

Table S10: Estimated IRRs for all AD outcomes and adjustment characteristics up to 12 months of age in the intention-to-treat (ITT) and per-protocol (PP) populations

Study outcome	Poisson model	Population (n)	Effects	IRR (95%CI)	p-value	
AD _{Primary}	unadjusted	ITT (1927)	WGF	1 (0.75, 1.32)	0.991	
	unadjusted	PP (1473)	WGF	0.94 (0.68, 1.3)	0.729	
	adjusted	ITT (1871)	WGF	1 (0.75, 1.33)	0.999	
			Male sex	1.78 (1.32, 2.4)	<0.001	
			Poland	0.78 (0.32, 1.92)	0.588	
	adjusted	PP (1441)	parental AD	1.97 (1.34, 2.9)	<0.001	
			WGF	0.96 (0.69, 1.33)	0.798	
			Male sex	1.78 (1.27, 2.5)	<0.001	
Poland			0.78 (0.29, 2.09)	0.614		
AD _{UKWP}	unadjusted	ITT (1939)	WGF	1.01 (0.77, 1.32)	0.967	
			PP (1473)	WGF	0.9 (0.66, 1.23)	0.505
				ITT (1881)	WGF	1.01 (0.77, 1.32)
	adjusted	PP (1441)	Male sex	1.67 (1.26, 2.21)	<0.001	
			Poland	0.83 (0.36, 1.91)	0.66	
			parental AD	1.83 (1.26, 2.68)	0.002	
			WGF	0.91 (0.66, 1.25)	0.556	
			Male sex	1.73 (1.25, 2.4)	0.001	
adjusted	PP (1441)	Poland	0.75 (0.27, 2.11)	0.591		
		parental AD	1.9 (1.23, 2.94)	0.004		
		WGF	0.79 (0.62, 1.02)	0.073		
AD _{Doctor}	unadjusted	ITT (1939)	WGF	0.66 (0.49, 0.9)	0.008	
			PP (1473)	WGF	0.78 (0.6, 1.01)	0.06
	adjusted	ITT (1881)	WGF	0.78 (0.6, 1.01)	0.06	
			Male sex	1.34 (1.04, 1.74)	0.026	
			Poland	0.41 (0.25, 0.67)	<0.001	
			parental AD	1.79 (1.26, 2.55)	0.001	
	adjusted	PP (1441)	WGF	0.67 (0.49, 0.91)	0.011	
			Male sex	1.36 (1, 1.84)	0.049	
Poland			0.29 (0.17, 0.51)	<0.001		
parental AD			1.66 (1.09, 2.55)	0.019		
AD _{Any}	unadjusted	ITT (1939)	WGF	0.84 (0.68, 1.05)	0.12	
			PP (1473)	WGF	0.75 (0.58, 0.96)	0.025
	adjusted	ITT (1881)	WGF	0.83 (0.66, 1.03)	0.091	
			Male sex	1.36 (1.09, 1.7)	0.007	
			Poland	0.56 (0.31, 1.01)	0.052	
			parental AD	1.7 (1.24, 2.33)	<0.001	
	adjusted	PP (1441)	WGF	0.75 (0.58, 0.97)	0.030	
			Male sex	1.43 (1.1, 1.86)	0.007	
Poland			0.46 (0.21, 1)	0.049		
parental AD			1.63 (1.12, 2.37)	0.011		