

Supplementary webappendix

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SUPPLEMENT

**Table S1A: Search Strategy
Ovid MEDLINE(R) and Ovid OLDMEDLINE(R) 1946 to February Week 4 2014**

#	Searches	Results
1	Norwalk virus.sh.	664
2	(norwalk not (norwalk adj (ct or conn or connecticut))).ti,ab.	950
3	Norovirus.sh.	2133
4	norovirus*.ti,ab.	2530
5	Norwalk-like virus*.ti,ab.	364
6	nlv.ti,ab.	203
7	Caliciviridae.sh.	656
8	Caliciviridae Infections.sh.	2382
9	(human adj2 calicivirus*).ti,ab.	219
10	calicivirus*.ti,ab.	1351
11	small round virus*.ti,ab.	70
12	small round structured virus*.ti,ab.	191
13	or/1-12	4986
14	limit 13 to yr="2008-Current"	2244
15	limit 14 to humans	1601
16	remove duplicates from 15	1565

**Table S1B: Search Strategy
Embase 1996 to 2014 Week 10**

#	Searches	Results
1	Norwalk virus.sh.	0
2	Norwalk gastroenteritis virus.sh.	631
3	(norwalk not (norwalk adj (ct or conn or connecticut))).ti,ab.	774
4	Norovirus.sh.	3325
5	norovirus*.ti,ab.	3351
6	Norwalk-like virus*.ti,ab.	363
7	nlv.ti,ab.	237
8	Caliciviridae.sh.	0
9	calicivirus.sh.	1063
10	Caliciviridae Infections.sh.	0
11	calicivirus infection.sh.	408
12	(human adj2 calicivirus*).ti,ab.	205
13	calicivirus*.ti,ab.	1134
14	small round virus*.ti,ab.	24
15	small round structured virus*.ti,ab.	123
16	or/1-15	5624
17	limit 16 to yr="2008-Current"	3305
18	limit 17 to humans	2052
19	remove duplicates from 18	1950

**Table S1C: Search Strategy
Global Health 1973 to 2014 Week 09**

#	Searches	Results
1	Norwalk virus*.mp.	397
2	(norwalk not (norwalk adj (ct or conn or connecticut))).mp.	649
3	Norovirus.mp.	2653
4	Norwalk-like virus*.mp.	310
5	nlv.mp.	123
6	Caliciviridae.mp.	2916
7	Caliciviridae Infections.mp.	0
8	(human adj2 calicivirus*).mp.	153
9	calicivirus*.mp.	646
10	small round virus*.mp.	29
11	small round structured virus*.mp.	155
12	or/1-11	3345
13	limit 12 to yr="2008-Current"	1884
14	limit 13 to humans [Limit not valid in Global Health; records were retained]	1884

Ref. No.	Author	Year of Pub.	Title	Journal	Start Date	End Date	Country	No. Tested	No. NoV+	No. Con. Tested	No. Con. NoV+	Age Category	Setting	Stratum	Incl. Novel Strain (1=Y, 0=N)
1	Abugalia	2011	Clinical Features and Molecular Epidemiology of Rotavirus and Norovirus Infections in Libyan Children	Journal of Medical Virology	10/1/2007	9/30/2008	Libya	260	36	0	0	unders	Inpatient	LMD	0
1	Abugalia	2011	Clinical Features and Molecular Epidemiology of Rotavirus and Norovirus Infections in Libyan Children	Journal of Medical Virology	10/1/2007	9/30/2008	Libya	260	55	0	0	unders	Outpatient	LMD	0
2	Ahenda	2012	Viral etiologies of diarrhea among children attending Iwak missing hospital in asembo, western kenya	ASTMH	1/1/2007	6/30/2010	Kenya	206	13	0	0	unders	Outpatient	HMD	0
3	Ajjampur	2008	Closing the diarrhoea diagnostic gap in Indian children by the application of molecular techniques	Journal of Medical Microbiology	1/1/2003	12/31/2003	India	158	25	99	7	unders	Inpatient	HMD	0
4	Amar, C.F., et al.,	2007	Detection by PCR of eight groups of enteric pathogens in 4,627 faecal samples: re-examination of the English case-control Infectious Intestinal Disease Study (1993-1996).	Eur J Clin Microbiol Infect Dis	1/1/1993	12/31/1996	England	1776	547	1505	156	over	Community	Developed	0
4	Amar, C.F., et al.,	2007	Detection by PCR of eight groups of enteric pathogens in 4,627 faecal samples: re-examination of the English case-control Infectious Intestinal Disease Study (1993-1996).	Eur J Clin Microbiol Infect Dis	1/1/1993	12/31/1996	England	646	324	700	202	unders	Community	Developed	0

5	Aragao	2013	Norovirus diversity in diarrheic children from a african descendent settlement in belem, norther brazil	PLoS ONE [Electronic Resource]	4/1/2008	7/31/2010	Brazil	81	16	78	0	0	under5	Community	LMD	0
6	Bagci	2010	Clinical characteristics of viral intestinal infection in preterm and term neonates	European Journal of Clinical Microbiology and Infectious Diseases	1/1/1998	12/31/2007	Germany	567	8	0	0	0	under5	Inpatient	Developed	1
7	Ballard	2013	A case - control study of norovirus induced acute diarrhea among army recruits in peru	ASTMH	10/1/2005	7/1/2011	Peru	200	28	200	16	16	other	Outpatient	HMD	1
8	Barreira	2010	Viral load and genotypes of noroviruses in symptomatic and asymptomatic children in Southeastern Brazil	Journal of Clinical Virology	2/1/2003	6/1/2004	Brazil	229	40	90	12	12	under5	Inpatient	LMD	0
9	Beersma	2009	Norovirus in a Dutch tertiary care hospital (2002e2007): frequent nosocomial transmission and dominance of GIIB strains in young children	Journal of Hospital Infection	7/1/2002	6/1/2007	Netherlands	822	82	0	0	0	over5	Inpatient	Developed	1
9	Beersma	2009	Norovirus in a Dutch tertiary care hospital (2002e2007): frequent nosocomial transmission and dominance of GIIB strains in young children	Journal of Hospital Infection	7/1/2002	6/1/2007	Netherlands	1636	139	0	0	0	other	Inpatient	Developed	1
10	Boga	2004	Etiology of sporadic cases of pediatric acute gastroenteritis in asturias, Spain, and genotyping and characterization of norovirus strains involved.	J Clin Microbiol 42	11/1/2000	10/1/2001	Spain	363	16	0	0	0	other	Inpatient	Developed	0

11	Bresee	2012	The Etiology of Severe Acute Gastroenteritis Among Adults Visiting Emergency Departments in the United States	Journal of Infectious Diseases	9/1/1999	8/1/2001	United States	264	42	0	0	0	over5	Inpatient	Developed	0
12	Bruggink	2010	Molecular and Epidemiological Characteristics of Norovirus Associated with Community-Based Sporadic Gastroenteritis Incidents and Norovirus Outbreaks in Victoria, Australia, 2002Ð2007	Intervirology	1/1/2002	12/31/2007	Australia	445	116	0	0	0	other	Community	Developed	1
13	Cashman	2012	Detection of human bocaviruses 1, 2 and 3 in Irish children presenting with gastroenteritis	Archives of Virology	1/1/2006	12/31/2008	Ireland	155	46	0	0	0	other	Inpatient	Developed	1
14	Chaimongkol I	2012	A Wide Variety of Diarrhea Viruses Circulating in Pediatric Patients in Thailand	Clinical Laboratory	1/1/2007	12/31/2007	Thailand	160	24	0	0	0	under5	Inpatient	LMD	0
15	Chan-It	2012	Emergence of a New Norovirus GI.6 Variant in Japan, 2008Ð2009	Journal of Medical Virology	7/1/2008	6/1/2009	Japan	187	104	0	0	0	other	Outpatient	Developed	0
16	Chan-It	2011	Detection and Genetic Characterization of Norovirus Infections in Children with Acute Gastroenteritis in Japan, 2007-2009	Clinical Laboratory	7/1/2007	6/1/2009	Japan	954	254	0	0	0	other	Outpatient	Developed	0
17	Chen	2009	Norovirus Infection as a Cause of Diarrhea-Associated Benign Infantile Seizures	Clinical Infectious Diseases	8/1/2004	1/31/2007	Taiwan	353	64	0	0	0	other	Inpatient	LMD	1
18	Chen	2013	Severe viral gastroenteritis in children after suboptimal rotavirus immunization in taiwan	The Pediatric Infectious Disease Journal	4/1/2004	3/1/2011	Taiwan	755	128	0	0	0	other	Inpatient	LMD	1

