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*Supplement of*

## **Comparison of the impacts of urban development and climate change on exposing European cities to pluvial flooding**

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**Supplementary materials**

	France		Austria		Denmark		France	
	Strasbourg		Vienna		Odense		Nice	
	a	b	a	b	a	b	a	b
Linear regression parameters	-246	135	-244	124	-245	135	-321	151

**Table S1: Linear regression models used to calculate impervious surface fractions based on SAVI (from Kaspersen et al., 2015).**

	France		Austria		Denmark		France	
	Strasbourg		Vienna		Odense		Nice	
Sensor	TM	OLI	TM	OLI	TM	OLI	TM	OLI
Path/Row	196/26	196/26	189/27	189/27	195/21	195/21	194/30	194/30
	196/26	196/26	190/26	190/26	195/21	195/21	194/30	194/30
	195/26	*196/26	190/26	190/26	195/21	195/21	194/30	195/30
			190/26	190/27		195/22		
			190/26					
Date (mm/yyyy)	08/1984	07/2014	06/1984	07/2013	08/1984	05/2013	06/1984	07/2015
	07/1985	08/2015	08/1984	06/2013	06/1986	06/2013	08/1984	08/2015
	08/1986	*08/2015	05/1986	08/2013	08/1986	07/2013		08/2015
			06/1986	08/2013		07/2013		
			08/1986					

**Table S2: Landsat imagery used for urban development analysis. TM = Landsat TM imagery, OLI = Landsat OLI imagery. \* Both images for 196/26 from August 2015 are used.**