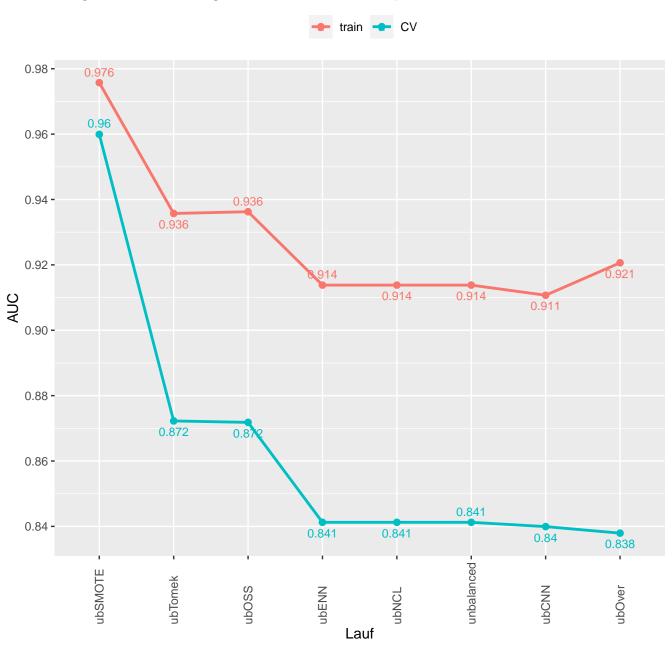
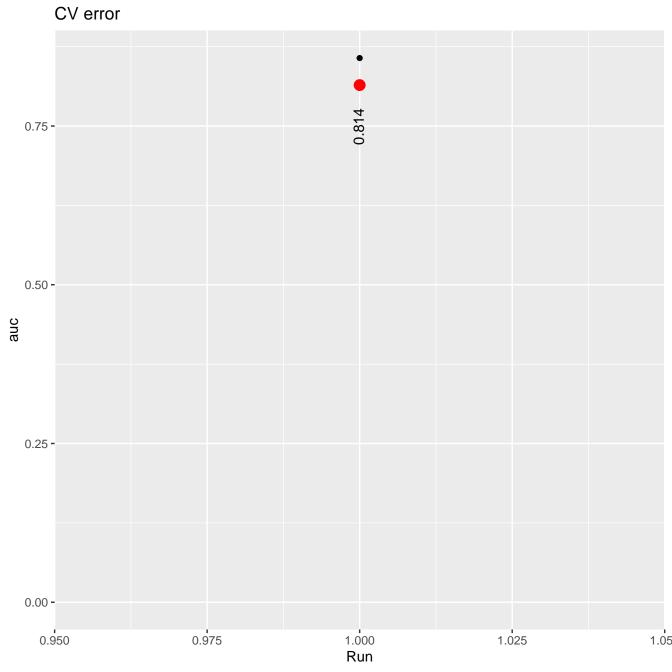
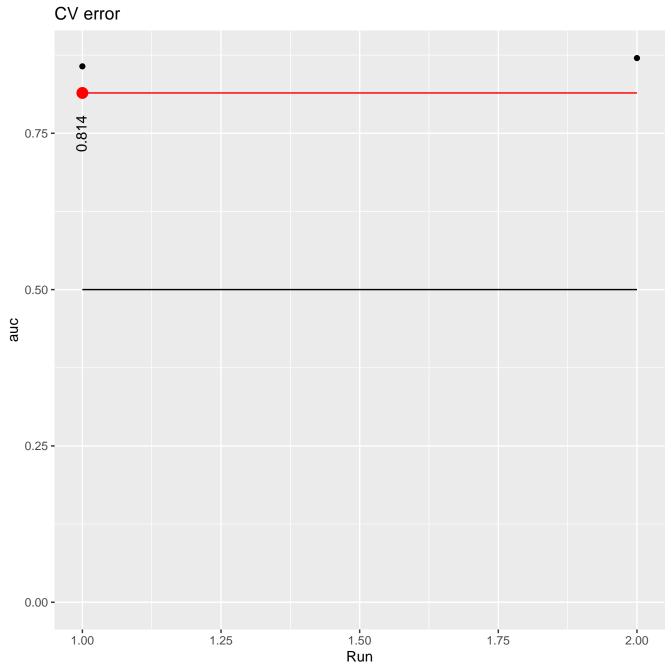


Vergleich der Modellgüte der einzelnen Sample Methoden

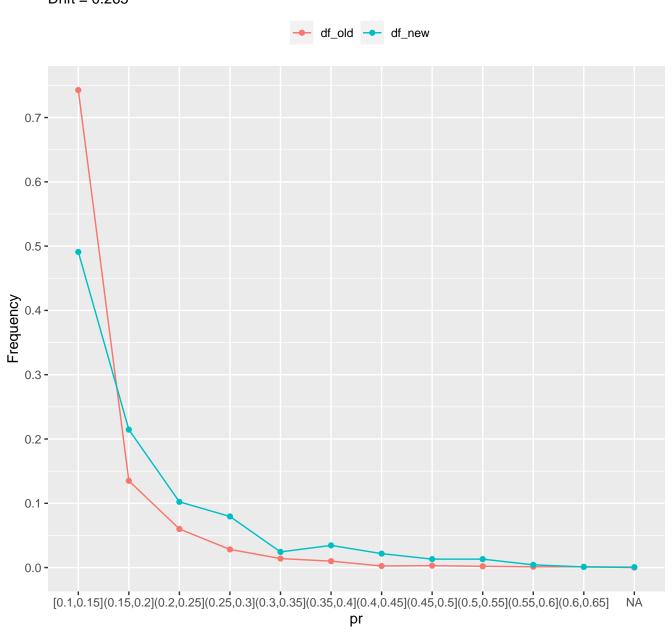


Vergleich der Trainingsdaten der einzelnen Sample Methoden 47_1 % 15'000 -Anteil y = 110'000 -Anzahl Trainingsdaten 0.0% 10.0% 20.0% 26.5 % 26.5% 26.5 % 26.8 % 30.0% 40.0% 30_5 % 30.6 % 50.0% 5'000 -0 unbalanced ubSMOTE ubTomek **ubCNN** ubOver ubENN SSOqn Lauf

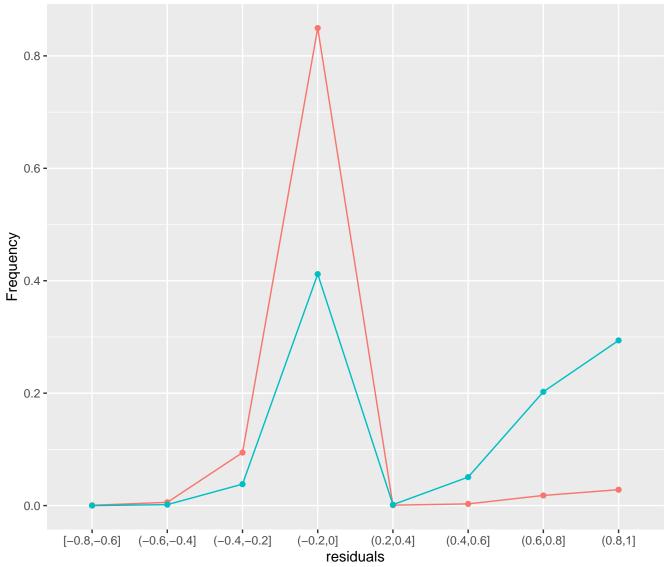




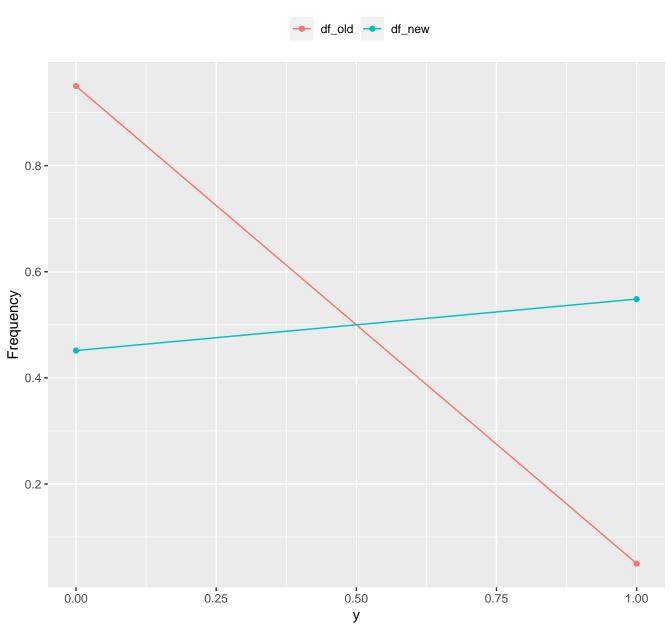
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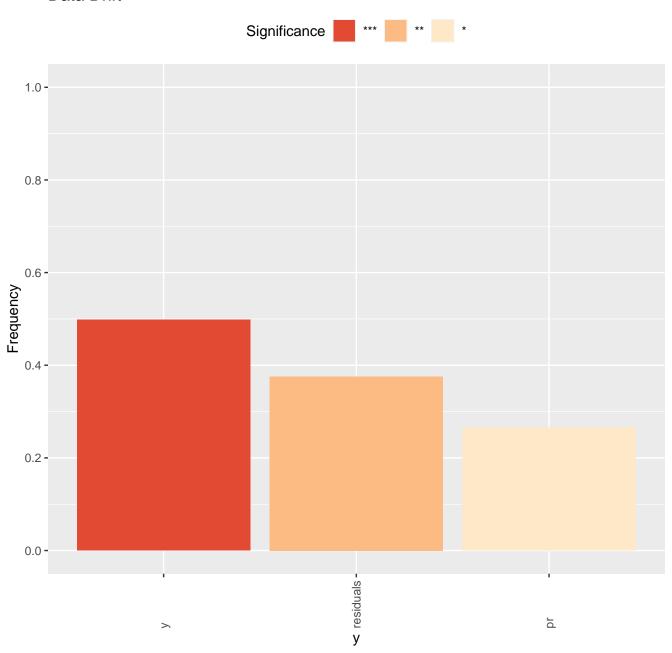
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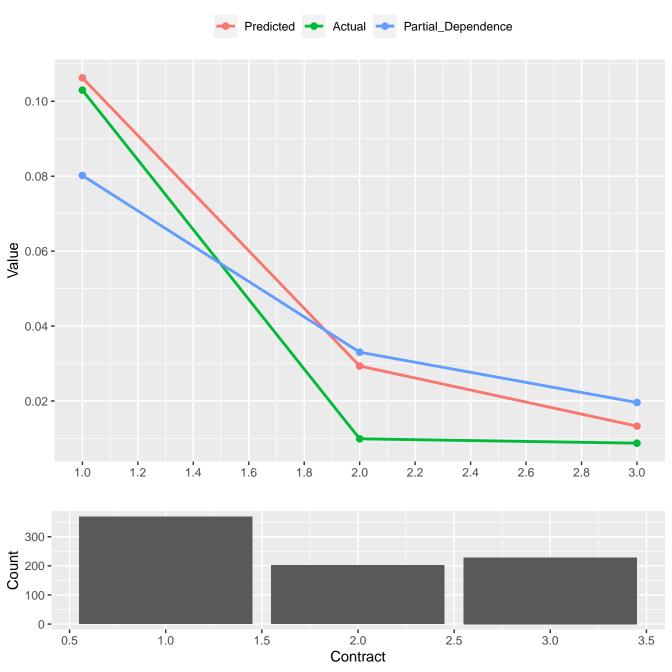


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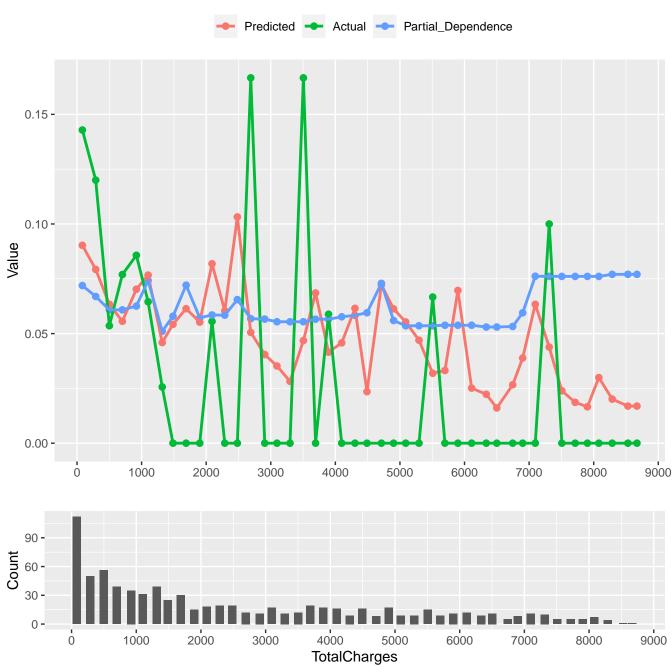