19	Chen	2012	Monitoring and analysis on pathogens of viral gastroenteritis in Nanhai of Foshan	Modern Preventive Medicine	3/1/2009	2/1/2010	China	426	22	0	0	0	0	other	Unknown	LMD	0
20	Chen	2012	Molecular epidemiological study on norovirus in infants with diarrhea in Xiamen		5/1/2010	4/20/2011	China	366	81	0	0	0	0	under5	Unknown	LMD	0
21	Chhabra	2008	Norovirus genotype IIb associated acute gastroenteritis in India	Journal of Clinical Virology	12/1/2005	2/1/2007	India	192	24	0	0	0	0	under5	Inpatient	HMD	1
21	Chhabra	2008	Norovirus genotype IIb associated acute gastroenteritis in India	Journal of Clinical Virology	12/1/2005	2/1/2007	India	44	4	0	0	0	0	under5	Outpatient	HMD	1
22	Chhabra	2009	gastroenteritis in India	Journal of Medical Virology	7/1/2005	6/1/2007	India	570	72	0	0	0	0	other	Unknown	HMD	1
22	Chhabra	2009	Epidemiological, Clinical, and Molecular Features of Norovirus Infections in Western India	Journal of Medical Virology	7/1/2005	6/1/2007	India	70	5	0	0	0	0	other	Unknown	HMD	1
22	Chhabra	2009	Epidemiological, Clinical, and Molecular Features of Norovirus Infections in Western India	Journal of Medical Virology	7/1/2005	6/1/2007	India	190	12	0	0	0	0	other	Unknown	HMD	1
23	Colomba, C., et al.,	2007	Norovirus and gastroenteritis in hospitalized children, Italy.	Emerg Infect Dis	1/1/2004	12/31/2004	Italy	365	93	0	0	0	0	under5	Inpatient	Developed	0
24	Cunliffe	2010	Healthcare-associated Viral Gastroenteritis among Children in a Large Pediatric Hospital, United Kingdom	Emerging Infectious Diseases	1/1/2006	12/31/2007	England	351	54	0	0	0	0	other	Outpatient	Developed	1
25	Dai	2011	Molecular epidemiology of norovirus gastroenteritis in children in Jiangmen, China, 2005D2007	Archives of Virology	9/1/2005	8/1/2007	China	881	115	0	0	0	0	other	Outpatient	LMD	1
26	de Wit	2001	Gastroenteritis in sentinel general practices, The Netherlands.	Emerg Infect Dis	5/1/1996	4/1/1999	Netherlands	857	43	574	6	0	0	other	Outpatient	Developed	0

27	de Wit	2001	Sensor, a population-based cohort study on gastroenteritis in the Netherlands: incidence and etiology.	Am J Epidemiol 154	12/1/1998	12/1/1999	Netherlands	236	29	0	0	over5	Community	Developed	0
27	de Wit	2001	Sensor, a population-based cohort study on gastroenteritis in the Netherlands: incidence and etiology.	Am J Epidemiol 154	12/1/1998	12/1/1999	Netherlands	472	85	669	35	under5	Community	Developed	0
28	Deng	2009	[Comparative analysis on clinical manifestations for gastroenteritis caused by norovirus and rotavirus]	Chung-Hua Liu Hsing Ping Hsueh Tsa Chih Chinese Journal of Epidemiology	1/1/2002	12/31/2006	China	318	79	0	0	other	Inpatient	LMD	1
29	Dey	2011	Genetic Diversity and Emergence of Norovirus GII/4-2006b in Japan During 2006-2007	Clinical Laboratory	7/1/2006	6/1/2007	Japan	628	99	0	0	other	Unknown	Developed	1
30	Dey	2010	SEASONAL PATTERN AND GENOTYPE DISTRIBUTION OF NOROVIRUS INFECTION IN JAPAN	The Pediatric Infectious Disease Journal	7/1/1995	6/1/2007	Japan	6231	779	0	0	other	Unknown	Developed	1
31	Dove	2005	Detection and characterization of human caliciviruses in hospitalized children with acute gastroenteritis in Blantyre, Malawi.	J Med Virol 77	7/1/1998	6/1/1999	Malawi	398	26	0	0	under5	Inpatient	HMD	0
32	Estevez	2013	Prevalence and genetic diversity of norovirus among patients with acute diarrhea in guatemala	Journal of Medical Virology	10/1/2007	8/1/2010	Guatemala	528	114	0	0	other	Inpatient	HMD	0
32	Estevez	2013	Prevalence and genetic diversity of norovirus among patients with acute diarrhea in guatemala	Journal of Medical Virology	10/1/2007	8/1/2010	Guatemala	1875	227	0	0	other	Outpatient	HMD	0

33	Fazeli	2010	Hospital based study of Gastroenterology and prevalence and genotyping of Hepatology noroviruses and from Bed to sapoviruses isolated Bench acute gastroenteritis from children with referred to Masih Daneshvari hospital	2/1/2006	10/1/2008	Iran	47	10	0	0	0	other	Inpatient	LMD	1
34	Feng	2008	[Molecular epidemiological study on norovirus among children with acute diarrhea in Guangzhou]	12/1/2006	12/1/2007	China	1260	257	0	0	0	other	Unknown	LMD	1
35	Fernandez	2011	Noroviruses as cause of gastroenteritis in elderly patients	10/1/2000	9/1/2007	Spain	2026	131	0	0	0	under5	Unknown	Developed	1
35	Fernandez	2011	Noroviruses as cause of gastroenteritis in elderly patients	10/1/2000	9/1/2007	Spain	1998	186	0	0	0	over5	Unknown	Developed	1
36	Ferreira	2010	Surveillance of Norovirus Infections in the State of Rio De Janeiro, Brazil	1/1/2005	12/31/2008	Brazil	176	80	0	0	0	over5	Inpatient	LMD	1
36	Ferreira	2010	Surveillance of Norovirus Infections in the State of Rio De Janeiro, Brazil	1/1/2005	12/31/2008	Brazil	58	12	0	0	0	over5	Outpatient	LMD	1
36	Ferreira	2010	Surveillance of Norovirus Infections in the State of Rio De Janeiro, Brazil	1/1/2005	12/31/2008	Brazil	85	46	0	0	0	under5	Inpatient	LMD	1
36	Ferreira	2010	Surveillance of Norovirus Infections in the State of Rio De Janeiro, Brazil	1/1/2005	12/31/2008	Brazil	671	224	0	0	0	under5	Outpatient	LMD	1

37	Ferreira	2012	Assessment of Gastroenteric Viruses Frequency in a Children's Day Care Center in Rio De Janeiro, Brazil: A Fifteen Year Study (1994-2008)	PLoS ONE [Electronic Resource]	1/1/1994	12/31/2008	Brazil	130	44	0	0	0	0	under5	Community	LMD	1
38	Finamore	2011	G2 as an emerging rotavirus strain in pediatric gastroenteritis in southern Italy	Infection	1/1/2007	12/31/2008	Italy	421	134	0	0	0	0	under5	Outpatient	Developed	0
39	Galeano	2013	Molecular epidemiology of norovirus strains in paraguayen children during 2004-2005. Description of possible new GI4 cluster	Journal of Clinical Virology	1/1/2004	12/1/2005	Paraguay	378	161	0	0	0	0	under5	Inpatient	LMD	0
40	Gao	2011	Clinical and Molecular Epidemiologic Analyses of Norovirus-Associated Sporadic Gastroenteritis in Adults From Beijing, China	Journal of Medical Virology	10/1/2007	9/1/2008	China	403	48	0	0	0	0	over5	Outpatient	LMD	0
41	Gauci	2010	The aetiology of infectious intestinal disease in the community in Malta	Malta Medical Journal	4/1/2004	12/1/2005	Malta	30	6	0	0	0	0	other	Community	Developed	0
42	Giammanco	2012	Recombinant norovirus GI.12/GII.12 gastroenteritis in children	Infection, Genetics and Evolution	1/1/2009	3/1/2010	Italy	759	147	0	0	0	0	other	Inpatient	Developed	0
42	Giammanco	2012	Recombinant norovirus GI.12/GII.12 gastroenteritis in children	Infection, Genetics and Evolution	1/1/2009	3/1/2010	Italy	615	69	0	0	0	0	under5	Inpatient	Developed	0
43	Goldfarb	2013	Nanolitre real-time PCR detection of bacterial, parasitic, and viral agents from patients with diarrhoea in Nunavut, Canada	International Journal of Circumpolar Health	1/1/2010	6/1/2011	Canada	86	3	0	0	0	0	other	Inpatient	Developed	0

