

Supplementary material

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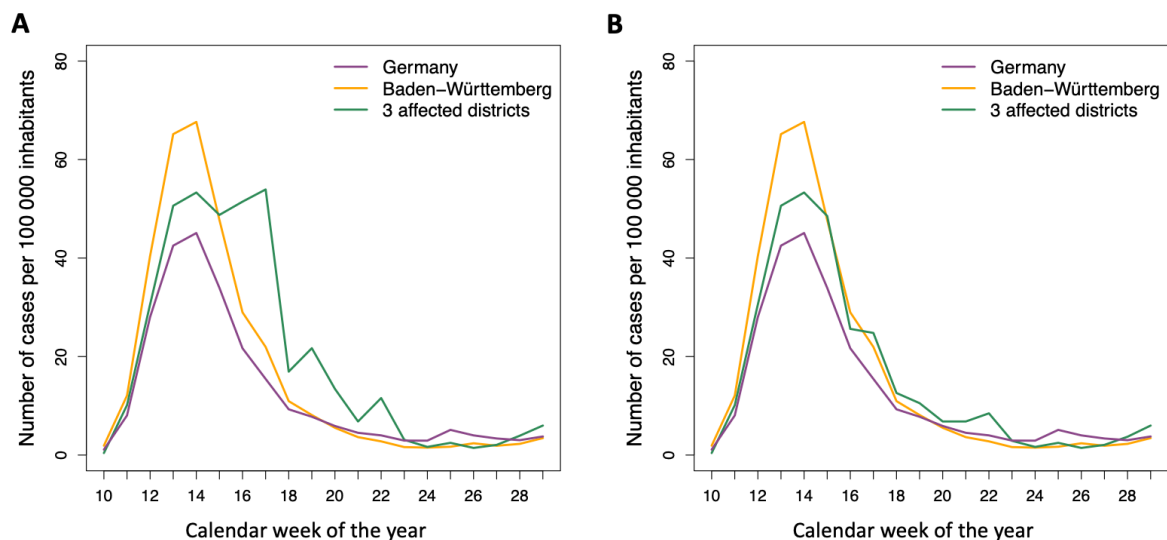


Figure S1. Seven-day incidence of SARS-CoV-2 positive cases per 100 000 inhabitants in three affected districts, Baden-Württemberg and Germany, calendar week 10-29, 2020, A – includes all cases from the meat processing plant outbreak; B –cases from the meat processing plant outbreak are excluded from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