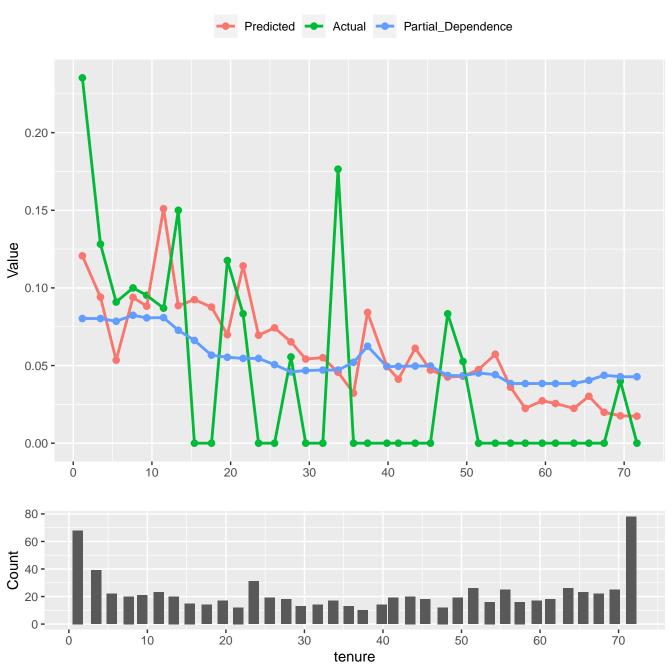
Data Drift

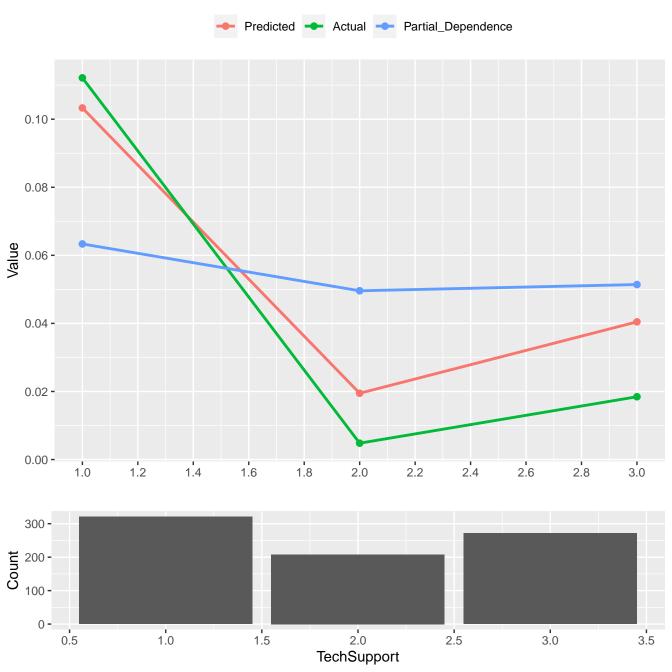


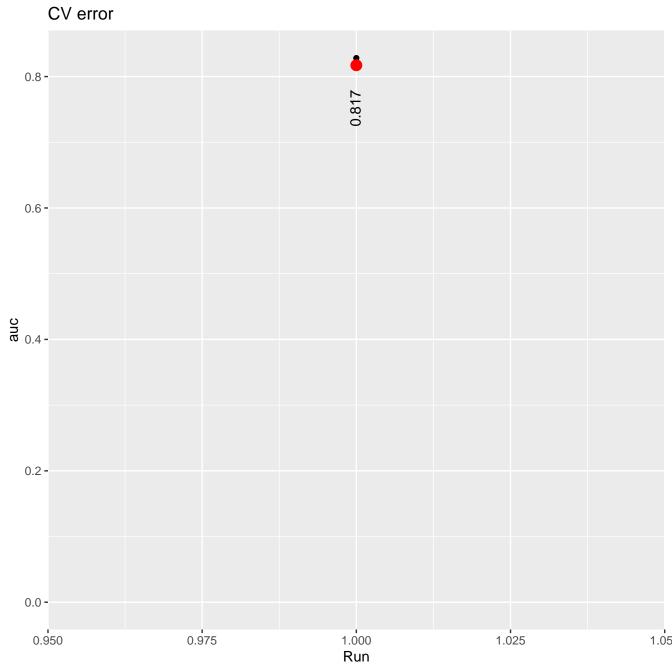


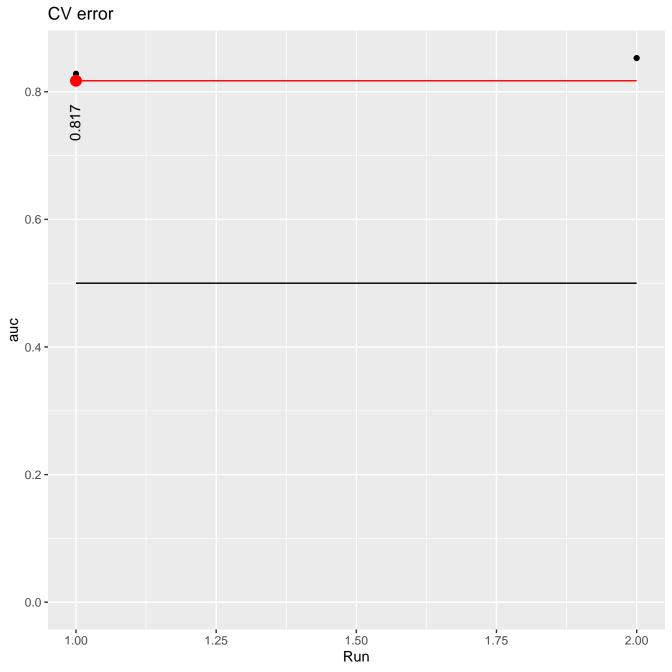




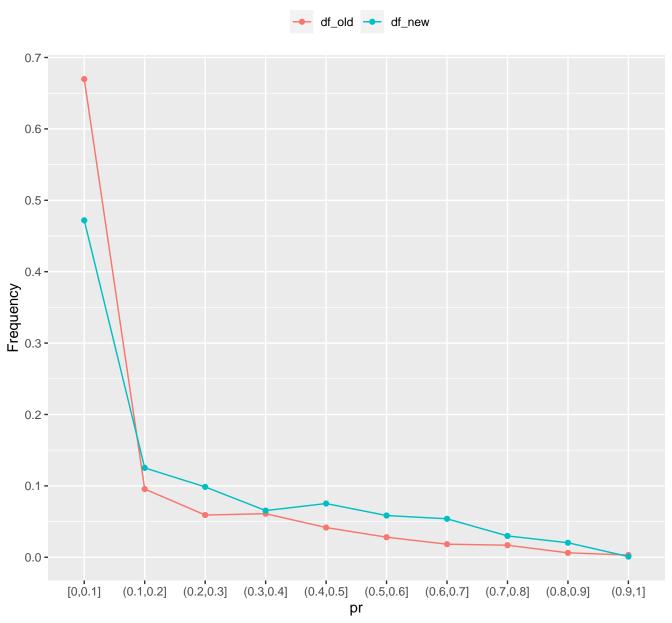


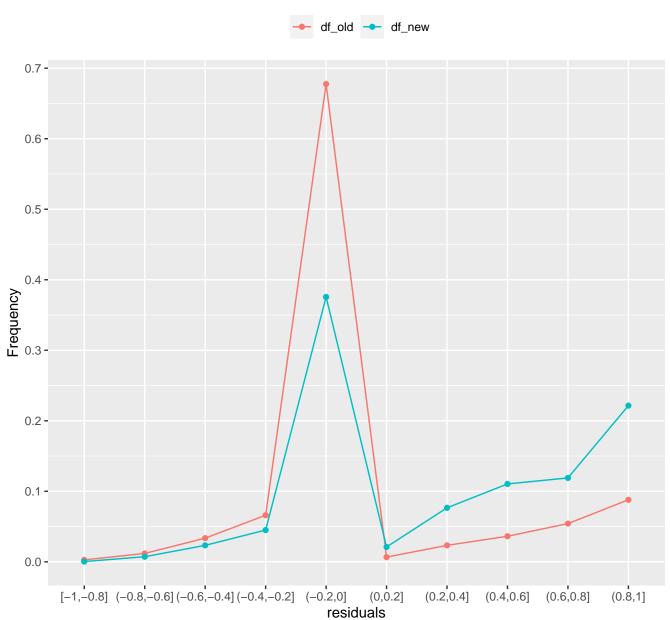




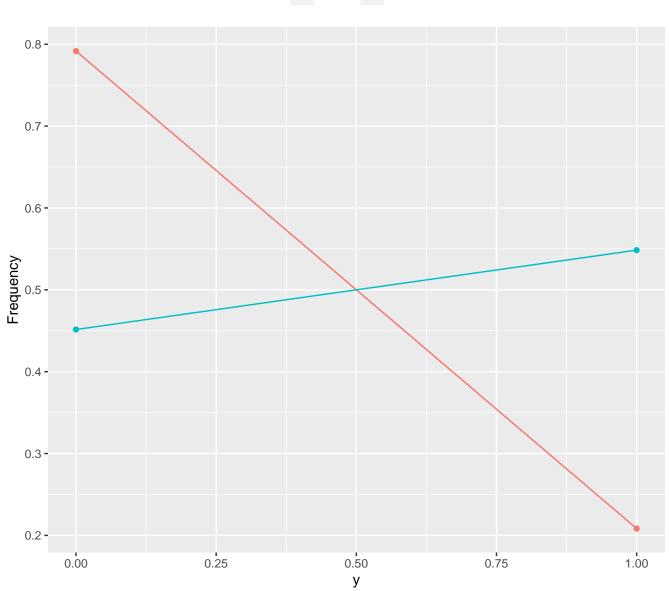


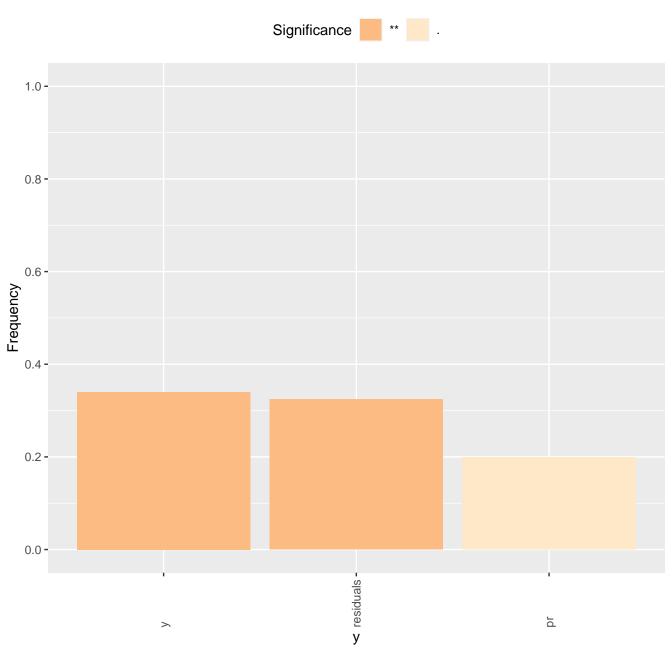
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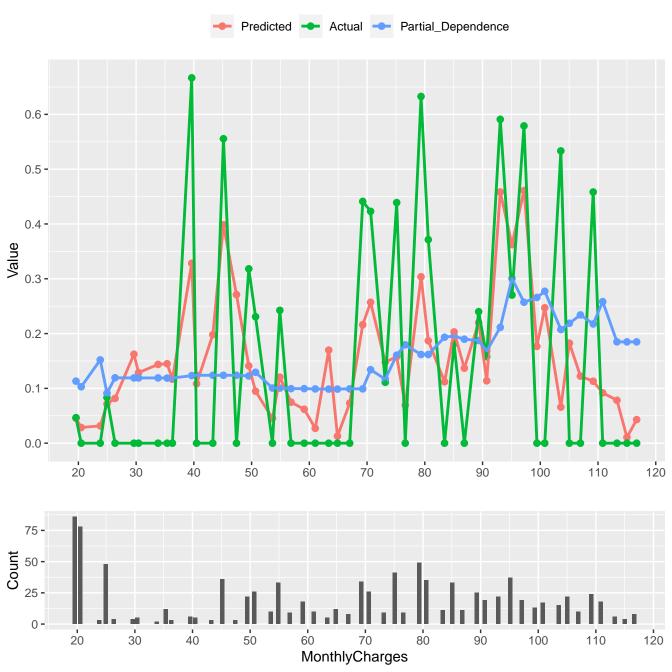


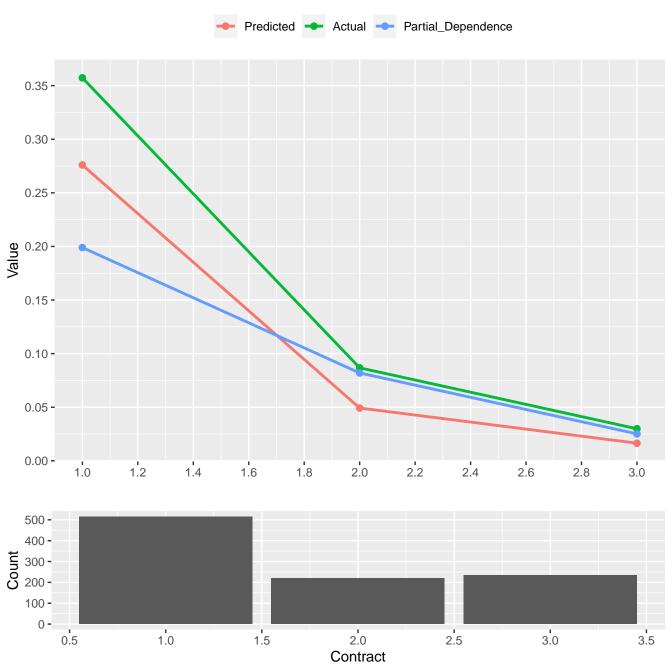


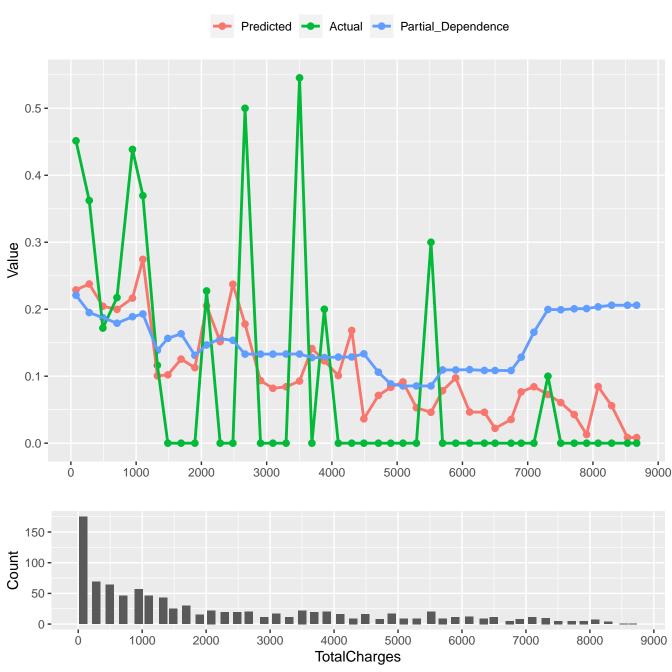
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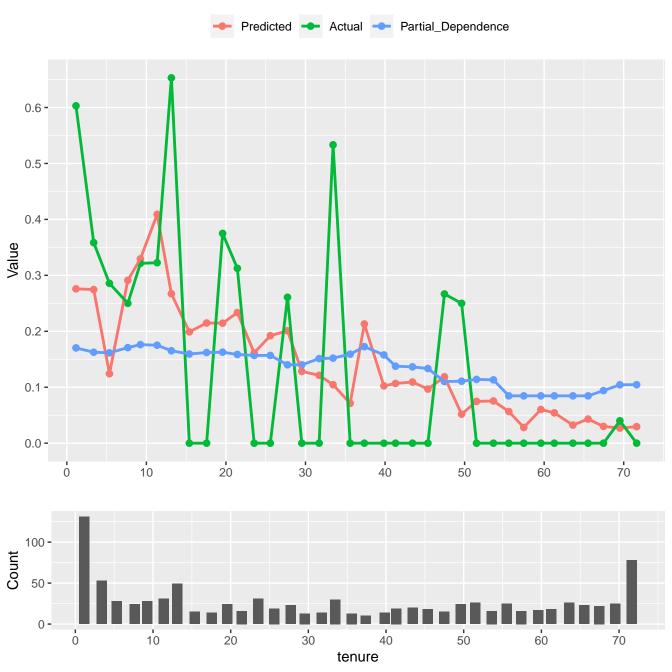


