1063-47-239 **Thomas J Sinclair*** (thomas.sinclair@vanderbilt.edu), Mathematics Department, 1326 Stevenson Ctr, Vanderbilt University, Nashville, TN 37240. *Strong solidity of group factors from lattices in* $\mathrm{SO(n,1)}$ *and* $\mathrm{SU(n,1)}$.

Generalizing techniques found in Ozawa and Popa, "On a class of $\mathrm{II}_1$ factors with at most one Cartan subalgebra, II" (Amer. J. Math., 2010), we show that the group factors of ICC lattices in $\mathrm{SO(n,1)}$ and $\mathrm{SU(n,1)}$, $n \geq 2$, are strongly solid. This strengthens a result of Ozawa and Popa showing that such group factors have no Cartan subalgebras. (Received August 17, 2010)