

* Issue: seat selling
fleet selection > Both trivial!
→ No dynamics
between them.

* Idea: need something to penalize seat selling?!
(somehow related to fleet selection)
→ In some cases, the smaller fleet should be
able to be chosen over the bigger ones.

⇒ Over-booking

- bump up one class (No extra charge)
- bump penalty (the price diff.)

If biz seats overflow

- refuse boarding
- deny penalty
(fixed amount or fixed ratio of the ticket)

Meaning? (making some dynamics between
seat revenue and fleet assignment.

→ bump penalty **vs.** fleet operating cost

Objective function

Max (Revenue - Cost - bump penalty)
 ↓ ↑
 No change! addition

One problem doing this is

we better drop the weighed sum method

as it doesn't give us meaningful results.