Innovation and informal knowledge exchanges between firms

 $\label{eq:J.Raimbault} J. \ \ Raimbault^{1,2,3,4} \\ juste.raimbault@ign.fr$

¹LASTIG, Univ Gustave Eiffel, IGN-ENSG ²CASA, UCL ³UPS CNRS 3611 ISC-PIF ⁴UMR CNRS 8504 Géographie-cités

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Firm clusters and innovation

Agent-based modeling innovation

Research objective

Model rationale

Model description

Model description

Model indicators

Model setup

Model exploration and validation

Statistical convergence

Global sensitivity analysis

	α_S		рc		sc		рм		Γ
	F	Т	F	Т	F	Т	F	Т	
Ь	0.001	0.002	0.001	0.003	$9 \cdot 10^{-4}$	0.002	0.41	0.75	Г
Ī	0.02	0.07	$6 \cdot 10^{-4}$	0.002	0.0	0.003	0.36	0.69	
Δf	$7 \cdot 10^{-4}$	0.56	0.0	0.9	0.0	0.0	0.003	0.0	
\mathscr{E}_{f}	0.14	0.64	0.0	0.44	0.27	0.36	0.48	0.84	(
d	0.007	0.13	0.001	0.04	0.01	0.1	0.45	0.7	

Parameter space exploration

Optimisation

Dicussion

Conclusion

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To use OpenMOLE (free and open software) and contribute:

https://openmole.org

Model code and results open source at

https://github.com/JusteRaimbault/InnovationInformal

https://doi.org/10.7910/DVN/X8PWPF

References I