

# Review of: "User-Centered Design of Architectural Models Adapted to Monolithic Structure Technology"

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**Potential competing interests:** No potential competing interests to declare.

The article is well-written, clear, concise, and of significant interest given current climate issues. However, a few questions arise regarding the scientific methodology presented. In section 4, it states that 115 participants were selected. On what basis were these participants chosen? Why not also survey more 'general' individuals who are not in the construction field? Could this have influenced the results? Can this sample be considered representative? If so, why?

In Table 4.1, it appears that fiber-reinforced concrete is considered the best solution. Is there a potential bias here due to the sample consulted? Would a layperson with no knowledge of construction have answered the same way? Likewise, regarding the choices in construction design, is there a link with the traditional architecture of the region? Would posing the same question to Western respondents yield the same answers?

Please note that Table 2 (image cut off on page 9) is cropped. The same question about sample representativeness arises in section 4.3. How were the 30 participants selected? In Table 3, why is Design 1 optimal? What criteria were used? Please clarify.

To conclude, it is necessary to provide more details on the scientific approach used for sampling and its impact on the results.

Change ref 5 to: Antonelli A, Desodt C, Molinard HH. "Conception et constructions des arcs." *T E C H N O L O G I E* (n° 209), Canopé ed., pp 42-51, 2017.