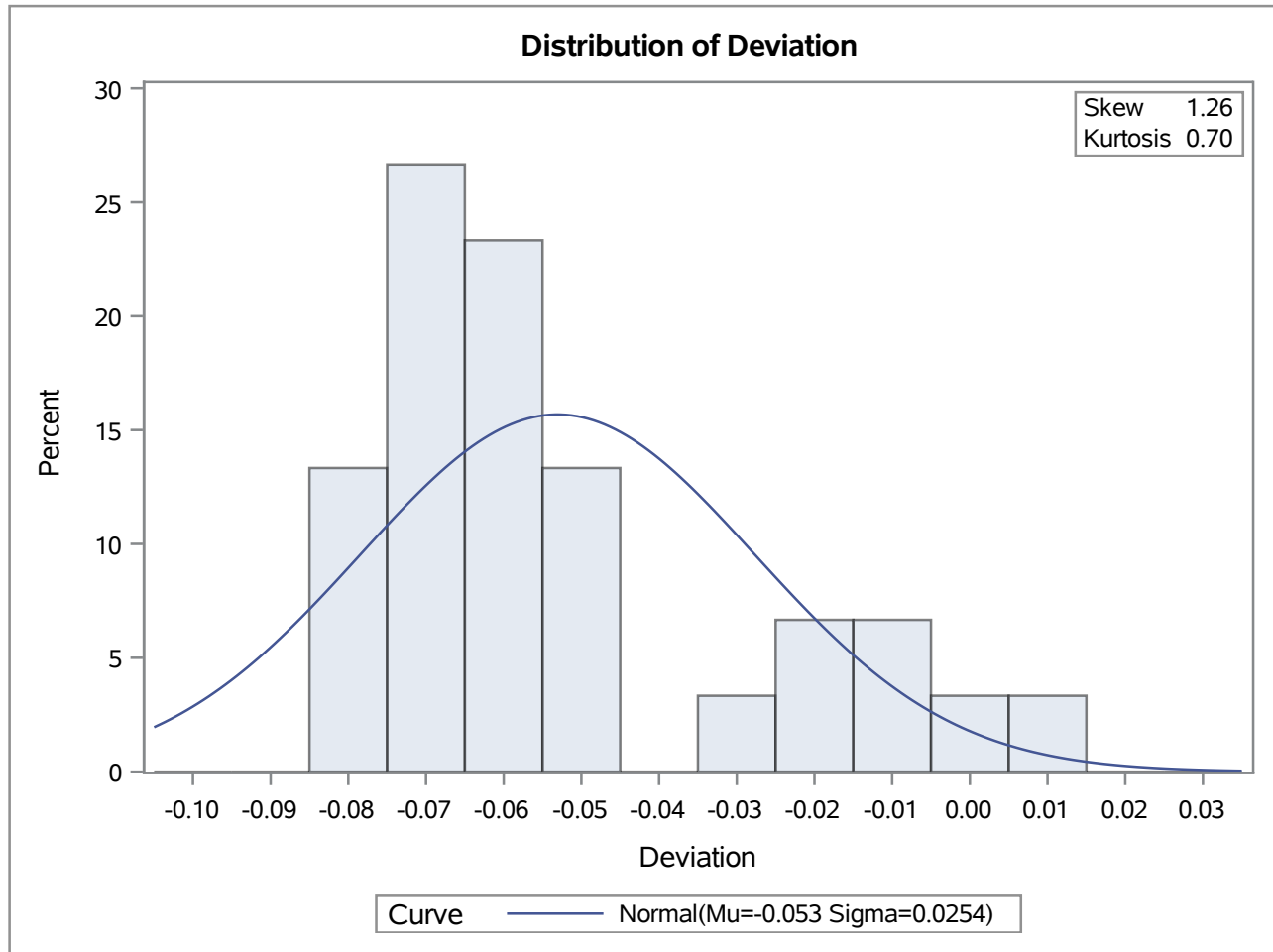


## The UNIVARIATE Procedure



**The UNIVARIATE Procedure**  
**Fitted Normal Distribution for Deviation**

Parameters for Normal Distribution		
Parameter	Symbol	Estimate
Mean	Mu	-0.05307
Std Dev	Sigma	0.025436

Goodness-of-Fit Tests for Normal Distribution				
Test	Statistic		p Value	
Kolmogorov-Smirnov	D	0.20892119	Pr > D	<0.010
Cramer-von Mises	W-Sq	0.32927378	Pr > W-Sq	<0.005
Anderson-Darling	A-Sq	1.78488083	Pr > A-Sq	<0.005

Quantiles for Normal Distribution		
Percent	Quantile	
	Observed	Estimated
1.0	-0.08070	-0.11224
5.0	-0.07850	-0.09491
10.0	-0.07610	-0.08566
25.0	-0.07310	-0.07022
50.0	-0.06250	-0.05307
75.0	-0.04550	-0.03591
90.0	-0.01430	-0.02047
95.0	0.00380	-0.01123
99.0	0.01410	0.00611

Obs	ID	Time
1	A204	15.2
2	C305	17.8
3	M315	16.4
4	J228	14.21

## Maze Time

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SUBJECT	SEX	AGE	TIME
B324	M	12.5	71
A712	M	13.7	73
H308	M	13.1	68
C119	F	13.3	75

SUBJ	HEIGHT	BMI_INIT	BMI_FINAL	BMI_DIFF
001	70	49.6059	42.8480	-6.75790
002	72	33.9770	32.6179	-1.35908
005	63	42.6030	35.5025	-7.10050
007	68	23.6169	22.8551	-0.76184

