The Spacetime-Interval does not Distinguish Between Events' Nature

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\[
d^2(E_1, E_2) = c^2(t_2 - t_1)^2 - [(x_2 - x_1)^2 + (y_2 - y_1)^2 + (z_2 - z_1)^2]
\]

no matter what kind of events we have! For example, if one has the event \( E_1 = \{John \ drinks\} \) and the event \( E_2 = \{George \ eats\} \), there is no connection between these two events. Or if one has two connected events: \( E_1 = \{Arthur \ is \ born\} \) and \( E_2 = \{Arthur \ dies\} \). There should be at least one parameter [let’s call it “\( N'\)] in the above \( \Delta s^2 \) spacetime coordinate formula representing the event’s nature.