

- **Question:** Which vehicle has the best fuel economy?
- **Data Collection:** The following data are fuel economy (in miles per gallon) measurements for four diesel-engine vehicles. All four vehicles are tested under controlled conditions using a dynamometer to control speed and load levels. The thirty two measurements are performed in a completely random order.
- **Data:**

	Mercedes	Oldsmobile	Peugeot	Volkswagen
	23.8	18.6	23.9	40.1
	24.7	18.9	23.3	40.1
	25.1	19.2	24.1	40.5
	24.7	19.2	23.3	40.4
	24.5	19.3	24.0	40.9
	24.8	19.7	24.7	41.8
	25.0	19.7	25.0	42.0
	25.0	19.8	25.3	43.0
Y_i	24.7	19.3	24.2	41.1
s_i	0.414	0.421	0.743	1.056

- **Plot**

Fuel economy for four diesel-engine vehicles