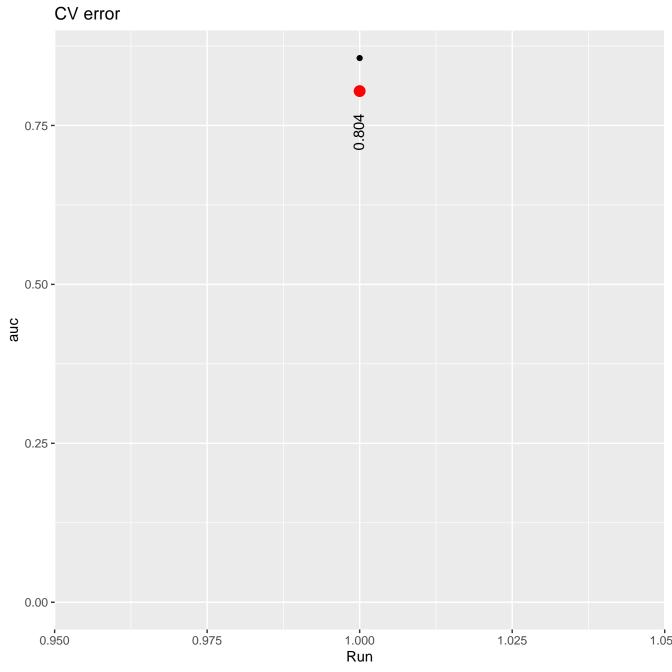


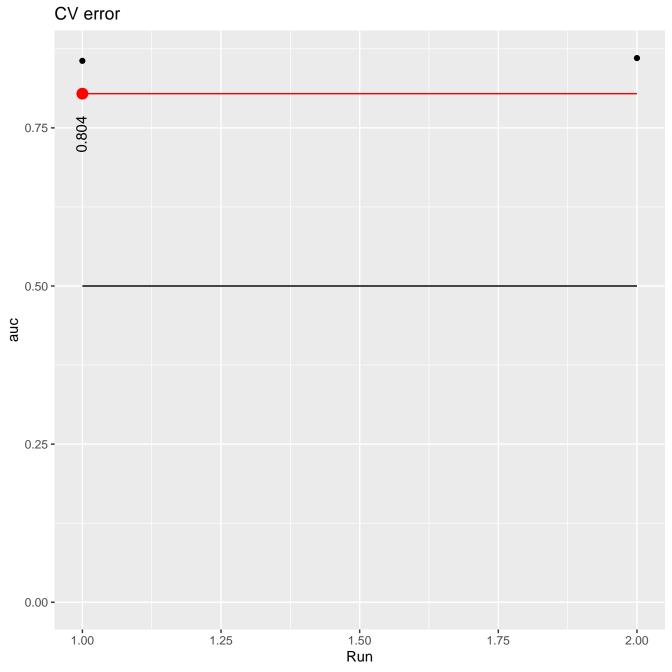


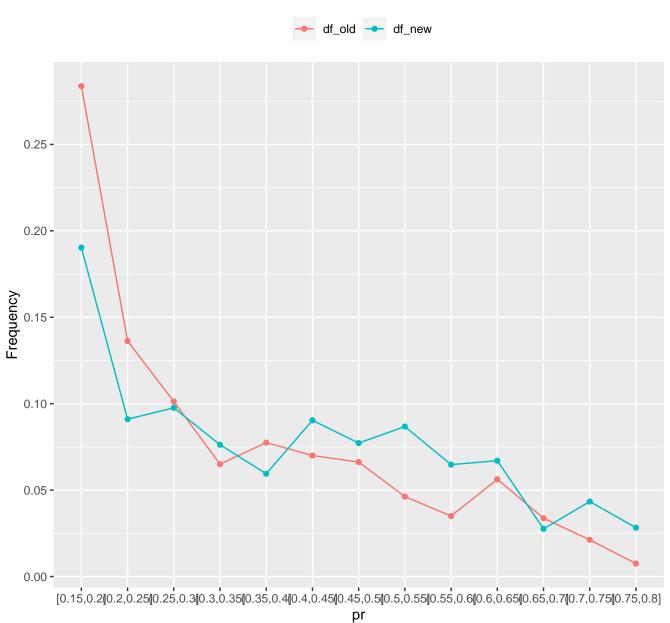


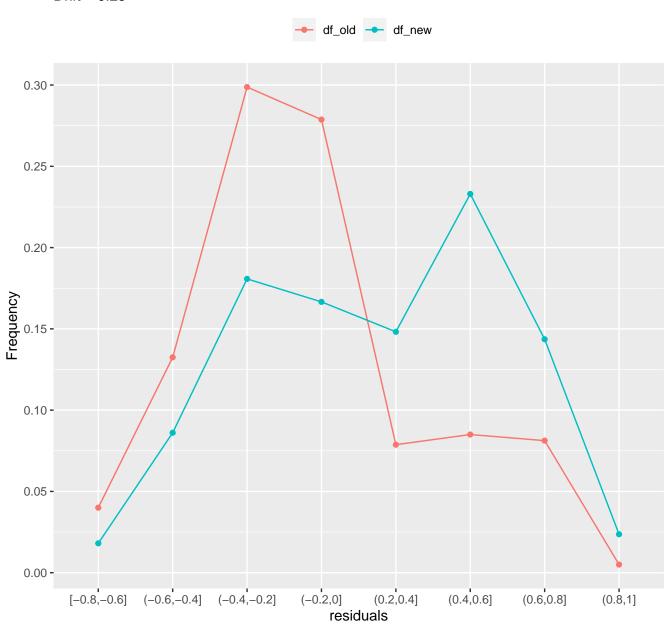


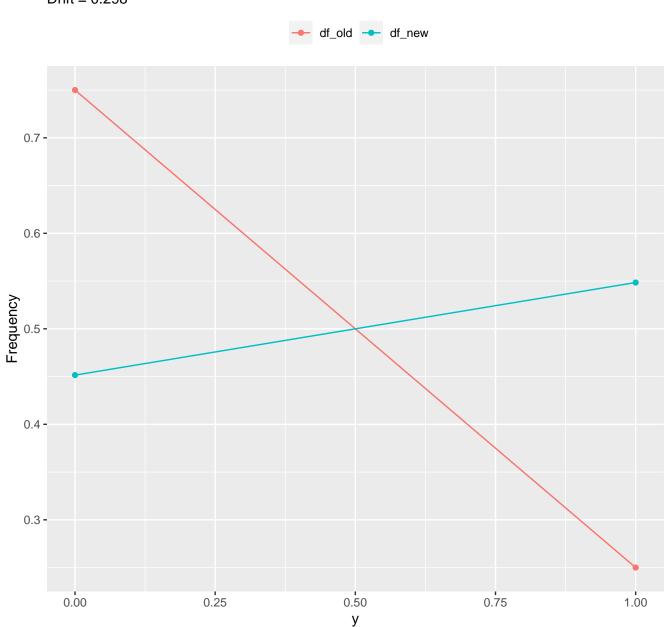


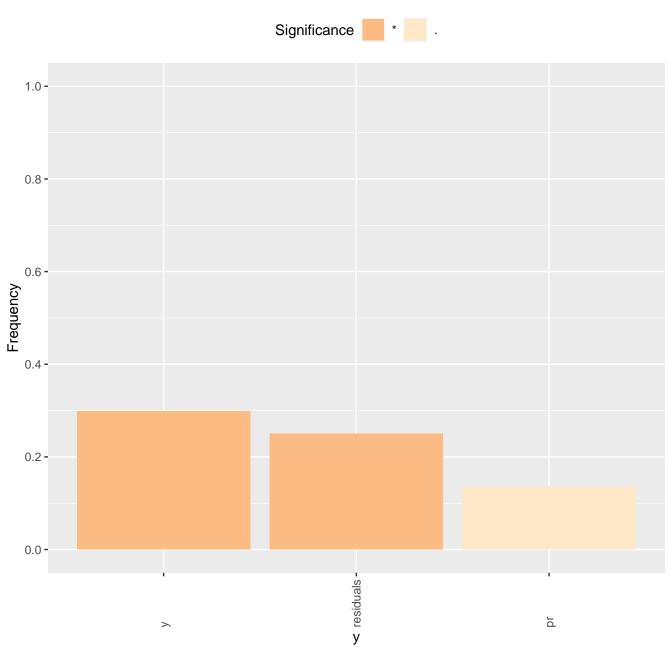


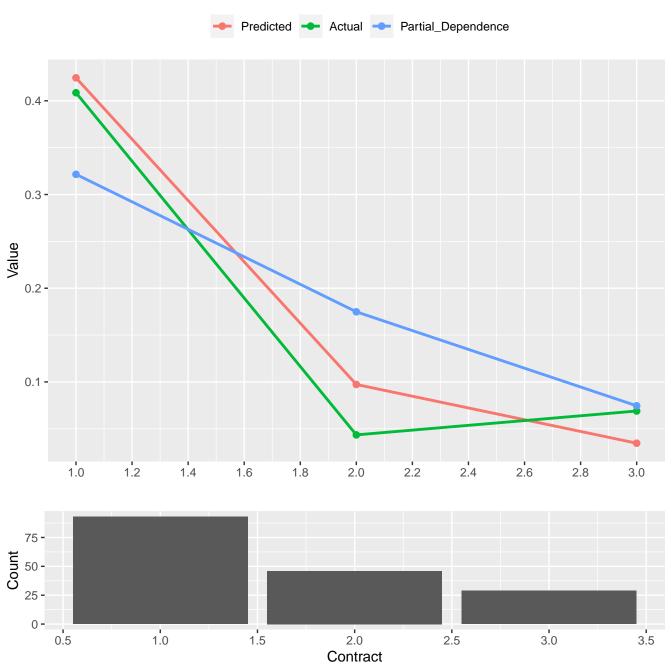


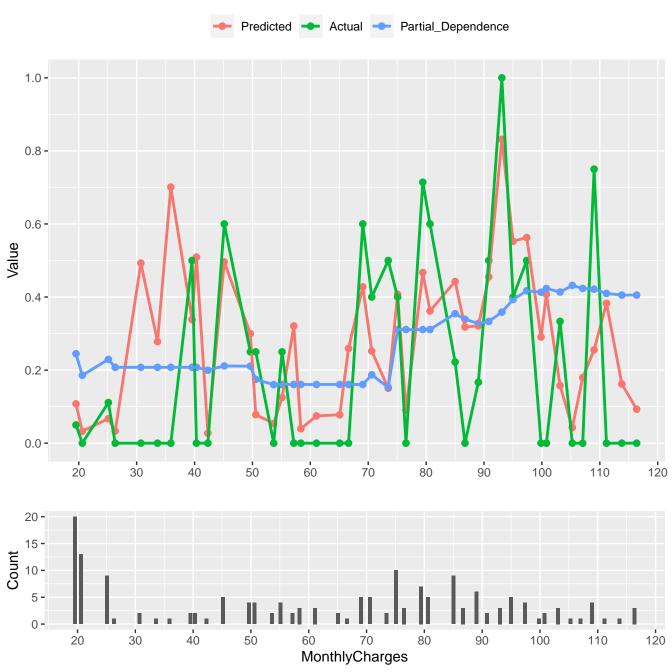


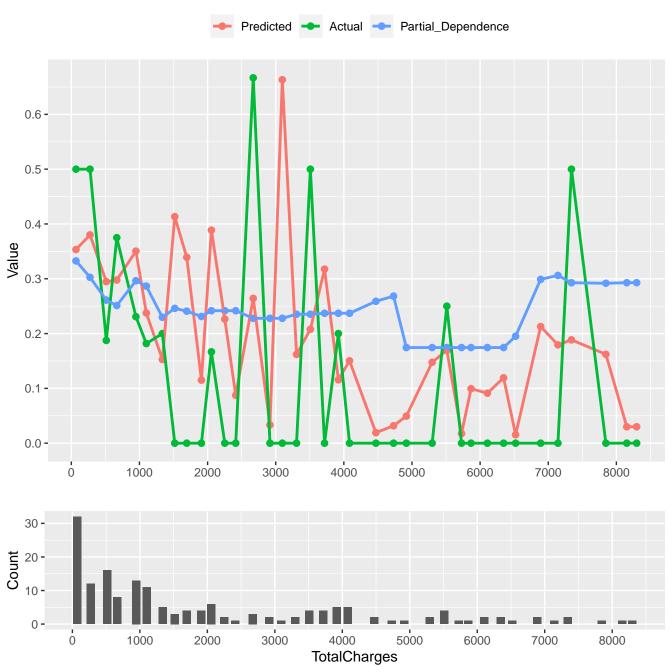


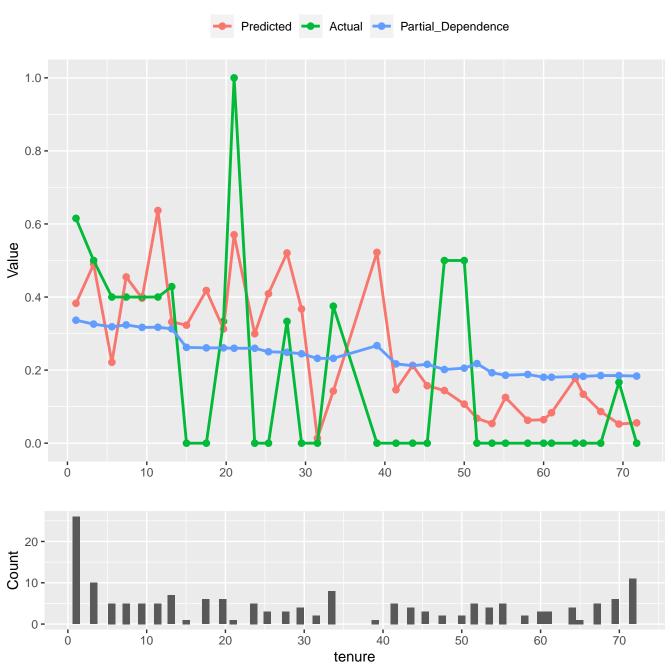


