ME 491 Design Competition Results

Gerald Recktenwald Portland State University ME 492 – January 2018

ME 491 Design Competition Scoring

Points	Category
20	Time to complete
20	Accuracy of landing
15	Total cost of BOM
15	Automation
15	Mass of device
15	Judges score
100	Total

Total scores for completed runs

Orcas(1)

Quails(1)

Quails(2)

Orcas(2)

Coyotes

Nighthawks

Widgeon

Wolves(1)

Wolves(2)

Pheasants(1)

Rocketmen

Kingfishers

Flashbacks

Plovers

Puma

Lynx

Minks

Gophers(1)

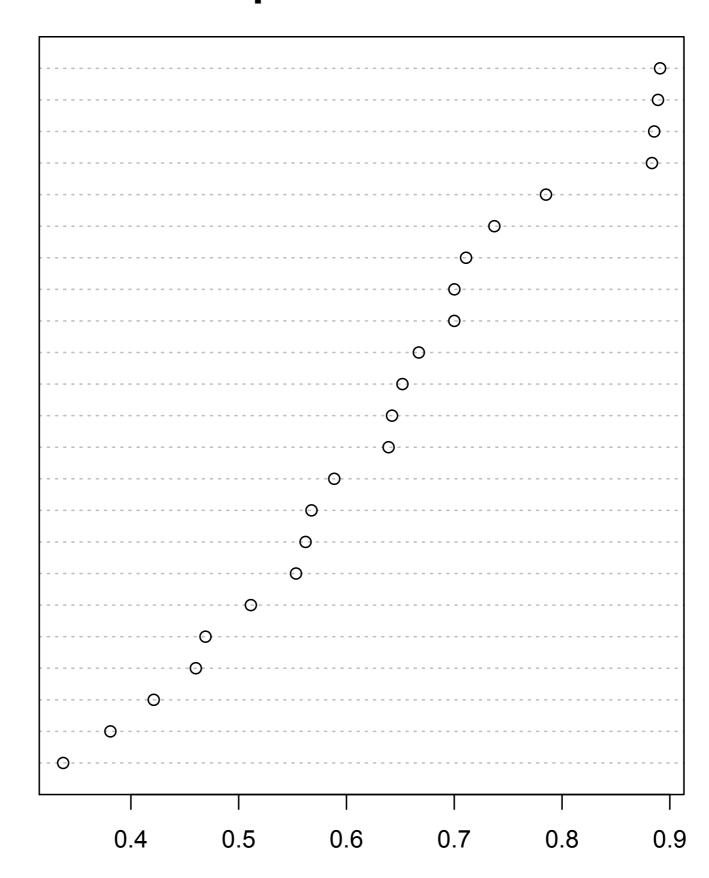
Pheasants(2)

Engine 503

Bison(2)

Bison(1)

Gophers(2)



Total scores for completed runs

Orcas(1)

Quails(1)

Quails(2)

Orcas(2)

Coyotes

Nighthawks

Widgeon

Wolves(1)

Wolves(2)

Pheasants(1)

Rocketmen

Kingfishers

Flashbacks

Plovers

Puma

Lynx

Minks

Gophers(1)

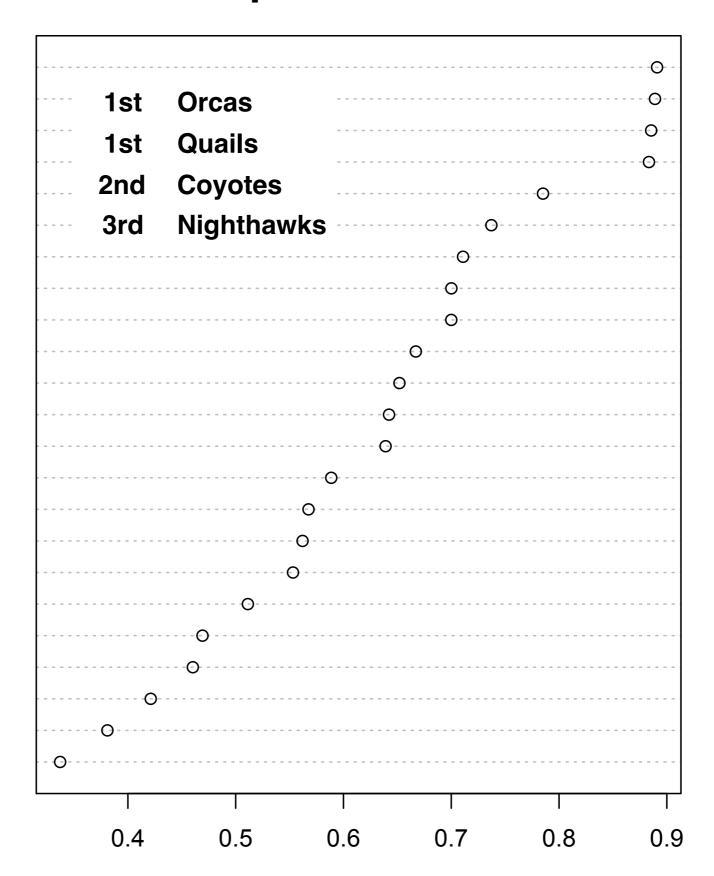
Pheasants(2)

Engine 503

Bison(2)

Bison(1)

Gophers(2)



Mass of device (kg)

