

Table 1. Extracted datasets from accepted articles

Article	DS	Outcome	RMGIC	GIC
Brooks et al. (1997)	001	Cumulative Fluoride Release	Fuji II LC	Fuji II
	002			
Robertello et al. (1999)	003	Cumulative Fluoride Release	Vitremer	Ketac Cem
	004		Advance	Fuji I
Gao et al. (2000)	005	Cumulative Fluoride Release	Fuji II LC	Fuji IX GP
	006			
	007			
Musa et al. (1996)	008	Cumulative Fluoride Release	Vitremer	Chem Fil Superior
	009			
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Rothwell et al. (1998)	015	Cumulative Fluoride Release	Fuji II LC	Fuji IX
	016			
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	021			
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Freedman et al. (2003)	023	Fluoride release at time intervals	Photac Fil	Ketac Fil
	024			
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	026			
	027			
	028			
Yap et al. (2002)	029	Fluoride release at time intervals	Fuji II LC	Fuji II
	030			
	031			
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Silva et al. (2007)	039	Cumulative Fluoride Release	Fuji II LC	Ketac Fil
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	041			
	042			
	043			
Kuvvetli et al. (2006)	044	Fluoride release at time intervals	Multicure	Meron
	045			
	046			
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	049			
Pedrini et al. (2003)	050	Cumulative Fluoride Release	Vitremer	Ketac Fil
	051			
Hayacibara et al. (2004)	052	Cumulative Fluoride Release	Vitremer	Ketac Fil
	053			
	054			
Hsu et al. (2004)	055	Fluoride release at time intervals	Vitremer	Fuji IX GP
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	088			
Dionysopoulos et al. (2003)	089	Fluoride release at time intervals	Vitremmer	Ketac Molar
	090			
	091			
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	098			
	099			
Yap et al. (1999)	100	Cumulative Fluoride Release	Fuji II LC	Fuji II
	101			
	102			
	103			
	104			
	105			
Okuyama et al. (2006)	106	Fluoride release at time intervals	Fuji II LC	Fuji II
Attar et al. (2003)	107	Fluoride release at time intervals	Vitremmer	Chem Flex
	108			
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	111			
	112			
Xu et al. (2003)	113	Cumulative Fluoride Release	Photac Fil	Miracle Mix
	114		Vitremer	Ketac Silver
	115		Fuji II LC	Fuji IX
Preston et al. (2001)	116	Fluoride release at time intervals	Vitremer	Chem Fil
	117		Photac Fil	Ketac Fil
Hotta et al. (2001)	118	Cumulative Fluoride Release	Fuji II LC	HY-bond Glass-ionomer F
	119			
	120			
	121		Vitremmer	Chelon Fil
	122			
	123			
Gao et al. (2001)	124	Fluoride release at time intervals	Photac Fil	GI-1
	125			
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	134		Photac Fil Quick	Ketac Molar
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Vermeersch et al. (2001)	144	Cumulative Fluoride Release	Photac-Fil Aplicap	Ketac Fil
	145		Fuji II LC	Ketac Molar
	146		Fuji II LC improved	Fuji II
	147			
	148			
	149		Vitrebond	Fuji IX
	150		Vitremer	Hi Dense (Silver-reinforced GIC)
Vieira et al. (1999)	151	Fluoride release at time intervals	Vitremer	Chelon Fil
	152			
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Nagamine et al. (1997)	161	Cumulative Fluoride Release	Fuji II LC	Fuji II
	162			
	163			
Kan et al. (1997)	164	Fluoride release at time intervals	Vitremer	Ketac Fil
	165			
	166			
Tam et al. (1997)	167	Cumulative Fluoride Release	Vitremer	Chem Fil
	168			
	169			
	170			
Xu et al. (2000)	171	Cumulative Fluoride Release	Vitremer	Ketac Bond
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DS = dataset number; RMGIC = resin-modified glass-ionomer cement; GIC = glass-ionomer cement