

**Figure 6.** Distribution of corn yield risk (upper left) and profit risk (lower left) and soybean yield risk (upper right) and profit risk (lower right) difference between algorithm-recommended (Agroptimizer) cropping systems and UW-recommended systems (Typical) and the probability (P) as a percentage that the risk difference  $> 0$  in the posterior sample distribution ( $n = 4060$ ). Red dashed line shows zero risk difference and black dashed line shows the mean risk difference (Diff in the graph with 95% credible intervals).

