

The impact of office design on medically certified sickness absence ¹

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1. Sensitivity analyses for the impact of office design on medically certified sickness absence
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1. Cell office as reference group:

Predictor variables	Log-binomial regression for risk of absence		Negative binomial regression for number of days with absence	
	RR	95% CI	IRR	95% CI
Survey year	.99	.98 - 1.00	1.01	.99 – 1.04
Office design				
Cell office (reference)	--	--	--	--
Shared office	1.18 ^b	1.10 – 1.27	1.08	.94 – 1.24
Open-plan workspace	1.12 ^a	1.02 – 1.22	1.01	.85 – 1.20

2. Shared office as reference group:

Predictor variables	Log-binomial regression for risk of absence		Negative binomial regression for number of days with absence	
	RR	95% CI	IRR	95% CI
Survey year	.99	.98 - 1.00	1.01	.99 – 1.04
Office design				
Shared office (reference)	--	--	--	--
Cell office	.84 ^b	.79 – .91	.93	.80 – 1.06
Open-plan workspace	.95	.86 – 1.04	.93	.78 – 1.12

3. Open plan workspace as reference group:

Predictor variables	Log-binomial regression for risk of absence		Negative binomial regression for number of days with absence	
	RR	95% CI	IRR	95% CI
Survey year	.99	.98 - 1.00	1.01	.99 – 1.04
Office design				
Open-plan workspace (reference)	--	--	--	--
Cell office	.89 ^a	.82 – .97	.99	.84 – 1.17
Shared office	1.06	.96 – 1.1	1.07	.89 – 1.29