CORRIGENDUM TO "ROBUST ERROR BOUNDS FOR FINITE ELEMENT APPROXIMATION OF REACTION-DIFFUSION PROBLEMS WITH NON-CONSTANT REACTION COEFFICIENT IN ARBITRARY SPACE DIMENSION" [COMPUT. METHODS APPL. MECH. ENGRG. 281 (2014) 184–199]

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Lemma 1 in the above manuscript contains an error where we inadvertently wrote $d+1$ instead of d in the expressions for C_T and $\overline{C}_\mathrm{T}$. The correct statement of the result reads:

Lemma 1. *Let K be a d-dimensional non-degenerate simplex and let γ be one of its facets. Let h_K be the diameter of K and $\kappa_K \geq 0$ a constant. Let $v \in H^1(K)$ and let $\bar{v}_\gamma$ denote the average value of v on γ. Then*

$$\|v\|_\gamma \leq C_\mathrm{T} \|\!|v|\!\|_K \quad \text{for } \kappa_K > 0, \tag{11}$$

$$\|v - \bar{v}_\gamma\|_\gamma \leq \overline{C}_\mathrm{T} \|\!|v|\!\|_K, \tag{12}$$

hold with constants $C_\mathrm{T}, \overline{C}_\mathrm{T} > 0$ given by

$$C_\mathrm{T}^2 = \frac{|\gamma|}{d|K|} \frac{1}{\kappa_K} \sqrt{(2h_K)^2 + (d/\kappa_K)^2},$$

$$\overline{C}_\mathrm{T}^2 = \frac{|\gamma|}{d|K|} \min\{h_K/\pi, \kappa_K^{-1}\} \left(2h_K + d\min\{h_K/\pi, \kappa_K^{-1}\}\right).$$

The proof of Lemma 1 goes in an unchanged form, but the three occurrences of $d+1$ should be replaced by d.

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