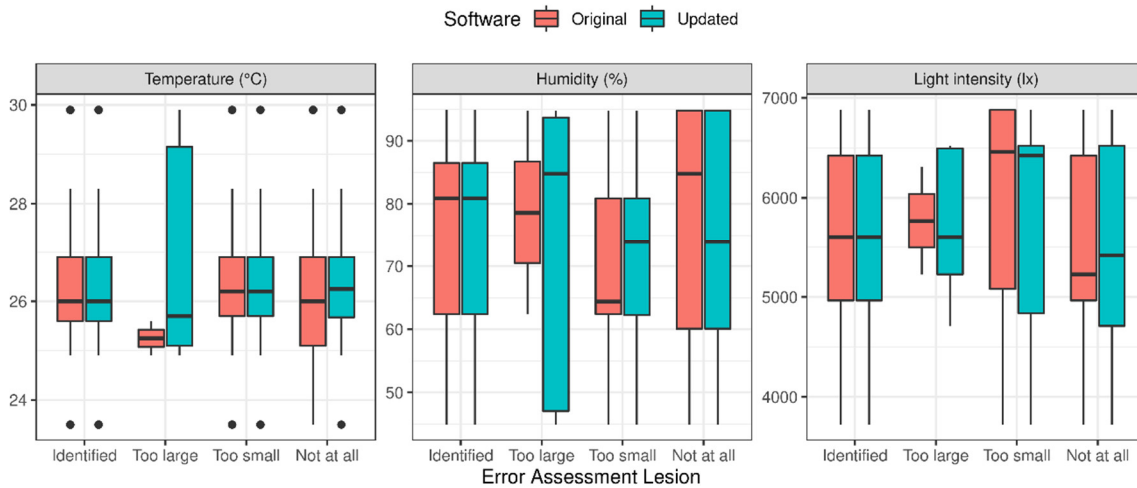
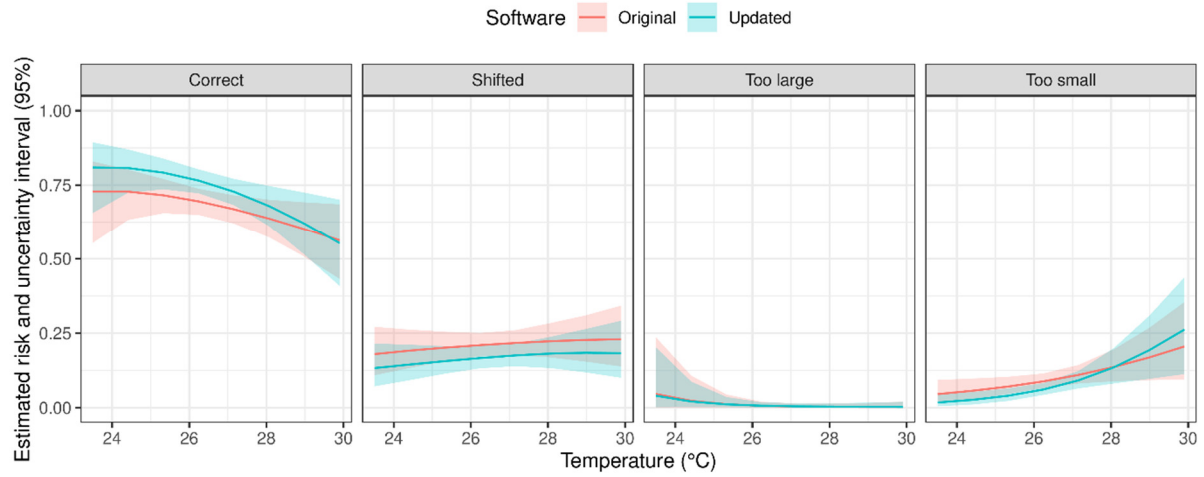


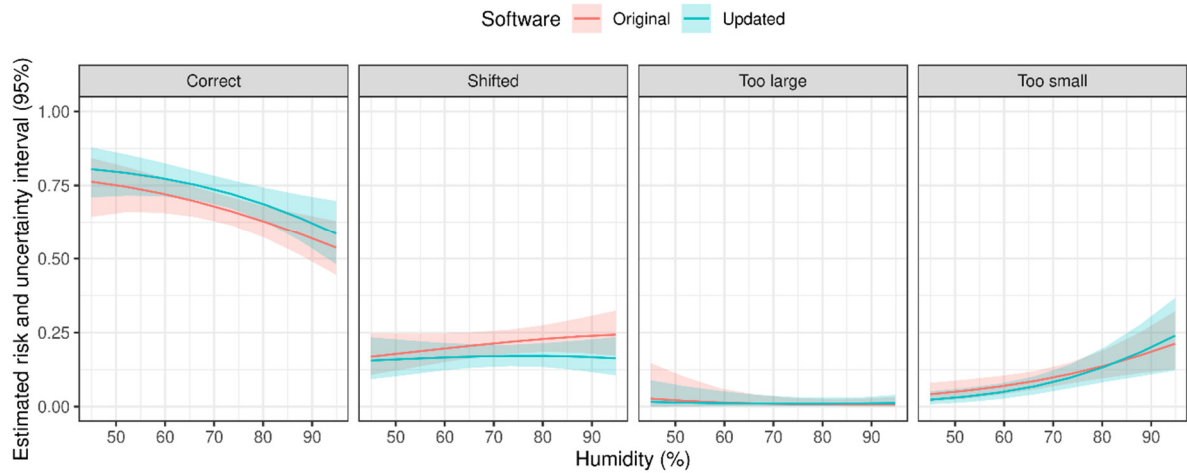
**Figure S1.** Possible false detection of the reference surface area of the foot pad (correct, too large, too small, shifted) with the original and the updated software depending on the temperature in degrees Celsius (left), humidity in percent (middle), and light intensity in lux (right) ( $n = 500$ ; validation phase).