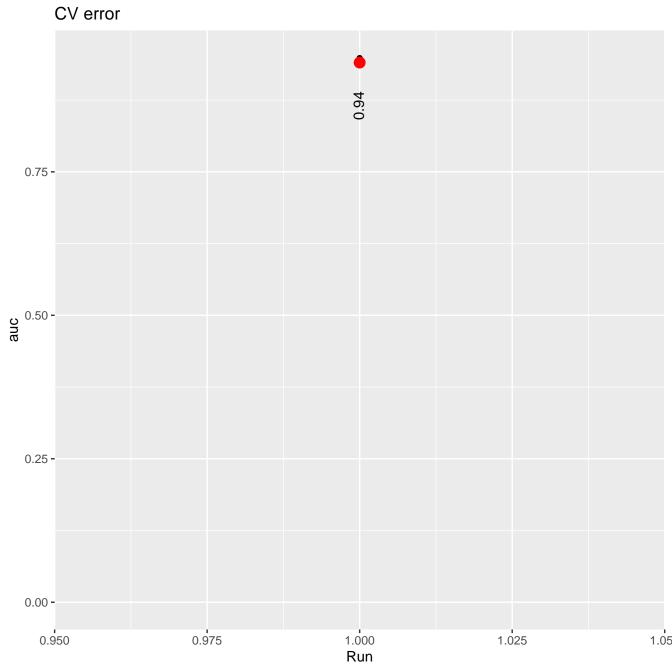


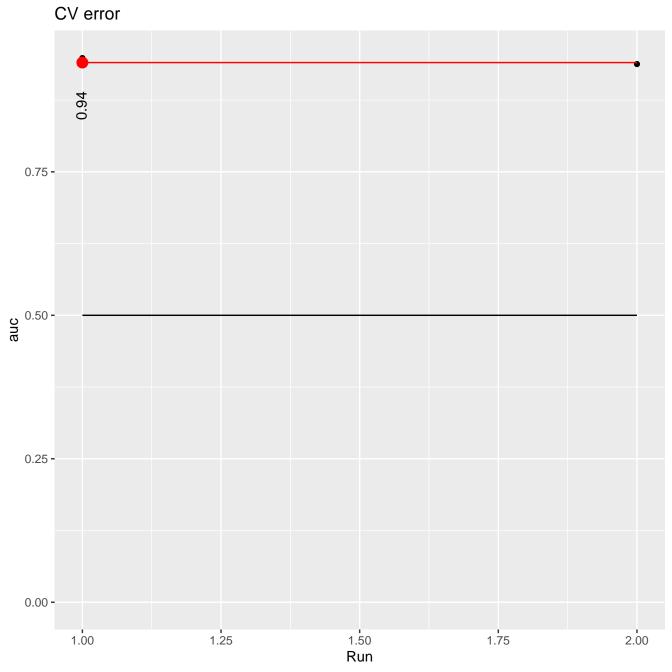


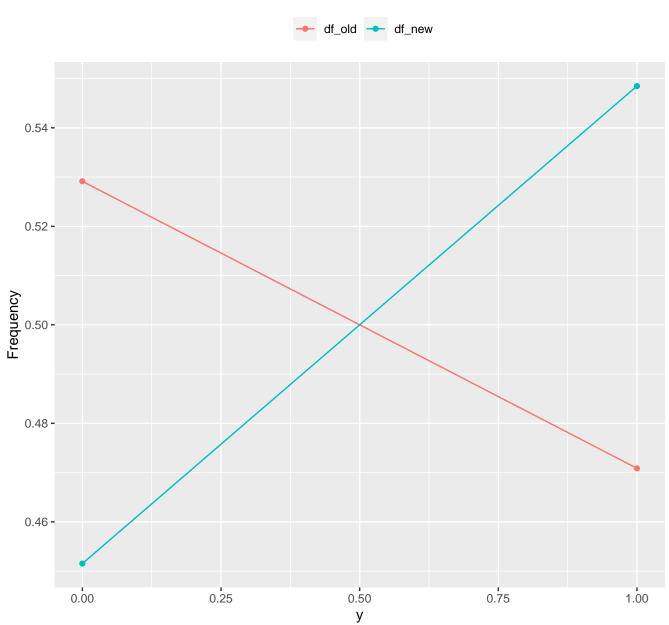


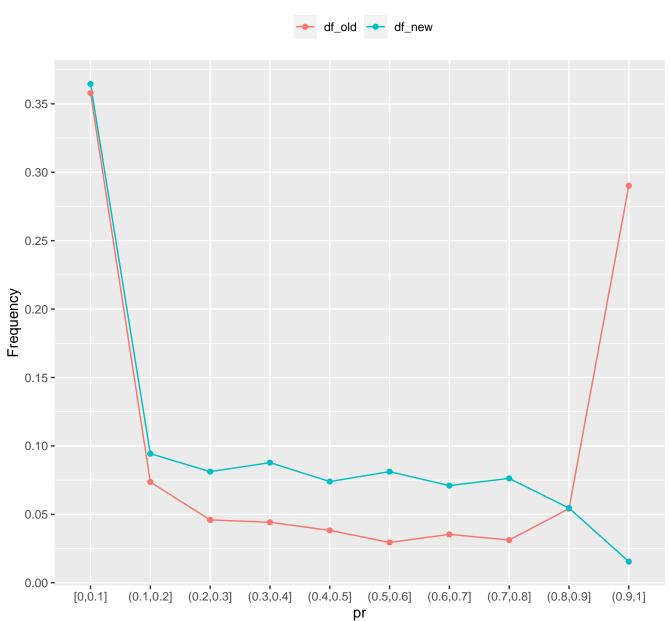


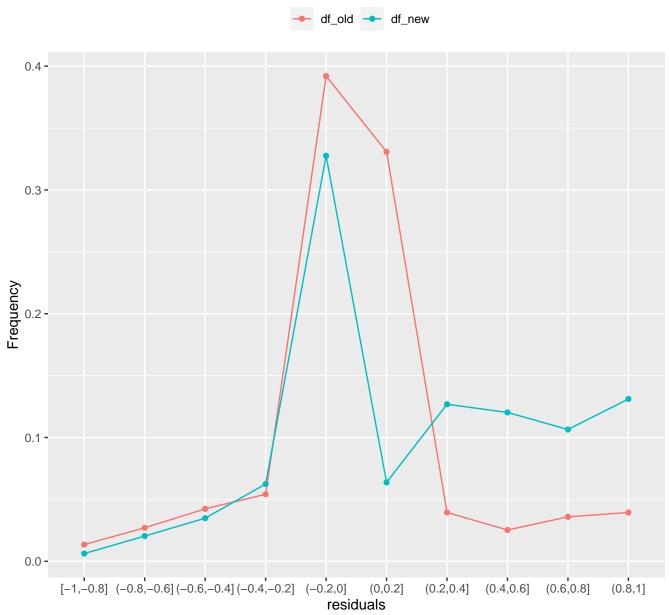


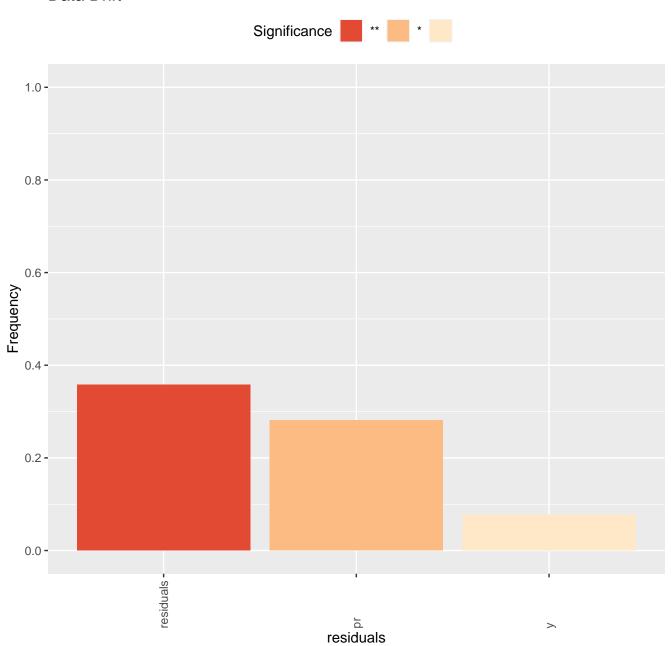


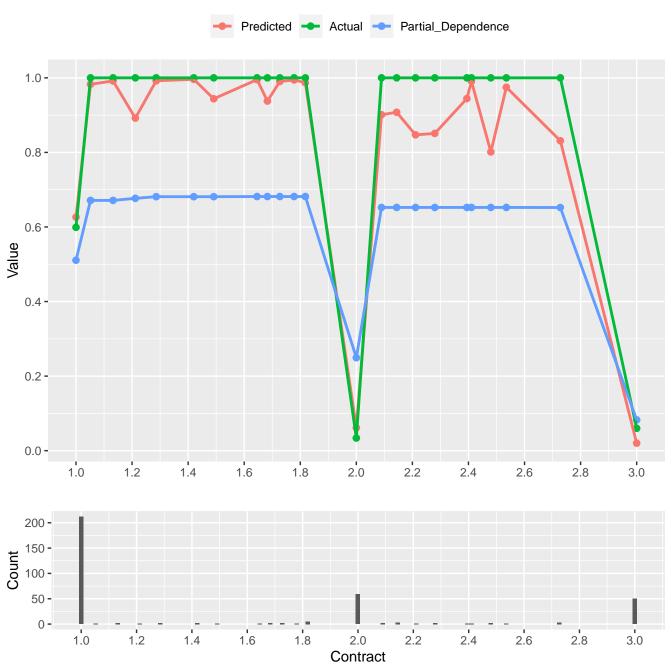


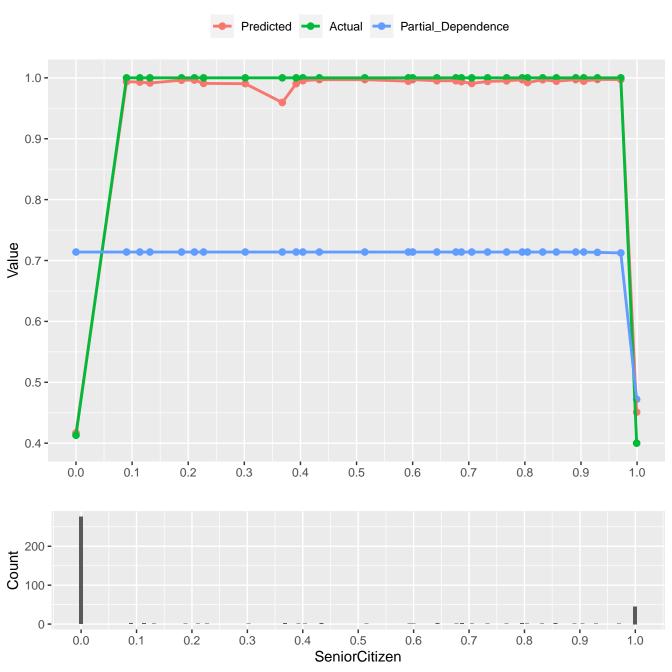


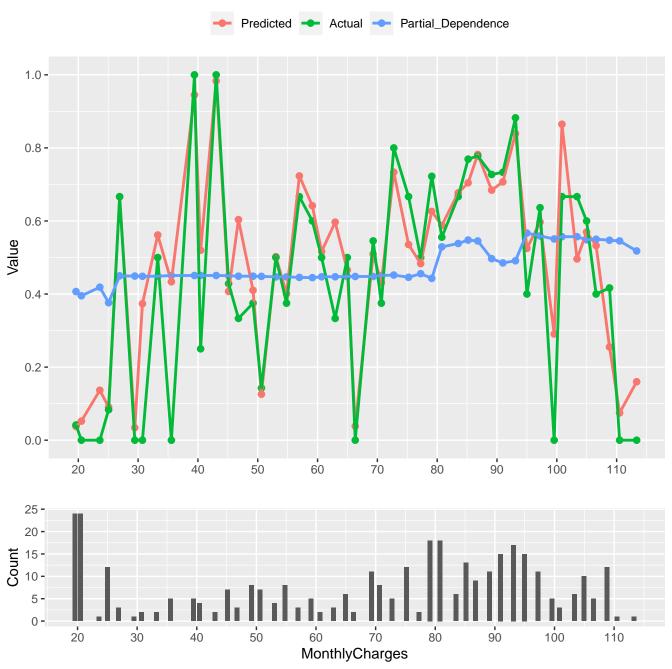


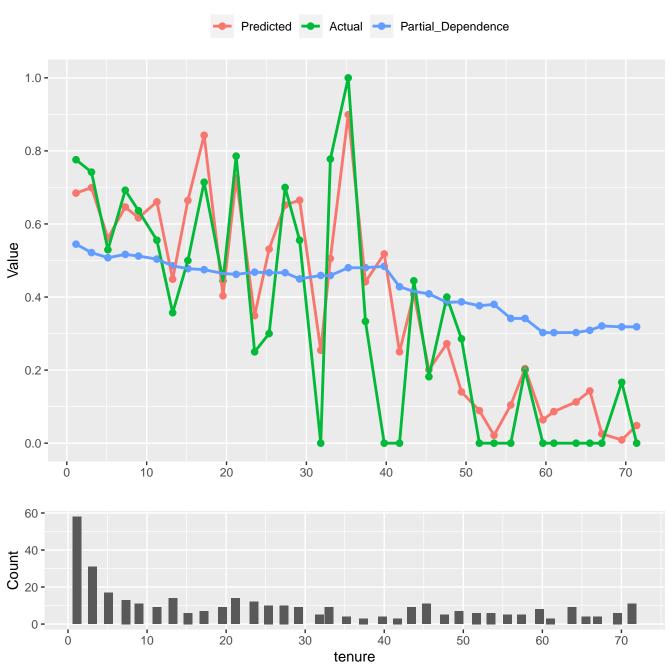


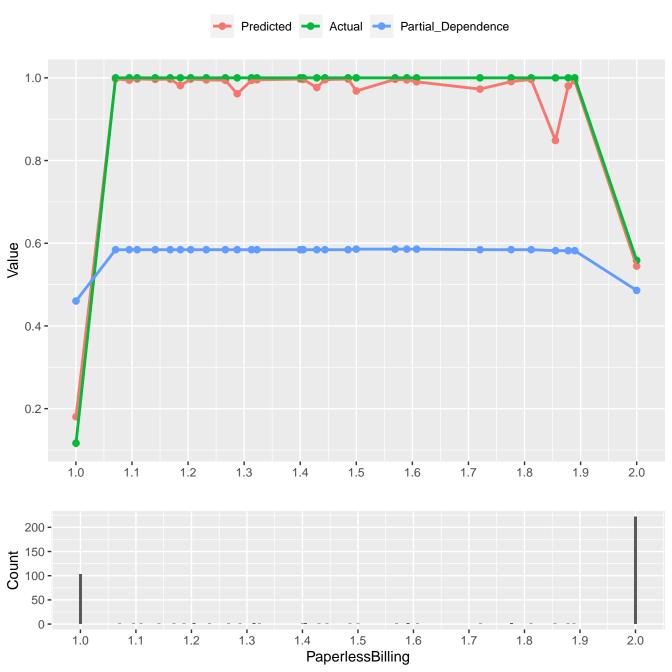


