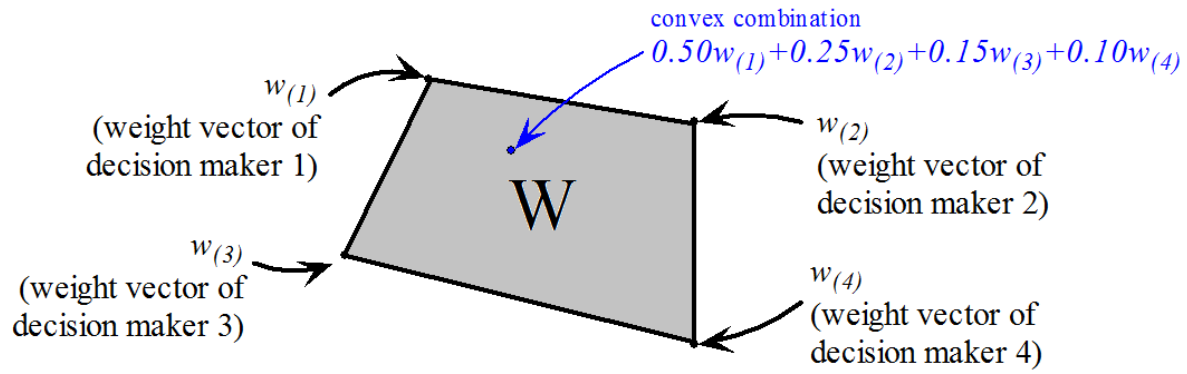**Figure 1**

Figure 1 An example of a weight space that represents the set of all the indicator weights that corresponds to convex combinations of weights assigned by four different decision makers.
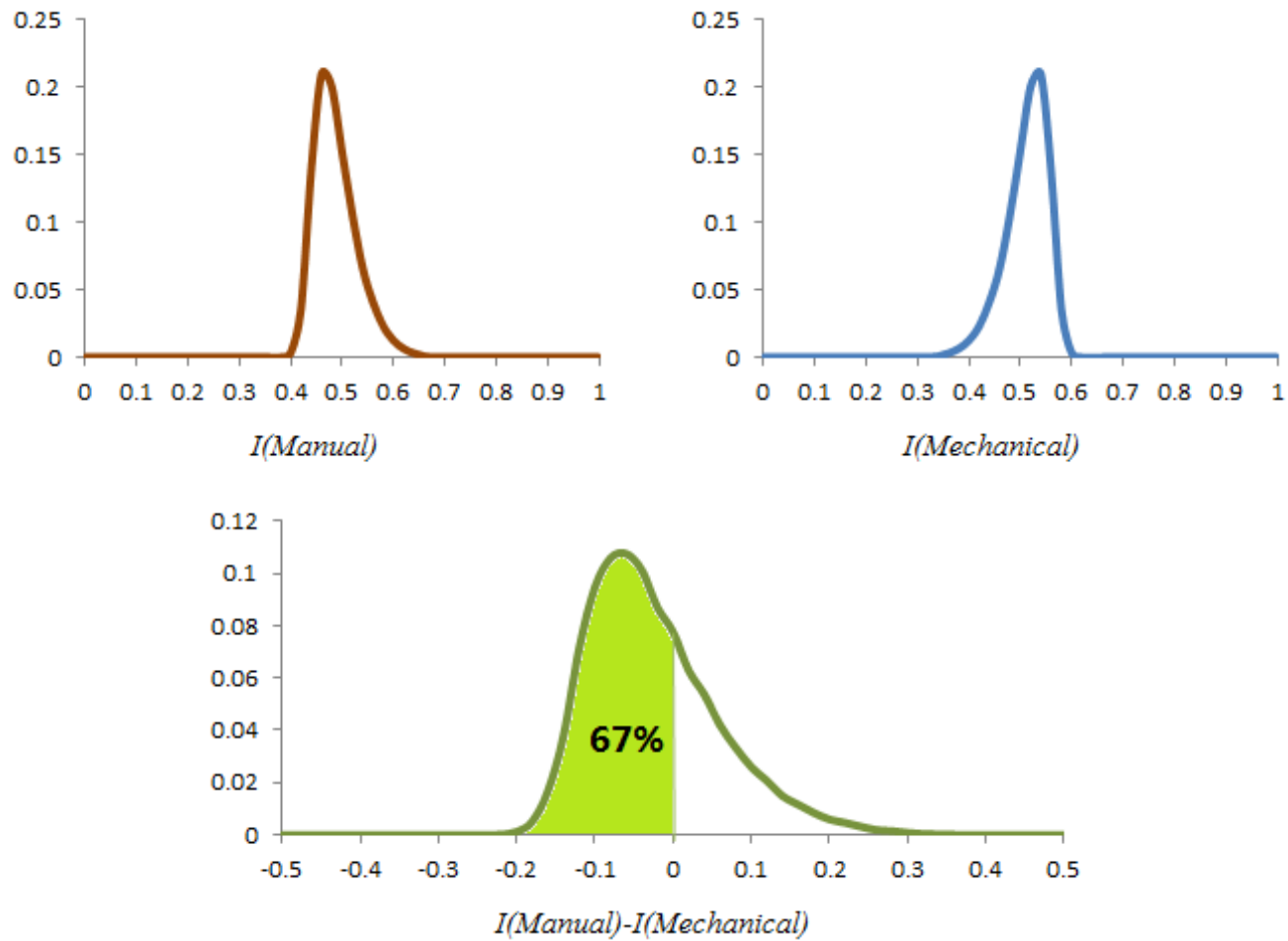
Figure 2

Figure 2 Simulated results of overall for mid-point impacts (probability distribution functions). Top left: Impact of Manual. Top right: Impact of Mechanical. Bottom: Difference of impacts. The y-axis represents probability; the x-axis represents units of overall impact.
