



Figure 3. Comparison of intensities at sites to the northwest (green) to intensities at sites to the southeast (orange). In the near-field, $r_{JB} \leq 20$ km, and at regional distances, $40 \leq r_{JB} \leq 100$, the intensities in the two directions are nearly equal, indicating that the rupture is mostly bilateral. At distances, $20 \leq r_{JB} \leq 30$, the intensities to the northwest are somewhat low, suggesting that the epicenter of the 1868 earthquake may be located to the northwest of Hayward.