44	Gomez-Santiago	2012	Molecular characterization of human calicivirus associated with acute diarrheal disease in mexican children	Virology Journal	10/1/2005	12/1/2006	Mexico	414	128	0	0	0	0	under5	Unknown	LMD	0
45	Gong	2008	Molecular epidemiologic investigation of norovirus infections in Incheon city, Korea, from 2005 to 2007.	Journal of Bacteriology and Virology	1/1/2005	12/31/2007	Korea	6618	708	0	0	0	0	other	Unknown	LMD	1
46	Gonzalez	2011	Molecular Epidemiology of Enteric Viruses in Children with Sporadic Gastroenteritis in Valencia, Venezuela		1/1/2003	12/31/2003	Venezuela	480	61	0	0	0	0	under5	Impatient	LMD	0
47	Gonzalez-Galan	2011	High prevalence of community-acquired norovirus gastroenteritis among hospitalized children: a prospective study	Clinical Microbiology and Infection	4/1/2006	4/1/2007	Spain	399	107	0	0	0	0	under5	Impatient	Developed	1
48	Grant	2012	Epidemiologic and Clinical Features of Other Enteric Viruses Associated with Acute Gastroenteritis in American Indian Infants	The Journal of Pediatrics	3/1/2002	2/1/2004	United States	247	80	344	0	0	0	under5	Outpatient	Developed	1
49	Guo	2009	Genetic analysis of norovirus in children affected with acute gastroenteritis in Beijing, 2004D2007	Journal of Clinical Virology	3/1/2004	11/1/2007	China	1126	100	0	0	0	0	other	Impatient	LMD	1
50	Gutierrez-Escolano	2010	Human Caliciviruses Detected in Mexican Children Admitted to Hospital During 1998D2000, With Severe Acute Gastroenteritis Not Due to Other Enteropathogens	Journal of Medical Virology	3/1/1998	12/1/2000	Mexico	299	20	0	0	0	0	under5	Impatient	LMD	0

51	Hall	2011	Incidence of Acute Gastroenteritis and Role of Norovirus, Georgia, USA, 2004-2005	Emerging Infectious Diseases	3/1/2004	3/1/2005	United States	572	25	0	0	0	other	Outpatient	Developed	0
52	Han	2011	Emergence of norovirus GI-4/2008 variant and recombinant strains in Seoul, Korea	Archives of Virology	8/1/2008	2/1/2010	Korea	649	119	0	0	0	other	Inpatient	LMD	0
53	Hansman	2004	Detection of norovirus and sapovirus infection among children with gastroenteritis in Ho Chi Minh City, Vietnam.	Arch Virol	12/1/1999	11/1/2000	Vietnam	1339	72	0	0	0	other	Inpatient	LMD	0
54	Hansman	2004	Genetic diversity of norovirus and sapovirus in hospitalized infants with sporadic cases of acute gastroenteritis in Chiang Mai, Thailand.	J Clin Microbiol	7/1/2000	7/1/2001	Thailand	105	9	0	0	0	under5	Inpatient	LMD	0
55	Harada	2009	Surveillance of Pathogens in Outpatients With Gastroenteritis and Characterization of Sapovirus Strains Between 2002 and 2007 in Kumamoto Prefecture, Japan	Journal of Medical Virology	6/1/2002	12/1/2007	Japan	639	260	0	0	0	other	Outpatient	Developed	1
56	Zaafrane	2013	Prevalence and genetic diversity of norovirus infection in tunisian children (2007-2010)	Journal of Medical Virology	4/1/2007	4/1/2010	Tunisia	407	38	0	0	0	under5	Inpatient	LMD	0
57	Hemming	2013	Major reduction of rotavirus, but not norovirus, gastroenteritis in children seen in hospital after the introduction of RotaTeq vaccine into the national immunization programmed in Finland	European Journal of Pediatrics	9/1/2009	8/1/2011	Finland	330	111	0	0	0	other	Inpatient	Developed	0

58	Huh	2009	Viral etiology and incidence associated with acute gastroenteritis in a 5-year survey in Gyeonggi province, South Korea	Journal of Clinical Virology	1/1/2001	12/31/2005	Korea	10028	366	0	0	0	other	Unknown	LMD	1
58	Huh	2009	Viral etiology and incidence associated with acute gastroenteritis in a 5-year survey in Gyeonggi province, South Korea	Journal of Clinical Virology	1/1/2001	12/31/2005	Korea	366	225	0	0	0	under5	Unknown	LMD	1
59	Huhti	2011	Norovirus GI-4 Causes a More Severe Gastroenteritis Than Other Noroviruses in Young Children	Journal of Infectious Diseases	7/1/2000	6/1/2002	Finland	485	128	0	0	0	under5	Unknown	Developed	0
60	Huhulescu	2009	Etiology of Acute Gastroenteritis in Three Sentinel General Practices, Austria 2007	Infection	1/1/2007	12/31/2007	Austria	306	27	0	0	0	other	Outpatient	Developed	0
61	Jakab	2010	Epidemiological and clinical characterization of norovirus infections among hospitalized children in Baranya County, Hungary	Journal of Clinical Virology	5/1/2003	5/1/2005	Hungary	449	29	0	0	0	other	Inpatient	Developed	0
62	Jalilian	2012	Relative Frequency of Norovirus Infection in Children Suffering From Gastroenteritis and Referred to Aboozar Hospital, Ahvaz, Iran	Jundishapur Journal of Microbiology	1/1/2008	12/31/2009	Iran	143	9	0	0	0	under5	Inpatient	LMD	0
63	Jansen	2008	Aetiology of community-acquired, acute gastroenteritis in hospitalised adults: a prospective cohort study	BMC Infectious Diseases	8/1/2005	8/1/2007	Germany	104	18	0	0	0	over5	Inpatient	Developed	1
64	Jim	2008	Emergence of the GI/4/2006b Variant and Recombinant Noroviruses in China	Journal of Medical Virology	2/1/2006	1/31/2007	China	1110	114	0	0	0	under5	Inpatient	LMD	1

65	Jin	2009	Viral agents associated with acute gastroenteritis in children hospitalized with diarrhea in Lanzhou, China	Journal of Clinical Virology	7/1/2005	6/1/2007	China	544	50	0	0	0	under5	Inpatient	LMD	1
66	Junquera	2009	Prevalence and Clinical Characteristics of Norovirus Gastroenteritis Among Hospitalized Children in Spain	The Pediatric Infectious Disease Journal	1/1/2005	1/1/2008	Spain	352	61	0	0	0	under5	Inpatient	Developed	1
67	Kamel	2009	Predominance and Circulation of Enteric Viruses in the Region of Greater Cairo, Egypt	Journal of Clinical Microbiology	3/1/2006	2/1/2007	Egypt	230	62	0	0	0	other	Outpatient	LMD	1
68	Kaplan	2011	Detection and molecular characterisation of rotavirus and norovirus infections in Jordanian children with acute gastroenteritis	Archives of Virology	1/1/2006	12/31/2007	Jordan	368	42	0	0	0	other	Inpatient	LMD	1
69	Karsten	2009	Incidence and risk factors for community-acquired acute gastroenteritis in north-west Germany in 2004	European Journal of Clinical Microbiology and Infectious Diseases	1/1/2004	12/31/2004	Germany	1053	168	532	18	0	other	Outpatient	Developed	0
70	Khamrin, P., et al.,	2007	Genetic diversity of noroviruses and sapoviruses in children hospitalized with acute gastroenteritis in Chiang Mai, Thailand.	J Med Virol	3/1/2002	12/1/2004	Thailand	248	35	0	0	0	under5	Inpatient	LMD	1
71	Khamrin	2010	Emergence of New Norovirus Variants and Genetic Heterogeneity of Noroviruses and Sapoviruses in Children Admitted to Hospital With Diarrhea in Thailand	Journal of Medical Virology	1/1/2005	12/31/2005	Thailand	147	10	0	0	0	under5	Inpatient	LMD	0

