

**Comparison of the results from the in-vitro study
Shofu FL-Bond II and FL-Bond III in combination with Beautifil II
in Class V and Class I cavities
with competitive materials**

**Please, use these results only for discussions within your company.
(publication is in progress)**

Tested materials:

Adhesive system	Composite resin	Manufacturer	Group
OptiBond FL	Filtek Z250	Kerr / 3M Espe	3-step etch&rinse
Clearfil SE Bond	Filtek Z250	Kuraray / 3M Espe	2-step self-etching
AdheSE	Tetric Evo Ceram	Vivadent	
Shofu FL-Bond II	Beautifil II	Shofu	
One Coat Bond SE	Tetric Ceram	Coltène / Vivadent	All-in-one with mixing
UniFil Bond	Gradia	GC	
Adper Prompt L-Pop	Filtek Z250	3M Espe	
Contax	Tetric Ceram	DMG / Vivadent	
Futurabond NR	Grandio	Voco	
One-up Bond F Plus	Estilite	Tokuyama	
Xeno III	Ceram X Mono	Dentsply	
AQ Bond	Metafil CX	Sun medical	
AdheSE One	Tetric EvoCeram	Vivadent	All-in-one without mixing
artCem One	NEPA Fil	Merz Dental	
Bond Force	Filtek Z250	Tokuyama/ 3M Espe	
G-Bond	Gradia	GC	
iBond	Charisma	Kulzer	
Hybrid Bond	Metafil CX	Morita	
OptiBond All-in-one	Filtek Z250	Kerr/ 3M Espe	
Shofu FL-Bond III	Beautifil II	Shofu	
tri-S bond	Filtek Supreme	Kuraray / 3M Espe	
Xeno V	Filtek Z250	Dentsply / 3M Espe	

