

Discrete Optimization

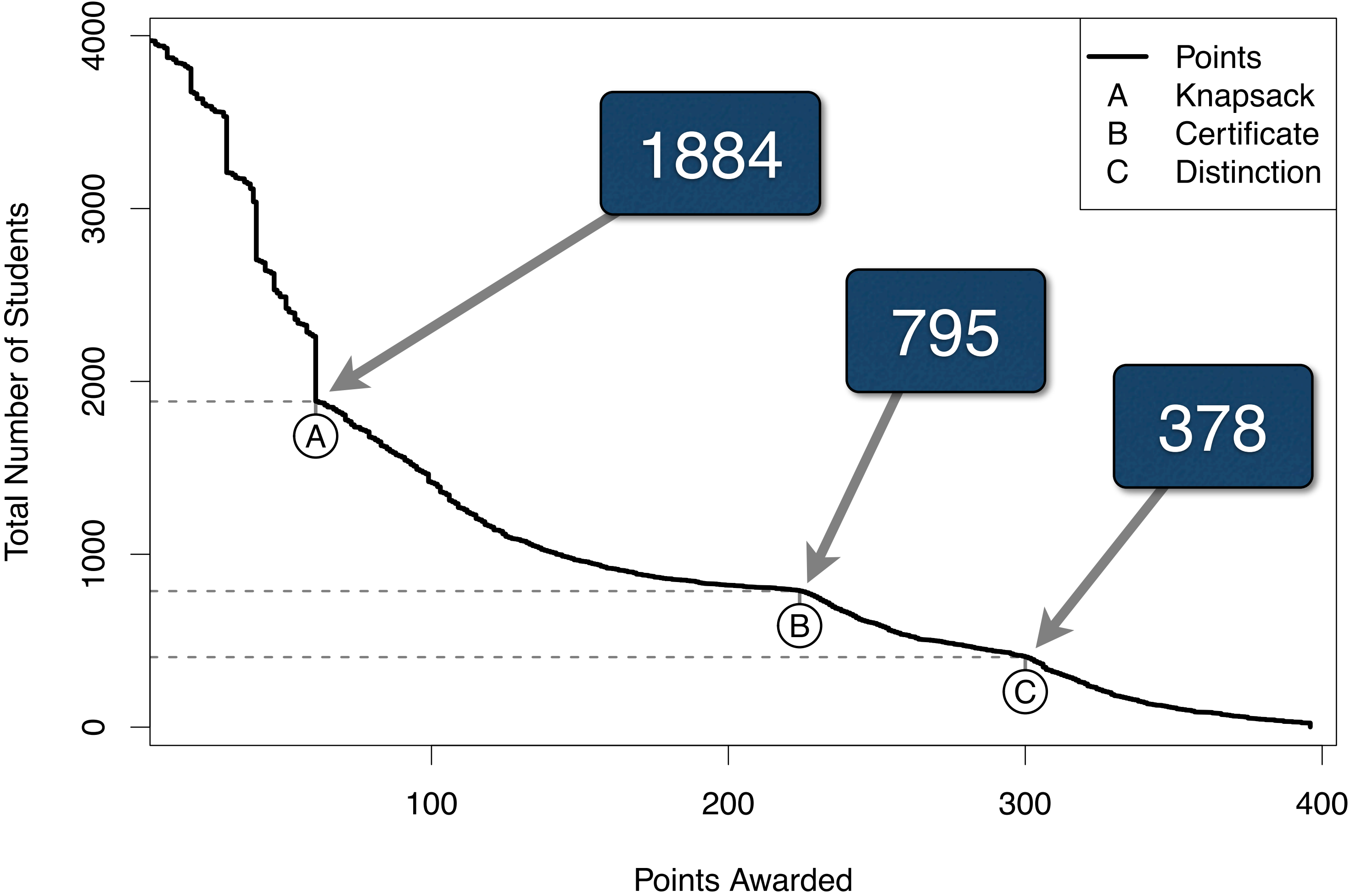
Mail Bag - Week 9 (Final)

Overview

- ▶ Data Sources
 - submission logs
 - post-course survey
- ▶ Assignments
 - Points, Submissions, Difficulty
- ▶ Optimization Topics
 - Intro, CP, LS, MIP
- ▶ Student Body

Certificates

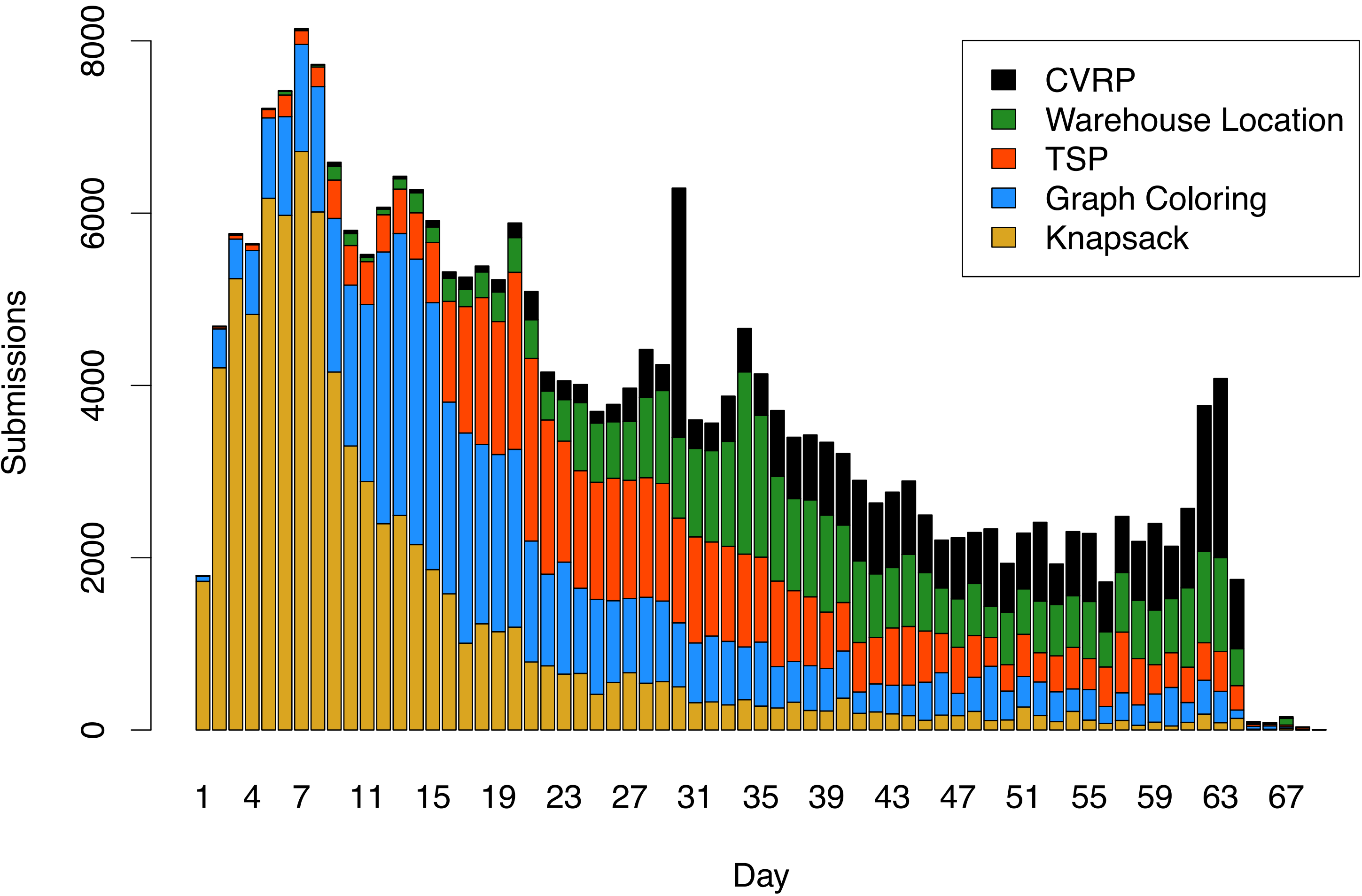
Cumulative graduates over 15 years, **450**.



