Supplementary material to article by E. W. C. van der Meer et al. "Economic Evaluation of a Multifaceted Implementation Strategy for the Prevention of Hand Eczema Among Healthcare Workers in Comparison with a Control Group: The Hands4U Study"

Table SIV. Intervention costs, benefits, net benefits (NB), benefit cost ratio (BCR) and return-on-investment (ROI) per participant

Sample size		Costs (€)		Financial return			
I	С	Total	Benefits	NB ^a (95% CI)	BCR ^b (95% CI)	ROI (%)° (95% CI)	Probability
876	773	114 (NA)	-3,204 (-2,515 to -3,920)	-3,318 (-3,990 to -2,579)	-28.1 (-34.0 to -21.7)	-2,914 (-3,505-2,265)	0.12
876	773	114 (NA)	-340 (-1.253-577)	-454 (-1.352 to 479)	-3.0 (-11.9-5.2)	-399 (-1.188-421)	0.36
		114 (NA)	()	-585 (-1,106-12)	-4.1 (-8.7-1.1)	-514 (-972-11)	0.34
	I 876 876	I C	Total (95% CI) 876 773 114 (NA) 876 773 114 (NA)	I C (95% CI) Total (95% CI) 876 773 114 (NA) -3,204 (-2,515 to -3,920) 876 773 114 (NA) -340 (-1,253-577)	Total Benefits (95% CI) Total (95% CI) NBa (95% CI) 876 773 114 (NA) -3,204 (-2,515 to -3,920) -3,318 (-3,990 to -2,579) 876 773 114 (NA) -340 (-1,253-577) -454 (-1,352 to 479)	Total Benefits I C (95% CI) Total (95% CI) NBa (95% CI) BCRb (95% CI) 876 773 114 (NA) -3,204 (-2,515 to -3,920) -3,318 (-3,990 to -2,579) -28.1 (-34.0 to -21.7) 876 773 114 (NA) -340 (-1,253-577) -454 (-1,352 to 479) -3.0 (-11.9-5.2)	Total Benefits I C (95% CI) Total (95% CI) NBa (95% CI) BCRb (95% CI) ROI (%)c (95% CI) 876 773 114 (NA) -3,204 (-2,515 to -3,920) -3,318 (-3,990 to -2,579) -28.1 (-34.0 to -21.7) -2,914 (-3,505-2,265) 876 773 114 (NA) -340 (-1,253-577) -454 (-1,352 to 479) -3.0 (-11.9-5.2) -399 (-1,188-421)

Costs are expressed in 2011 €. Financial returns are positive if the following criteria are met: NB > 0, BCR > 1 and ROI > 0.

^aAmount of money returned after intervention costs are recovered. ^bAmount of money returned per € invested in the intervention. ^cPercentage of profit per € invested in the intervention.

SA: sensitivity analysis (SA1: first, SA2: second, SA3: third); WHO-HPQ: World Health Organization Health and Work Performance Questionnaire; CI: confidence interval, NB: net benefit, BCR: benefit cost ratio, I: intervention, C: control: NA: not applicable.