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## POS-45 - Entanglement Structure of the One and Two-Channel Kondo Model

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When electronic channels compete to screen a single impurity spin, as in the one- and two-channel Kondo model, a ground state with nontrivial entanglement structure is expected to arise. We exploit a spin-chain representation of both the one- and two-channel Kondo model to probe the ground-state block entropy, negativity, tangle, and Schmidt gap, using a density matrix renormalization group approach. The contribution to the entanglement arising from the impurity is shown to satisfy a characteristic scaling and for the two-channel model we confirm field-theory predictions for the boundary entropy difference.

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