Participation per Assignment

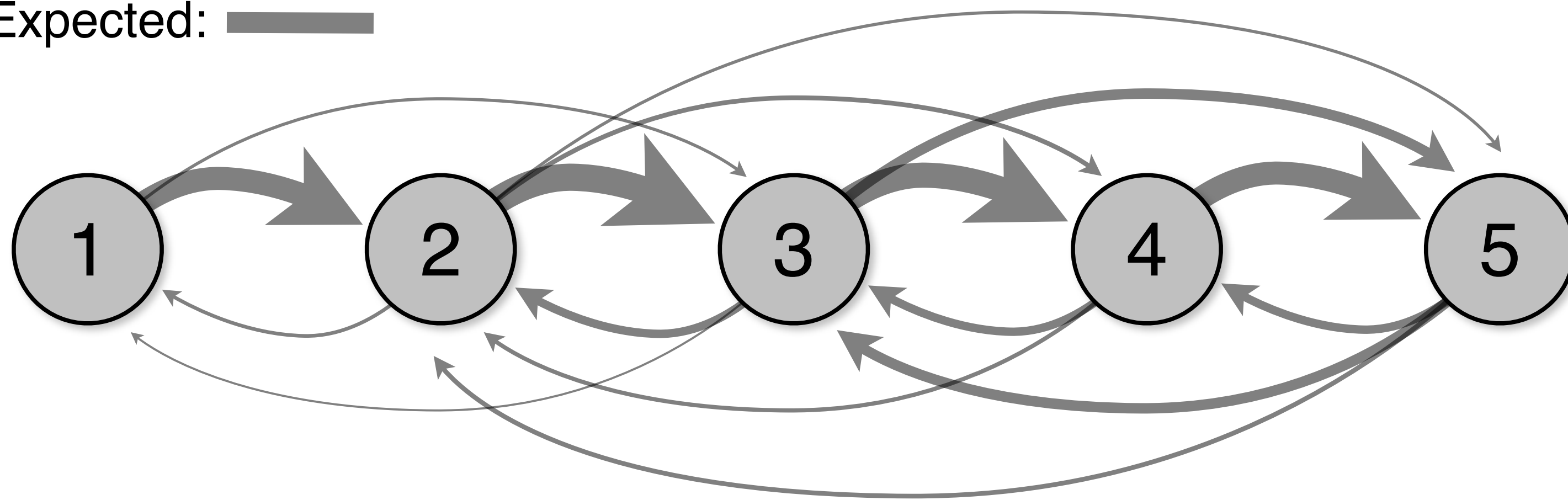
	Max per Problem	Min per Problem
Screen Name	6,593	
Knapsack	4,082	3,386
Graph Coloring	1,995	1,831
TSP	1,357	1,197
Warehouse Location	960	920
VRP	847	838
Puzzle Challenge	734	494

Submissions Over Time per Assignment



Assignment Transitions

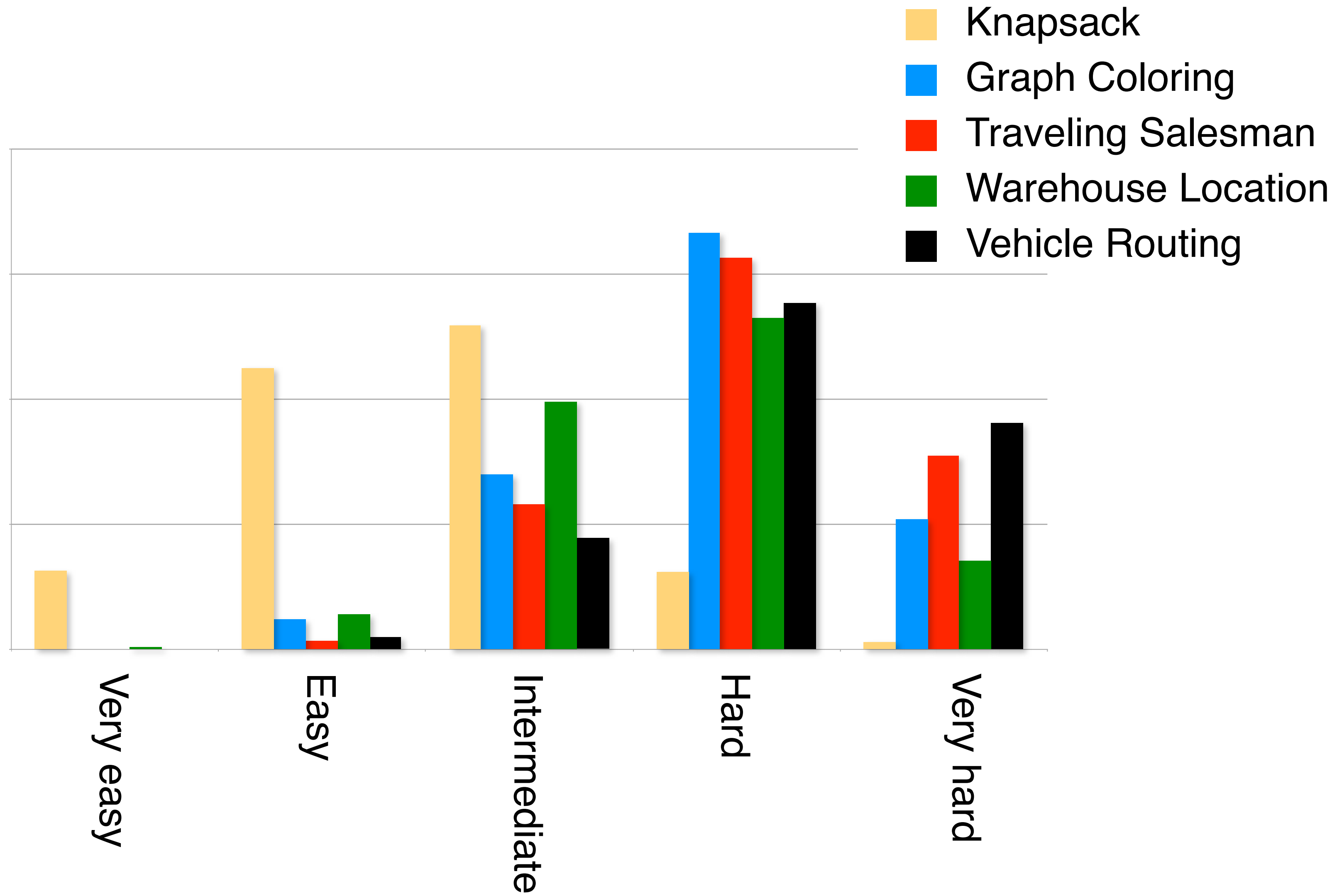
Expected: 