72	Kim	2014	Molecular epidemiologic trends of diarrhea causing virus infection form clinica specimens in cheonan korea 2010-2012	Journal of Clinical Laboratory Analysis	7/1/2010	10/1/2012	Korea	276	132	0	0	0	other	Inpatient	LMD	0
73	Kirby	2011	Rotavirus and norovirus infections in children in Sana'a, Yemen	Tropical Medicine and International Health	11/1/2007	3/1/2009	Yemen	290	30	0	0	0	under5	Unknown	HMD	0
74	Kirkwood	2005	A 5-year study of the prevalence and genetic diversity of human caliciviruses associated with sporadic cases of acute gastroenteritis in young children admitted to hospital in Melbourne, Australia	J Med Virol	1/1/1998	12/31/2002	Australia	1233	108	0	0	0	under5	Inpatient	Developed	0
75	Kittigul	2010	Norovirus GII-4 2006b Variant Circulating in Patients With Acute Gastroenteritis in Thailand During a 2006D2007 Study	Journal of Medical Virology	1/1/2006	2/1/2007	Thailand	158	73	0	0	0	over5	Unknown	LMD	1
75	Kittigul	2010	Norovirus GII-4 2006b Variant Circulating in Patients With Acute Gastroenteritis in Thailand During a 2006D2007 Study	Journal of Medical Virology	1/1/2006	2/1/2007	Thailand	75	35	0	0	0	other	Outpatient	LMD	1
75	Kittigul	2010	Norovirus GII-4 2006b Variant Circulating in Patients With Acute Gastroenteritis in Thailand During a 2006D2007 Study	Journal of Medical Virology	1/1/2006	2/1/2007	Thailand	115	49	0	0	0	under5	Unknown	LMD	1
75	Kittigul	2010	Norovirus GII-4 2006b Variant Circulating in Patients With Acute Gastroenteritis in Thailand During a 2006D2007 Study	Journal of Medical Virology	1/1/2006	2/1/2007	Thailand	198	87	0	0	0	other	Inpatient	LMD	1

76	Kittigul	2009	Molecular Characterization of Rotaviruses, Noroviruses, Sapovirus, and Adenoviruses in Patients With Acute Gastroenteritis in Thailand	Journal of Medical Virology	Thailand	156	4	0	0	0	over5	Inpatient	LMD	1
76	Kittigul	2009	Molecular Characterization of Rotaviruses, Noroviruses, Sapovirus, and Adenoviruses in Patients With Acute Gastroenteritis in Thailand	Journal of Medical Virology	Thailand	106	13	0	0	0	under5	Inpatient	LMD	1
77	Koh	2008	Coinfection of Viral Agents in Korean Children with Acute Watery Diarrhea	Journal of Korean Medical Science	Korea	155	56	0	0	0	other	Inpatient	LMD	0
78	Koo	2012	Noroviruses- The most common pediatric viral enteric pathogen at a large university hospital after introduction of rotavirus vaccination	Journal of Pediatric Infectious Disease Society	USA	3222	353	0	0	0	other	Inpatient	Developed	1
79	Lai	2011	Gastroenteritis in a Taipei emergency department: aetiology and risk factors	Clinical Microbiology and Infection	Taiwan	335	108	0	0	0	over5	Inpatient	LMD	1
80	Lau (part I)	2004	High rate and changing molecular epidemiology pattern of norovirus infections in sporadic cases and outbreaks of gastroenteritis in Hong Kong.	J Med Virol 73	Hong Kong	240	24	0	0	0	over5	Inpatient	Developed	0
80	Lau (part I)	2004	High rate and changing molecular epidemiology pattern of norovirus infections in sporadic cases and outbreaks of gastroenteritis in Hong Kong.	J Med Virol 73	Hong Kong	906	77	0	0	0	over5	Outpatient	Developed	0

80	Lau (part I)	2004	High rate and changing molecular epidemiology pattern of norovirus infections in sporadic cases and outbreaks of gastroenteritis in Hong Kong.	J Med Virol 73	7/1/2001	6/1/2002	Hong Kong	495	99	0	0	0	under5	Impatient	Developed	0
80	Lau (part I)	2004	High rate and changing molecular epidemiology pattern of norovirus infections in sporadic cases and outbreaks of gastroenteritis in Hong Kong.	J Med Virol 73	7/1/2001	6/1/2002	Hong Kong	89	15	0	0	0	under5	Outpatient	Developed	0
81	Lee, J.I., et al.,	2007	Detection of human bocavirus in children hospitalized because of acute gastroenteritis.	J Infect Dis	1/1/2005	12/31/2006	South Korea	962	132	0	0	0	under5	Impatient	LMD	0
82	Lee	2009	Surveillance of Acute Gastroenteritis in Seoul, Korea, During May 2004 and June 2007	Journal of Bacteriology and Virology	5/1/2004	6/1/2007	Korea	6788	1282	0	0	0	other	Impatient	LMD	1
83	Leung	2010	Establishment of public norovirus genome database in Hong Kong	Hong Kong Medical Journal	12/1/2004	11/1/2006	China	687	90	0	0	0	other	Impatient	LMD	0
84	Levidiotou	2009	Viral agents of acute gastroenteritis in hospitalized children in Greece	Clinical Microbiology and Infection	1/1/2000	12/31/2006	Greece	4604	185	0	0	0	under5	Impatient	Developed	1
85	Li	2012	[Molecular and epidemiological study on among children under 5 years old in Nanjing]	Chinese Journal of Experimental & Clinical Virology	7/1/2010	6/1/2011	China	428	58	428	8	8	under5	Impatient	LMD	0
86	Liao	2011	The characterization of novovirus genotypes in children in Chongqing	Journal of Chongqing Medical University	8/1/2008	7/1/2009	China	806	251	0	0	0	other	Unknown	LMD	0
87	Lim	2013	Molecular epidemiology of norovirus in singapore- 2004-2011	Journal of Medical Virology	9/1/2004	2/1/2011	Singapore	1060	312	0	0	0	other	Impatient	Developed	1

88	Lin	2012	Detection and typing assay of norovirus in acute hospitalizations among children less than 5 years old from 2008 to 2009 in Lulong, Hebei province	Chinese J Exp Clin Virol	10/1/2008	8/31/2009	China	325	37	0	0	0	under5	Inpatient	LMD	0
89	Liu	2013	Molecular epidemiological survey on seven viral pathogens in children with diarrhea disease in Urumqi area in 2011	Chin J Microbiol Immunol	1/1/2011	12/31/2011	China	315	38	0	0	0	under5	Unknown	LMD	0
90	Liu	2010	Identification of Norovirus as the Top Enteric Viruses Detected in Adult Cases with Acute Gastroenteritis	The American Journal of Tropical Medicine and Hygiene	7/1/2007	6/1/2008	China	557	148	0	0	0	over5	Inpatient	LMD	0
91	Lorrot	2011	Epidemiology and clinical features of gastroenteritis in hospitalised children: prospective survey during a 2-year period in a Parisian hospital, France	European Journal of Clinical Microbiology and Infectious Diseases	11/1/2001	5/1/2004	France	23	2	0	0	0	over5	Inpatient	Developed	1
91	Lorrot	2011	Epidemiology and clinical features of gastroenteritis in hospitalised children: prospective survey during a 2-year period in a Parisian hospital, France	European Journal of Clinical Microbiology and Infectious Diseases	11/1/2001	5/1/2004	France	434	46	0	0	0	under5	Inpatient	Developed	1
92	Mahar	2011	Characterization of Norovirus Strains in Australian Children From 2006 to 2008: Prevalence of Recombinant Strains	Journal of Medical Virology	4/1/2006	12/1/2008	Australia	272	86	0	0	0	other	Inpatient	Developed	1

93	Malasao	2008	Genetic Diversity of Norovirus, Sapovirus, and Astrovirus Isolated From Children Hospitalized With Acute Gastroenteritis in Chiang Mai, Thailand	Journal of Medical Virology	5/1/2000	3/1/2002	Thailand	296	24	0	0	0	0	0	0	0	0	0	Inpatient	LMD	0
94	Mans	2010	Emerging norovirus GII.4 2008 variant detected in hospitalised paediatric patients in South Africa	Journal of Clinical Virology	1/1/2008	12/31/2008	South Africa	245	35	0	0	0	0	0	0	0	0	0	Inpatient	HMD	0
95	Mans	2014	Human caliciviruses detected in HIV seropositive children in kenya	Journal of Medical Virology	2/1/1999	6/1/2000	Kenya	105	18	0	0	0	0	0	0	0	0	0	Community	HMD	0
96	Manso	2013	Role of norovirus in acute gastroenteritis in northwest of spain during 2010-2011	Journal of Medical Virology	7/1/2010	6/1/2011	Spain	1093	322	0	0	0	0	0	0	0	0	0	Inpatient	Developed	0
96	Manso	2013	Role of norovirus in acute gastroenteritis in northwest of spain durin 2010-2011	Journal of Medical Virology	7/1/2010	6/1/2011	Spain	1550	425	0	0	0	0	0	0	0	0	0	Inpatient	Developed	0
96	Manso	2013	Role of norovirus in acute gastroenteritis in northwest of spain durin 2010-2011	Journal of Medical Virology	7/1/2010	6/1/2011	Spain	2643	747	0	0	0	0	0	0	0	0	0	Inpatient	Developed	0
97	Marshall	2003	Incidence and characteristics of endemic Norwalk-like virus-associated gastroenteritis.	J Med Virol	9/1/1997	2/1/1999	Australia	638	73	0	0	0	0	0	0	0	0	0	Community	Developed	0
98	Maslin	2008	Detection and Characterization of Human Caliciviruses Associated with Sporadic Acute Diarrhea in Adults in Djibouti (Horn of Africa)	The American Journal of Tropical Medicine and Hygiene	9/1/2002	2/1/2004	Djibouti	75	14	0	0	0	0	0	0	0	0	0	Inpatient	HMD	1
99	Mason	2013	Campylobacter infection in children in malawi is common and is frequently associated with enteric virus co-infections	PLoS ONE [Electronic Resource]	7/1/1997	6/1/2007	Malawi	1659	192	0	0	0	0	0	0	0	0	0	Inpatient	HMD	1

