

Table 1. Extracted datasets from accepted articles

Article	DS	Outcome	Composite	GIC
Yap et al. (1999)	001	Cumulative Fluoride Release	Tetric Ceram	Fuji II Cap
	002			
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	006			
Okuyama et al. (2006)	007	Fluoride release at time intervals	Unifil F	Fuji Ionomer Type II
Itota et al. (2005)	008	Cumulative Fluoride Release	Unifil S	Ketac Fil Plus Aplicap
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Itota T et al. (2004)	015	Fluoride release at time interval - using ion-selective electrode (ISE)	Heliomolar	Ketac Fil Plus Aplicap
	016			
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	021	Fluoride release at time interval -using ion Chromatograph (IC)		
	022			
	023			
	024			
	025			
	026	Cumulative Fluoride Release - using ion Chromatograph (IC)		
	027			
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030				
Attar et al. (2003)	031	Fluoride release at time interval	Heliomolar Flow	Chem Flex
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	036		Tetric Flow	Chem Flex Seringa
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Xu et al. (2003)	047	Cumulative fluoride release	Ariston	Miracle Mix
	048		Soltaire	Ketac Silver
	049		Surefil	Fuji IX
	050		Tetric Ceram	Ketac Molar
Attar et al. (2002)	051	Fluoride release at time interval	Tetric	Ceramfil B
	052			
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Preston et al. (2001)	059	Fluoride release at time interval	Heliomolar	Chem Fil
	060		Concise	Ketac Fil
Hotta et al. (2001)	061	Cumulative fluoride release	Heliomolar Radiopaque	HY-bond Glasionomer F
	062			
	063		Helio Progress	Chelon-Fil
	064			
	065			
066				
Gao et al. (2001)	067			

	068	Fluoride release at time interval	Z100	GI-1
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Antoniades et al. (2001)	077	Fluoride release at time interval	Tetric	Fuji ionomer type III
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	087			
Xu et al. (2000)	088	Cumulative fluoride release	TPH	Ketac Bond
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	094			
Vermeersch et al. (2001)	095	Cumulative fluoride release	Tetric	Ketac Fil Aplicap
	096		Heliomolar	Ketac Molar
	097			
	098			
Peng et al. (2000)	099	Cumulative fluoride release	Ariston PC	Chem Flex
Vieira et al. (1999)	100	Fluoride release at time interval	Heliomolar	Chelon Fil
	101			
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Carvalho et al. (1999)	114	Cumulative fluoride release	Tetric	Chelon Fil
	115			
	116			
Aboush et al. (1998)	117	Cumulative fluoride Released	Tetric	Fuji II Cap
	118			
Kan et al. (1997)	119	Fluoride release at time interval	Silux Plus	Ketac Fil
	120			
	121			
Tam et al. (1997)	122	Cumulative fluoride Released	Bis-Fil	Chem Fil
	123			
	124			
	125			
	126			
Burgess et al. (1993)	127	Cumulative fluoride Released	VCL Dycal	Ketac Bond
	128		Timeline	GC Liner
	129		Cavalite	Vitrebond
Takahashi et al. (1993)	130	Cumulative fluoride Released	Heliomolar RO	Ketac Silver
	131		Prisma AP	Fuji II
	132			
	133			
Ulukapi et al. (1996)	134	Fluoride release at time interval	Heliomolar RO	XR Ionomer
	135			
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Young et al. (1996)	146	Fluoride release at time interval	Tetric	Ketac Fil
	147			
Weidlich et al. (2000)	148	Fluoride release at time interval	Heliomolar	Fuji IX
	149			
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	153		Z 100	Chelon Fil
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Gjorgjevska et al. (2008)	162	Cumulative fluoride Released	Unifil flow	Fuji IX
	163			

DS = dataset number; GIC = glass-ionomer cement