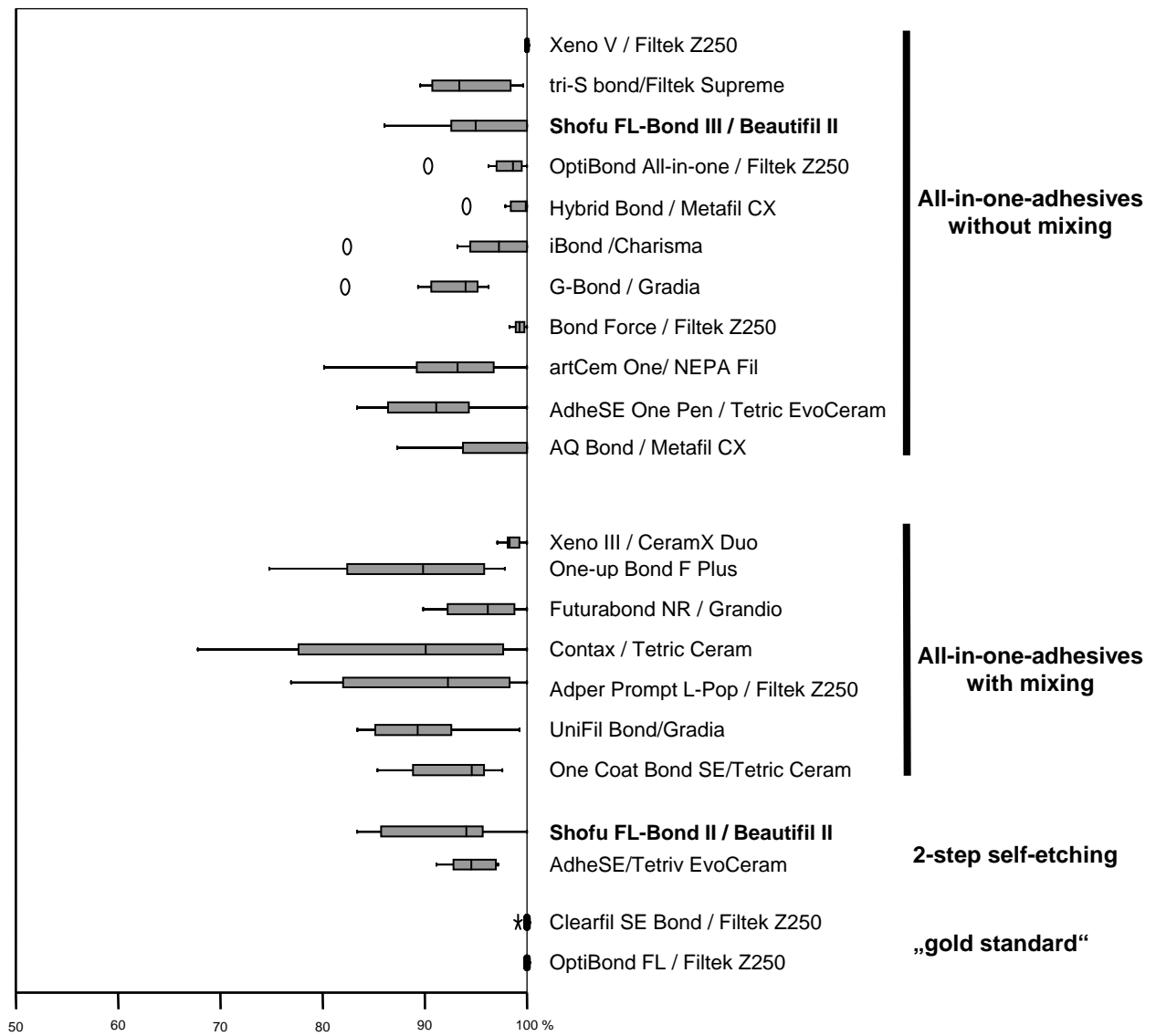


Fig. 1 Amount of margin quality 1 in % of the entire margin length in **dentin** at **Class V cavities** for the tested adhesive systems before and after TC.