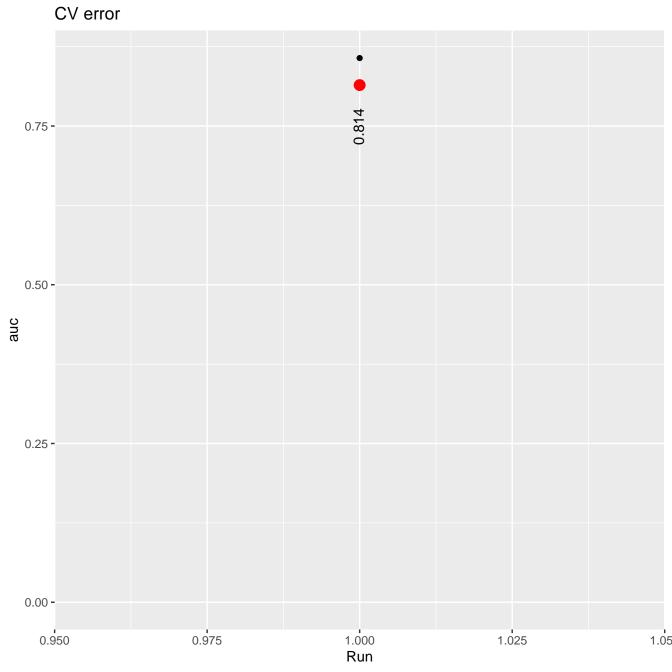


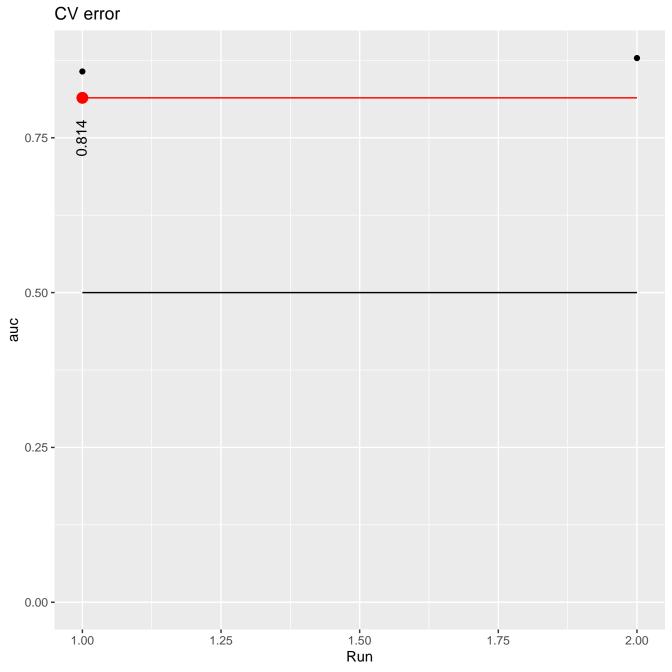


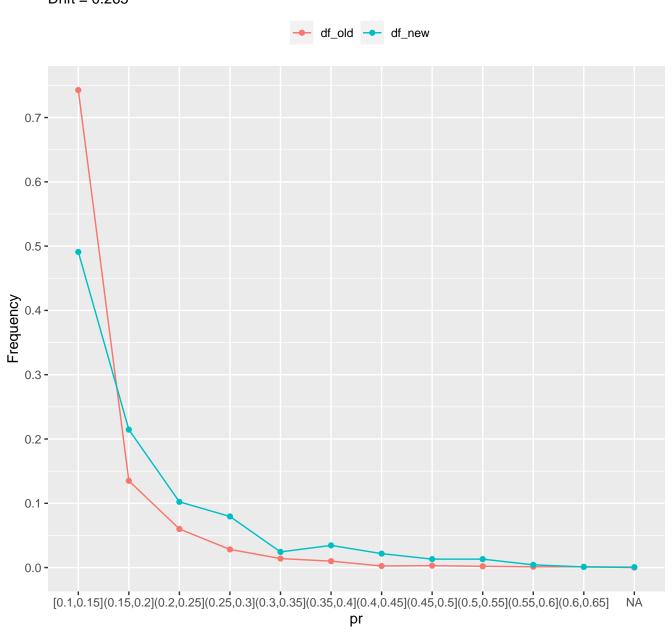




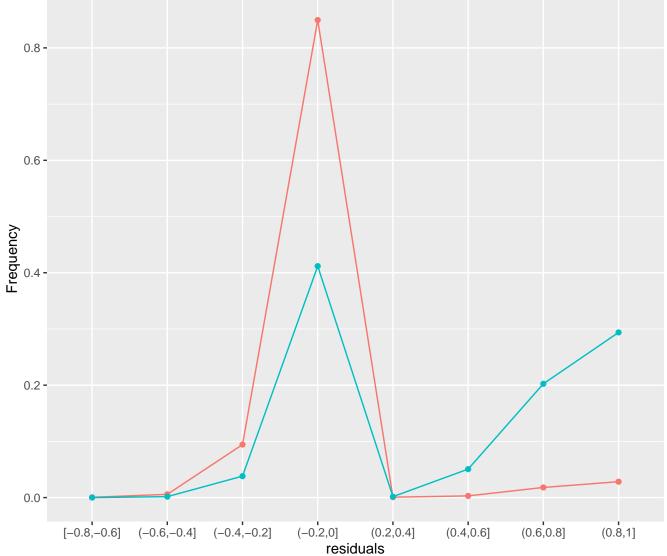


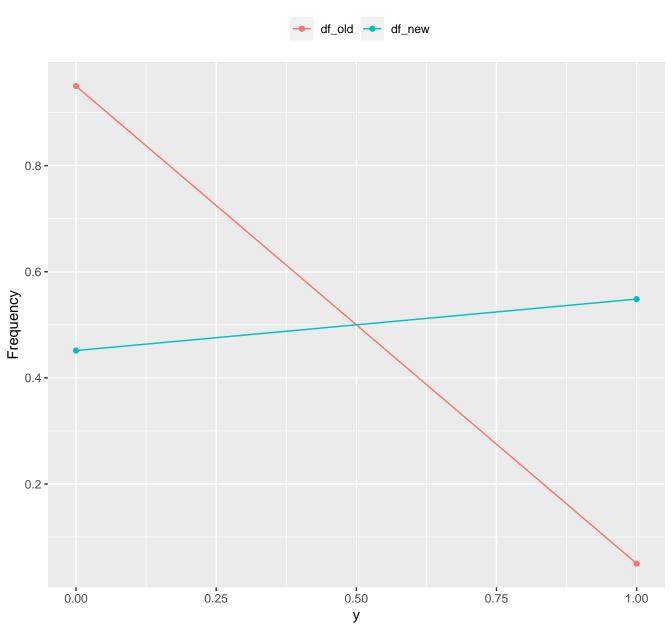


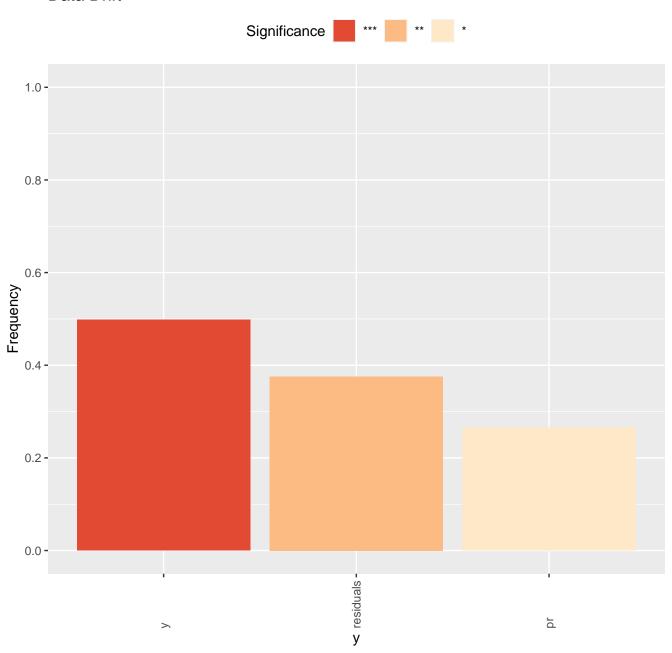


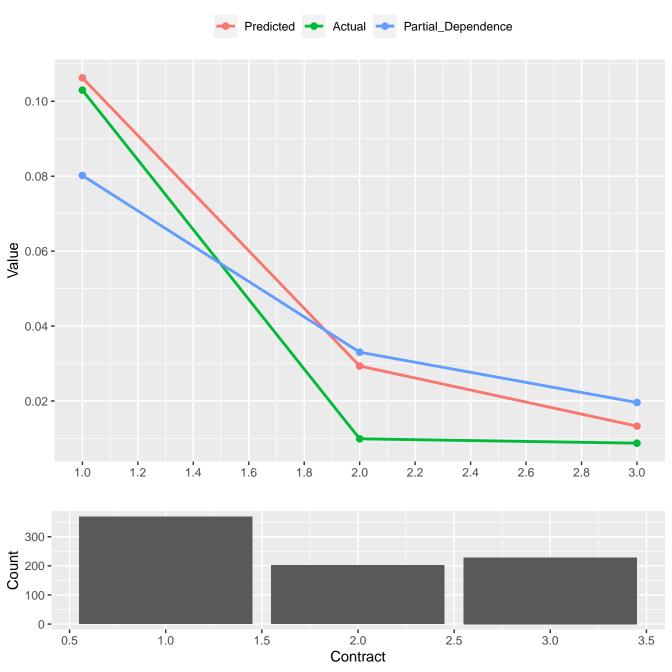


Vergleich der Häufigkeiten Drift = 0.376df_old df_new

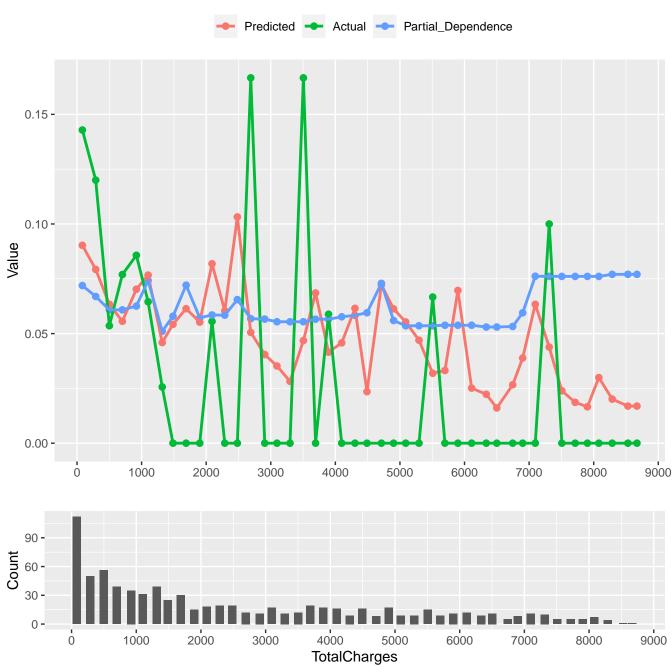


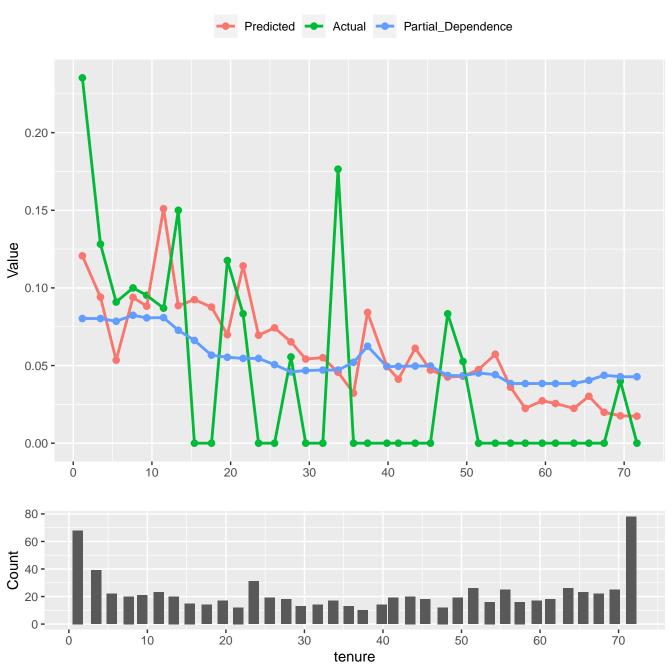