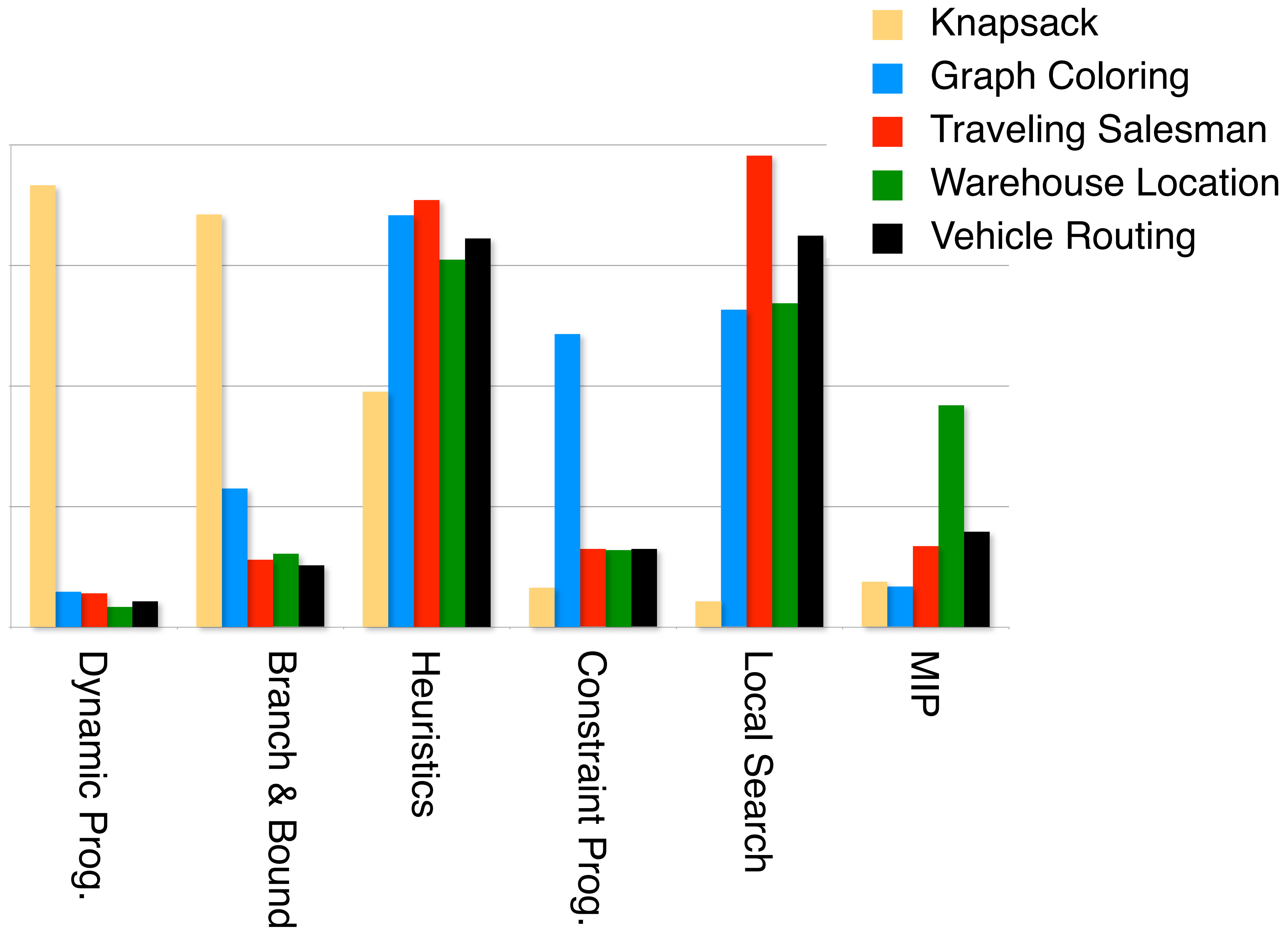
814 students tried all 5 assignments

Note: 795 certificates

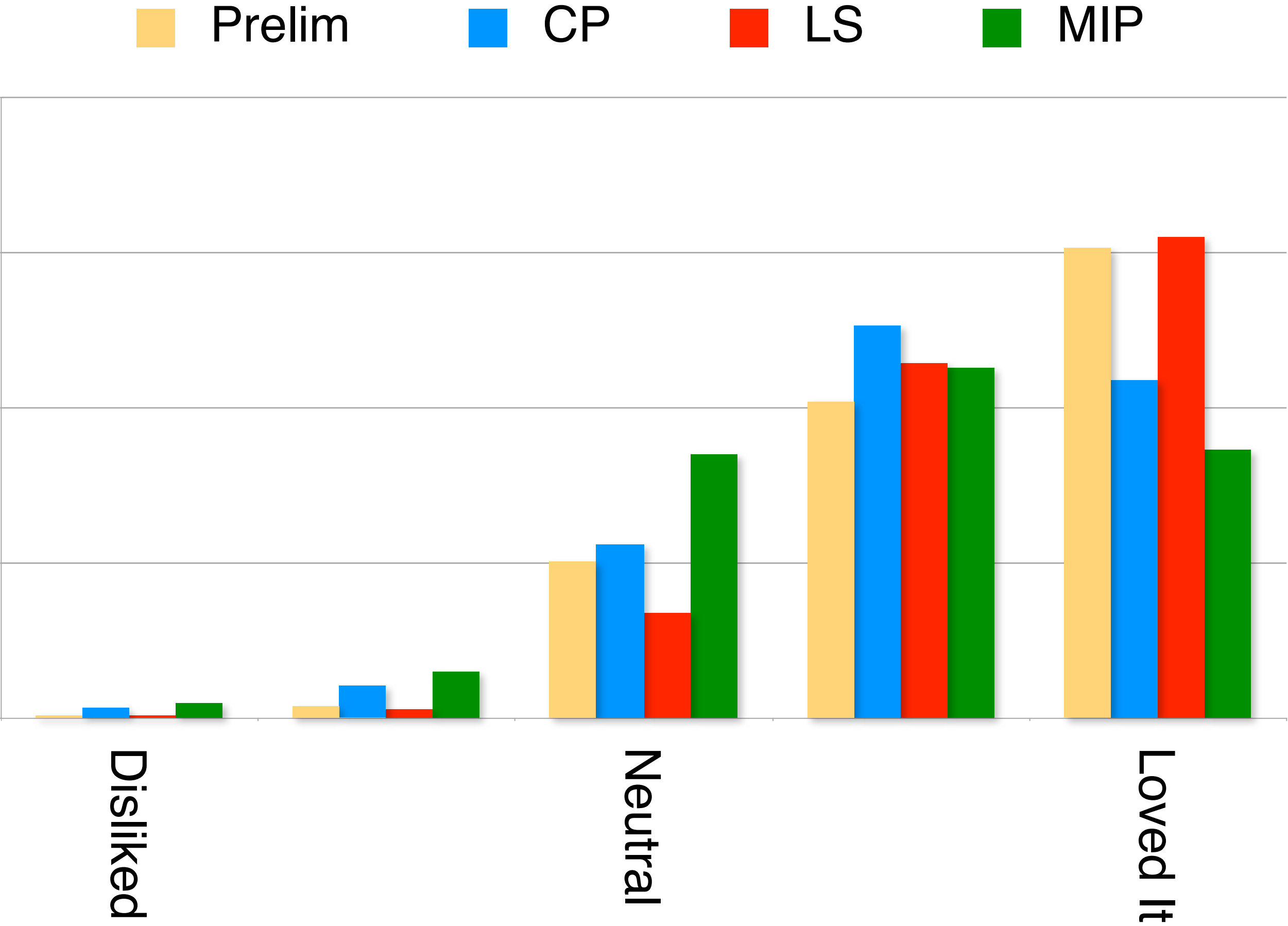
