Erratum: Supersymmetric solutions of minimal gauged supergravity in five dimensions [Phys. Rev. D 68, 105009 (2003)]

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The purpose of this erratum is to correct some statements in the abstract and introduction of [1] in which it is asserted that supersymmetric solutions of the minimal gauged five-dimensional supergravity for which the Killing vector generated by the Killing spinor is timelike are generically 1/2 supersymmetric. In fact they are generically 1/4 supersymmetric.

To see this we note that only two of the eight degrees of freedom in the Killing spinor satisfy equation (49) and these also solve the constraint (48) [2]. Hence the solutions preserve at least 1/4 of the supersymmetry. An explicit computation of the integrability constraints presented in Sec. V of [1] can be used to verify that the deformed AdS_5 solution presented in Sec. III B is 1/4 supersymmetric.

[1] J. P. Gauntlett and J. B. Gutowski, Phys. Rev. D **68**, 105009 (2003).

[2] C. N. Pope, J. Phys. A **15**, 2455 (1982).