

## Research



**Cite this article:** Hébert-Dufresne L, Waring TM, St-Onge G, Niles MT, Kati Corlew L, Dube MP, Miller SJ, Gotelli NJ, McGill BJ. 2022 Source-sink behavioural dynamics limit institutional evolution in a group-structured society. *R. Soc. Open Sci.* **9**: 211743.

<https://doi.org/10.1098/rsos.211743>

Received: 9 November 2021

Accepted: 4 February 2022

### **Subject Category:**

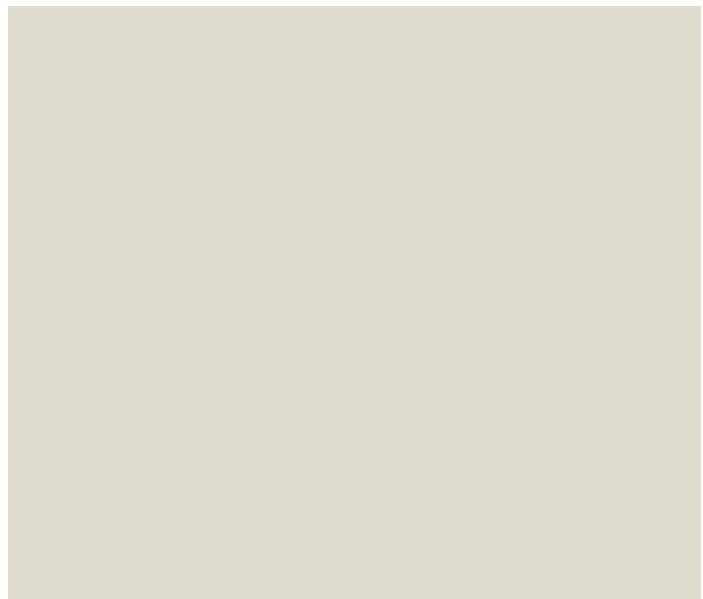
Science, society and policy

### **Subject Areas:**

behaviour/evolution/theoretical biology

### **Keywords:**

source-sink dynamics, institutions, behavioural



# 1. Introduction

T

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

? A

B

T

B

A

A

B

A. - .T. . A. .T. 23-25 . C -19 5 . C .T. .



T

(... 55)

(... 50).

. A

... ( $\dots \ell$ ) ...  $c$  ...







T

( 2a).

(... =  $\ell=0$ )

T

## 5. Conclusion

C

T

T

T

A

C -19

A 57-59

(... ,

)

T

A 60 . C

.T

. B

. A

T

( )

( )

( )

. B

.T

.T

T ( 4353 )-343.7(1 1.9( )19.7( )21 )-441.2 98-53 9. )7.6( ( )-15)-516.403-340(

Data accessibility. <https://doi.org/10.5281/zenodo.105281> / <https://doi.org/10.5281/zenodo.5949710>.

A

Authors' contributions. T.

34. Bandura A. 1971 *Social learning theory*. New York, NY: General Learning Press.
35. Marceau V, Noël P-A, Hébert-Dufresne L, Allard A, Dubé LJ. 2011 Modeling the dynamical interaction between epidemics on overlay networks. *Phys. Rev. E* **84**, 026105. (doi:10.1103/PhysRevE.84.026105)
36. Hébert-Dufresne L, Mistry D, Althouse BM. 2020