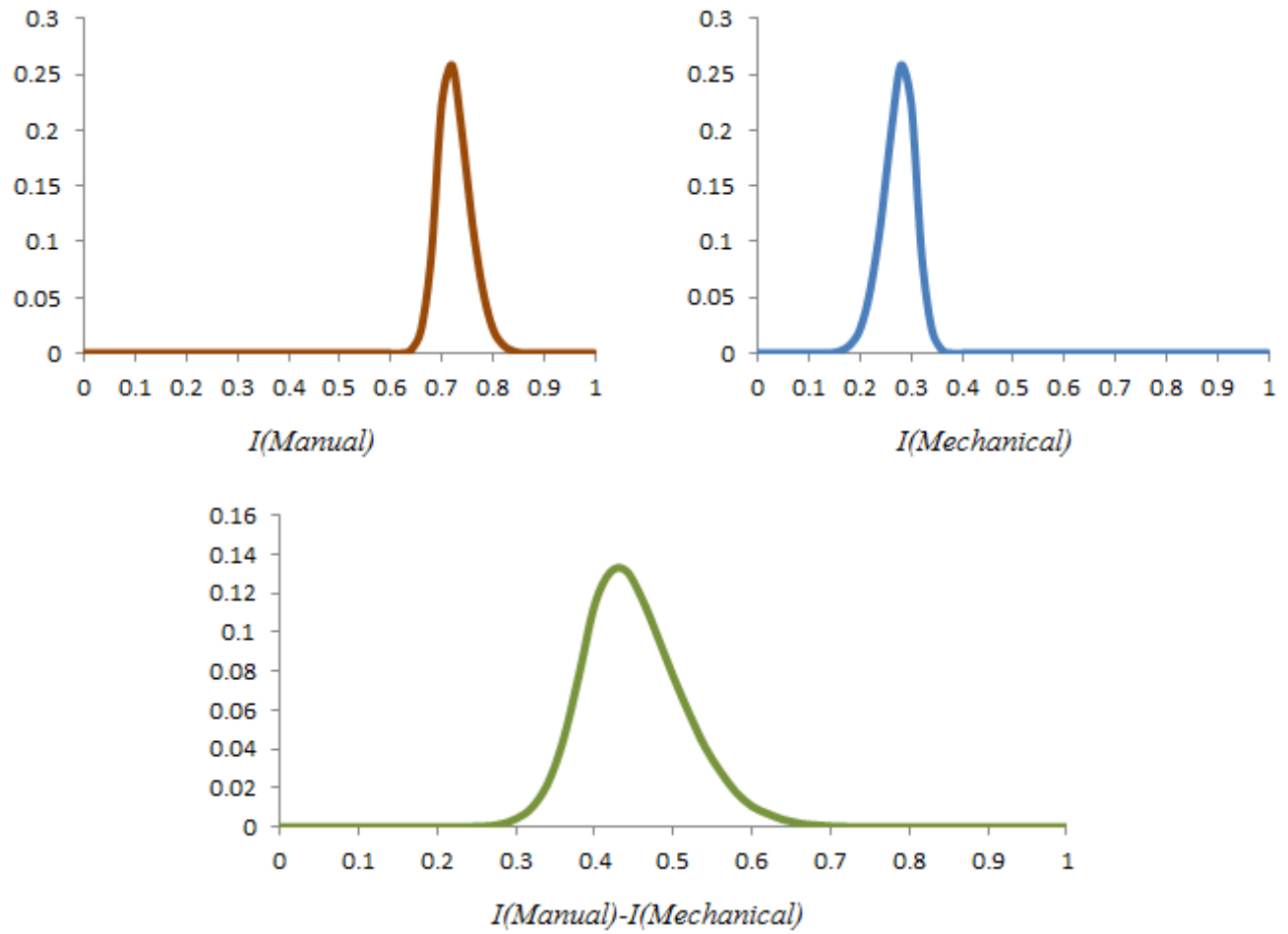
Figure 3

Figure 3. Simulated results of overall for end-point impacts (probability distribution functions). Top left: Impact of Manual. Top right: Impact of Mechanical. Bottom: Difference of impacts. The y-axis represents probability; the x-axis represents units of overall impact.