Orcas

Orcas

Widgeon

Engine 503

Quails

Quails

Bison

Bison

Rocketmen

Kingfishers

Flashbacks

Wolves

Wolves

Minks

Plovers

Nighthawks

Coyotes

Gophers

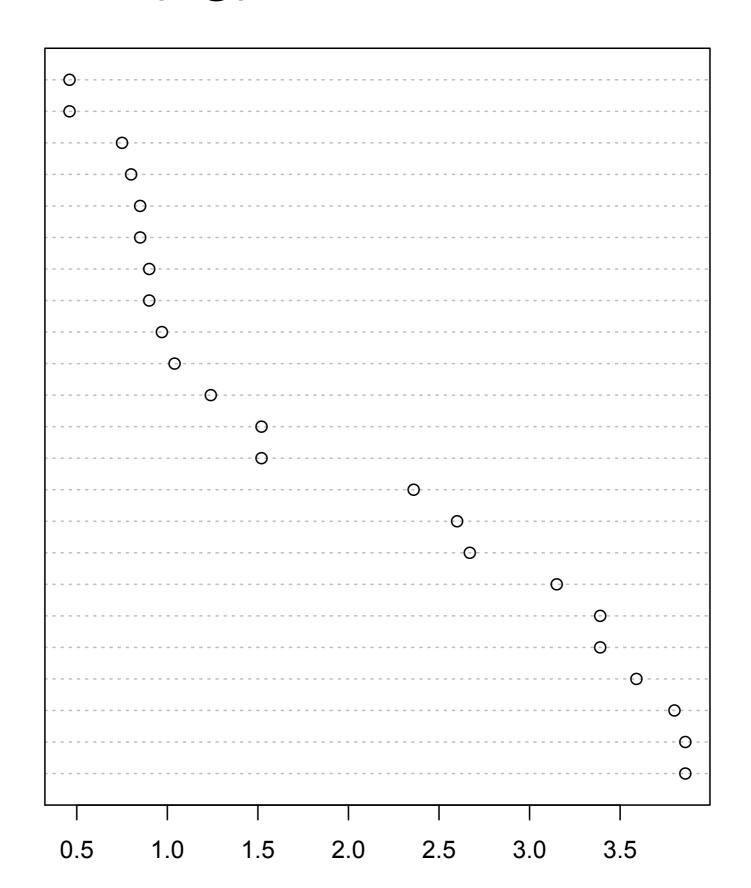
Gophers

Lynx

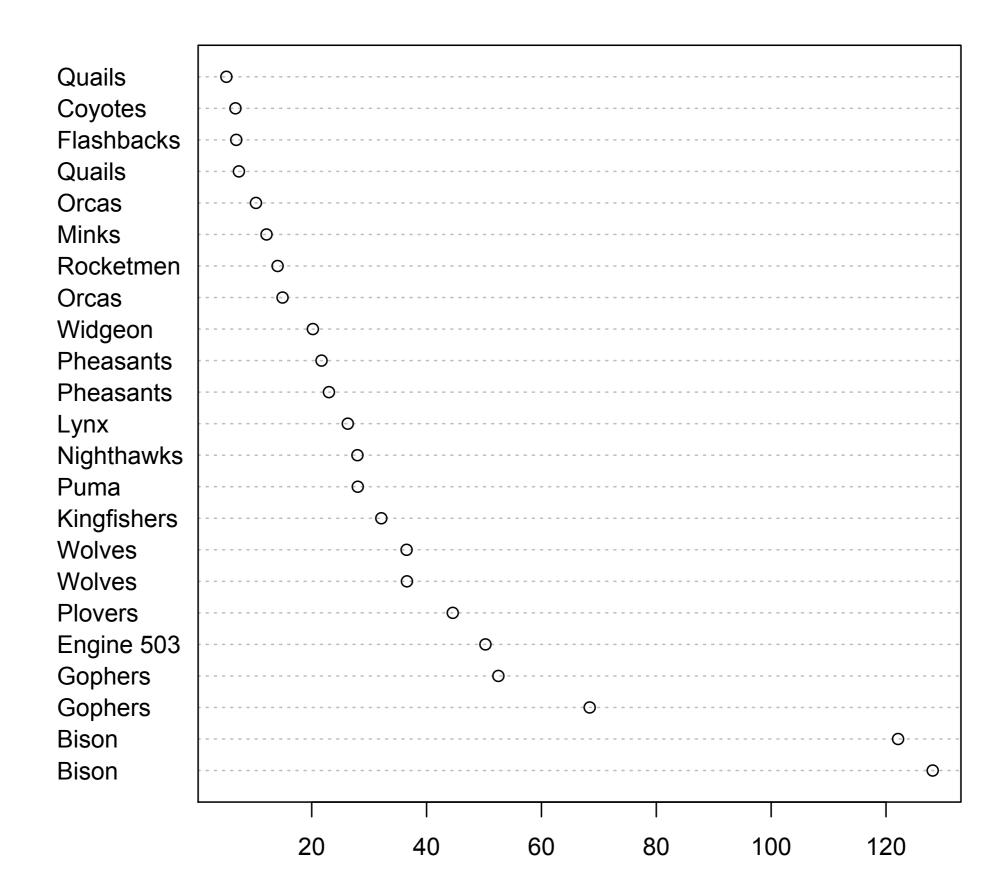
Puma

Pheasants

Pheasants



Time to rescue (s)



Judges score – higher is better

Wolves Wolves **Pheasants Pheasants** Kingfishers Lynx Orcas Orcas **Nighthawks** Coyotes **Plovers** Gophers Gophers Rocketmen Quails Quails Flashbacks Widgeon Puma **Bison Bison** Minks Engine 503

