

**Supplementary: Directed acyclic graphs and minimally sufficient adjustment sets for seroprevalence and mental health outcomes analyses and demographic comparisons between the EnCORE sample and Quebec educators.**

**Supplement Table 1.** Minimally sufficient adjustment sets used in seroprevalence multivariable regressions

Explanatory Variable	Minimally sufficient adjustment set
Age, Sex, Ethnic/Racial minority, Region, Level of education	No adjustment
Student compliance to wearing a mask and distancing	School level, Region
School level	Education, Household crowding, Household income, Ethnic/racial minority, Sex, Vaccination, Number classes taught
Number classes taught at least 25% of the time	Education, Household crowding, Household income, Ethnic/racial minority, Sex, Vaccination, School level
Household crowding	Age, Household income, Ethnic/racial minority
Household income	Education, Ethnic/racial minority
Vaccinated with at least one dose	Age, Education, Household income, Ethnic/racial minority

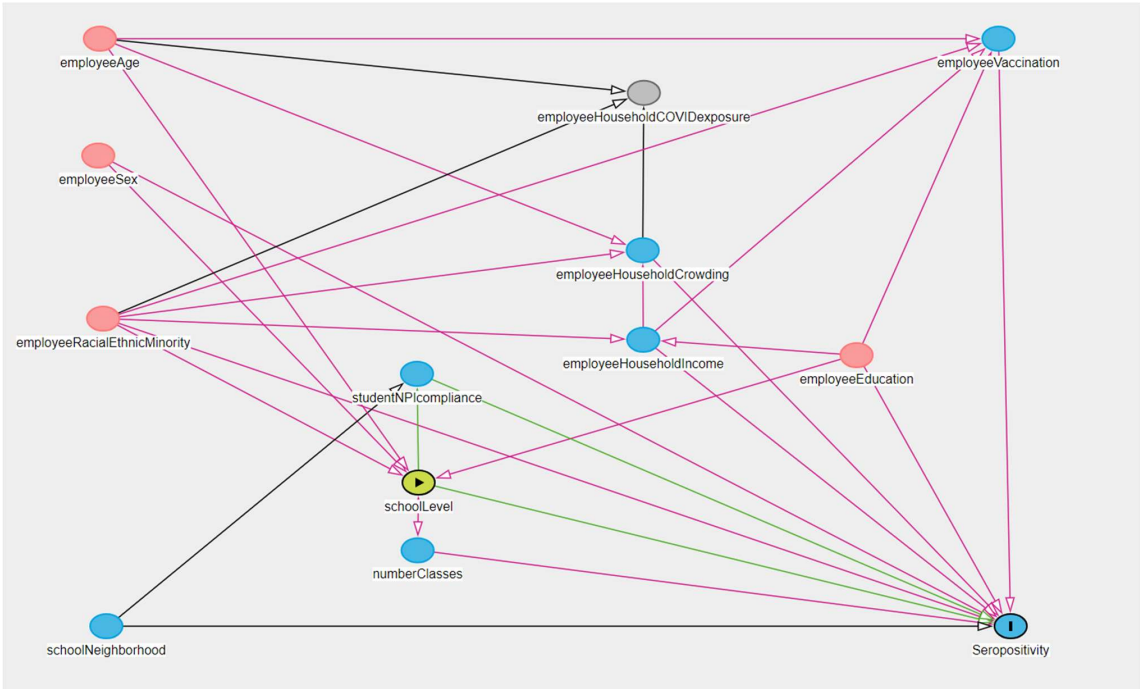
**Supplement Table 2.** Minimally sufficient adjustment sets used in mental health multivariable regressions.

Explanatory Variable	Minimally sufficient adjustment set
School level	Sex
Student compliance to wearing a mask and distancing	School level
Fear of COVID infection from school	Vaccinated with at least one dose, Age, Student compliance to wearing a mask and distancing

**Supplement Table 3.** Comparison of the study sample and Quebec educators from the 2021 Canadian census, across age, sex, school level and ethnic/racial minority status

		Quebec 2021	Study Sample
Sex	Male	15%	11%
Age			
	<35 years	33%	20%
	35-44 years	28%	30%
	45+ years	40%	49%
School level			
	Daycare	47%	30%
	Elementary School	31%	36%
	High School	22%	34%
Ethnic/racial minority		14%	4%

**Supplementary Figure 1.** Directed acyclic graph identifying confounders of the association between school level and risk of seropositivity



**Supplement Figure 2.** Directed acyclic graph to identify confounders of the association between the fear of becoming infected at work and risk of severe anxiety, moderate or severe depression, burnout or low resilience