99	Mason	2013	Campylobacter infection in children in malawi is common and is frequently associated with enteric virus co-infections	PLoS ONE [Electronic Resource]	7/1/1997	6/1/2007	Malawi	282	20	0	0	0	other	Inpatient	HMD	1
100	Mattison	2010	Molecular Detection and Characterization of Noroviruses From Children in Botswana	Journal of Medical Virology	1/1/2000	12/31/2006	Botswana	74	16	26	8	8	other	Inpatient	HMD	1
101	Medici	2012	Molecular Detection and Epidemiology of Astrovirus, Bocavirus, and Sapovirus in Italian Children Admitted to Hospital With Acute Gastroenteritis, 2008-2009	Journal of Medical Virology	1/1/2008	12/31/2009	Italy	1137	214	0	0	0	other	Inpatient	Developed	0
102	Zeng (Mei)	2011	Prevalence and Genetic Diversity of Norovirus in Outpatient Children with Acute Diarrhea in Shanghai, China	Japanese Journal of Infectious Diseases	8/1/2008	7/1/2009	China	910	165	0	0	0	other	Inpatient	LMD	0
103	Menon	2013	Norovirus genogroup II gastroenteritis in hospitalized children in south india	American Journal of Tropical Medicine and Hygiene	1/1/2005	1/1/2006	India	282	28	0	0	0	under5	Inpatient	HMD	0
104	Monica, B., et al.,	2007	Human caliciviruses in symptomatic and asymptomatic infections in children in Vellore, South India.	J Med Virol	12/1/2001	12/1/2004	India	500	38	173	7	7	under5	Community	HMD	1
104	Monica, B., et al.,	2007	Human caliciviruses in symptomatic and asymptomatic infections in children in Vellore, South India.	J Med Virol	12/1/2001	12/1/2004	India	350	53	0	0	0	under5	Inpatient	HMD	1
105	Muhsen	2013	Incidence and characteristics of sporadic norovirus gastroenteritis associated with hospitalization of children less than 5 years of age in Isarel	The Pediatric Infectious Disease Journal	11/1/2007	12/1/2010	Isarel	515	89	0	0	0	under5	Inpatient	Developed	0

106	My	2013	Endemic norovirus infections in children, ho chi minh city, vietnam 2009-2010	Emerg Infect Dis	5/1/2009	12/1/2010	Vietnam	1419	241	609	15	under5	Impatient	LMD	0
107	Nahar	2013	High prevalence of noroviruses among hospitalized diarrheal patients in Bangladesh, 2011	J Infect Dev Ctries	1/1/2011	12/31/2011	Bangladesh	257	73	0	0	other	Impatient	HMD	0
108	Nakanishi	2009	Detection of enteric viruses in rectal swabs from children with acute gastroenteritis attending the pediatric outpatient clinics in Sapporo, Japan	Journal of Clinical Virology	12/1/2003	12/31/2005	Japan	877	116	0	0	other	Outpatient	Developed	0
109	Nayak	2009	A new variant of Norovirus GI.4/2007 and inter-genotype recombinant strains of NVGII causing acute watery diarrhoea among children in Kolkata, India	Journal of Clinical Virology	7/1/2006	9/1/2007	India	111	21	0	0	under5	Outpatient	HMD	1
110	Neesanant	2013	Optimization of one-step real-time reverse transcription-polymerase chain reaction assays for norovirus detection and molecular epidemiology of noroviruses in Thailand	Journal of Virological Methods	1/1/2005	11/30/2006	Thailand	500	119	441	30	under5	Impatient	LMD	0
111	Nguyen	2008	Norovirus and Sapovirus Infections among Children with Acute Gastroenteritis in Ho Chi Minh City during 2005D2006	Journal of Tropical Pediatrics	12/1/2005	11/1/2006	China	502	32	0	0	other	Impatient	LMD	0
112	Oh	2003	Viral agents of acute gastroenteritis in German children: prevalence and molecular diversity.	J Med Virol	2/1/2001	1/1/2002	Germany	217	45	50	2	other	Impatient	Developed	0

113	Omishi	2008	Molecular epidemiology of norovirus gastroenteritis in Soma, Japan, 2001D2003	Pediatrics International	9/1/2001	8/1/2003	Japan	515	66	0	0	0	0	other	Inpatient	Developed	1
114	Ouyang	2012	Etiology and epidemiology of viral diarrhea in children under the age of five hospitalized in Tianjin, China	Archives of Virology	4/1/2008	4/1/2009	China	766	64	0	0	0	0	under5	Inpatient	LMD	0
115	Ozkul	2011	Frequency and phylogeny of norovirus in diarrhetic children in Istanbul, Turkey	Journal of Clinical Virology	4/1/2008	8/1/2009	Turkey	238	36	0	0	0	0	other	Inpatient	Developed	0
116	Pang	1999	Human caliciviruses-associated sporadic GE in Finnish < 2 during RV trial	PIDJ	9/1/1993	6/1/1995	Finland	1477	313	47	0	0	0	under5	Community	Developed	0
117	Papaventis, D.C., et al.,	2007	Norovirus infection in children with acute gastroenteritis, Madagascar, 2004-2005.	Emerg Infect Dis	5/1/2004	5/1/2005	Madagascar	237	14	0	0	0	0	other	Inpatient	HMD	0
118	Park	2012	Updates on the genetic variations of Norovirus in sporadic gastroenteritis in Chungnam Korea, 2009.	Virology Journal	1/1/2008	12/31/2010	Korea	2257	295	0	0	0	0	under5	Inpatient	LMD	0
118	Park	2012	Updates on the genetic variations of Norovirus in sporadic gastroenteritis in Chungnam Korea, 2009.	Virology Journal	1/1/2008	12/31/2010	Korea	2382	96	0	0	0	0	over5	Inpatient	LMD	0
119	Park	2012	Characterization of norovirus infections in Seoul, Korea	Microbiology and Immunology Clinical Laboratory	3/1/2008	3/31/2011	Korea	7002	710	0	0	0	0	other	Inpatient	LMD	0
120	Park	2011	Viral Agents Associated with Acute Gastroenteritis in Seoul, Korea	NEJM	2/1/2004	12/1/2008	Korea	10603	1845	0	0	0	0	under5	Inpatient	LMD	1
121	Payne	2013	Norovirus and Medically Attended Gastroenteritis in US Children	NEJM	10/1/2008	9/30/2010	USA	514	86	0	0	0	0	under5	Inpatient	Developed	0

121	Payne	2013	Norovirus and Medically Attended Gastroenteritis in US Children	NEJM	10/1/2008	9/30/2010	USA	595	139	0	0	0	0	under5	Impatient	Developed	0
121	Payne	2013	Norovirus and Medically Attended Gastroenteritis in US Children	NEJM	10/1/2008	9/30/2010	USA	186	53	0	0	0	0	under5	Outpatient	Developed	0
122	Phan	2006	Changing distribution of norovirus genotypes and genetic analysis of recombinant GIIb among infants and children with diarrhea in Japan.	J Med Virol	7/1/2003	6/1/2004	Japan	402	58	0	0	0	0	other	Outpatient	Developed	0
123	Phan	2005	Viral Diarrhea in Japanese Children: Results from a One-Year Epi Study	Clin Lab	7/1/2002	6/1/2003	Japan	557	106	0	0	0	0	other	Outpatient	Developed	1
124	Phan	2006	Detection and Genetic Characterization of NoV Strains circulating among Infants and children with AGE in Japan during 2004-2005	Clin Lab.	7/1/2004	6/1/2005	Japan	752	139	0	0	0	0	other	Outpatient	Developed	0
125	Phan	2012	Acute Diarrhea in West African Children: Diverse Enteric Viruses and a Novel Parvovirus Genus	Journal of Virology	11/1/2008	2/28/2010	Burkina Faso	49	7	0	0	0	0	under5	Unknown	HMD	0
126	Podkolzin	2009	Hospital-based surveillance of rotavirus and other viral agents of diarrhea in children and adults in Russia, 2005-2007	Journal of Infectious Diseases	1/1/2005	12/31/2007	Russia	1354	161	0	0	0	0	overs	Impatient	Developed	1
126	Podkolzin	2009	Hospital-based surveillance of rotavirus and other viral agents of diarrhea in children and adults in Russia, 2005-2007	Journal of Infectious Diseases	1/1/2005	12/31/2007	Russia	2848	356	0	0	0	0	under5	Impatient	Developed	1