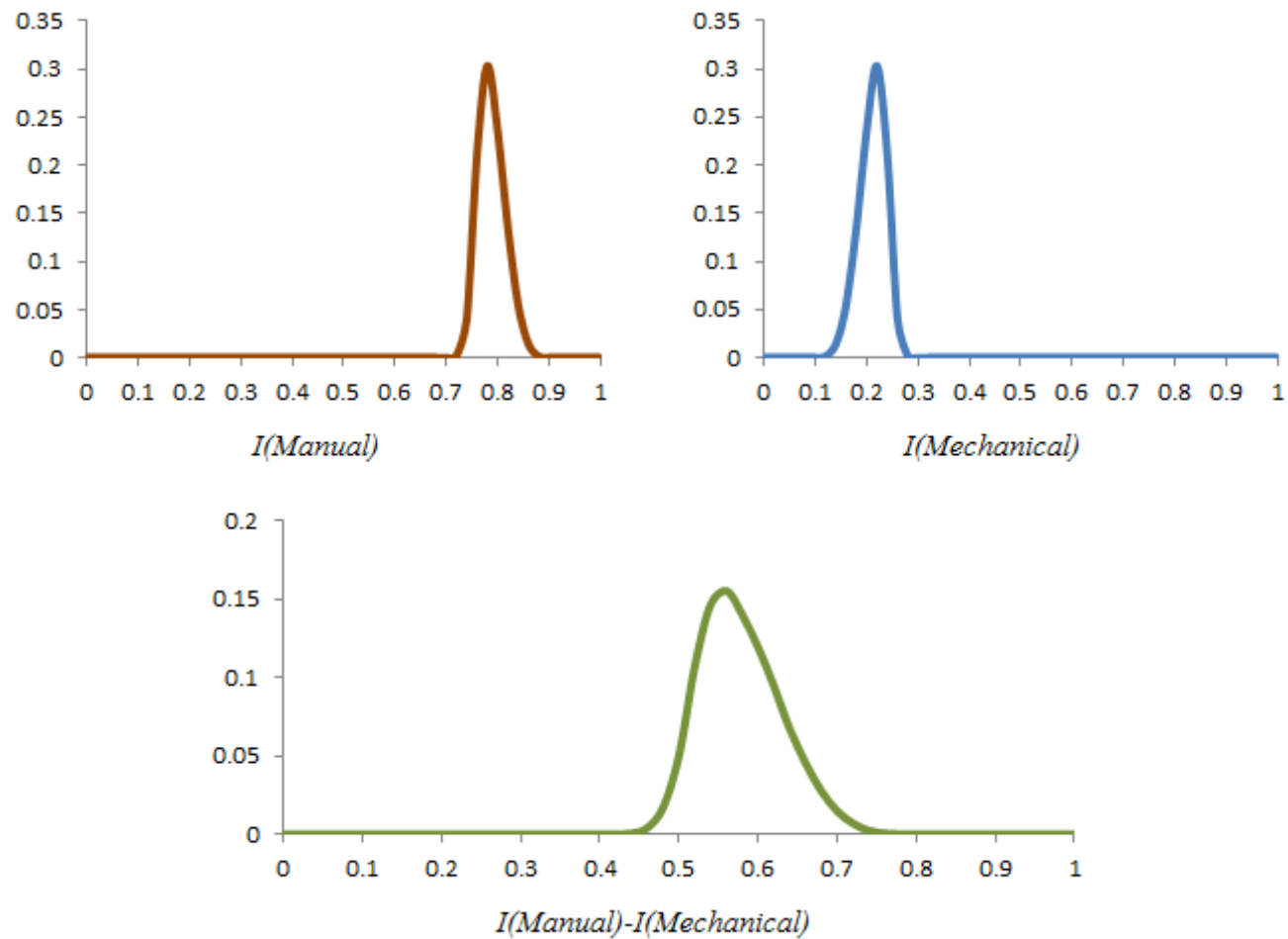
Figure 4

Figure 4 Simulated results of overall for social impacts (probability distribution functions). Top left: Impact of Manual. Top right: Impact of Mechanical. Bottom: Difference of impacts. The y-axis represents probability; the x-axis represents units of overall impact.