LING82100: reporting a sign test

The following adapts the "preferential looking" experiment example given in the slides:

Nine parent-child dyads participated in the study. Of these, 7 showed a looking-time preference for their mother's voice; 1 showed a preference for the female confederate's voice. This was non-significant at $\alpha = .01$ (sign test, two-tailed p = .070, 95% CI: .003, .527).

Or, in R:

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> binom.test(1, 8, .5)
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Exact binomial test