

Statistical Significance Tests

- How sure can you be that an observed difference doesn't simply result from the particular queries you chose?

Experiment 1		
<u>Query</u>	<u>System A</u>	<u>System B</u>
1	0.20	0.40
2	0.21	0.41
3	0.22	0.42
4	0.19	0.39
5	0.17	0.37
6	0.20	0.40
7	0.21	0.41
Average	0.20	0.40

Experiment 2		
<u>Query</u>	<u>System A</u>	<u>System B</u>
1	0.02	0.76
2	0.39	0.07
3	0.16	0.37
4	0.58	0.21
5	0.04	0.02
6	0.09	0.91
7	0.12	0.46
Average	0.20	0.40