

Table S2. Risks of asthma according to exposure to cat and dog in cohort studies

Study	Birth cohort	Population	Exposure	Cat	Dog	Quality [†]
Horwood 1985	Birth cohort	Children	Ownership	0.72 (0.44-1.20)	-	7
Lau 2000	Birth cohort	Children	Allergen	1.20 (0.71-2.02)	-	8
Litonjua 2001	Birth cohort	Children	Allergen	0.20 (0.03-1.48)	-	7
Nafstad 2001	Birth cohort	Children	Ownership	0.7 (0.4-1.5)	1.1 (0.6-1.9)	7
Remes 2001	Birth cohort	Children	Ownership	-	0.53 (0.34-0.81)	7
Smedje 2001	non-birth cohort	Children	Ownership	1.4 (1.1-1.9)	-	8
McConnell 2002	non-birth cohort	Children	Ownership	0.9 (0.6-1.3)	1.4 (1.0-2.0)	7
Perzanowski 2002	non-birth cohort	Children	Ownership	0.55 (0.25-1.21)	1.20 (0.60-1.80)	7
Celedón 2002	Birth cohort	Children	Allergen	0.7(0.5-1.0)	-	7
Litonjua 2002	non-birth cohort	Children	Allergen	-	0.34 (0.12-0.98)	8
Litonjua 2002	non-birth cohort	Children	Ownership	-	0.34 (0.12-0.98)	8
Linneberg 2003	non-birth cohort	Adult	Ownership	7.80(1.37-44.34)	0.75 (0.18-3.13)	7
Heissenhuber 2003	Birth cohort	Children	Allergen	2.03 (1.05-3.91)	-	7
Svanes 2003	non-birth cohort	Children	Ownership	1.08(0.99-1.17)	1.1(1.01-1.20)	9
Svanes 2003	non-birth cohort	Adult	Ownership	0.97(0.88-1.06)	1.12(1.02-1.23)	7
Almqvist 2003	Birth cohort	Children	Ownership	0.75(0.47-1.20)	0.43(0.18-1.00)	7
de Meer 2004	non-birth cohort	Children	Ownership	0.17 (0.04-0.77)	-	8
Polk 2004	Birth cohort	Children	Allergen	1.41(1.08-1.83)	-	8
Sandin 2004	Birth cohort	Children	Ownership	0.7(0.3-1.6)	0.4(0.1-0.8)	8

Cullinan 2004	Birth cohort	Children	Allergen	0.51 (0.14-1.81)	-	8
Bjerg-Bäcklund 2006	non-birth cohort	Children	Allergen	0.67(0.46-0.99)	0.95(0.69-1.31)	8
Chen 2007	Birth cohort	Children	Allergen	1.2(0.7-2.0)	-	8
Mitchell 2007	Birth cohort	Children	Ownership	-	2.1(1.1-3.8)	8
Pohlabeln 2007	Birth cohort	Children	Ownership	0.94 (0.64-1.40)	1.43 (0.95-2.15)	7
Chen 2008_LISA	Birth cohort	Children	Ownership	-	0.7 (0.4-1.5)	7
Chen 2008_GINini	Birth cohort	Children	Ownership	-	1.5 (0.5-4.0)	7
Chen 2008_GINli	Birth cohort	Children	Ownership	-	1.0 (0.5-1.9)	8
Perzanowski 2008	Birth cohort	Children	Ownership	0.48(0.21-1.1)	-	8
Bufford 2008	Birth cohort	Children	Ownership	-	0.75 (0.38-1.47)	8
Kerkhof M 2009	Birth cohort	Children	Ownership	1.28 (0.79-2.10)	0.59 (0.27-1.25)	8
Carlsten 2010	non-birth cohort	Children	Allergen	3.33 (1.72-6.45)	3.84 (1.79-8.22)	8
Carlsten 2011	Birth cohort	Children	Ownership	-	2.7 (1.3-5.6)	7
Oluwole 2013	non-birth cohort	Children	Allergen	1.56 (1.06-2.30)	-	7
Collin 2015	Birth cohort	Children	Ownership	0.75 (0.45-1.24)	0.87 (0.53-1.43)	7
Fall 2015	non-birth cohort	Children	Ownership	-	0.87 (0.81-0.93)	7
Wegienka 2017	Birth cohort	Children	Ownership	-	0.57(0.31-1.03)	8
Sheehan 2017	non-birth cohort	Children	Allergen	0.97 (0.83-1.14)	0.97 (0.79-1.19)	8
Segura-Navas 2018	non-birth cohort	Adult	Ownership	0.66 (0.26-1.68)	0.88 (0.35-1.35)	8

[†]Quality Scored according to Newcastle Ottawa Quality Assessment Scale-Cohort Studies.