The ANOVA Procedure

Class Level Information		
Class	Levels	Values
val	3	big mid small
sortName	3	bubble insert select

Number of Observations Read	90
Number of Observations Used	90

The ANOVA Procedure

Dependent Variable: _time

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	2911.149779	363.893722	30050.3	<.0001
Error	81	0.980870	0.012110		
Corrected Total	89	2912.130649			

R-Square	Coeff Var	Root MSE	_time Mean
0.999663	0.969036	0.110043	11.35594

Source	DF	Anova SS	Mean Square	F Value	Pr > F
val	2	0.441503	0.220751	18.23	<.0001
sortName	2	2910.571724	1455.285862	120177	<.0001
val*sortName	4	0.136552	0.034138	2.82	0.0303

The ANOVA Procedure

Distribution of _time
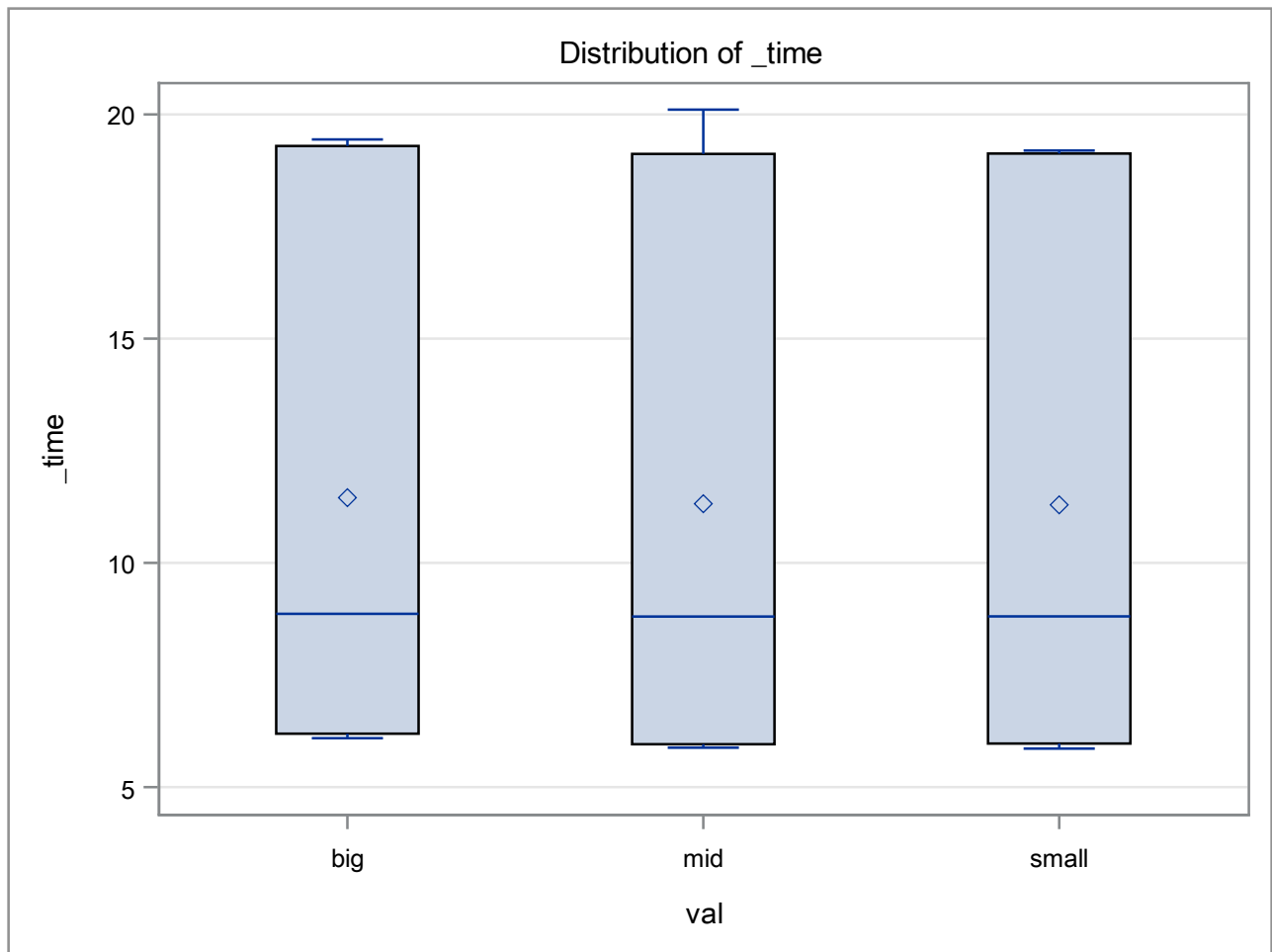
Level of val	N	_time	
		Mean	Std Dev
big	30	11.4539667	5.76695470
mid	30	11.3192667	5.81618114
small	30	11.2946000	5.77211784

