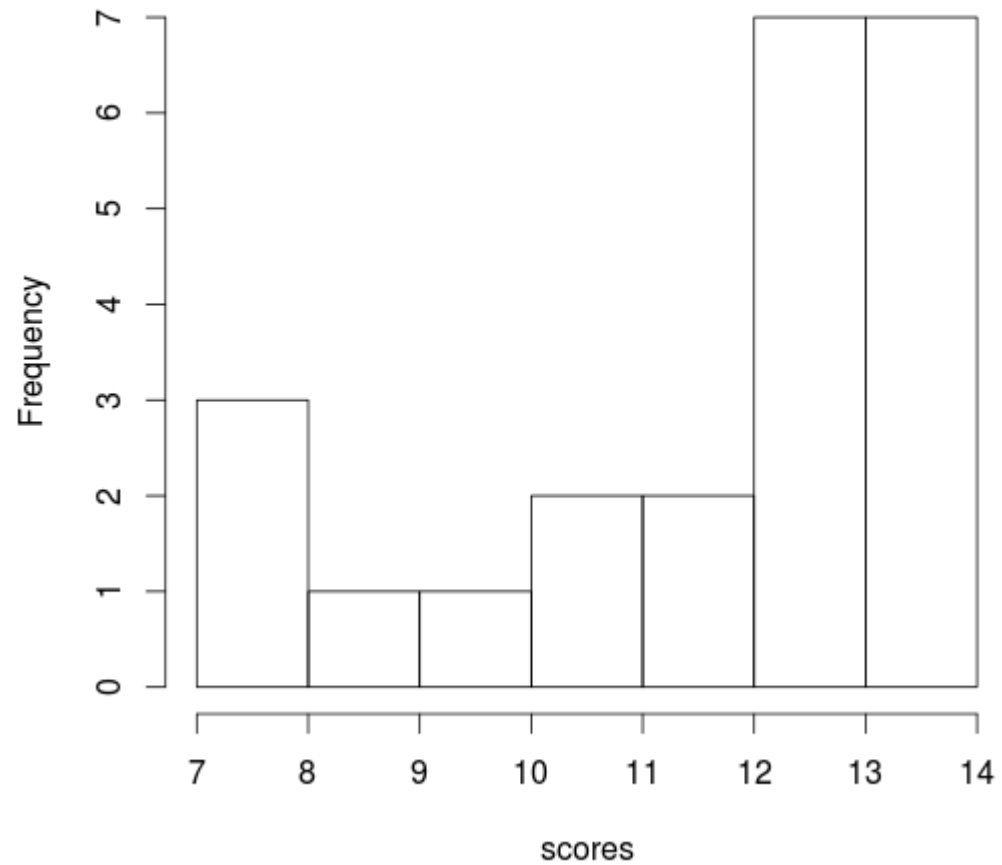# Assignment Results

PAH (Planning and Games)
Michal Štolba

michal.stolba@agents.fel.cvut.cz

Results

Histogram of scores

Solution - Costs

- How to use different costs in problems?

  - Use one function e.g. `(cost ?from ?to)`

    - set different values (distance*money or distance*time)

  - Use a global predicate `(time)` or `(money)`

    - Use in precondition of actions

  - Use constant `time money – metric`

    - Function `(cost ?from ?to ?metric)`

Solution - Complex

- How to model numeric fluents in STRIPS?
  - Define successor relation
    - `(succ ?prev ?next)`
  - Increase
    ```
    (:action increase

        :parameters ?prev ?next

        :precondition (and (holds ?prev) (succ ?prev ?next))

        :effect (and (not(holds ?prev)) (holds ?next))

    )
    ```