127	Puustinen	2012	Norovirus genotypes in endemic acute gastroenteritis of infants and children in Finland between 1994 and 2007	Epidemiology & Infection	1/1/1993	12/31/2007	Finland	4727	1172	0	0	0	0	0	under5	Community	Developed	1
128	Puustinen	2011	Noroviruses as a major cause of acute gastroenteritis in children in Finland, 2009-2010	Scandinavian Journal of Infectious Diseases	9/1/2009	8/1/2010	Finland	195	49	0	0	0	0	0	other	Unknown	Developed	0
129	Rachakonda	2008	Genetic diversity of noroviruses and sapoviruses in children with acute sporadic gastroenteritis in New Delhi, India	Journal of Clinical Virology	1/1/2001	12/31/2001	India	226	36	0	0	0	0	0	other	Outpatient	HMD	0
130	Rahman	2010	Molecular detection of noroviruses in hospitalized patients in Bangladesh	European Journal of Clinical Microbiology and Infectious Diseases	1/1/2004	12/31/2005	Bangladesh	189	37	0	0	0	0	0	other	Inpatient	HMD	0
131	Rahman	2013	Norovirus Variant GII.4/Sydney/2012, Bangladesh	Emerging Infectious Diseases	12/1/2011	12/31/2012	Bangladesh	795	254	0	0	0	0	0	other	Inpatient	HMD	0
132	Ramirez	2009	Emerging GII.4 norovirus variants affect children with diarrhea in Palermo, Italy in 2006	Journal of Medical Virology	1/1/2005	12/31/2006	Italy	465	97	0	0	0	0	0	under5	Inpatient	Developed	0
133	Rasanen	2011	Noroviruses in children seen in a hospital for acute gastroenteritis in Finland	European Journal of Pediatrics	9/1/2006	8/1/2008	Finland	759	196	0	0	0	0	0	other	Inpatient	Developed	1
134	Ribeiro	2008	Hospitalization due to norovirus and genotypes of pediatric patients, state of Espirito Santo	Memórias do Instituto Oswaldo Cruz	7/1/2004	11/1/2006	Brazil	68	27	0	0	0	0	0	other	Inpatient	LMD	0
135	Rimoldi	2011	Epidemiological and clinical characteristics of pediatric gastroenteritis associated with new viral agents	Archives of Virology	1/1/2008	10/1/2009	Italy	154	25	0	0	0	0	0	other	Inpatient	Developed	0

136	Rivera	2011	Norovirus prevalence in (pathogen negative ^v) gastroenteritis in children from periurban areas in Lima	Peru ^u	9/1/2006	7/1/2008	Peru	224	39	0	0	0	unders	Community	HMD	1
137	Romani	2012	Prevalence of Norovirus Infection in Children and Adults with Acute Gastroenteritis, Tehran, Iran, 2008-2009	Food and Environmental Virology	5/1/2008	5/1/2009	Iran	293	26	0	0	0	other	Inpatient	LMD	0
138	Rovida	2013	Molecular detection of gastrointestinal viral infections in hospitalized patients	Diagnostic Microbiology and Infectious Disease	4/1/2011	4/30/2012	Italy	689	53	0	0	0	other	Inpatient	Developed	0
139	Sai	2013	Epidemiology and clinical features of rotavirus and norovirus infection among children in Ji'nan, China	Virology Journal	2/1/2011	1/31/2012	China	502	58	0	0	0	unders	Outpatient	LMD	0
139	Sai	2013	Epidemiology and clinical features of rotavirus and norovirus infection among children in Ji'nan, China	Virology Journal	2/1/2011	1/31/2012	China	265	22	0	0	0	unders	Inpatient	LMD	0
140	Sai	2013	Clinical and molecular epidemiology of norovirus infection in adults with acute gastroenteritis in Ji'nan, China	Arch Virol	6/1/2010	5/31/2011	China	480	42	0	0	0	overs	Outpatient	LMD	0
141	Saito	2014	Multiple Norovirus Infections in a Birth Cohort in a Peruvian Periurban Community	Clinical Infectious Diseases	6/1/2007	4/30/2011	Peru	1495	341	0	0	0	unders	Community	HMD	0
142	Sanchez-Fauquier	2011	Global study of viral diarrhea in hospitalized children in Spain: Results of Structural Surveillance of Viral Gastroenteritis Net Work (VIGESS-net) 2006D2008	Journal of Clinical Virology	3/1/2006	3/1/2008	Spain	2048	547	0	0	0	unders	Inpatient	Developed	1

143	Sanchez-Fauquier	2006	Human RV G9 and G3 as Major Cause of Diarrhea in Hospitalized children, Spain	EIDJ 2006; 12(10)1536-41	1/1/2005	1/1/2006	Spain	656	79	0	0	0	0	under5	Inpatient	Developed	0
144	Saupe	2013	Norovirus Surveillance among Callers to Foodborne Illness Complain Hotline, Minnesota, USA, 2011-2013	Emerging Infectious Diseases	10/1/2011	1/31/2013	USA	241	127	0	0	0	0	other	Community	Developed	0
145	Schnagl	2000	Prevalence and genomic variation of Norwalk-like viruses in central Australia in 1995-1997.	Acta Virol 44	1/1/1995	12/31/1997	Australia	360	9	0	0	0	0	other	Inpatient	Developed	0
146	Sdiri-Loulizi	2009	Molecular Epidemiology of Norovirus Gastroenteritis Investigated Using Samples Collected from Children in Tunisia during a Four-Year Period: Detection of the Norovirus Variant GGII.4 Hunter as Early as January 2003	Journal of Clinical Microbiology	1/1/2003	4/1/2007	Tunisia	788	128	0	0	0	0	other	Unknown	LMD	1
147	Sdiri-Loulizi, K., et al.,	2008	Acute infantile gastroenteritis associated with human enteric viruses in Tunisia.	J Clin Microbiol	1/1/2003	6/1/2005	Tunisia	252	61	1233	5	0	0	other	Inpatient	LMD	0
147	Sdiri-Loulizi, K., et al.,	2008	Acute infantile gastroenteritis associated with human enteric viruses in Tunisia.	J Clin Microbiol	1/1/2003	6/1/2005	Tunisia	380	49	248	3	0	0	other	Outpatient	LMD	0
148	Seo	2012	Prevalence of Viruses with Diarrhea among Hospitalized Children West Gyeonggi Province	Korean J Pediatr Infect Dis	1/1/2009	12/31/2009	Korea	310	1	0	0	0	0	other	Inpatient	LMD	0
149	Sukhrie	2011	Using Molecular Epidemiology To Trace Transmission of Nosocomial Norovirus Infection	Journal of Clinical Microbiology	7/1/2002	6/1/2007	see comments	2458	264	0	0	0	0	other	Inpatient	Developed	1

150	Takamashi	2009	Detection, genetic characterization, and quantification of norovirus RNA from sera of children with gastroenteritis	Journal of Clinical Virology	12/1/2005	12/1/2006	Japan	56	39	0	0	0	other	Inpatient	Developed	0
151	Tam	2012	Changes in Causes of Acute Gastroenteritis in the United Kingdom Over 15 Years: Microbiologic Findings From 2 Prospective, Population-Based Studies of Infectious Intestinal Disease	Clinical Infectious Diseases	4/1/2008	8/1/2009	UK	782	129	0	0	0	other	Community	Developed	0
152	Tan	2010	[Norovirus infection in adults with sporadic gastroenteritis during 2007-2008 in Nanning Municipal]	Zhongguo Jihua Mianyi	1/1/2007	12/31/2008	China	696	183	0	0	0	over5	Outpatient	LMD	0
153	Tang	2013	Epidemiological and molecular analysis of human norovirus infections in Taiwan during 2011 and 2012	BMC Infectious Diseases	8/1/2011	7/31/2012	Taiwan	155	17	98	7	0	other	Unknown	LMD	0
154	Thongprachum	2014	Molecular epidemiology of norovirus associated with gastroenteritis and emergence of norovirus GI.4 variant 2012 in Japanese pediatric patients	Infection, Genetics and Evolution	7/1/2009	6/30/2013	Japan	2381	936	0	0	0	other	Outpatient	Developed	0
155	Tramor	2013	Detection and Molecular Characterisation of Noroviruses in Hospitalised Children in Malawi, 1997-2007	Journal of Medical Virology	7/1/1997	6/30/2007	Malawi	1941	220	0	0	0	under5	Inpatient	HMD	1
156	Trang	2012	Detection and Molecular Characterization of Noroviruses and Sapoviruses in Children Admitted to Hospital With Acute Gastroenteritis in Vietnam	Journal of Medical Virology	11/1/2007	10/1/2008	Vietnam	501	180	0	0	0	under5	Inpatient	LMD	0