The ANOVA Procedure

Distribution of _time
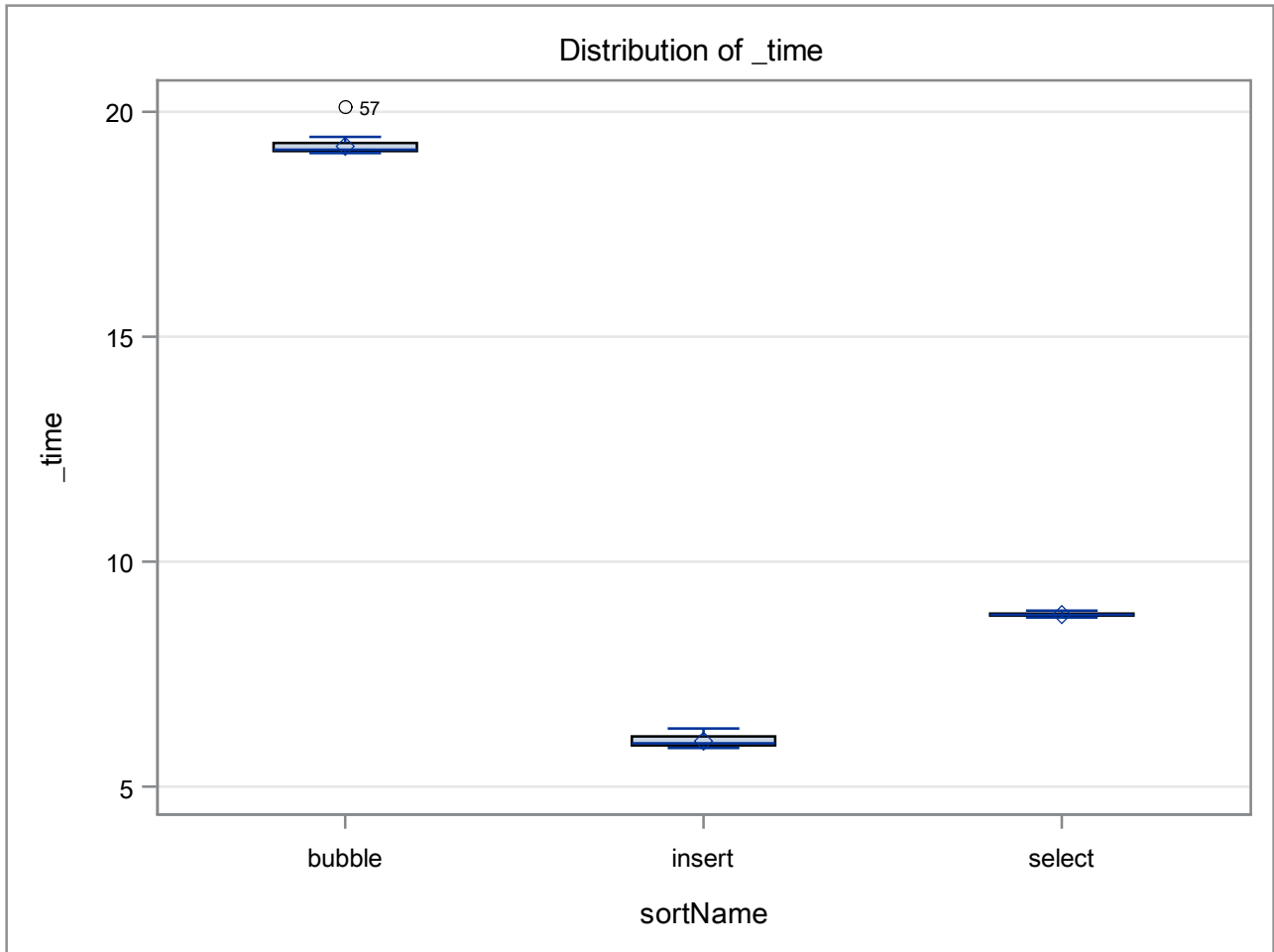
Level of sortName	N	_time	
		Mean	Std Dev
bubble	30	19.2325333	0.18980312
insert	30	6.0108667	0.12683977
select	30	8.8244333	0.04052729