Assignment Difficulty



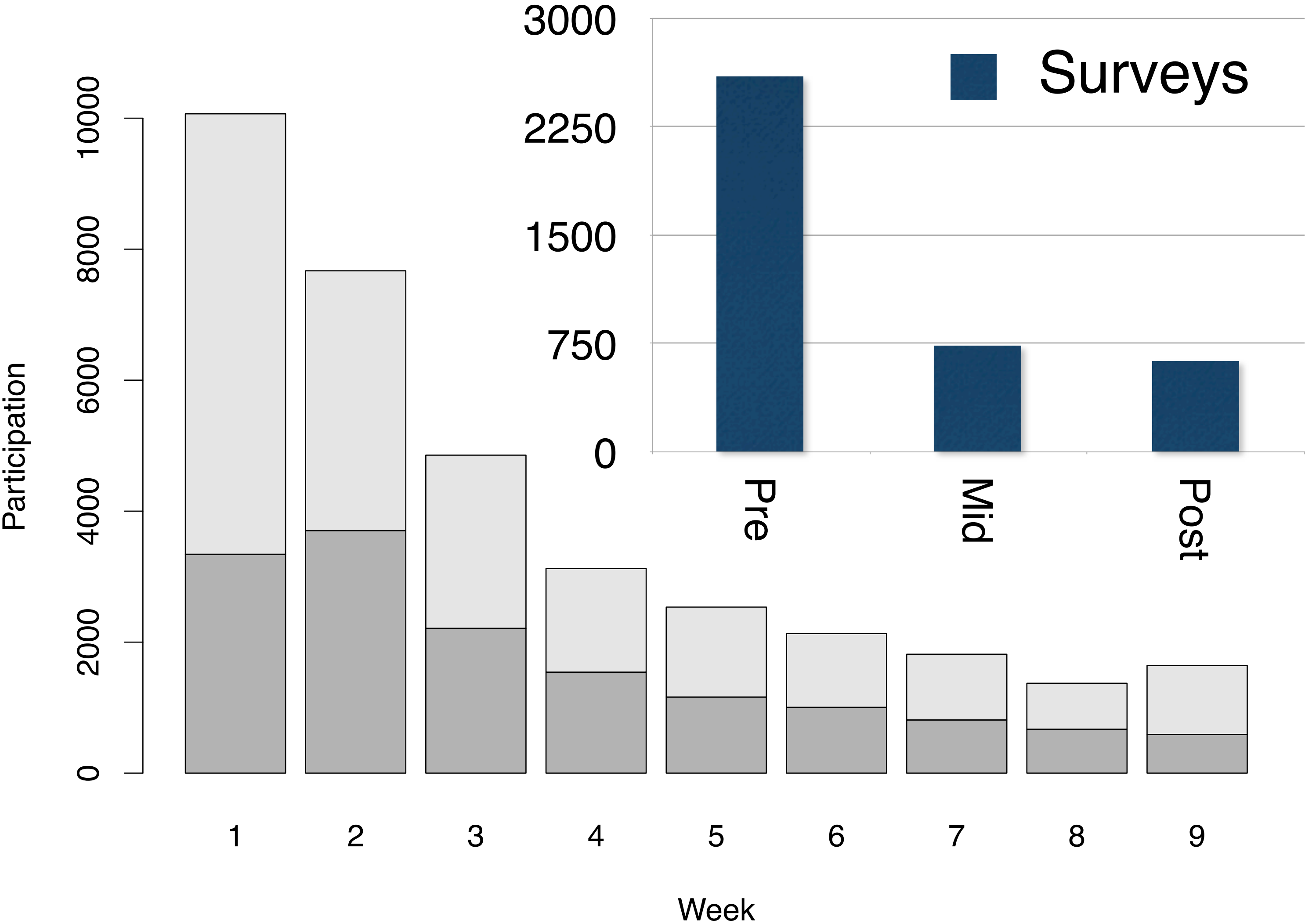
Assignment Techniques



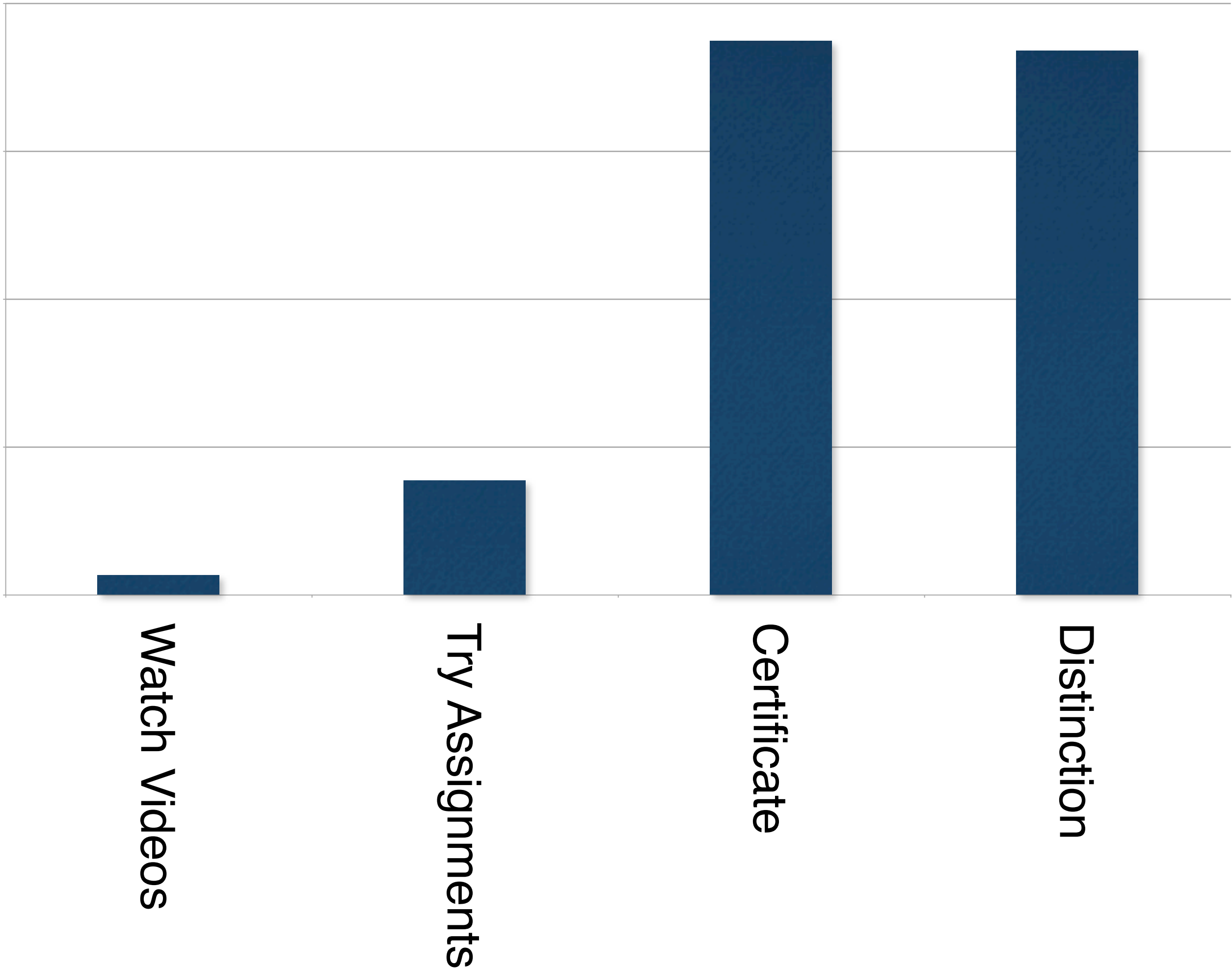
Optimization Topics



