Table 2: PRCCC sensitivity of optimal vaccine allocation to epidemiological parameters of the seasonal influenza model for the five different outcome measures.

Outcome measure					
Deaths		**Years of life loss**		**Contingent value**	
Parameter	**PRCC**	**Parameter**	**PRCC**	**Parameter**	**PRCC**
Recovery rate ages 0-14	0.60	Recovery rate ages 0-14	0.59	Reproductive number (*R*)	0.83
Recovery rate ages 15+	-0.58	Recovery rate ages 15+	-0.55	Recovery rate ages 15+	-0.61
Reproductive number (*R*)	0.58	Vaccine efficacy (*vs* infection) ages 16-65	-0.24	Recovery rate ages 0-14	0.60

Infections		**Hospitalizations**	
Parameter	**PRCC**	**Parameter**	**PRCC**
Reproductive number (*R*)	0.59	Recovery rate ages 15+	-0.56
Recovery rate ages 15+	-0.58	Recovery rate ages 0-14	0.54
Recovery rate ages 0-14	0.55	Vaccine efficacy (*vs* infection) ages 16-65	-0.25

Partial rank correlation coefficients (PRCCs) were used to determine the association between the optimal proportions of individuals vaccinated in each group and input parameters of the model. The amount of vaccine was 80M doses. The PRCC of each parameter was statistically significant (P value <0.001).