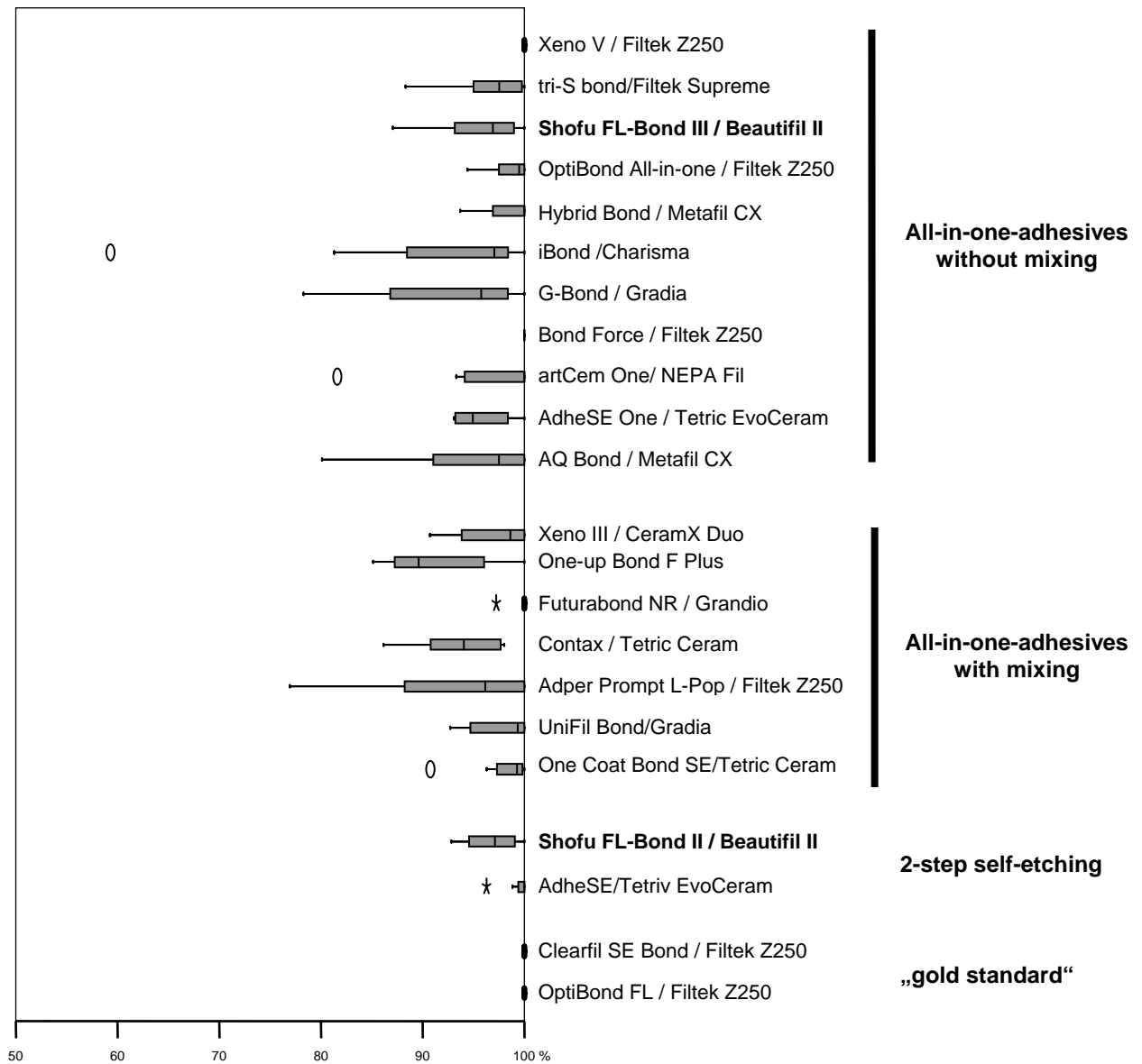


Fig. 2 Amount of margin quality 1 in % of the entire margin length in enamel at Class V cavities for the tested adhesive systems before and after TC.

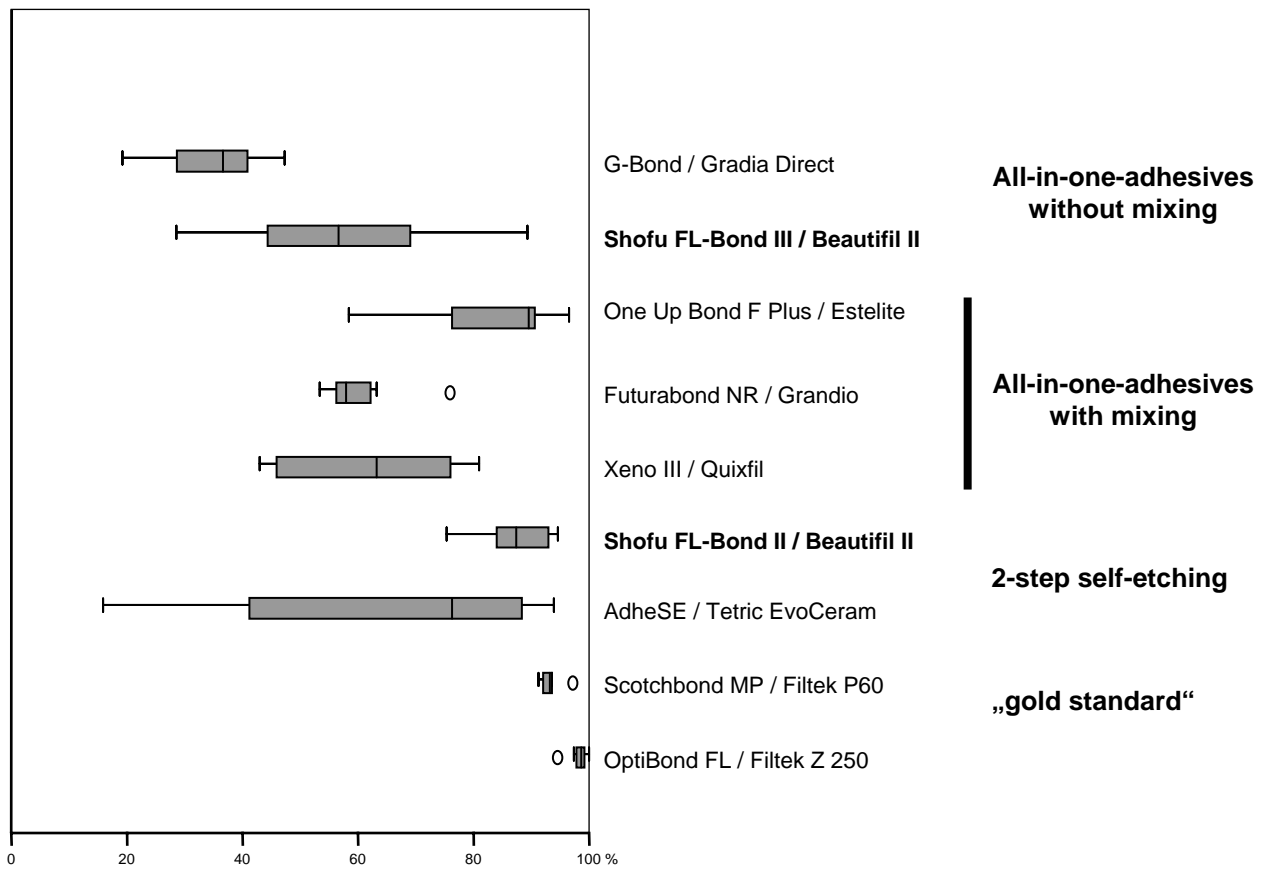


Fig. 3 Amount of margin quality 1 in % of the entire margin length in **enamel at Class I cavities** for the tested adhesive systems before and after TC.