The ANOVA Procedure

Distribution of _time
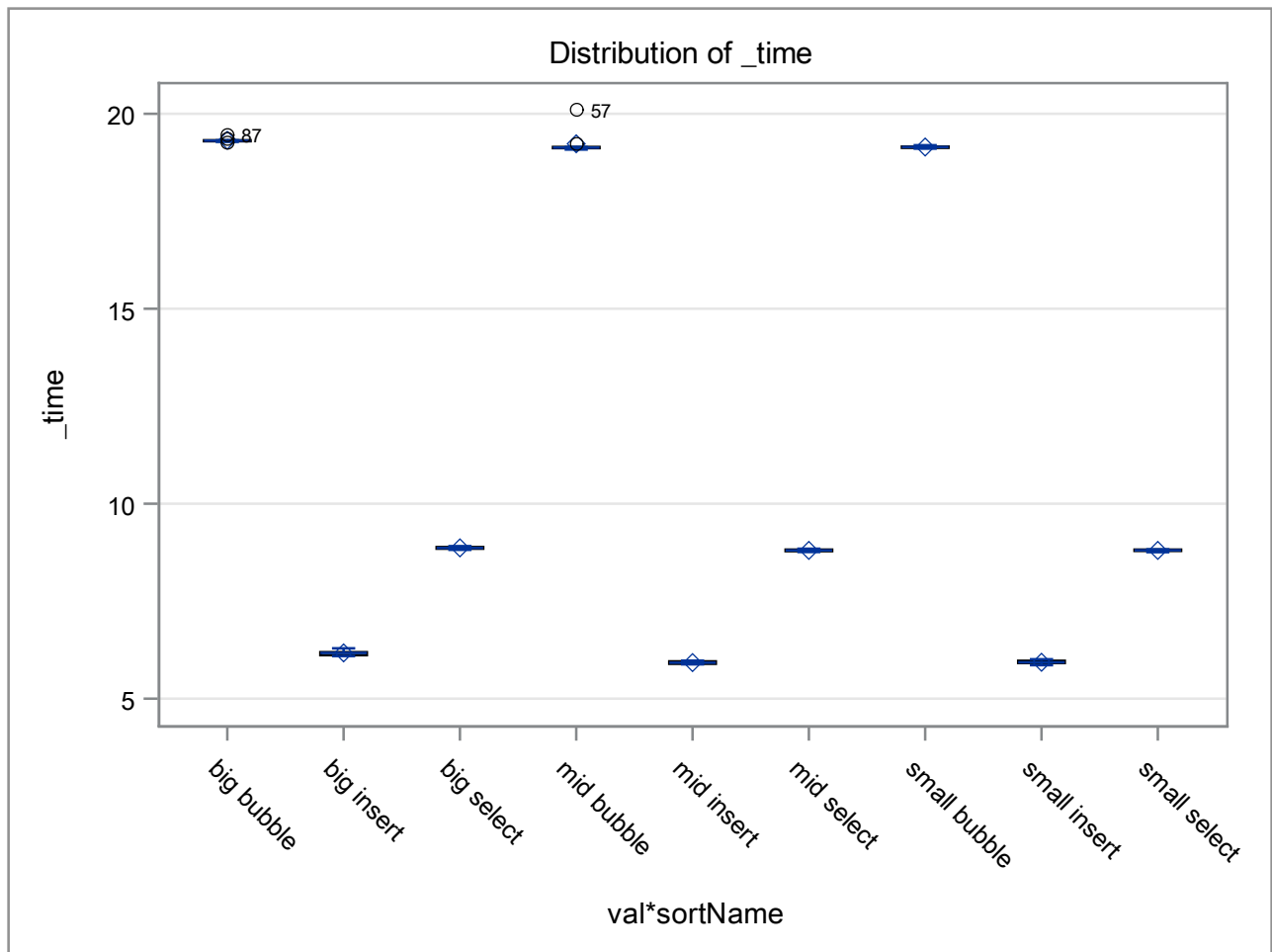
Level of val	Level of sortName	N	_time	
			Mean	Std Dev
big	bubble	10	19.3201000	0.05235021
big	insert	10	6.1743000	0.06224869
big	select	10	8.8675000	0.03028476
mid	bubble	10	19.2301000	0.30986465
mid	insert	10	5.9249000	0.03411565
mid	select	10	8.8028000	0.02473774
small	bubble	10	19.1474000	0.02729754
small	insert	10	5.9334000	0.04736900
small	select	10	8.8030000	0.02592296