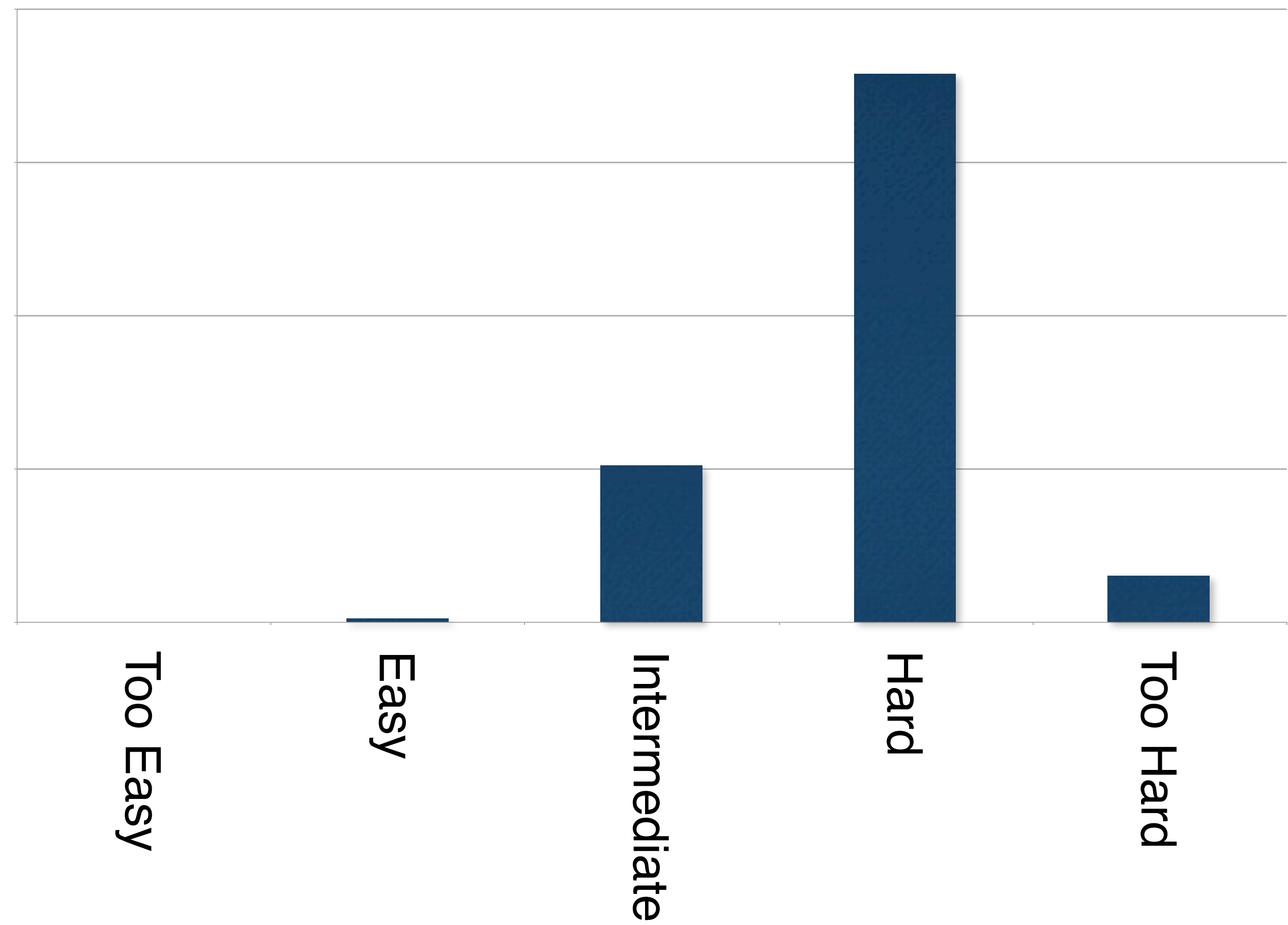
Participation Over Time



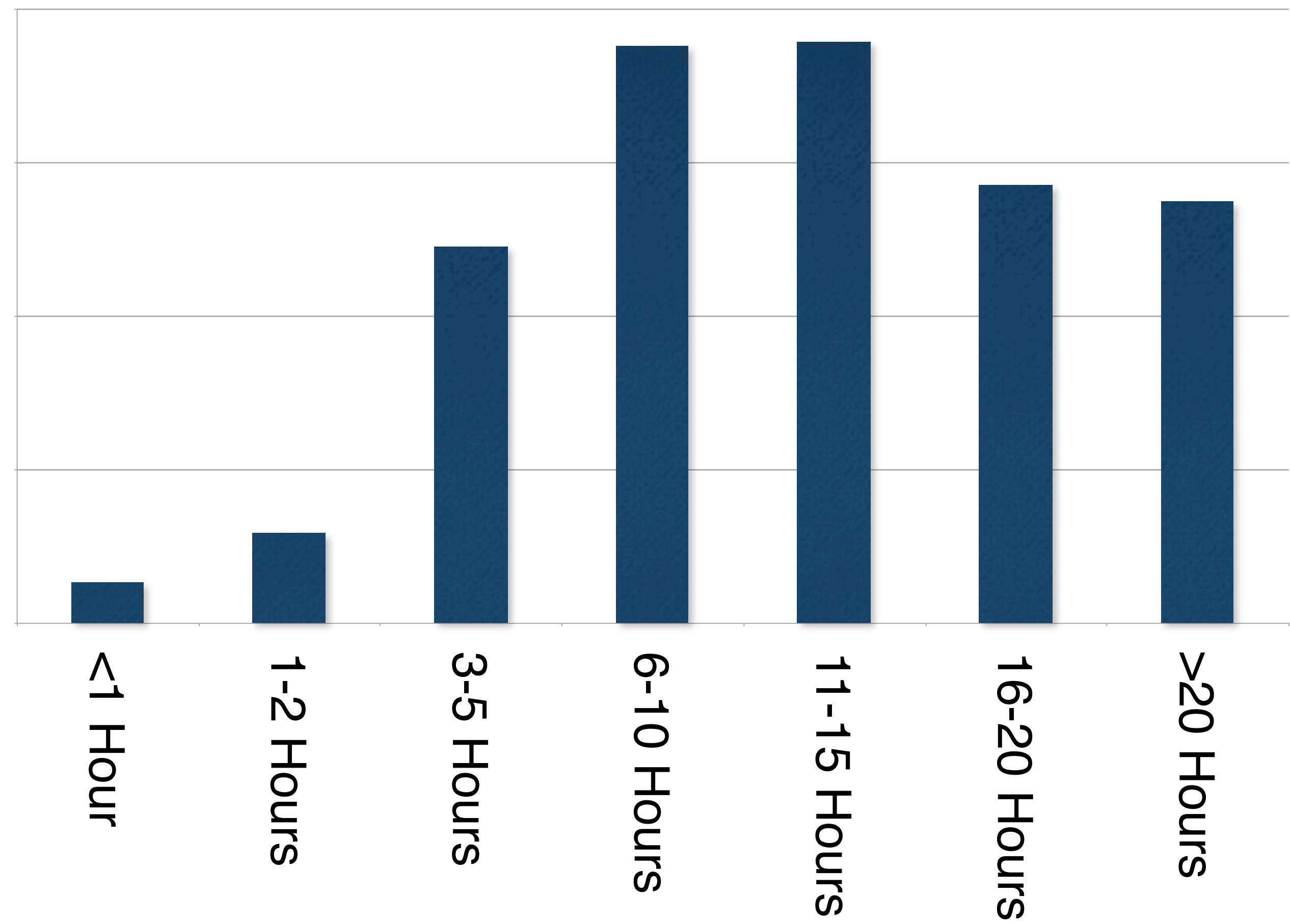
Your Goal



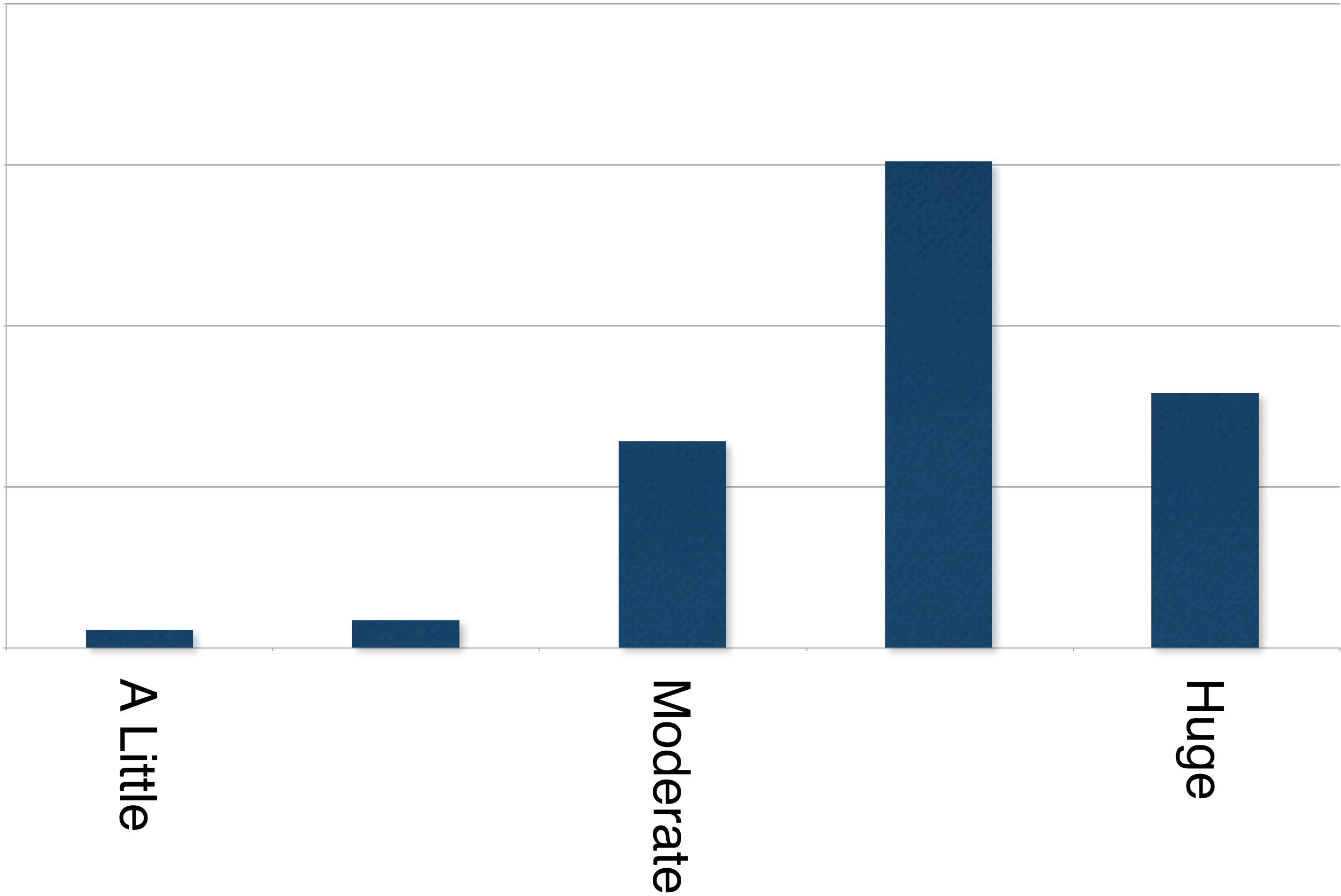
