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| TABLE 3. Mean absolute percentage error (accurary) and mean error (bias) different simulated dosing methods. | | | | |
|  | **AUCBSA** | **AUCLBM** | **AUCTBW** | **AUCfixeddose** |
| Mean ± SD | 3.14 ± 0.71 | 3.13 ± 0.77 | 3.29 ± 0.94 | 3.04 ± 0.60 |
| MAPE (95% CI)a (%) | 17.1  (11.3-22.8) | 18.4  (12.2-24.7) | 24.1 (17.1-31.2) | 15.0 (10.2-19.7) |
| p-valueb | reference | 0.361 | 0.001\* | 0.362 |
| ME (95% CI)a (mg h l-1) | 0.01  (-0.27 to 0.28) | 0.00 (-0.30 to 0.31) | 0.16 (-0.21 to 0.52) | -0.09 (-0.32 to 0.14) |
| p-valueb | reference | 0.943 | 0.145 | 0.255 |

a Assumed optimal target AUC = 3.13.  
b p calculated with Wilcoxon Signed Rank Test, reference value is MAPE and ME of AUCBSA.  
\* Difference with reference is significant at the 0.05 level (2-tailed).