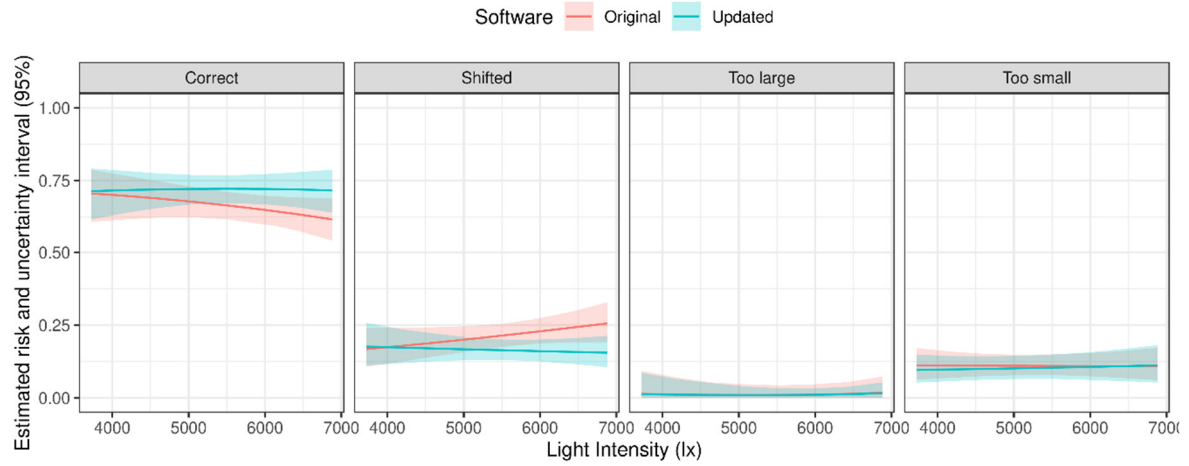
**Figure S2.** Possible false detection of foot pad lesions (identified, too large, too small, not at all) with the original and the updated software depending on the temperature in degrees Celsius (left), humidity in percent (middle), and light intensity in lux (right) ( $n = 500$ ; validation phase).



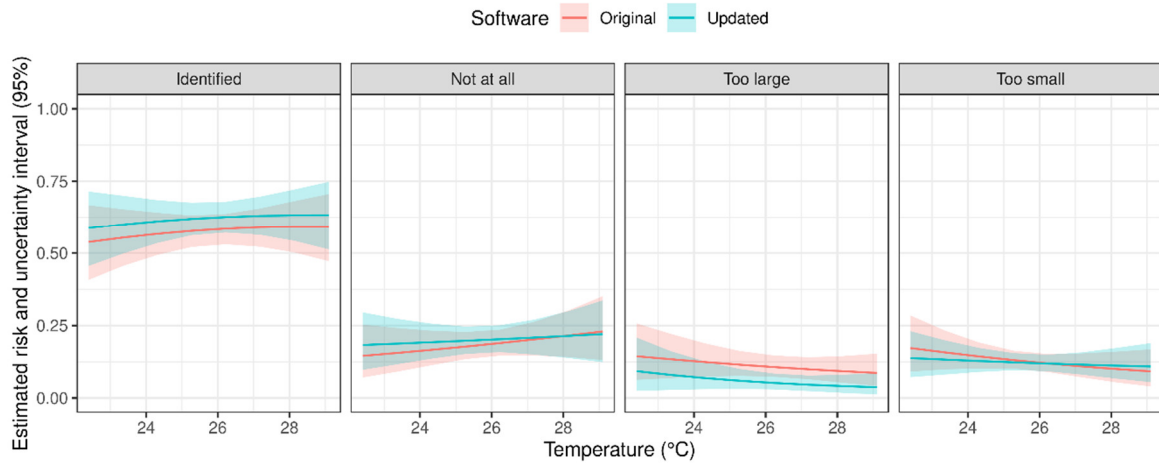
**Figure S3.** Estimated risk and uncertainty interval (95%) of the occurrence of errors during the assessment of the reference surface area of the foot pad (correct, shifted, too large, too small) with the original and the updated software depending on the temperature in degrees Celsius ( $n = 500$ ; validation phase).



