

**Healthcare worker cohort**

variable name	Description	Variable type	Values and lables
hbv_sex	Sex	Categorical	1 = Male ; 2 = Female
age_cat (years)	Age category	Categorical	1 = 18-25 ;2 = 26-35 ; 3 = 36-45; 4 = 45+
bmi_cat	BMI category	Categorical	1 = underweight ; 2 = normal weight 3 = Overweight
position	Role of healthcare worker	Categorical	1 = Student ; 2 = Medical Staff ; 3 = Support Staff
marital_status	Marital Status	Categorical	1= Single ;2 = Married ;3= Separated/Divorced/Widowed/ Other
lnavgcod_pre	log averaged blank corrected optical density as absorbance units relative to positive control pre-pandemic	continous	
lnavgcod_post	log averaged blank corrected optical density as absorbance units relative to positive control post-pandemic	continous	
seropos	SARS-CoV-2 IgG sero status	Categorical	1 =positive ; 0 = negative

**Child cohort**

variable name	Description	Variable type	Values lables
gender	Sex	Categorical	1 = Male ; 2 = Female
hiv_exposure	hiv exposure	Categorical	1 = Exposed ; 0 = Not exposed
employed	mother employed	Categorical	1 = Yes ; 0 = No
age_cat (weeks)	age category	Categorical	1 = <24 ;2 =24-35; 3= 36+
lnavgcod_pre	log averaged blank corrected optical density as absorbance units relative to positive control pre-pandemic	continous	

lnavgcod_post	log averaged blank corrected optical density as absorbance units relative to positive control post-pandemic	continous	
seropos	SARS-CoV-2 IgG sero status	Categorical	1 =positive ; 0 = negative
mom_marital_status	Mother's Marital Status	Categorical	1 = Married ; 2 = Not Married
mom_edu	Mothers education	Categorical	0 = None ; 1 =Primary ; 3 = Secondary and more
number_children	Number of children in the household	Categorical	1 = 1-3 ; 2 =4-6 ; 3 = 7+