Class Overall Difficulty



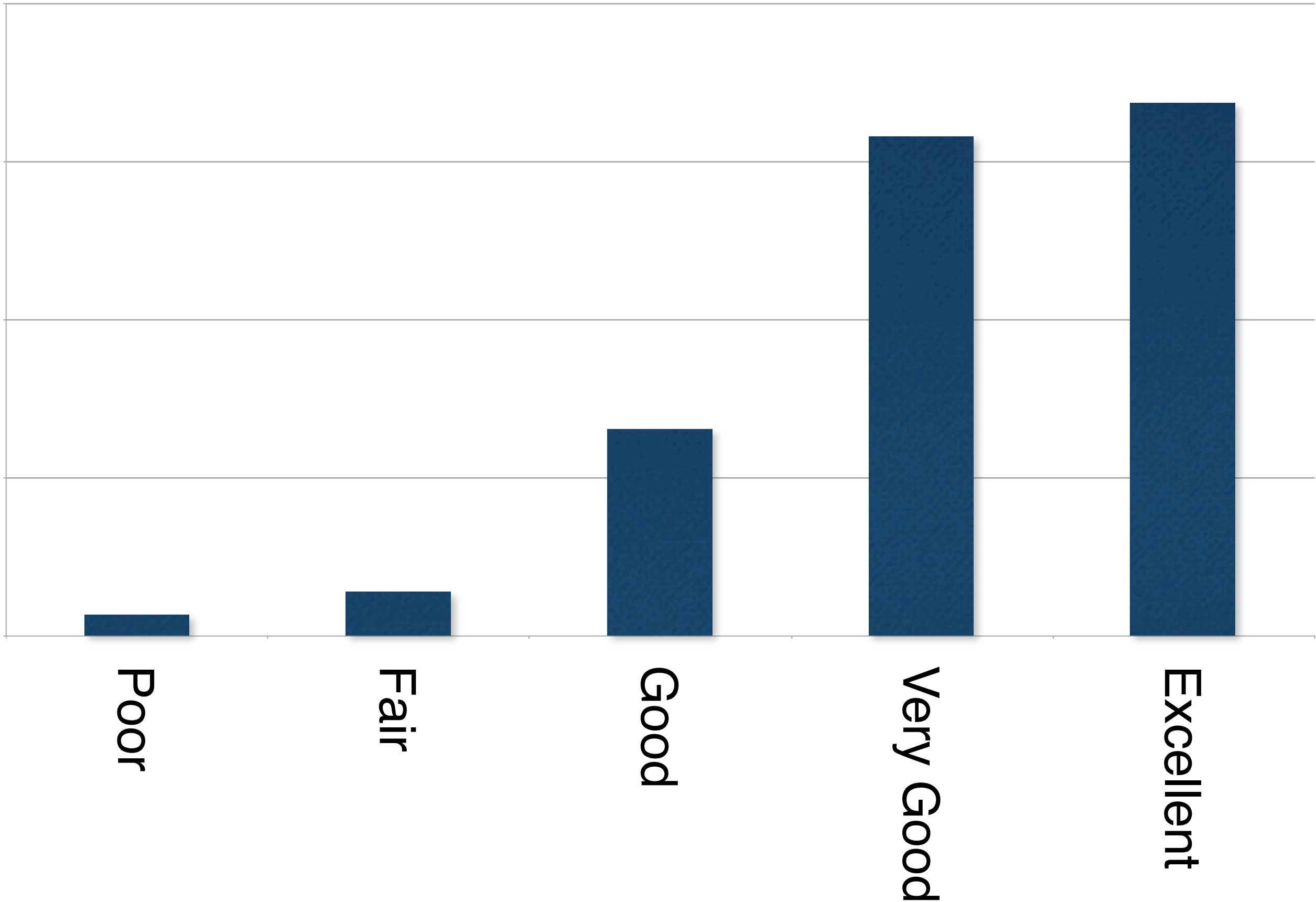
Your Weekly Workload



Your Amount of Learning

