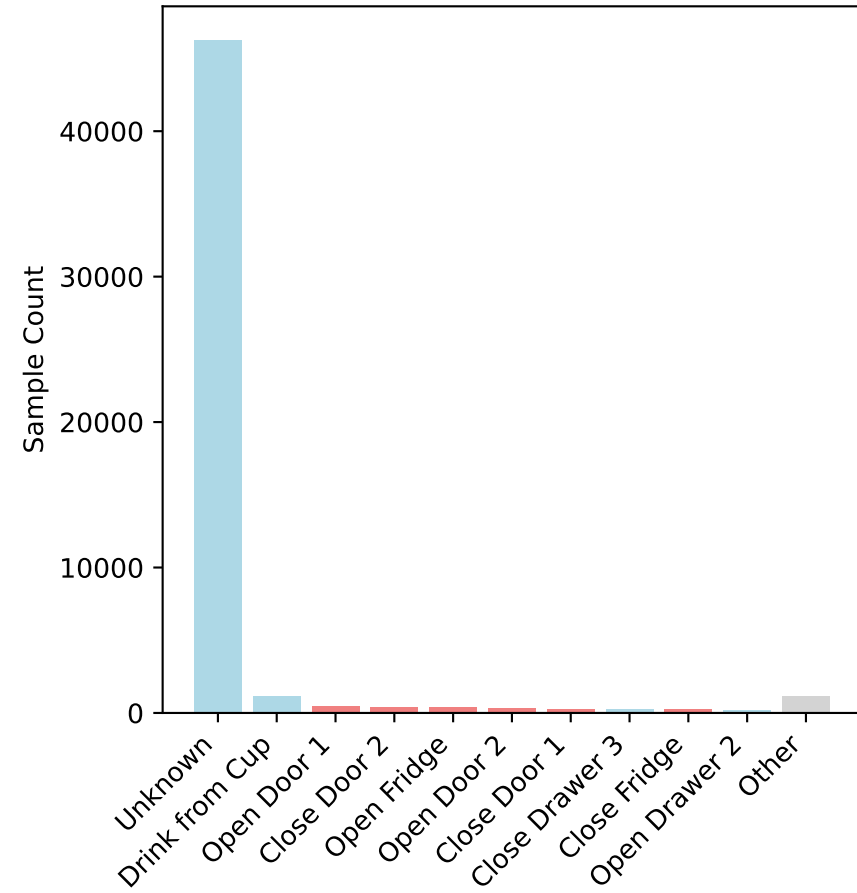
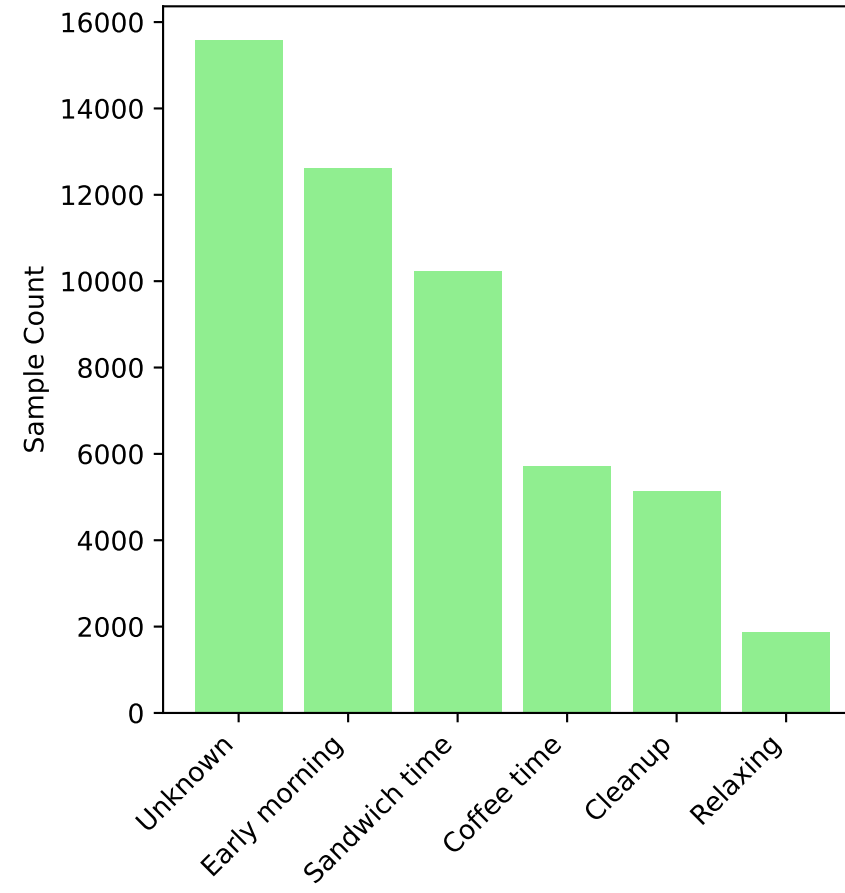