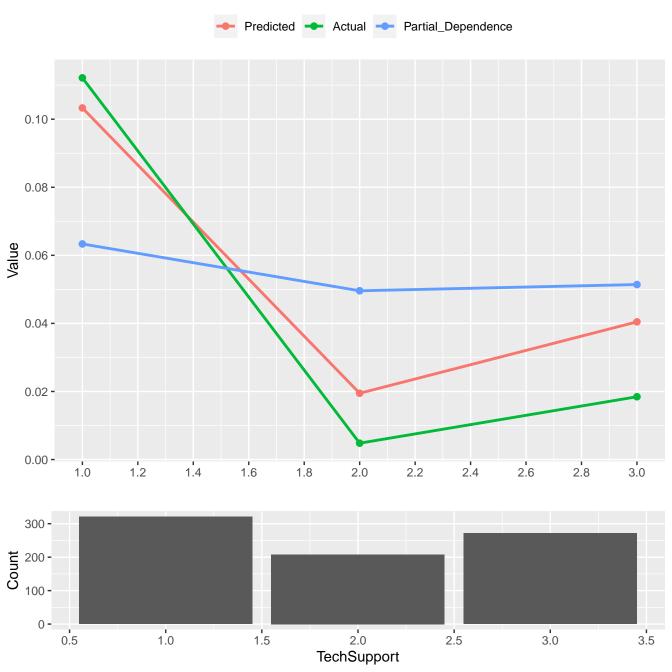


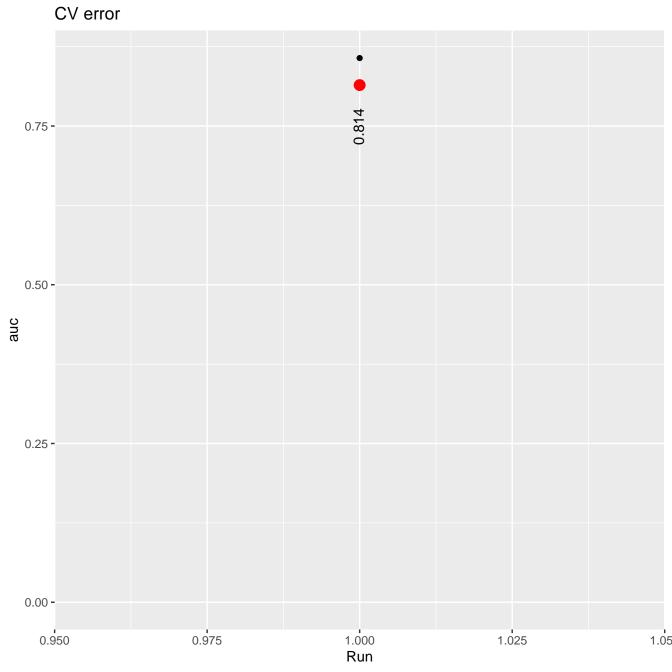


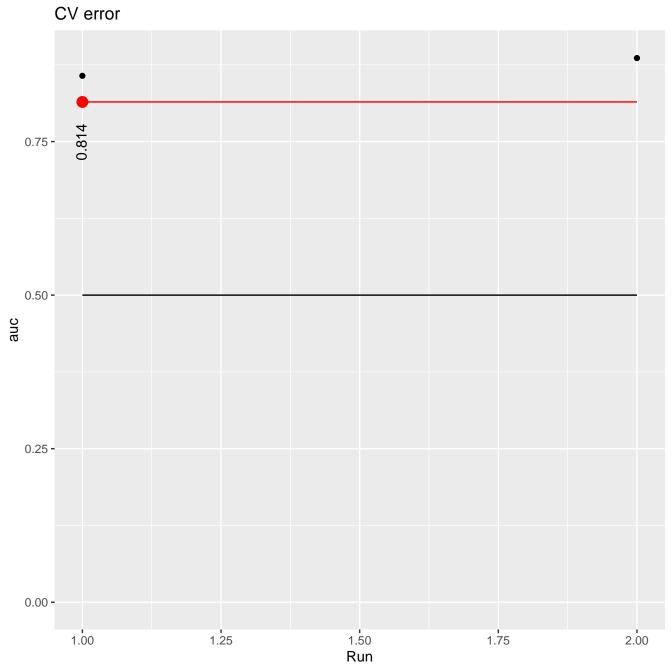


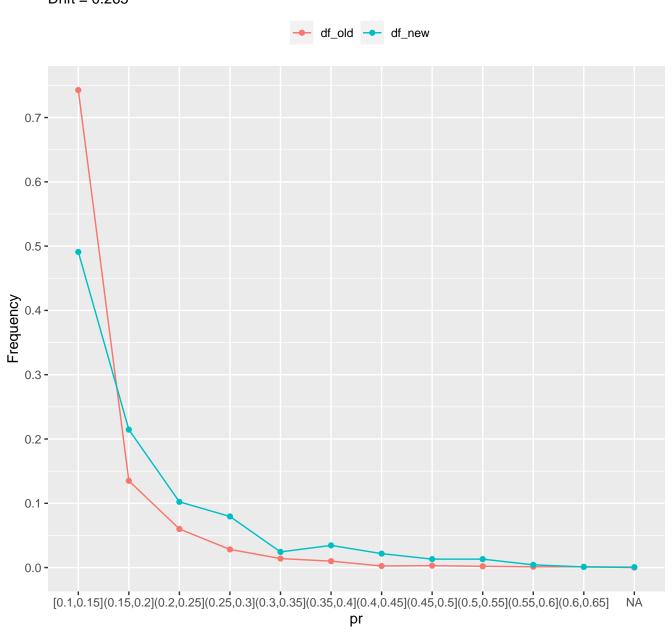




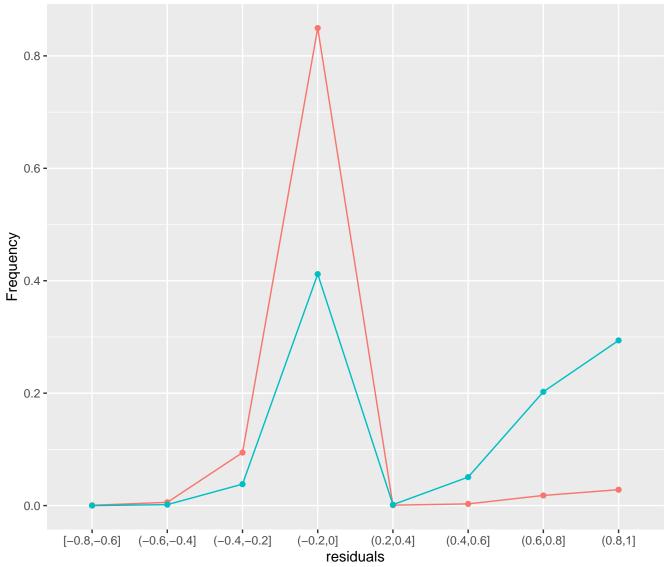


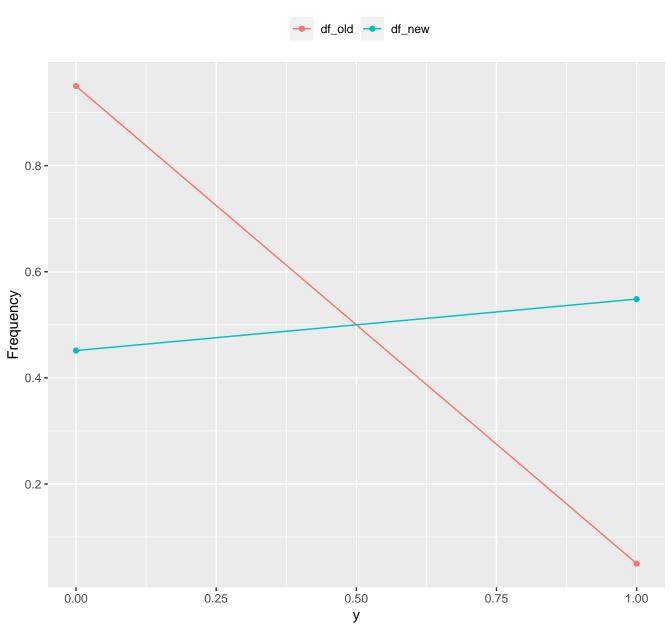


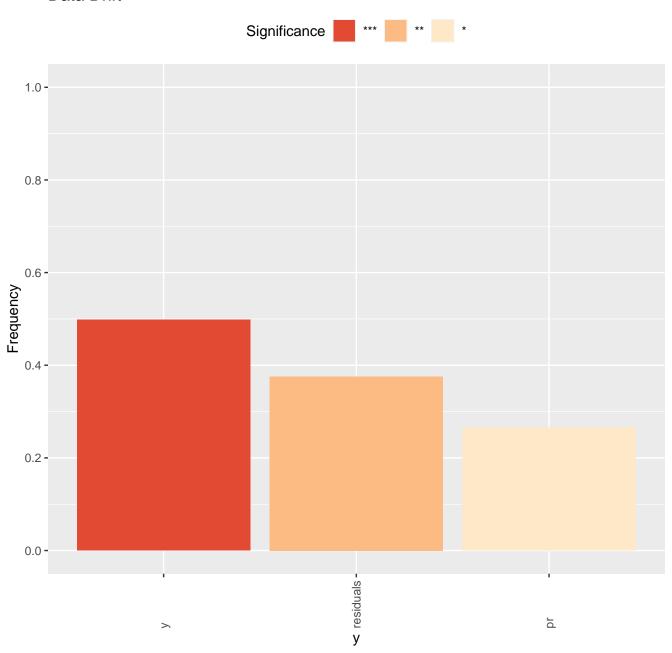


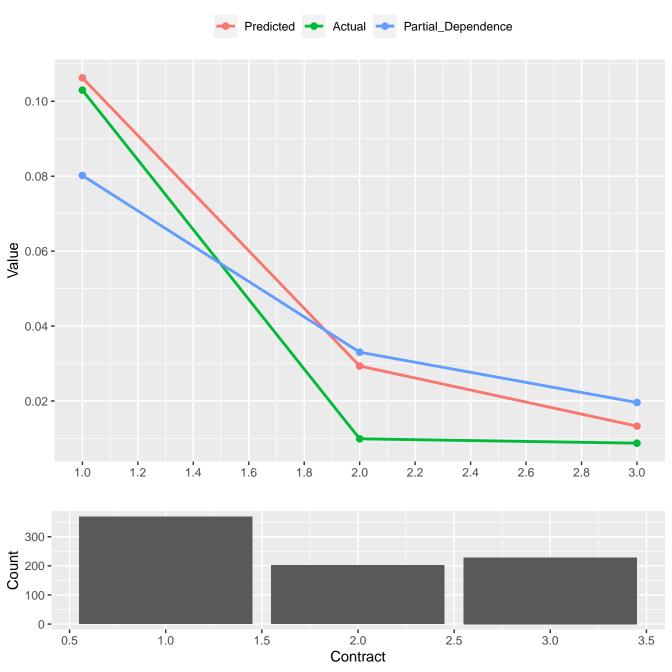


Vergleich der Häufigkeiten Drift = 0.376df_old df_new

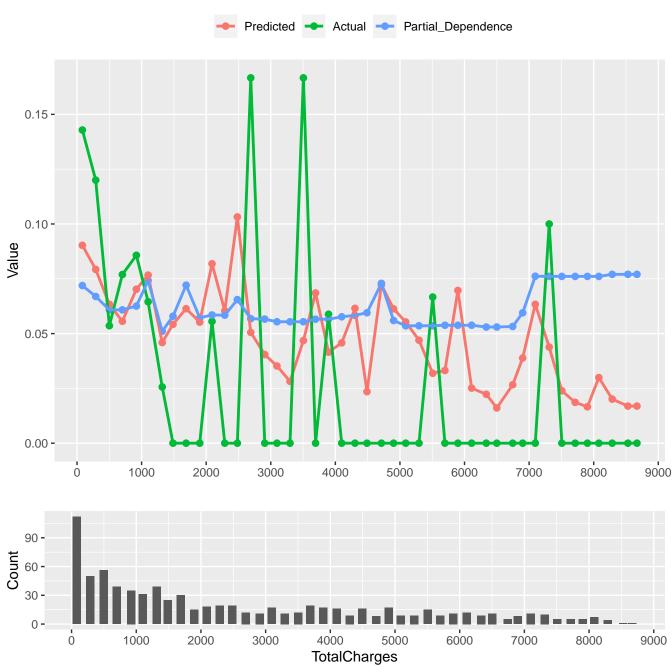


