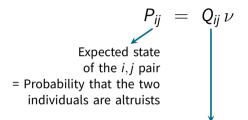
At neutrality (i.e., in the absence of selection, $\delta = 0$),

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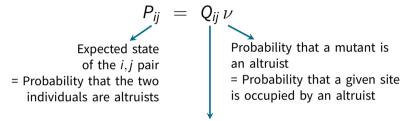
Expected state of the *i*, *j* pair = Probability that the two individuals are altruists

At neutrality (i.e., in the absence of selection, $\delta = 0$),



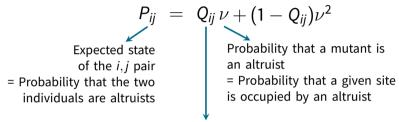
Probability that the individuals at sites *i* and *j* are identical by descent (no mutation since their common ancestor)

At neutrality (i.e., in the absence of selection, $\delta = 0$),



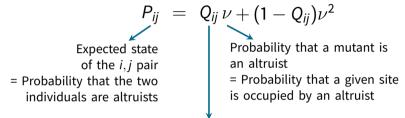
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Q_{in}, Q_{out}