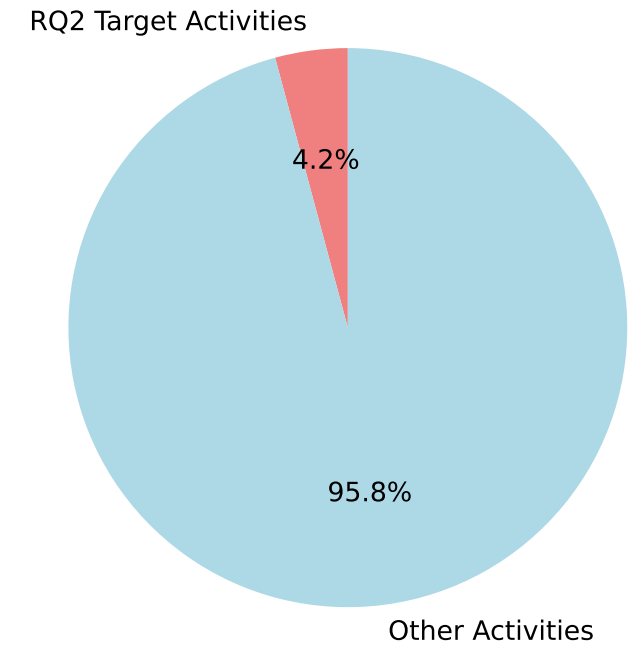
Opportunity: ML_Both_Arms Activities
(Red = RQ2 Target Activities)



