

核查结果请详见附件，本次核查仅抽查了体重8个时间点的两组数据，并计算其均数，标准差和进行t检验。
本次为第二次核查，第一次差错之处及原因均已查明和更正，特此证明其统计描述和t检验结果的正确性。
但对其研究设计及所采用的统计方法是否合宜未有深入研究。若是作者采用了重复测量的设计或者需要考虑控制数据的不独立性引起的偏倚，则需要考虑重复测量的方差分析。
若非此类设计和未有关于时间方面研究目的，则可采用t检验。

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Obs	group	t4	t8	t12	t16	t20	t24	t28											
1	+	15.4	23.1	27.4	29.3	31.3	34.4	37.6											
2	+	15.3	23.0	25.1	27.5	30.2	34.6	38.4											
3	+	17.4	26.1	29.3	30.7	31.1	32.5	33.3											
4	+	17.2	25.8	30.3	30.4	31.4	31.4	32.6											
5	+	16.8	25.2	25.0	26.6	28.7	31.8	34.3											
6	+	13.1	19.6	22.1	22.8	24.3	28.3	30.1											
7	+	13.2	19.8	21.8	22.4	24.2	29.9	31.3											
8	+	11.3	17.0	19.6	20.8	24.2	31.0	33.6											
9	+	12.2	18.3	21.2	21.8	23.7	25.3	27.7											
10	+	11.3	16.9	19.6	21.1	24.5	28.9	32.6											
11	-	17.3	26.0	28.4	28.6	30.8	32.3	34.5											
12	-	17.7	26.6	30.5	31.3	30.8	31.6	29.5											
13	-	16.1	24.1	23.1	25.4	27.3	27.2	28.7											
14	-	16.1	24.1	25.6	25.0	25.0	26.8	27.1											
15	-	11.3	17.0	17.9	18.4	20.1	21.3	21.2											
16	-	9.5	14.3	16.8	18.3	20.0	19.5	20.6											
17	-	12.7	19.1	20.6	21.4	26.1	25.2	26.5											
18	-	11.7	17.5	18.5	19.3	20.6	21.5	24.4											
19	-	11.6	17.4	20.3	21.0	20.9	23.4	25.1											
20	-	14.8	22.2	24.9	25.0	27.2	28.6	29.3											

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1	+	15.4	23.1	27.4	29.3	31.3	34.4	37.6											
2	+	15.3	23.0	25.1	27.5	30.2	34.6	38.4											
3	+	17.4	26.1	29.3	30.7	31.1	32.5	33.3											
4	+	17.2	25.8	30.3	30.4	31.4	31.4	32.6											
5	+	16.8	25.2	25.0	26.6	28.7	31.8	34.3											

6	+	13.1	19.6	22.1	22.8	24.3	28.3	30.1
7	+	13.2	19.8	21.8	22.4	24.2	29.9	31.3
8	+	11.3	17.0	19.6	20.8	24.2	31.0	33.6
9	+	12.2	18.3	21.2	21.8	23.7	25.3	27.7
10	+	11.3	16.9	19.6	21.1	24.5	28.9	32.6
11	-	17.3	26.0	28.4	28.6	30.8	32.3	34.5
12	-	17.7	26.6	30.5	31.3	30.8	31.6	29.5
13	-	16.1	24.1	23.1	25.4	27.3	27.2	28.7
14	-	16.1	24.1	25.6	25.0	25.0	26.8	27.1
15	-	11.3	17.0	17.9	18.4	20.1	21.3	21.2
16	-	9.5	14.3	16.8	18.3	20.0	19.5	20.6
17	-	12.7	19.1	20.6	21.4	26.1	25.2	26.5
18	-	11.7	17.5	18.5	19.3	20.6	21.5	24.4
19	-	11.6	17.4	20.3	21.0	20.9	23.4	25.1
20	-	14.8	22.2	24.9	25.0	27.2	28.6	29.3