157	Victoria, M., et al., 2007	Prevalence and molecular epidemiology of noroviruses in hospitalized children with acute gastroenteritis in Rio de Janeiro, Brazil, 2004.	Pediatr Infect Dis J	1/1/2004	12/31/2004	Brazil	318	65	0	0	0	other	Inpatient	LMD	0
158	Wiegering 2011	Gastroenteritis in childhood: a retrospective study of 650 hospitalized pediatric patients	International Journal of Infectious Diseases	4/1/2005	5/1/2008	Germany	598	188	0	0	0	other	Inpatient	Developed	1
159	Wolfaardt 1997	Incidence of human calicivirus and rotavirus infection in patients with gastroenteritis in South Africa	Jo Med Virol	10/1/1991	10/1/1995	South Africa	1296	32	0	0	0	other	Inpatient	HMD	0
160	Won 2013	Full-Genomic Analysis of a Human Norovirus Recombinant GII.12/13 Novel Strain Isolate from South Korea	PLOS One	12/1/2004	11/30/2007	South Korea	500	20	0	0	0	under5	Inpatient	LMD	1
161	Xu 2009	Molecular Epidemiology of Norovirus Infection Among Children With Acute Gastroenteritis in Shanghai, China, 2001D2005	Journal of Medical Virology	1/1/2001	12/31/2005	China	484	45	0	0	0	under5	Inpatient	LMD	1
162	Yang 2010	Epidemiology and Clinical Peculiarities of Norovirus and Rotavirus Infection in Hospitalized Young Children with Acute Diarrhea in Taiwan, 2009	Journal of Microbiology, Immunology and Infection	1/1/2009	12/31/2009	Taiwan	989	144	0	0	0	under5	Inpatient	LMD	0
163	Yao 2012	Pathogens causing viral diarrhea in children aged <=5 years in Xinhuang, Hunan, 2009-2011	Disease Surveillance	1/1/2008	12/31/2011	China	1063	94	0	0	0	under5	Inpatient	LMD	0

164	Yonenda	2014	Epidemiological Characteristics of Norovirus Associated with Sporadic Gastroenteritis among Children from the 2006/2007 to 2011/2012 Season in Nara Prefecture, Japan	Japan	1159	274	0	0	0	other	Inpatient	Developed	1
165	Yoon, J.S., et al.,	2008	Molecular Epidemiology of Norovirus Infections in Children with Acute Gastroenteritis in South Korea, November 2005 through November 2006.	South Korea	762	114	0	0	0	under5	Inpatient	LMD	0
166	Yu	2011	Molecular epidemiological survey on children with viral diarrhea in Tangshan	China	1100	258	0	0	0	other	Unknown	LMD	0
167	Zeng	2010	[Epidemiological surveillance of norovirus and rotavirus diarrhea among outpatient children in five metropolitan cities]	China	5091	1049	0	0	0	other	Outpatient	LMD	0
168	Zeng	2012	Clinical and Molecular Epidemiology of Norovirus Infection in Childhood Diarrhea in China	China	317	81	0	0	0	other	Inpatient	LMD	0
168	Zeng	2012	Clinical and Molecular Epidemiology of Norovirus Infection in Childhood Diarrhea in China	China	4123	1067	0	0	0	other	Outpatient	LMD	0
169	Zeng	2010	Norovirus gastroenteritis in young children receiving human rotavirus vaccine	Finland	485	155	0	0	0	under5	Community	Developed	0
170	Zhang	2012	Surveillance of viral diarrhea in Shenzhen in 2010	China	925	186	0	0	0	other	Unknown	LMD	0

171	Zhang	2009	Norovirus infection among diarrhea cases in Shenzhen, 2008	Disease Surveillance	1/1/2008	12/31/2008	China	606	147	0	0	0	other	Unknown	LMD	0
172	Zhang	2011	Symptomatic and Asymptomatic Infections of Rotavirus, Norovirus, and Adenovirus Among Hospitalized Children in Xi'an, China	Journal of Medical Virology	3/1/2009	5/1/2010	China	201	41	53	19	0	under5	Inpatient	LMD	0
173	Zheng	2013	Detection of noroviruses from viral infectious diarrhea patients in Jiading, Shanghai	Chinese Journal of Zoonoses	3/1/2008	2/28/2010	China	572	53	0	0	0	other	Inpatient	LMD	0
174	Zhuge	2011	Detection and typing of caliciviruses from patients with acute diarrhea in Hangzhou area	Chinese Journal of Epidemiology	7/1/2009	8/31/2010	China	920	195	0	0	0	other	Unknown	LMD	0
175	Zintz	2005	Prevalence and genetic characterization of caliciviruses among children hospitalized for acute gastroenteritis in the United States.	Infect Genet Evol 5	11/1/1997	12/1/1999	US	1840	131	0	0	0	under5	Inpatient	Developed	0