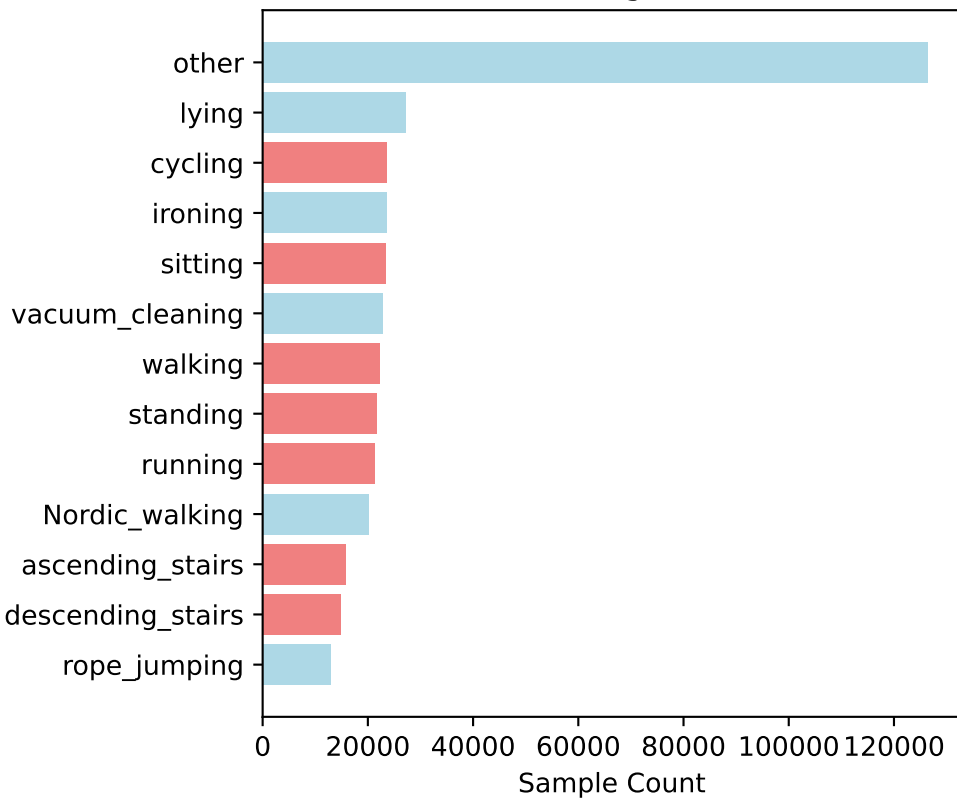
Opportunity: High-Level Activities



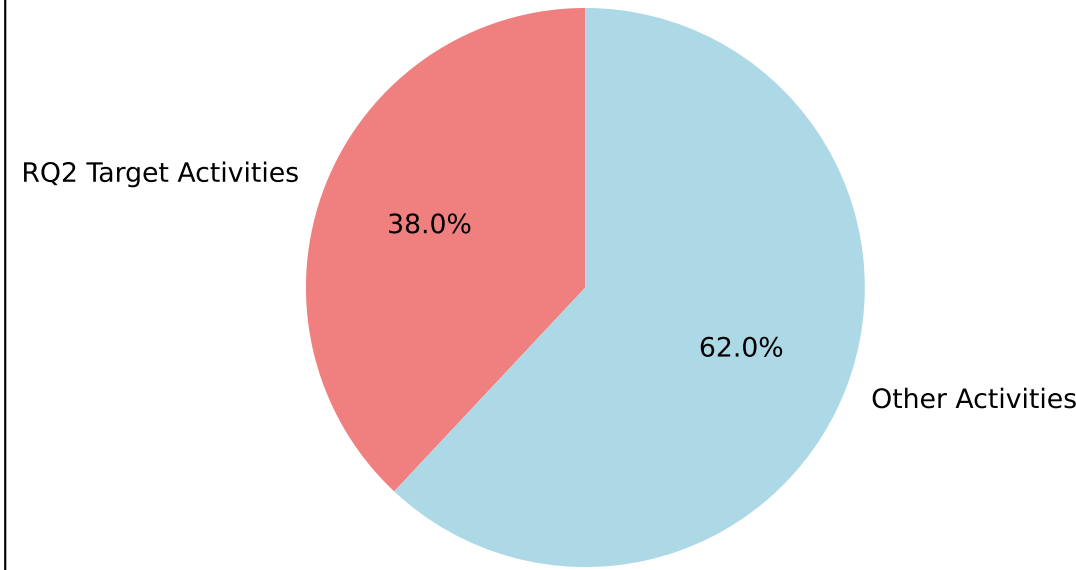
Opportunity Dataset Coverage
(Total: 51,116 samples)



PAMAP2: All Activities
(Red = RQ2 Target Activities)



PAMAP2 Dataset Coverage
(Total: 376,417 samples)



Dataset Coverage Summary

Opportunity Dataset:

- Total samples: 51,116
- Target activities: 7 found
- Coverage: 4.2% (2,142 samples)
- Unique ML activities: 18
- Unique HL activities: 6

PAMAP2 Dataset:

- Total samples: 376,417
- Target activities: 7 found
- Coverage: 38.0% (143,079 samples)
- Unique activities: 13

RQ2 Experiment Impact:

- Using only target activities reduces data by:
 - * Opportunity: 95.8%
 - * PAMAP2: 62.0%