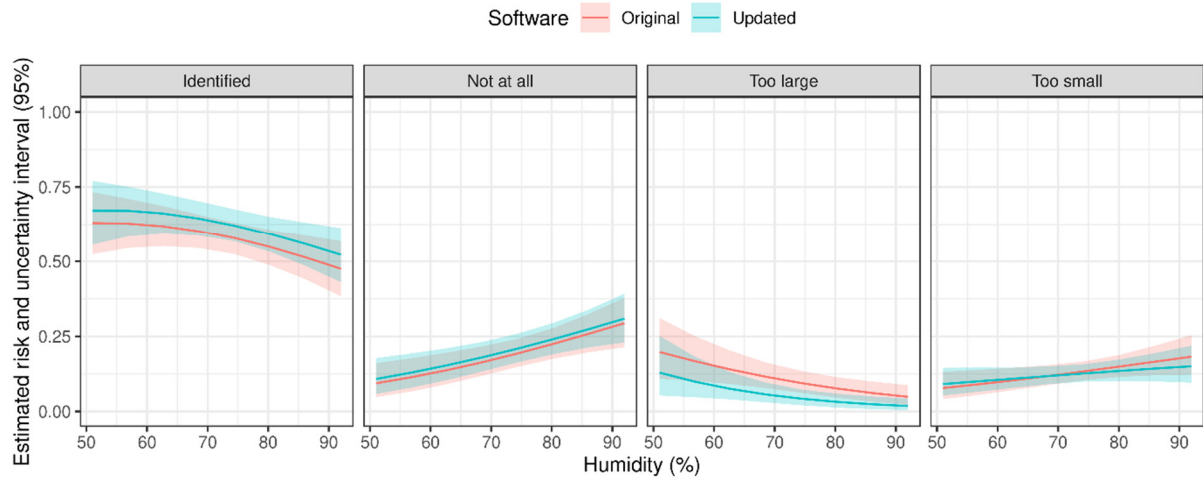
**Figure S4.** Estimated risk and uncertainty interval (95%) of the occurrence of errors during the assessment of the reference surface area of the foot pad (correct, shifted, too large, too small) with the original and the updated software depending on the humidity in percent ( $n = 500$ ; validation phase).



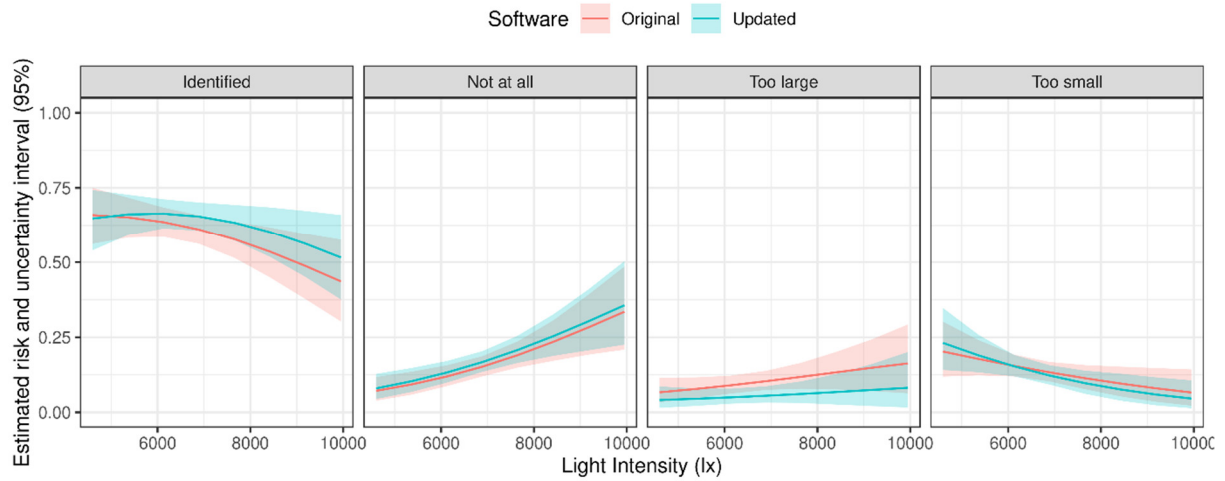
**Figure S5.** Estimated risk and uncertainty interval (95%) of the occurrence of errors during the assessment of the reference surface area of the foot pad (correct, shifted, too large, too small) with the original and the updated software depending on the light intensity in lux ( $n = 500$ ; validation phase).



**Figure S6.** Estimated risk and uncertainty interval (95%) of the occurrence of errors during the assessment of foot pad lesions (identified, not at all, too large, too small) with the original and the updated software depending on the temperature in degrees Celsius ( $n = 500$ ; validation phase).



**Figure S7.** Estimated risk and uncertainty interval (95%) of the occurrence of errors during the assessment of foot pad lesions (identified, not at all, too large, too small) with the original and the updated software depending on the humidity in percent ( $n = 500$ ; validation phase).



**Figure S8.** Estimated risk and uncertainty interval (95%) of the occurrence of errors during the assessment of foot pad lesions (identified, not at all, too large, too small) with the original and the updated software depending on the light intensity in lux ( $n = 500$ ; validation phase).