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The TTEST Procedure

Statistics

		Lower CL		Upper CL		Lower CL		Upper CL			
Variable group		N	Mean	Mean	Mean	Std Dev	Std Dev	Std Dev	Std Err	Minimum	Maximum
t4	+	10	12.608	14.32	16.032	1.646	2.393	4.3686	0.7567	11.3	17.4
t4	-	10	11.826	13.88	15.934	1.9747	2.8708	5.2411	0.9078	9.5	17.7
t4	Diff (1-2)		-2.043	0.44	2.923	1.9969	2.6427	3.9081	1.1819		
t8	+	10	18.909	21.48	24.051	2.4726	3.5947	6.5625	1.1367	16.9	26.1
t8	-	10	17.754	20.83	23.906	2.958	4.3004	7.8509	1.3599	14.3	26.6
t8	Diff (1-2)		-3.074	0.65	4.3737	2.9947	3.9633	5.861	1.7724		
t12	+	10	21.355	24.14	26.925	2.6774	3.8925	7.1062	1.2309	19.6	30.3
t12	-	10	19.353	22.66	25.967	3.1802	4.6234	8.4406	1.4621	16.8	30.5
t12	Diff (1-2)		-2.535	1.48	5.4953	3.2292	4.2736	6.3199	1.9112		
t16	+	10	22.494	25.34	28.186	2.7368	3.9789	7.2639	1.2582	20.8	30.7
t16	-	10	20.205	23.37	26.535	3.0429	4.4239	8.0764	1.399	18.3	31.3
t16	Diff (1-2)		-1.983	1.97	5.923	3.1791	4.2073	6.2219	1.8816		
t20	+	10	24.898	27.36	29.822	2.3673	3.4416	6.2831	1.0883	23.7	31.4
t20	-	10	21.83	24.88	27.93	2.9331	4.2643	7.7849	1.3485	20	30.8
t20	Diff (1-2)		-1.161	2.48	6.1207	2.9279	3.8748	5.7302	1.7329		
t24	+	10	28.778	30.81	32.842	1.9537	2.8404	5.1854	0.8982	25.3	34.6
t24	-	10	22.62	25.74	28.86	3	4.3615	7.9624	1.3792	19.5	32.3
t24	Diff (1-2)		1.6121	5.07	8.5279	2.7809	3.6804	5.4426	1.6459		
t28	+	10	30.864	33.15	35.436	2.1985	3.1963	5.8351	1.0107	27.7	38.4
t28	-	10	23.722	26.69	29.658	2.854	4.1493	7.575	1.3121	20.6	34.5
t28	Diff (1-2)		2.9803	6.46	9.9397	2.7985	3.7036	5.4769	1.6563		

T-Tests

Variable	Method	Variances	DF	t Value	Pr > t
t4	Pooled	Equal	18	0.37	0.7140
t4	Satterthwaite	Unequal	17.4	0.37	0.7142
t8	Pooled	Equal	18	0.37	0.7181
t8	Satterthwaite	Unequal	17.5	0.37	0.7182
t12	Pooled	Equal	18	0.77	0.4488
t12	Satterthwaite	Unequal	17.5	0.77	0.4491
t16	Pooled	Equal	18	1.05	0.3090
t16	Satterthwaite	Unequal	17.8	1.05	0.3091
t20	Pooled	Equal	18	1.43	0.1695
t20	Satterthwaite	Unequal	17.2	1.43	0.1703
t24	Pooled	Equal	18	3.08	0.0065
t24	Satterthwaite	Unequal	15.5	3.08	0.0074
t28	Pooled	Equal	18	3.90	0.0010
t28	Satterthwaite	Unequal	16.9	3.90	0.0012

Equality of Variances

Variable	Method	Num DF	Den DF	F Value	Pr > F
t4	Folded F	9	9	1.44	0.5962
t8	Folded F	9	9	1.43	0.6019
t12	Folded F	9	9	1.41	0.6164
t16	Folded F	9	9	1.24	0.7572
t20	Folded F	9	9	1.54	0.5332
t24	Folded F	9	9	2.36	0.2174
t28	Folded F	9	9	1.69	0.4489