Supplementary Appendix A

Fig. 1  Linear regression plot describing the relation between the available VWF:Ag levels in the collected data and age of these patients. The equation of the linear regression line is $y = 82.009 + 1.1609x$.

Fig. 2  Goodness-of-fit plot of validation of the previously published final rFVIII-Fc model with the real world one stage assay (OSA) and chromogenic assay (CSA) data. Observed FVIII levels are plotted against the (A) individual predicted and (B) population predicted FVIII levels. The conditional weighted residuals (CWRES), which represent the difference between the observed and predicted FVIII levels are related to the (C) population predicted levels and (D) time after dose. Levels measured with a chromogenic assay (CSA) are shown in red circles (•) and with an one-stage assay (OSA) in blue triangles (△). The trend line (colored solid line) combines all individual data (colored figures) and should approximate the line of identity (black solid line).
Fig. 3  Correlation between the one-stage assay (OSA) and chromogenic assay (CSA) measured FVIII activity levels measured at the same time on (A) linear scale or (B) log scale. The blue trend line summarizes the observed levels (black dots) and deviates from the line of identity (dashed line).

Fig. 4  Goodness-of-fit plot of the developed real world OPTI-CLOT final rFVIII-Fc PK model. Observed FVIII levels are plotted against the (A) individual predicted and (B) population predicted FVIII levels. The conditional weighted residuals (CWRES), which represent the difference between the observed and predicted FVIII levels are related to the (C) population predicted levels and (D) time after dose. Levels measured with a chromogenic assay (CSA) are shown in red circles (●) and with an one-stage assay (OSA) in blue triangles (△). The trend line (colored solid line) combines all individual data (colored figures) and should approximate the line of identity (black solid line). CWRES could not be calculated for patients that had a sample below quantification limit because of the use of the M3 method.