

Unit 5: Coordination and norms

READINGS AND RESOURCES

- Boyd R, Richerson PJ (2002) Group beneficial norms can spread rapidly in a structured population. *Journal of Theoretical Biology* 215: 287–296. <https://doi.org/10.1006/jtbi.2001.2515>
- Ehrlich PR, Levin SA (2005) The evolution of norms. *PLOS Biology* 3(6): e194. <https://doi.org/10.1371/journal.pbio.0030194>

Further directions

- Cultural group selection.
 - o Henrich J (2004) Cultural group selection, coevolutionary processes and large-scale cooperation. *Journal of Economic Behavior and Organization* 53: 3–35. [https://doi.org/10.1016/S0167-2681\(03\)00094-5](https://doi.org/10.1016/S0167-2681(03)00094-5)
 - o Boyd R, Richerson PJ (2010) Transmission coupling mechanisms: Cultural group selection. *Philosophical Transactions of the Royal Society B* 365: 3787–3795. <https://doi.org/10.1098/rstb.2010.0046>
 - o Richerson PJ et al. (2016) Cultural group selection plays an essential role in explaining human cooperation: A sketch of the evidence. *Behavioral and Brain Sciences* 39: e30. <https://doi.org/10.1017/S0140525X1400106X>
- Signals and markers.
 - o Spence M (1973) Job market signaling. *The Quarterly Journal of Economics* 87: 355–374. <https://doi.org/10.2307/1882010>
 - o McElreath R, Boyd R, Richerson PJ (2003) Shared norms and the evolution of ethnic markers. *Current Anthropology* 44: 122–130. <https://doi.org/10.1086/345689>
- Noisy signals and intragroup variation.
 - o Smaldino PE, Flamson TJ, McElreath R (2018) The evolution of covert signaling. *Scientific Reports* 8: 4905. <https://doi.org/10.1038/s41598-018-22926-1>
 - o Hoffman M, Hilbe C, Nowak MA (2018) The signal-burying game can explain why we obscure positive traits and good deeds. *Nature Human Behaviour* 2: 397–404. <https://doi.org/10.1038/s41562-018-0354-z>
- Language and conventions.
 - o Cangelosi A, Parisi D (1998) The emergence of a ‘language’ in an evolving population of neural networks. *Connection Science* 10: 83–97. <https://doi.org/10.1080/095400998116512>
 - o Puglisi A, Baronchelli A, Loreto V (2008) Cultural route to the emergence of linguistic categories. *Proceedings of the National*

Academy of Sciences 105: 7936–7940.

<https://doi.org/10.1073/pnas.0802485105>

- o Contreras Kallens PA, Dale R, Smaldino PE (2018) Cultural evolution of categorization. *Cognitive Systems Research* 52: 765–774. <https://doi.org/10.1016/j.cogsys.2018.08.026>