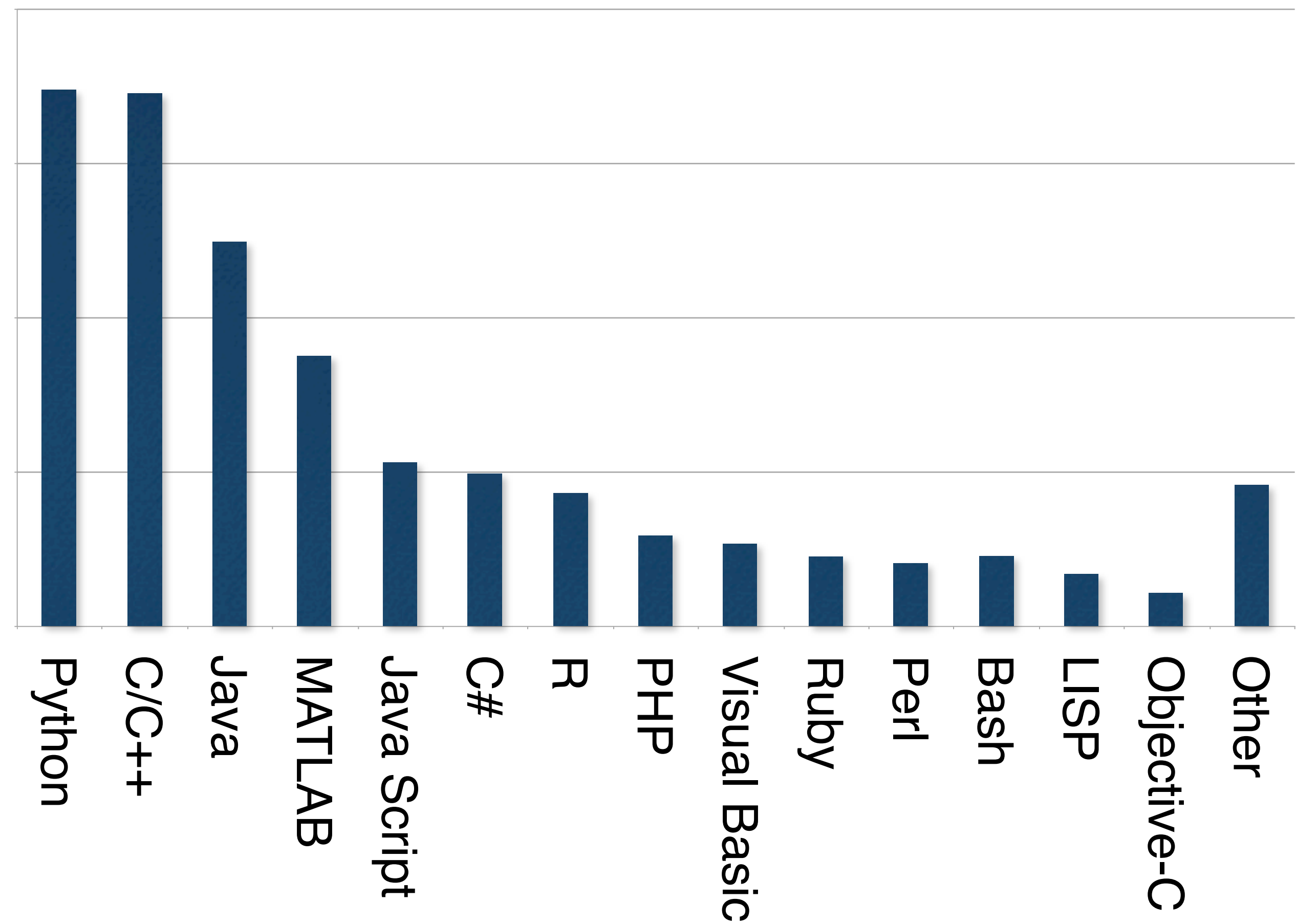


Your Overall Experience



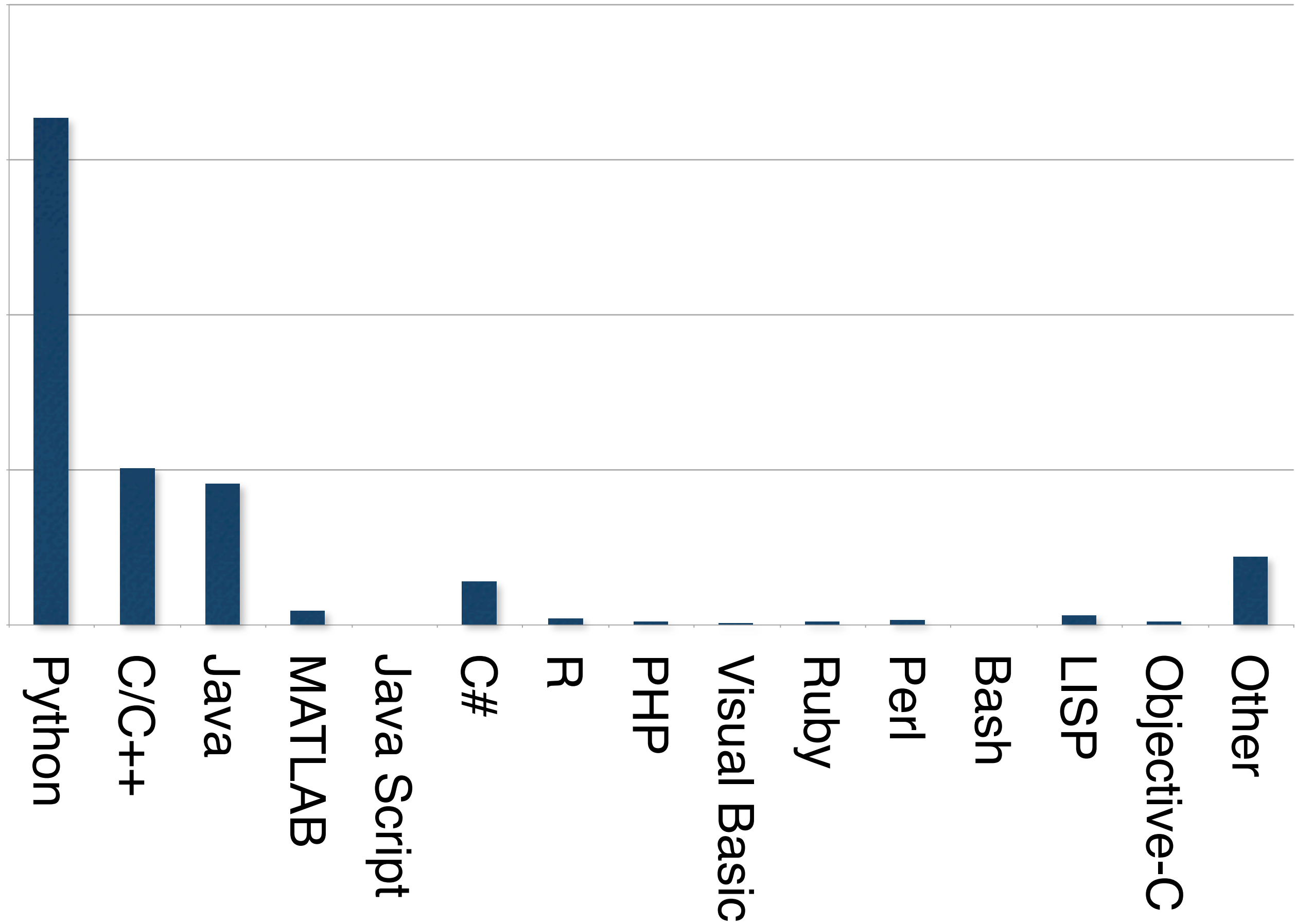
Programming Language Experience

(Pre-Course Survey)