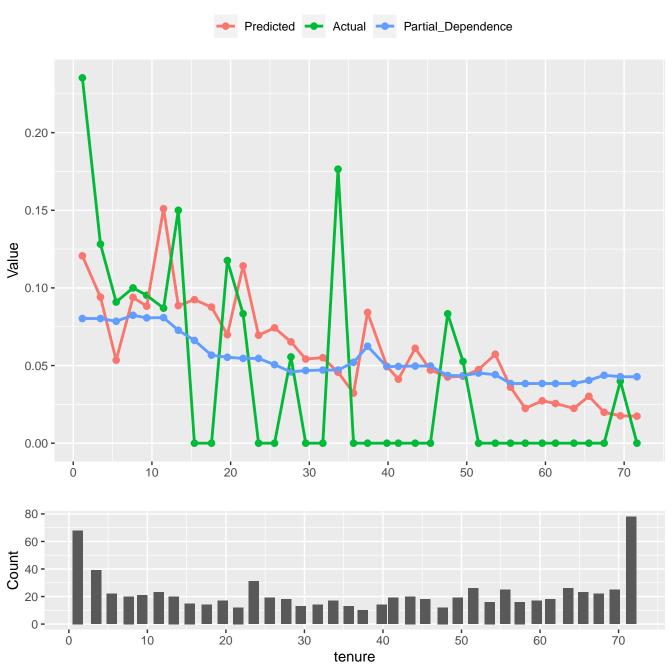


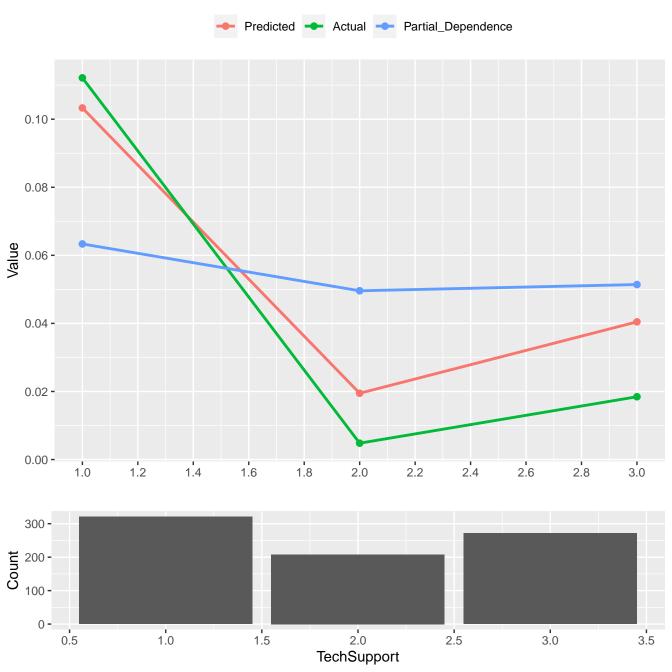


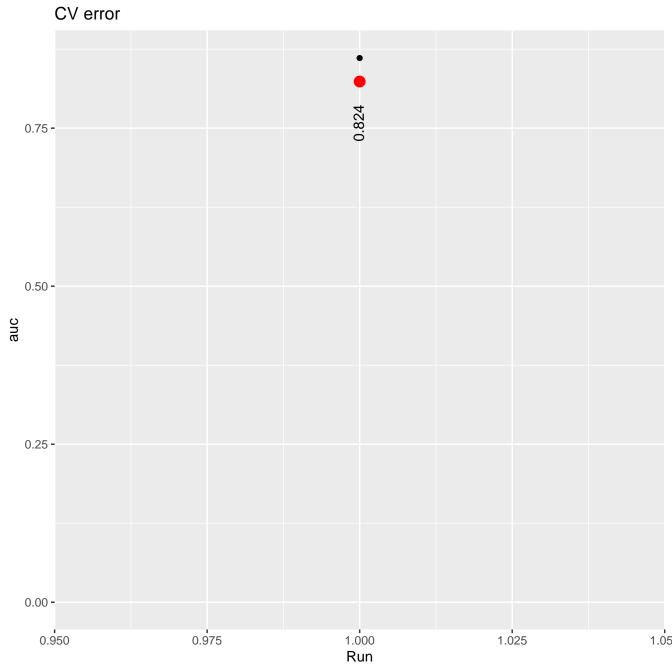


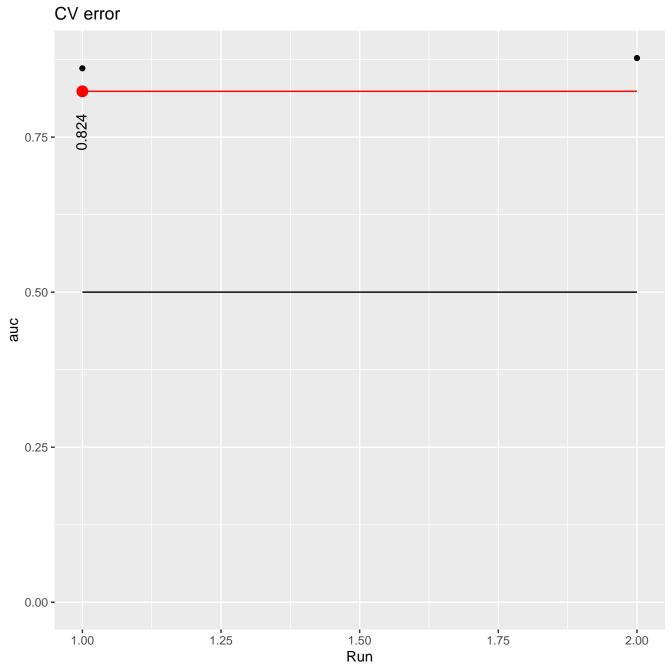


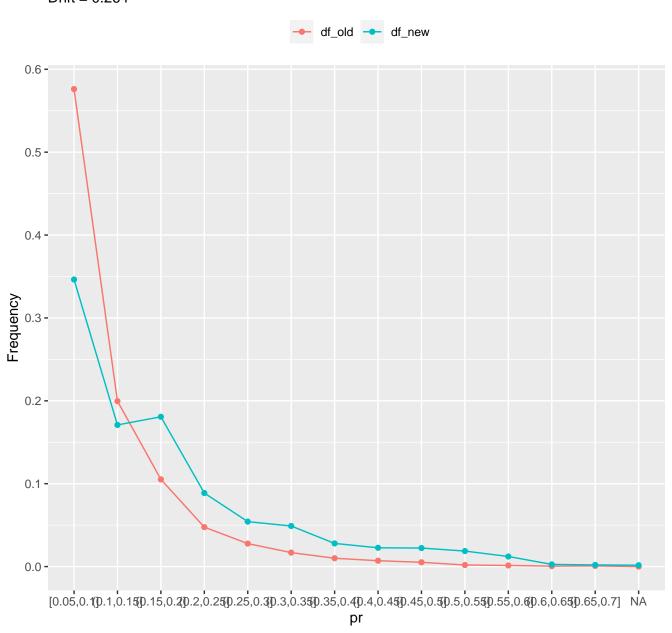


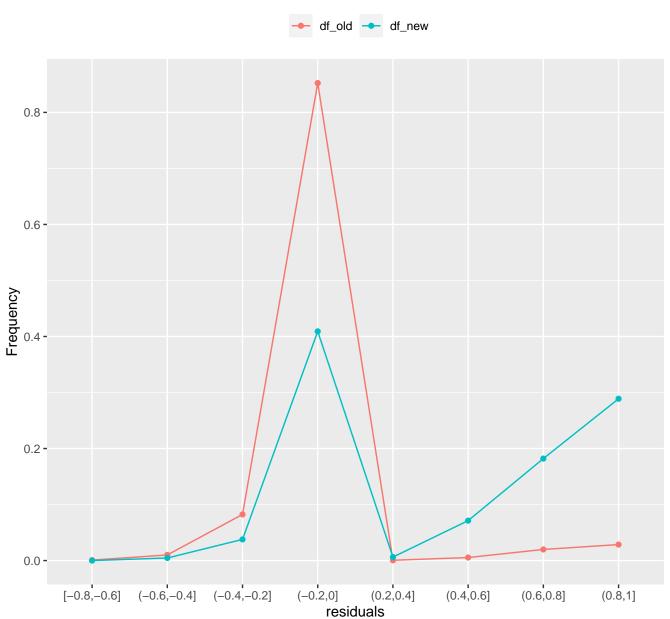


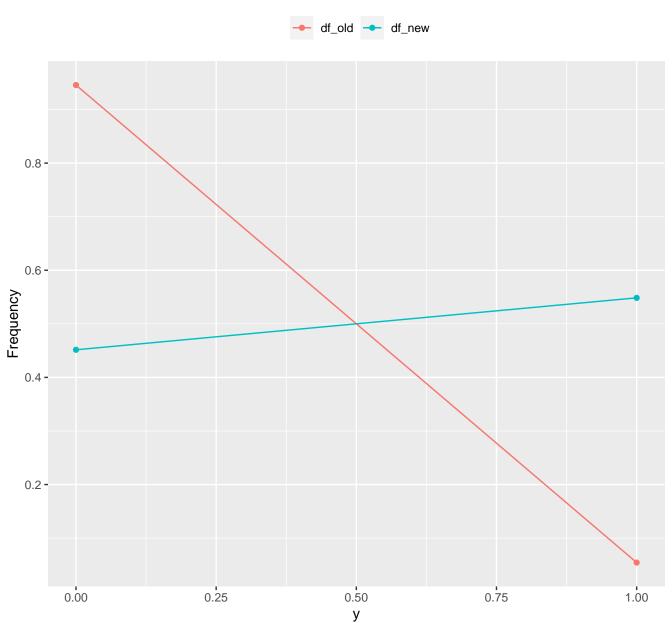


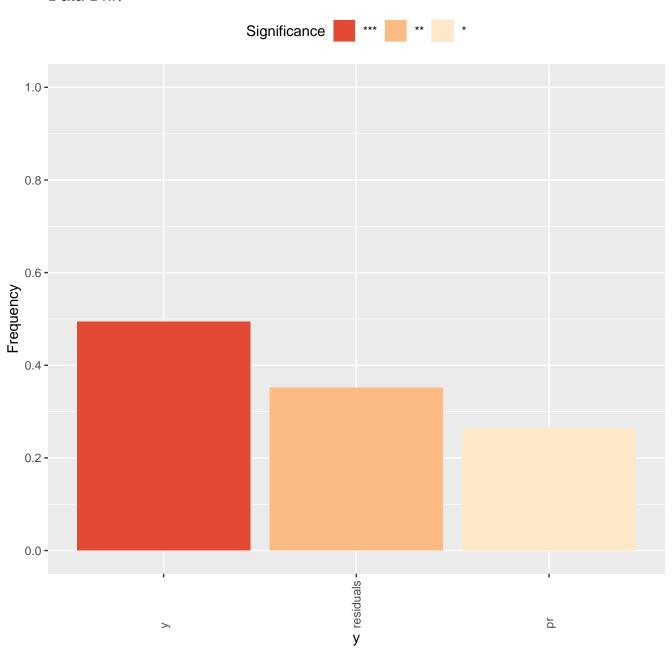


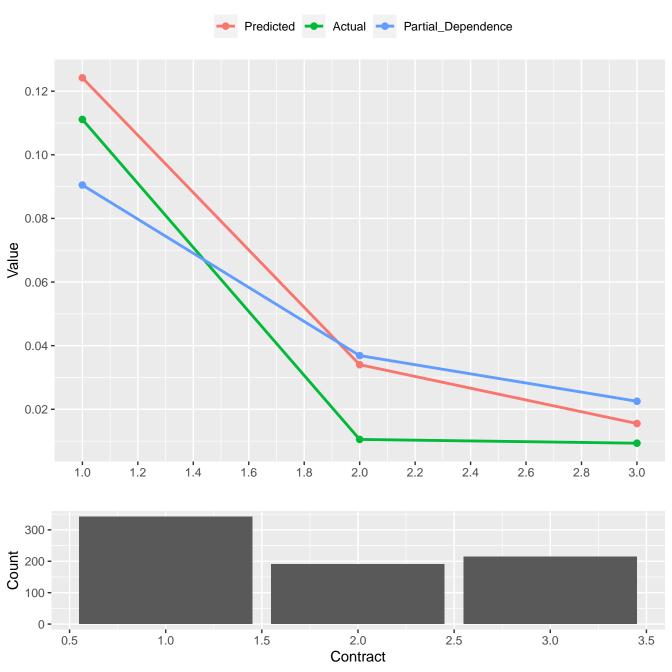


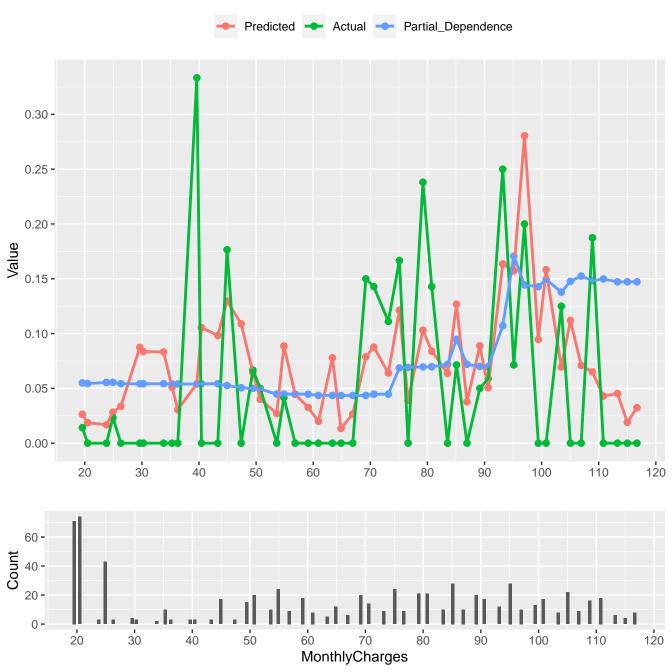


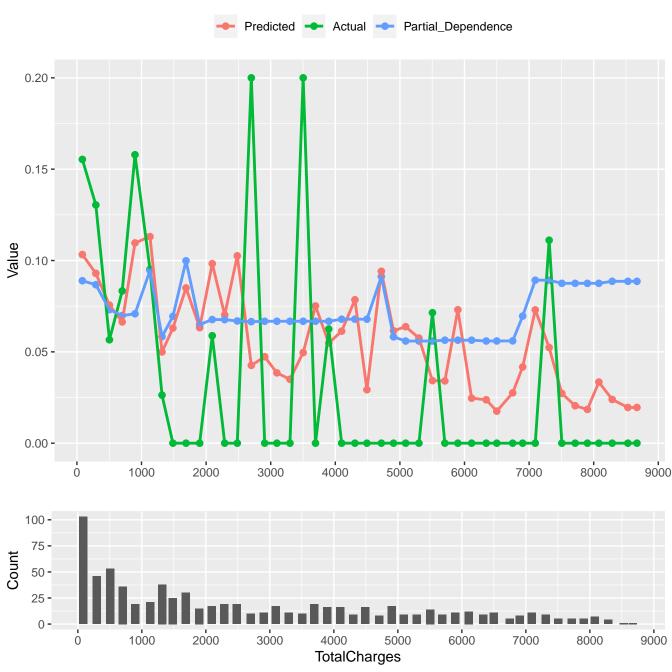


