Table S 1: Quantiles of theoretical imputation accuracies (DR2) by reference set

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| --- | --- | --- | --- | --- | --- |
| Reference set | DR2\_Q05 | DR2\_Q25 | DR2\_median | DR2\_mean | DR2\_Q75 |
| 74\_1perLine | 0.73 | 0.88 | 0.93 | 0.90 | 0.96 |
| 80\_2perLine | 0.74 | 0.88 | 0.93 | 0.91 | 0.96 |
| 86\_3perLine | 0.74 | 0.88 | 0.93 | 0.91 | 0.96 |
| 92\_4perLine | 0.74 | 0.88 | 0.93 | 0.91 | 0.96 |
| 98\_5perLine | 0.74 | 0.89 | 0.93 | 0.91 | 0.97 |
| 158\_all | 0.79 | 0.90 | 0.94 | 0.92 | 0.97 |