HW 3: due 11/09

Submit a time study/work sampling "lab" report.

1. Using the time study data, perform a time and motion study analysis of the assembly task, including computing the mean and standard deviation of the times recorded.

2. Discuss the task as performed and describe possible approaches to simplify the job. Also present other ideas to improve overall productivity.

3. Use the activity-time study for the secretary and compute % of time spent in each category using all the data, using a sequential pattern, i.e. recording for the same minute every ten minutes and using a random time for every ten minute time period. Compare the 3 results.

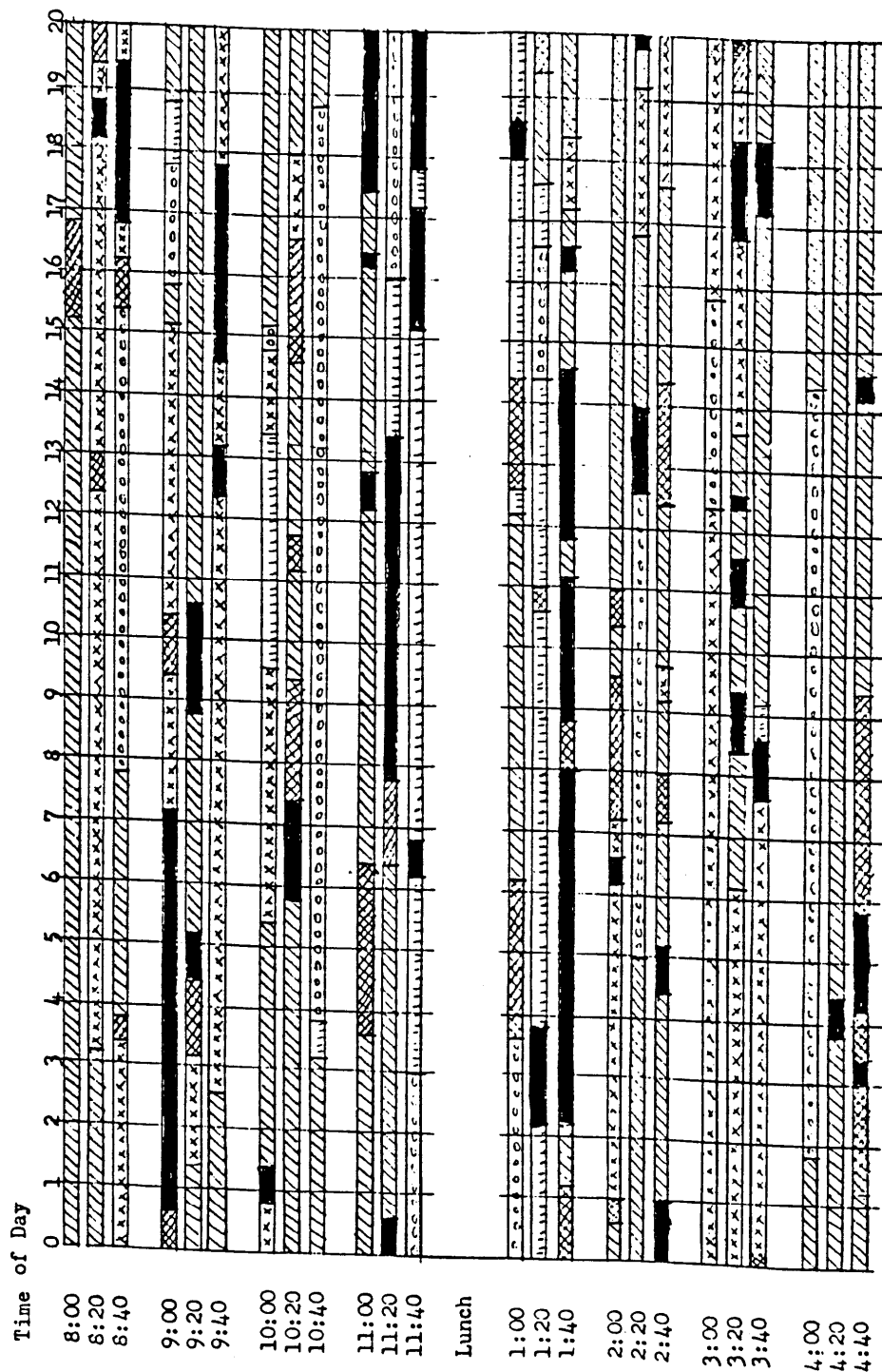4. Develop a learning curve for the jig saw puzzle completion time.

Figure 1.   Activity-Timestudy of a Secretary for One Day