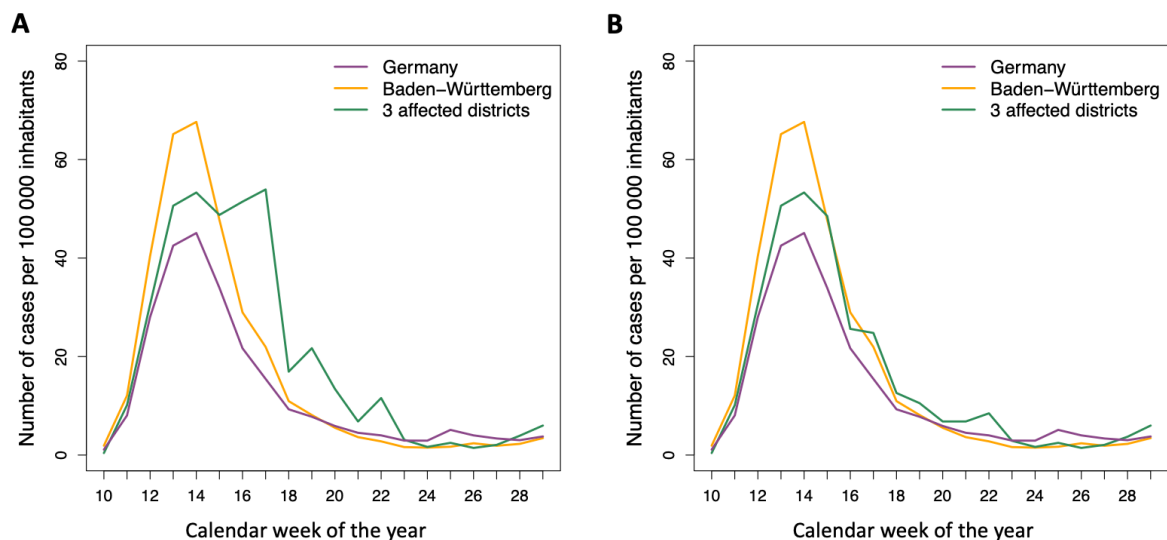## Supplementary material

Figure S1. Seven-day incidence of SARS-CoV-2 positive cases per 100 000 inhabitants in three affected districts, Baden-Württemberg and Germany, calendar week 10-29, 2020, A – includes all cases from the meat processing plant outbreak; B –cases from the meat processing plant outbreak are excluded from data of Baden-Württemberg and three affected districts

Table S1. Attack rates, univariable and multivariable analysis of risk factors for SARS-CoV-2 infection. Case definition: RT-PCR positive result for SARS-CoV-2 or presence for IgG antibody

Factor		N total	% total	N case	AR (%)	RR (95% CI)	pval
Nationality N=1,220	German	248	20.3	52	21.0	ref	
	Romanian	592	48.5	270	45.0	3.16 (2.25-4.5)	<0.001***
	Hungarian	159	12.9	96	39.4	2.47 (1.59-3.86)	<0.001***
	Polish	102	8.3	68	33.0	1.88 (1.12-3.14)	0.015*
	Croatian	29	2.4	3	10.3	0.43 (0.1-1.3)	0.186
	Bulgarian	21	1.7	4	19.0	0.89 (0.25-2.52)	0.835
	Iraqi	18	1.5	4	21.1	1.08 (0.3-3.15)	0.900
	other	107	8.5	14	27.5	1.43 (0.7-2.79)	0.311
Housing (N subcontracted employees living together)	1	83	10.0	38	45.2	ref	
	2-4	71	8.6	25	33.8	0.64 (0.33-1.23)	0.185
	5-9	55	6.7	29	52.7	1.32 (0.67-2.63)	0.425
	10+	618	74.8	269	43.2	0.91 (0.58-1.45)	0.697

N=827							
Distance to work – transport use (sub-contracted employees) N=827	Less than 1 km	78	9.4	37	47.4	ref	
	More than 1 km	749	90.6	324	42.7	0.84 (0.53-1.35)	0.479

Table S2. Comparison of PCR results and serological results for a subcohort of 777 meat processing plant employees

	PCR positive	PCR not positive	Total
IgG positive	142	58	**200**
IgG negative	67	482	**549**
IgG borderline	18	10	**28**
Total	**227**	**550**	777