11.25 The waiting time (in minutes) for emergency room patients with non-life-threatening injuries was measured at four hospitals for all patients who arrived between 6:00 and 6:30 PM on a certain Wednesday. The results are shown below. *Research question:* Are the mean waiting times the same for emergency patients in these four hospitals? **ERWait**

| Emergency Room Waiting Time (minutes) |
| --- |
| Hospital A (5 patients) | Hospital B (4 patients) | Hospital C (7 patients) | Hospital D (6 patients) |
| 10 | 8 | 5 | 0 |
| 19 | 25 | 11 | 20 |
| 5 | 17 | 24 | 9 |
| 26 | 36 | 16 | 5 |
| 11 |   | 18 | 10 |
|   |   | 29 | 12 |
|   |   | 15 |   |