

## Classification Tree

### Model Summary

Specifications	Growing Method	CRT
	Dependent Variable	price
	Independent Variables	make, fueltype, aspiration, doors, body, drive, engine_loc, wheel_base, length, width, height, weight, engine_type, cylinder, engine_size, fuel, bore, stroke, comp_ratio, horsepower, peak_rpm, city_mpg, hwy_mpg
	Validation	Split Sample
	Maximum Tree Depth	5
	Minimum Cases in Parent Node	100
	Minimum Cases in Child Node	50
Results	Independent Variables Included	No Independent Variable Included
	Number of Nodes	1
	Number of Terminal Nodes	1
	Depth	0

### Training Sample

price

Node 0	
Mean	13514.280
Std. Dev.	8086.463
n	157
%	100.0
Predicted	13514.280

## Test Sample

price

Node 0	
Mean	12111.159
Std. Dev.	7412329
n	44
%	100.0
Predicted	13514.280

### Gain Summary for Nodes

Sample	Node	N	Percent	Mean
Training	0	157	100.0%	13514.28
Test	0	44	100.0%	12111.16

Growing Method: CRT

Dependent Variable: price

### Risk

Sample	Estimate	Std. Error
Training	64974378.6	11729389.3
Test	55662680.1	15335631.7

Growing Method: CRT

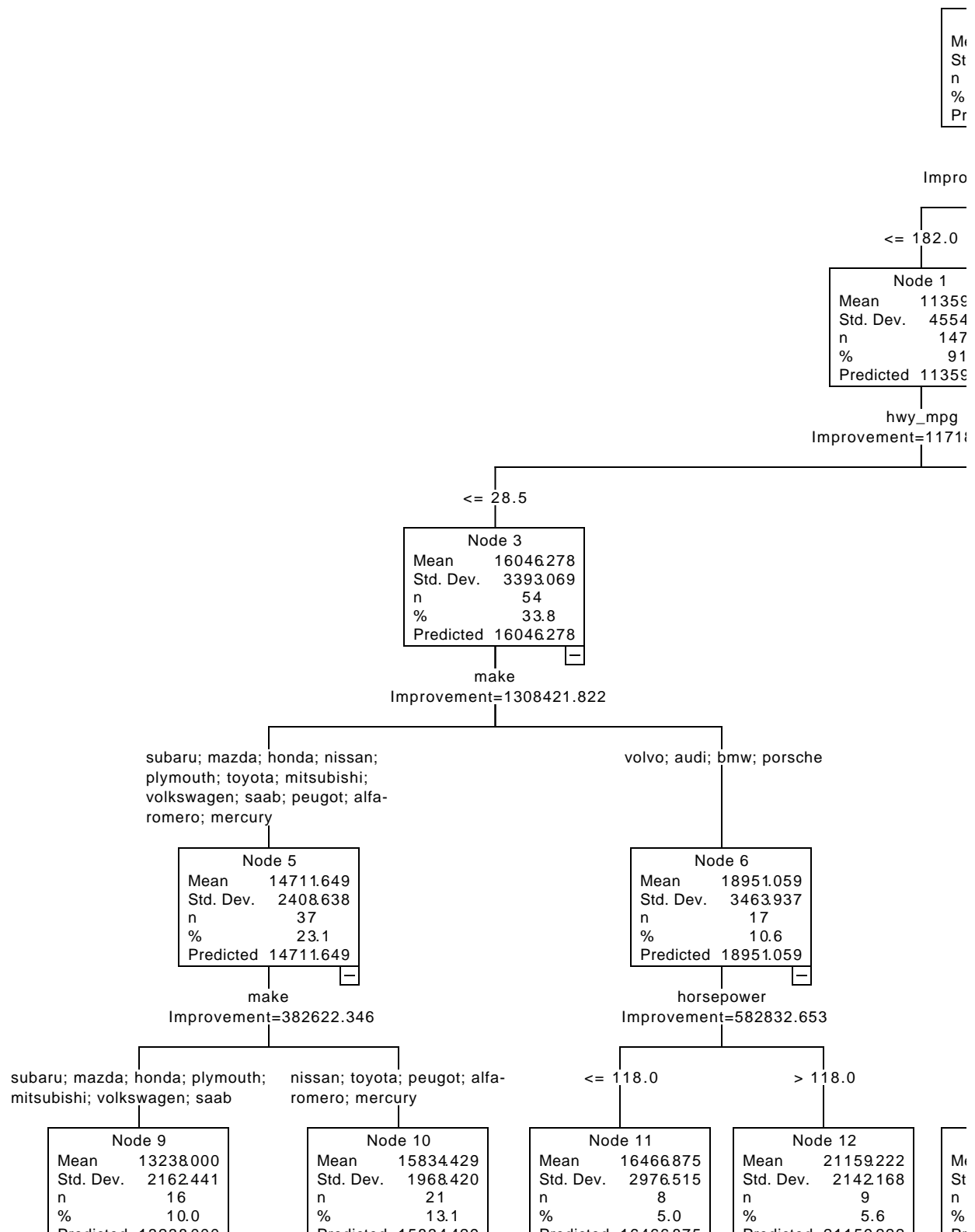
Dependent Variable: price

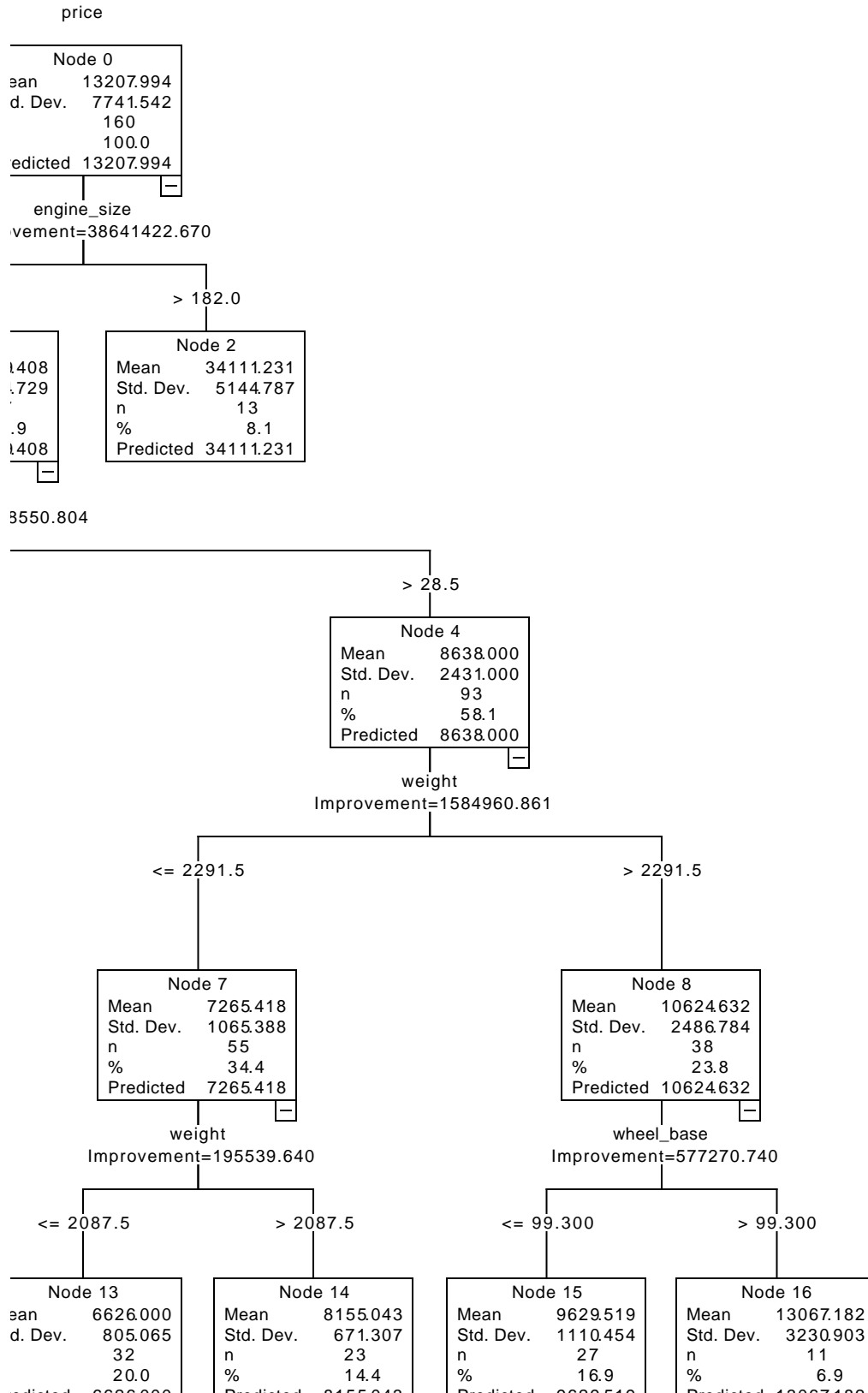
## Classification Tree

### Model Summary

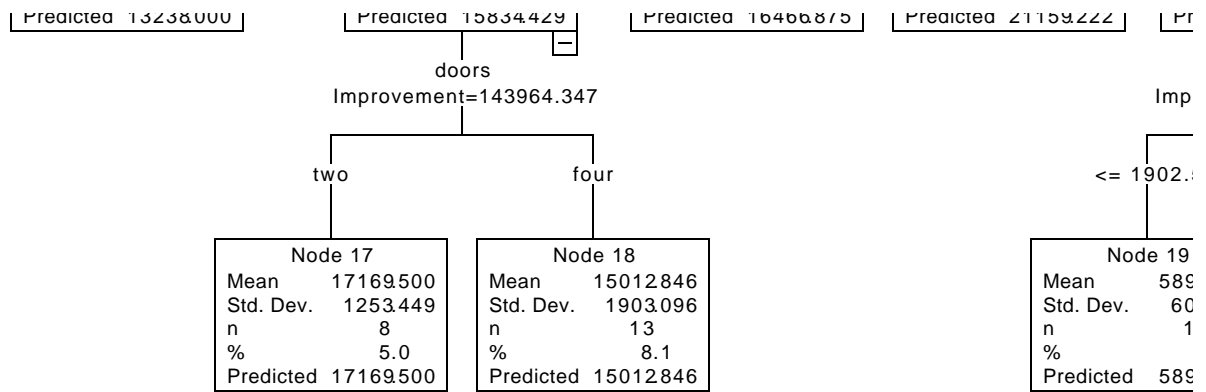
Specifications	Growing Method	CRT
	Dependent Variable	price
	Independent Variables	make, fueltype, aspiration, doors, body, drive, engine_loc, wheel_base, length, width, height, weight, engine_type, cylinder, engine_size, fuel, bore, stroke, comp_ratio, horsepower, peak_rpm, city_mpg, hwy_mpg
	Validation	Split Sample
	Maximum Tree Depth	5
	Minimum Cases in Parent Node	10
	Minimum Cases in Child Node	5
Results	Independent Variables Included	engine_size, make, weight, width, city_mpg, horsepower, hwy_mpg, cylinder, length, wheel_base, engine_loc, height, bore, stroke, drive, fuel, engine_type, comp_ratio, aspiration, body, peak_rpm, doors, fueltype
