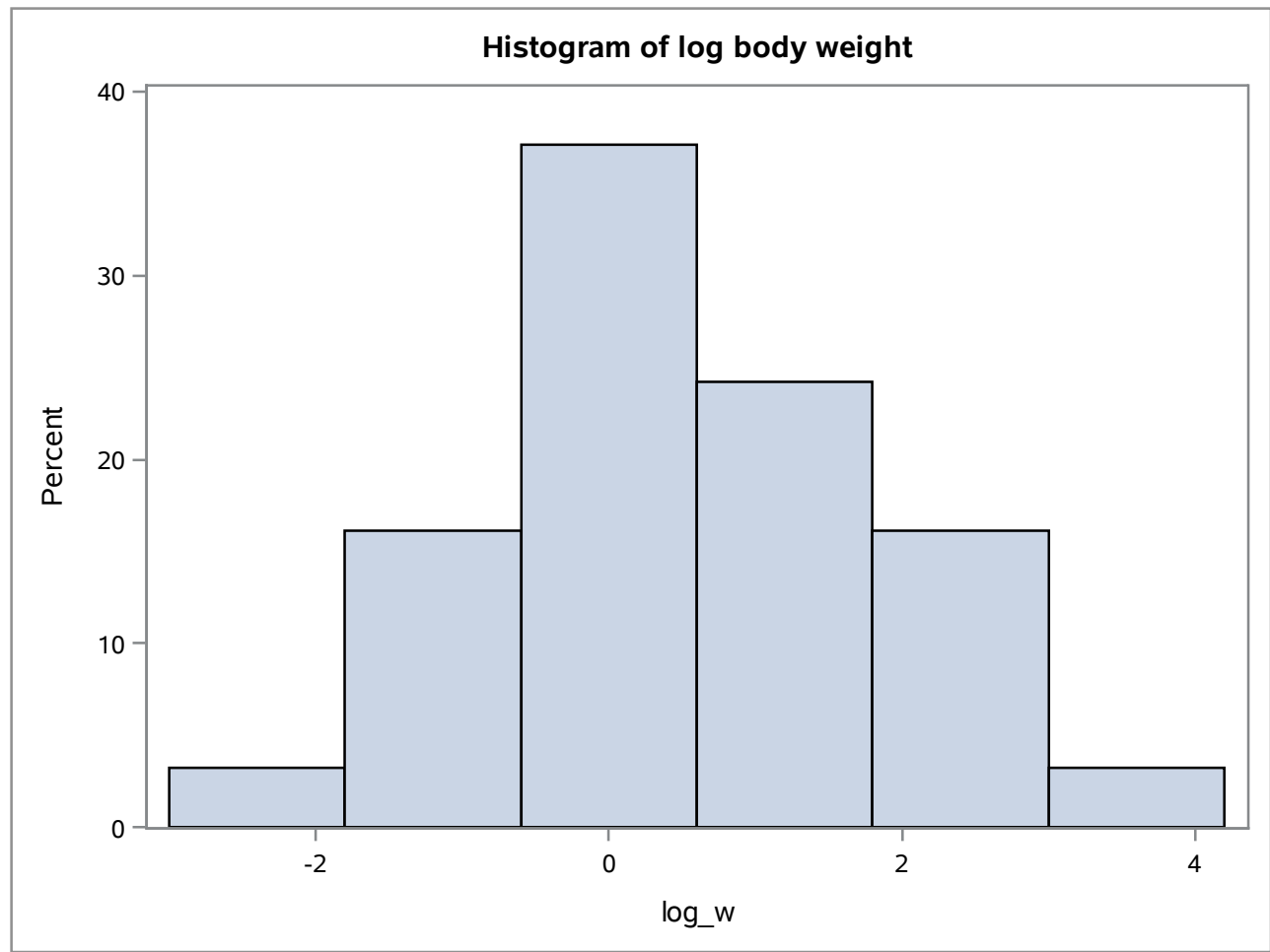
Obs	species	bodywt	brainwt	nondreaming	dreaming	totalsleep	lifespan	gestation	predation
1	Africanelephant	6654	5712	NA	NA	3.3	38.6	645	3

Obs	exposure	danger	nondreaming1	dreaming1	totalsleep1	lifespan1	gestation1
1	5	3	.	.	3.3	38.6	645

## The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
bodywt	body weight (kg)	62	198.7899839	899.1580105	0.0050000	6654.00
brainwt	brain weight (g)	62	283.1341935	930.2789423	0.1400000	5712.00
nondreaming1		48	8.6729167	3.6664517	2.1000000	17.9000000
dreaming1		50	1.9720000	1.4426506	0	6.6000000
totalsleep1		58	10.5327586	4.6067604	2.6000000	19.9000000
lifespan1		58	19.8775862	18.2062554	2.0000000	100.0000000
gestation1		58	142.3534483	146.8050387	12.0000000	645.0000000
predation	predation index (1-5) 1 = least predated	62	2.8709677	1.4764143	1.0000000	5.0000000
exposure	sleep exposure index (1-5) 1 = least exposed	62	2.4193548	1.6047919	1.0000000	5.0000000
danger	overall danger index (1-5) (based on predation and exposure)	62	2.6129032	1.4412522	1.0000000	5.0000000





## Lowest brain to body ratio

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Obs	species	bodywt	brainwt	nondreaming	dreaming	totalsleep	lifespan	gestation	predation	exposure
1	Africanelephant	6654	5712	NA	NA	3.3	38.6	645	3	5

Obs	danger	nondreaming1	dreaming1	totalsleep1	lifespan1	gestation1	brain_body_ratio
1	3	.	.	3.3	38.6	645	0.85843

## Highest brain to body ratio

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Obs	species	bodywt	brainwt	nondreaming	dreaming	totalsleep	lifespan	gestation	predation	exposure
1	Groundsquirrel	0.101	4	10.4	3.4	13.8	9	28	5	1

Obs	danger	nondreaming1	dreaming1	totalsleep1	lifespan1	gestation1	brain_body_ratio
1	3	10.4	3.4	13.8	9	28	39.6040