Fig. S1A: All Studies, by Age

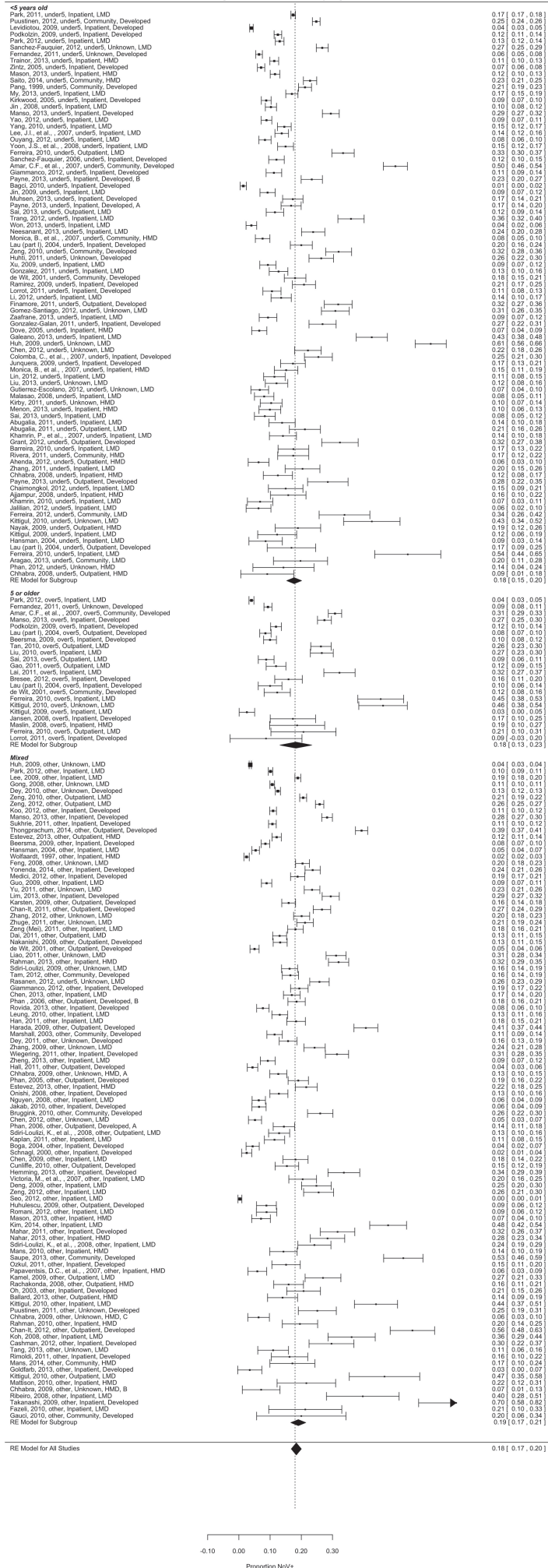


Fig. S1B: All Studies, by Setting

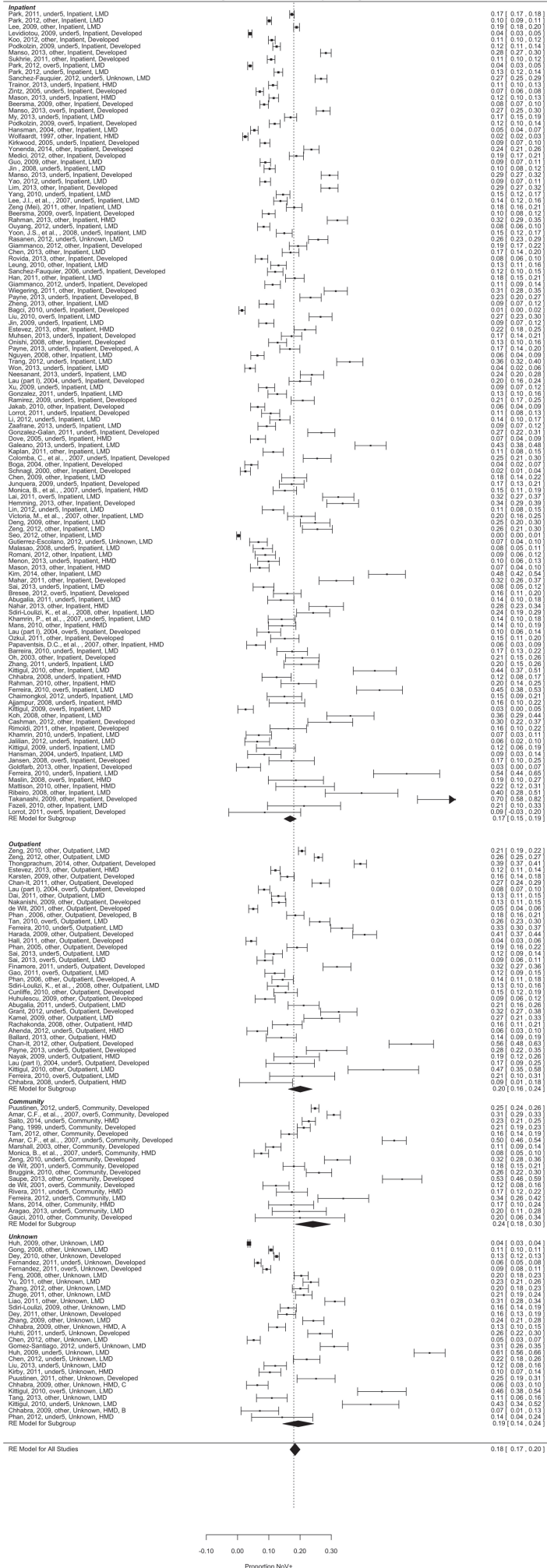
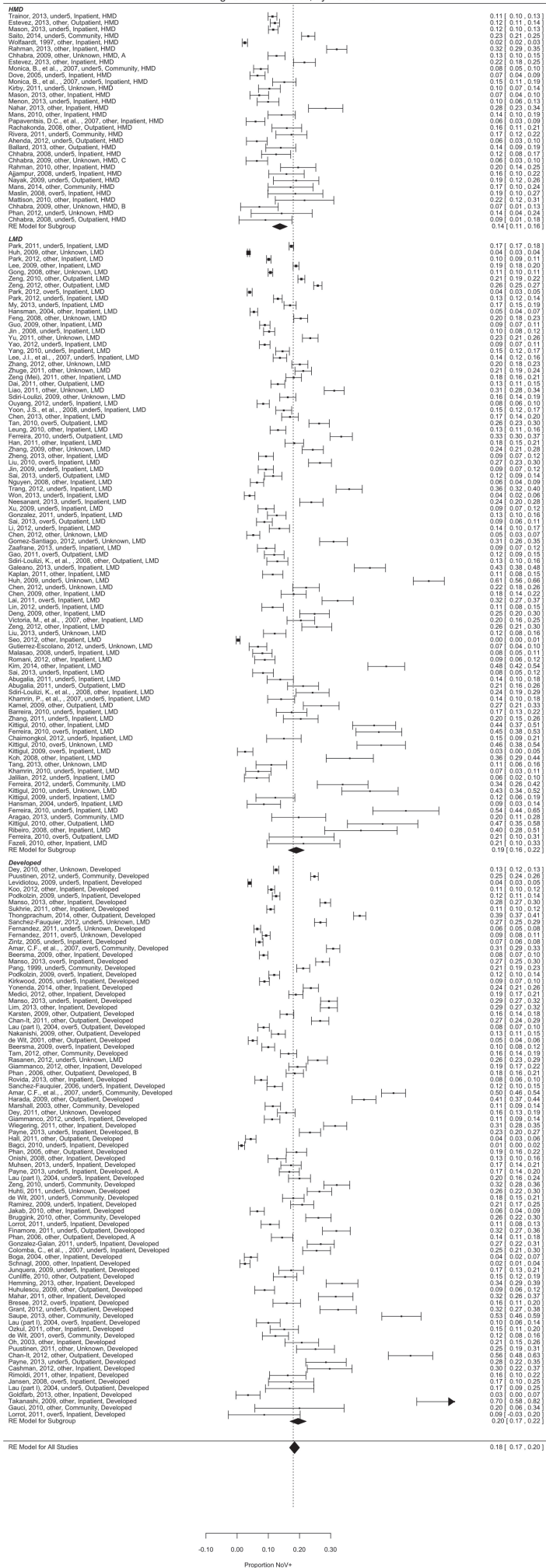


Fig. S1C: All Studies, by Dev. Index



0.10 0.00 0.10 0.20 0.30
Proportion Nev+

Fig. S1D: All Studies, by Strain

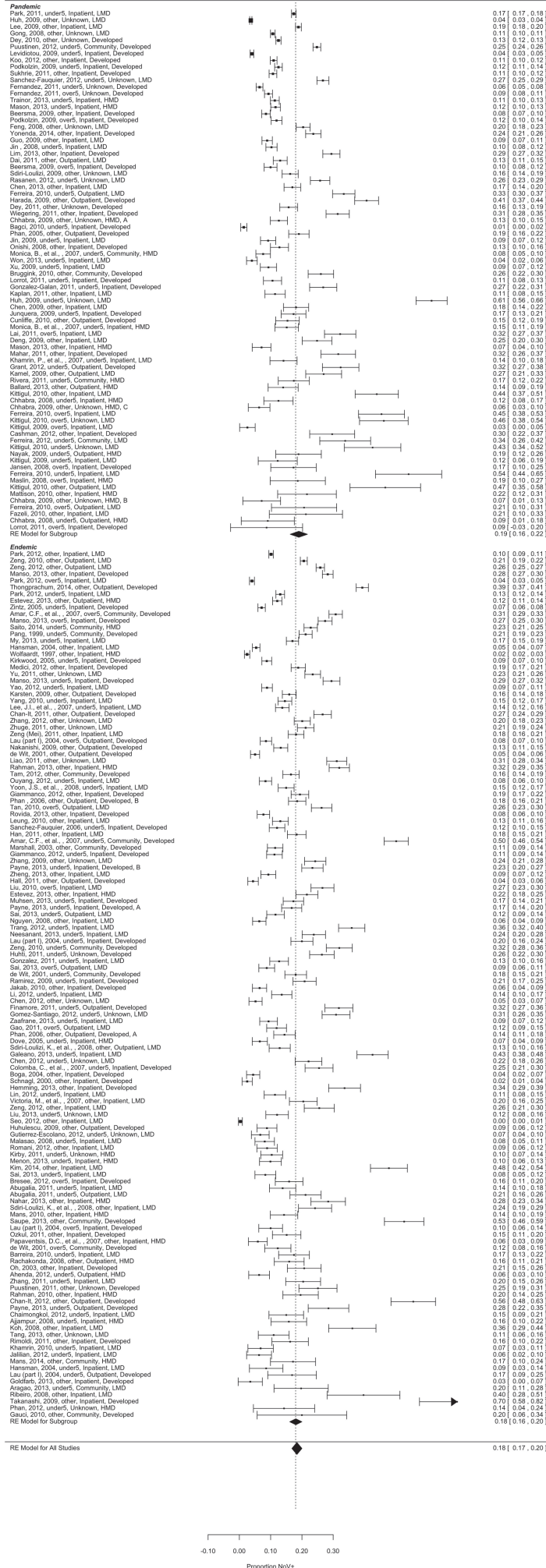


Fig. S2: Alternate Age Stratification