	Number of Nodes	23
	Number of Terminal Nodes	12
	Depth	5

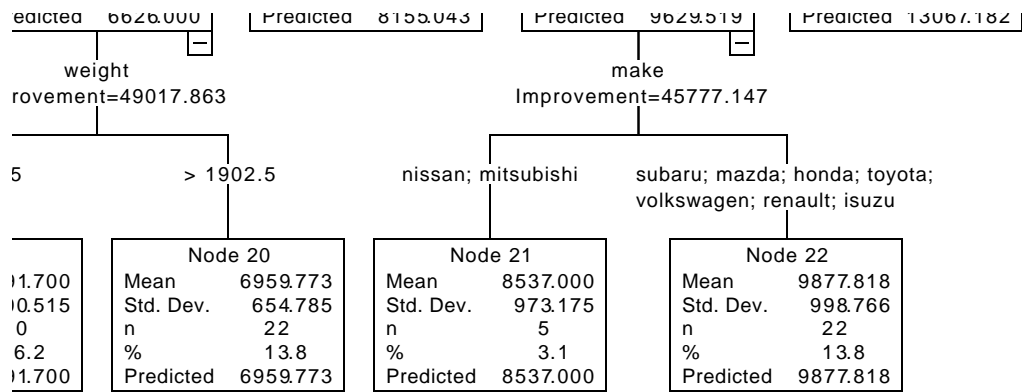
## Training Sample



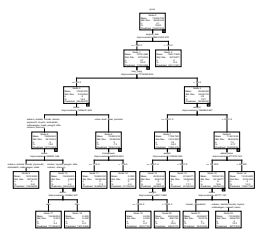








**Test Sample**



### Gain Summary for Nodes

Sample	Node	N	Percent	Mean
Training	2	13	8.1%	34111.23
	12	9	5.6%	21159.22
	17	8	5.0%	17169.50
	11	8	5.0%	16466.88
	18	13	8.1%	15012.85
	9	16	10.0%	13238.00
	16	11	6.9%	13067.18
	22	22	13.8%	9877.82
	21	5	3.1%	8537.00
	14	23	14.4%	8155.04
	20	22	13.8%	6959.77
	19	10	6.3%	5891.70
Test	2	4	9.8%	35517.25
	12	0	0.0%	.00
	17	1	2.4%	13495.00
	11	3	7.3%	19463.33
	18	0	0.0%	.00
	9	4	9.8%	16193.50
	16	5	12.2%	13143.40
	22	5	12.2%	11029.20
	21	3	7.3%	9335.67
	14	7	17.1%	8124.57
	20	9	22.0%	6320.44
	19	0	0.0%	.00

Growing Method: CRT  
Dependent Variable: price

### Risk

Sample	Estimate	Std. Error
Training	4326521.83	1033275.05
Test	9197582.43	2274961.27

Growing Method: CRT  
Dependent Variable: price