Electronic supplementary material

Model description: UKPDS risk engine

$$R(t)=1-\exp[-qd^{T}(\{1-d^{t}\}/\{1-d\})]$$

Where R = predicted risk, t = calculated risk years, T = duration since diagnosis of diabetes

Linear predictor:

$$q = q_0\,\beta_1^{age-55}\,\beta_2^{sex}\,\beta_3^{ac}\,\beta_4^{smoke}\,\beta_5^{HbA1c-6.72}\,\beta_6^{(SBP-135.7)/10}\,\beta_7^{\ln(LR)-1.59}$$