## Military Service List

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Obs	LAST_NAME	FIRST_NAME	GENDER	MILITARY_BRANCH	YEARS_IN_SERVICE
1	Cavanaugh	Peter	M	Marines	7.4
2	Geddy	Gerald	M	Army	10.3
3	Roseland	Megan	F	Army	5.1
4	Smith	Eileen	F	Air Forc	6.2
5	Peterson	Thomas	M	Navy	13.7
6	Bemmers	Ronald	M	Army	4.8
7	Johnson	James	M	Marines	8.6
8	Lovelace	Henry	M	Marines	20.1
9	Patel	Sundeeep	M	Army	14.7
10	Li	Kim	M	Navy	10.8
11	Parks	Tu	F	Marines	4.9
12	Shotsky	Mona	F	Army	3.3
13	Ramble	Johnny	M	Air Forc	15.0
14	Fobby	Anthony	M	Air Forc	11.2
15	Rinaldi	Christop	M	Navy	5.4
16	Canter	Kathleen	F	Army	5.0
17	Welch	Amber	F	Marines	9.6
18	Johnson	Tracy	M	Marines	5.8
19	Little	Lemont	M	Navy	6.8
20	Freeman	Thomas	M	Army	4.2
21	Comisson	Ellen	F	Navy	11.6
22	Early	Michael	M	Army	14.1
23	Hicks	Barbara	F	Air Forc	8.3
24	Smith	Andrew	M	Air Forc	9.5

# Military Service List

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MILITARY_BRANCH	LAST_NAME	GENDER	YEARS_IN_SERVICE
Air Forc	Smith	F	6.2
	Ramble	M	15.0
	Fobby	M	11.2
	Hicks	F	8.3
	Smith	M	9.5
<b>Air Forc</b>			<b>50.2</b>

MILITARY_BRANCH	LAST_NAME	GENDER	YEARS_IN_SERVICE
Army	Geddy	M	10.3
	Roseland	F	5.1
	Bemmers	M	4.8
	Patel	M	14.7
	Shotsky	F	3.3
	Canter	F	5.0
	Freeman	M	4.2
	Early	M	14.1
<b>Army</b>			<b>61.5</b>

MILITARY_BRANCH	LAST_NAME	GENDER	YEARS_IN_SERVICE
Marines	Cavanaugh	M	7.4
	Johnson	M	8.6
	Lovelace	M	20.1
	Parks	F	4.9
	Welch	F	9.6
	Johnson	M	5.8
<b>Marines</b>			<b>56.4</b>

MILITARY_BRANCH	LAST_NAME	GENDER	YEARS_IN_SERVICE
Navy	Peterson	M	13.7
	Li	M	10.8
	Rinaldi	M	5.4
	Little	M	6.8
	Comisson	F	11.6

MILITARY_BRANCH	LAST_NAME	GENDER	YEARS_IN_SERVICE
Navy			48.3
			216.4



## Military Service List by Branch of Service

MILITARY_BRANCH	LAST_NAME	GENDER	YEARS_IN_SERVICE
Air Forc	Smith	F	6.2
	Ramble	M	15.0
	Fobby	M	11.2
	Hicks	F	8.3
	Smith	M	9.5

MILITARY_BRANCH	LAST_NAME	GENDER	YEARS_IN_SERVICE
Army	Geddy	M	10.3
	Roseland	F	5.1
	Bemmers	M	4.8
	Patel	M	14.7
	Shotsky	F	3.3
	Canter	F	5.0
	Freeman	M	4.2
	Early	M	14.1

MILITARY_BRANCH	LAST_NAME	GENDER	YEARS_IN_SERVICE
Marines	Cavanaugh	M	7.4
	Johnson	M	8.6
	Lovelace	M	20.1
	Parks	F	4.9
	Welch	F	9.6
	Johnson	M	5.8

MILITARY_BRANCH	LAST_NAME	GENDER	YEARS_IN_SERVICE
Navy	Peterson	M	13.7
	Li	M	10.8
	Rinaldi	M	5.4
	Little	M	6.8
	Comisson	F	11.6

**Military Service List by Branch of Service****The MEANS Procedure**

Analysis Variable : YEARS_IN_SERVICE				
N	Mean	Std Dev	Minimum	Maximum
24	9.0166667	4.2590739	3.3000000	20.1000000

## Military Service List

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MILITARY_BRANCH	LAST_NAME	GENDER	YEARS_IN_SERVICE
Air Forc	Ramble	M	15.0
Air Forc	Fobby	M	11.2
Army	Geddy	M	10.3
Army	Patel	M	14.7
Army	Early	M	14.1
Marines	Lovelace	M	20.1
Navy	Peterson	M	13.7
Navy	Li	M	10.8
Navy	Comisson	F	11.6

## Military Service List

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MILITARY_BRANCH	LAST_NAME	GENDER	YEARS_IN_SERVICE
Air Forc	Smith	F	6.2
Air Forc	Hicks	F	8.3
Air Forc	Smith	M	9.5
Army	Roseland	F	5.1
Army	Canter	F	5.0
Marines	Cavanaugh	M	7.4
Marines	Johnson	M	8.6
Marines	Welch	F	9.6
Marines	Johnson	M	5.8
Navy	Rinaldi	M	5.4
Navy	Little	M	6.8

Obs	LAST_NAME	FIRST_NAME	GENDER	MILITARY_BRANCH	YEARS_IN_SERVICE
1	Cavanaugh	Peter	M	Marines	7.4
2	Johnson	James	M	Marines	8.6
3	Lovelace	Henry	M	Marines	20.1
4	Parks	Tu	F	Marines	4.9
5	Welch	Amber	F	Marines	9.6
6	Johnson	Tracy	M	Marines	5.8