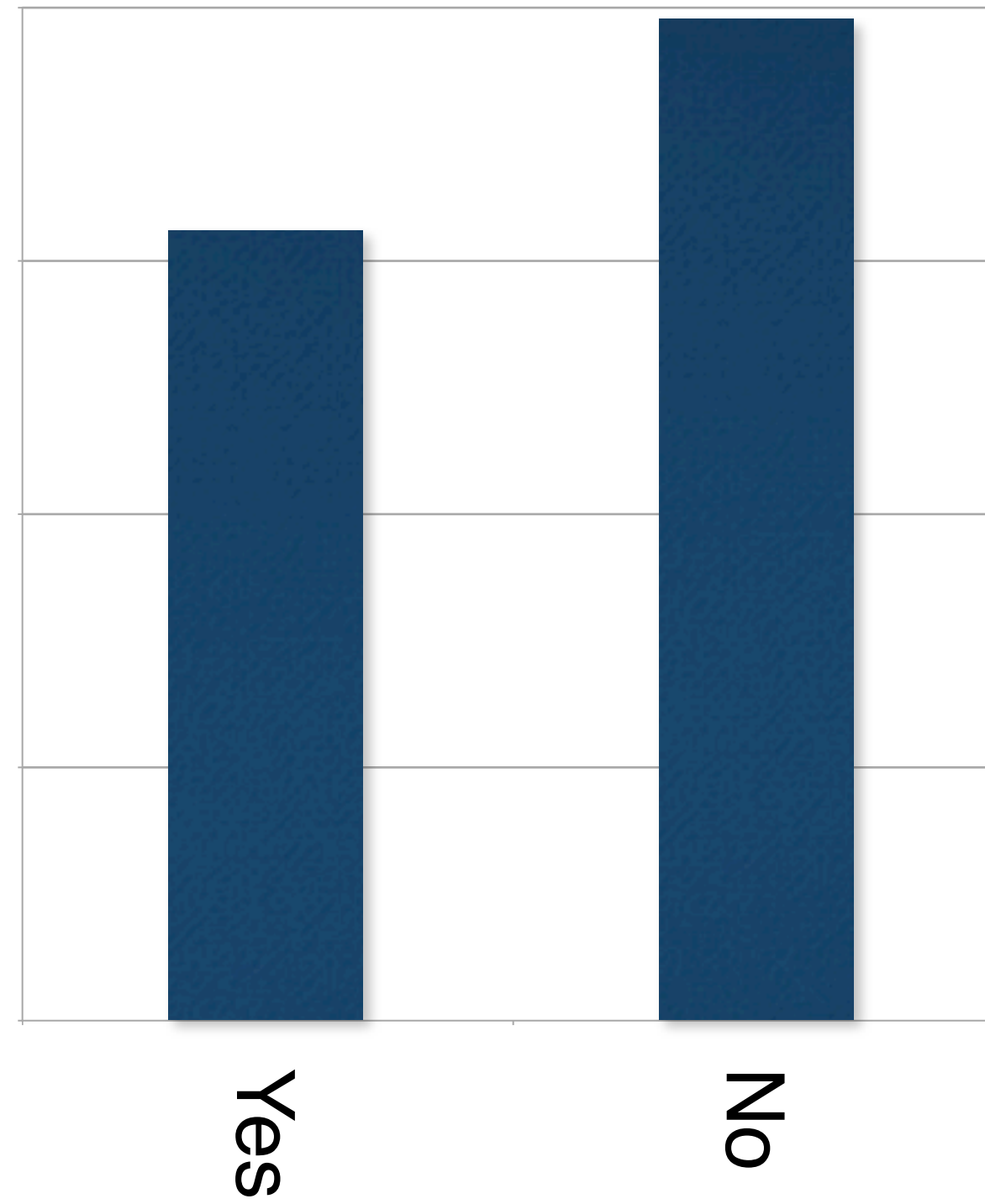


Programming Language Used

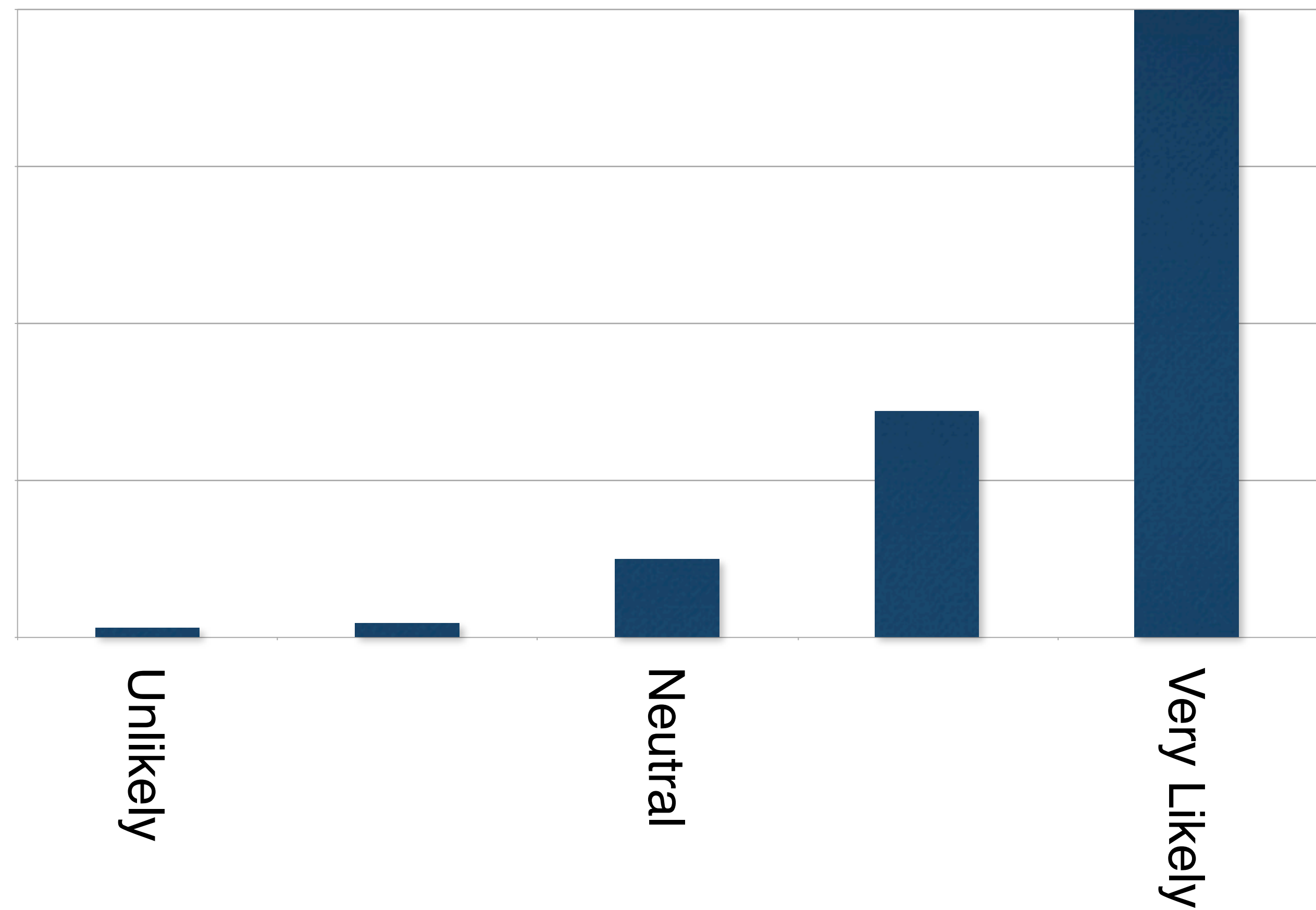
This one is for you Maciej



Use of General Purpose Solvers



Would You Recommend this Course?



Thank You

- Hope to see you at the next session in March 2014!