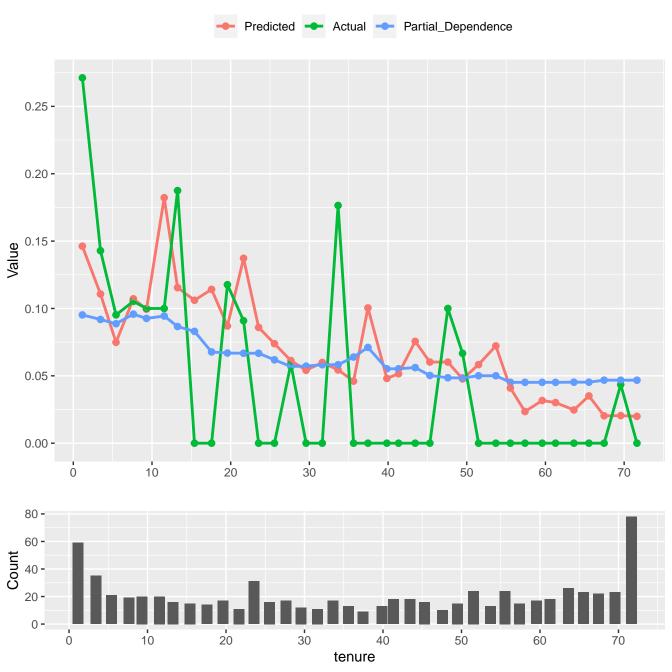


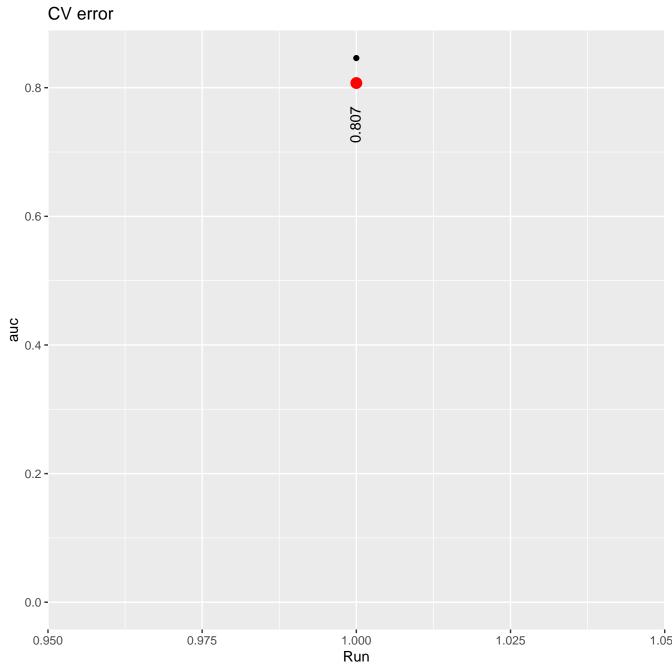


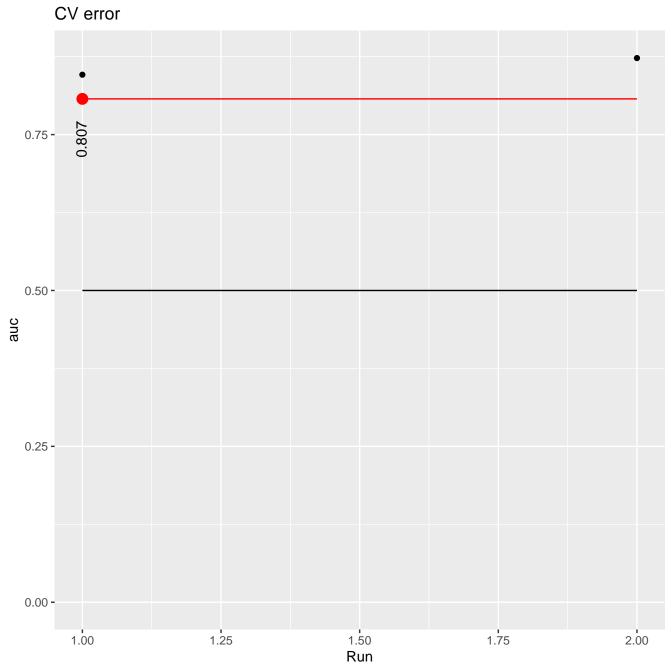


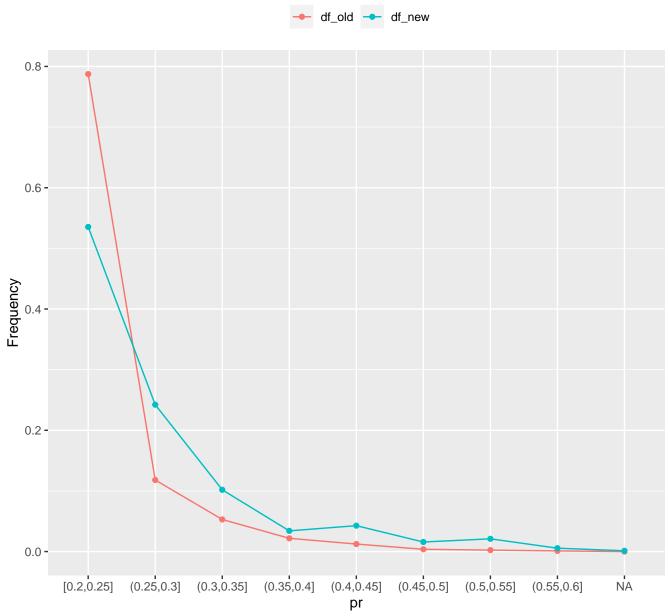


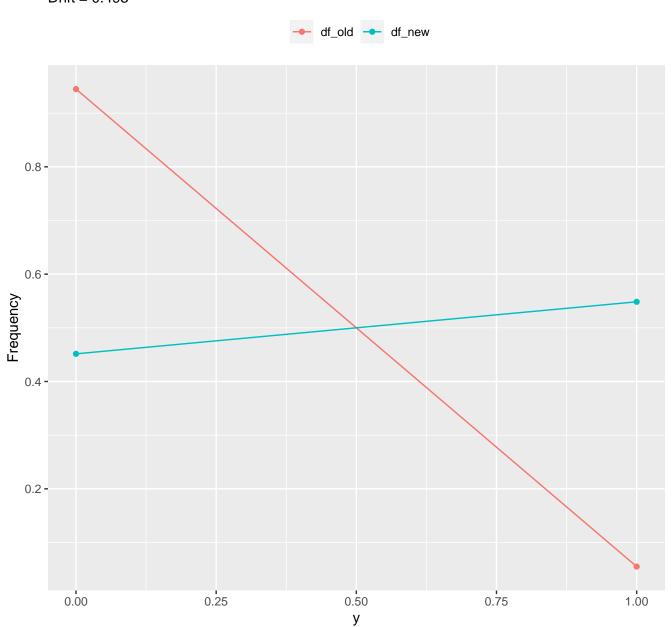


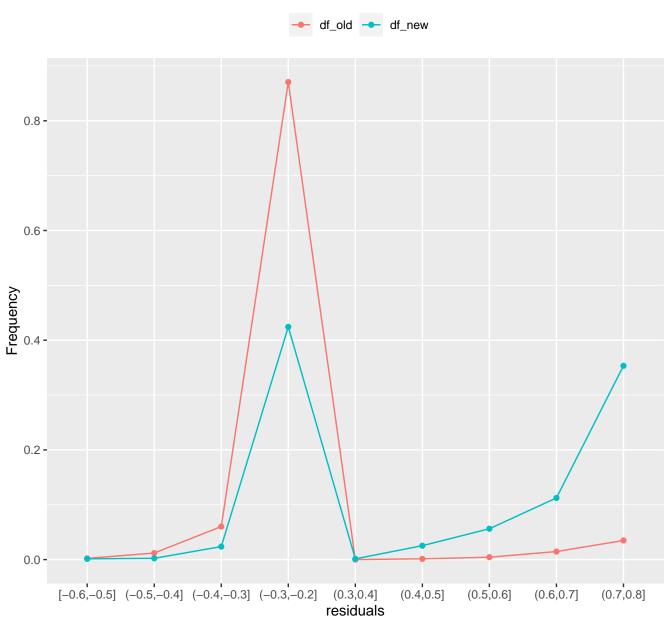


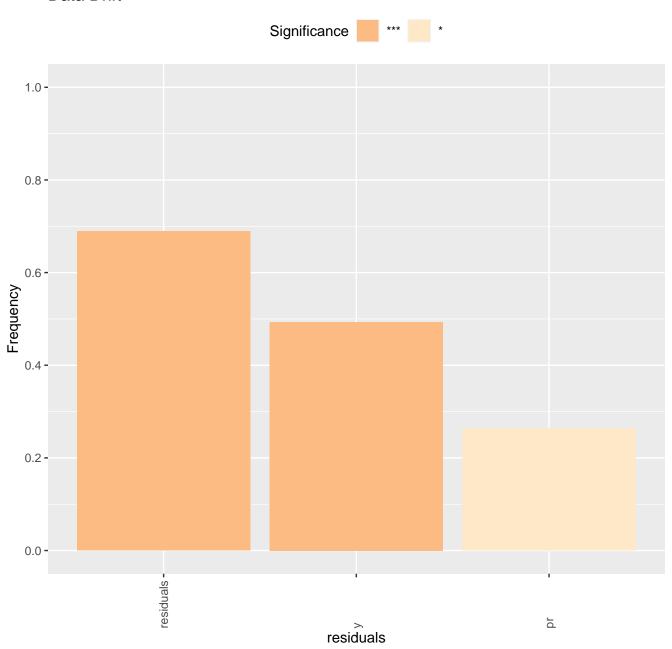


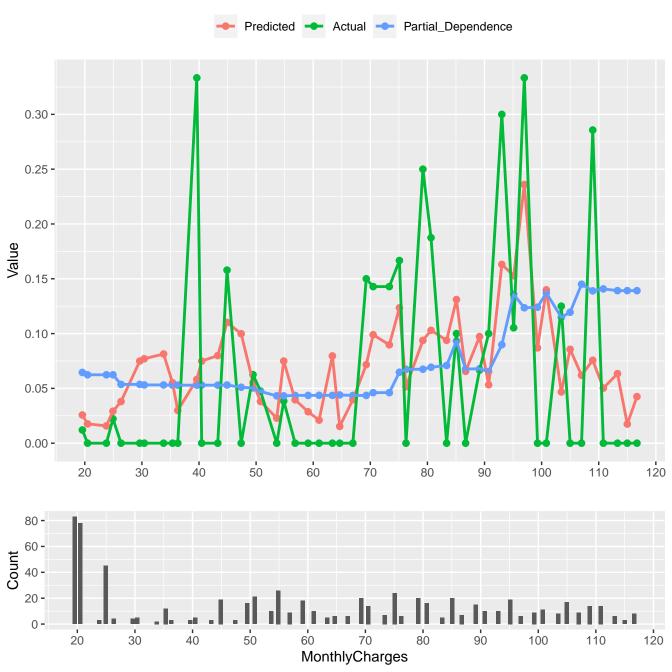


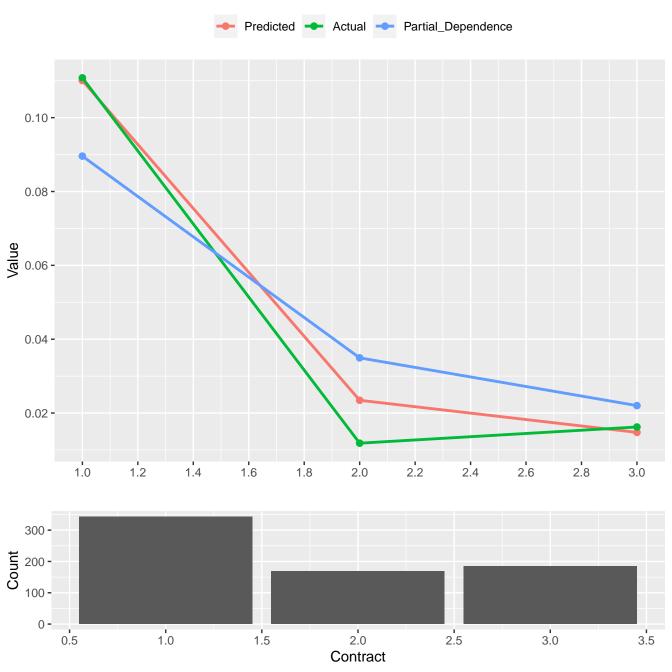


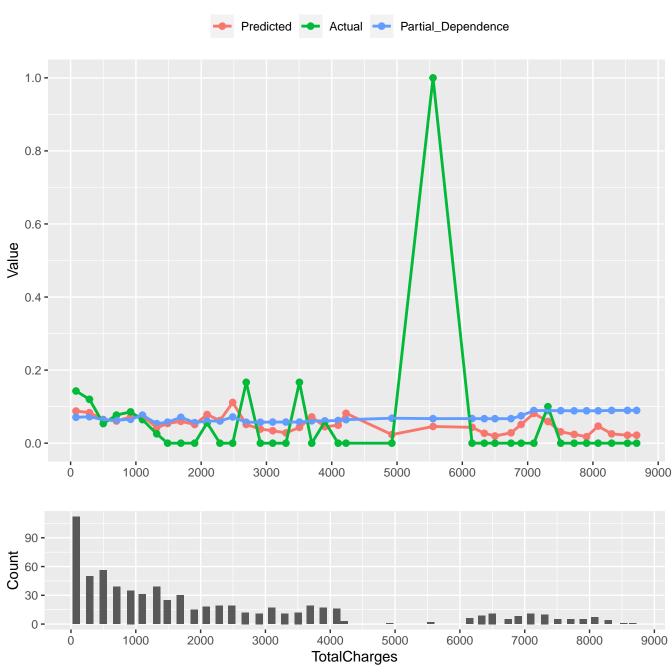




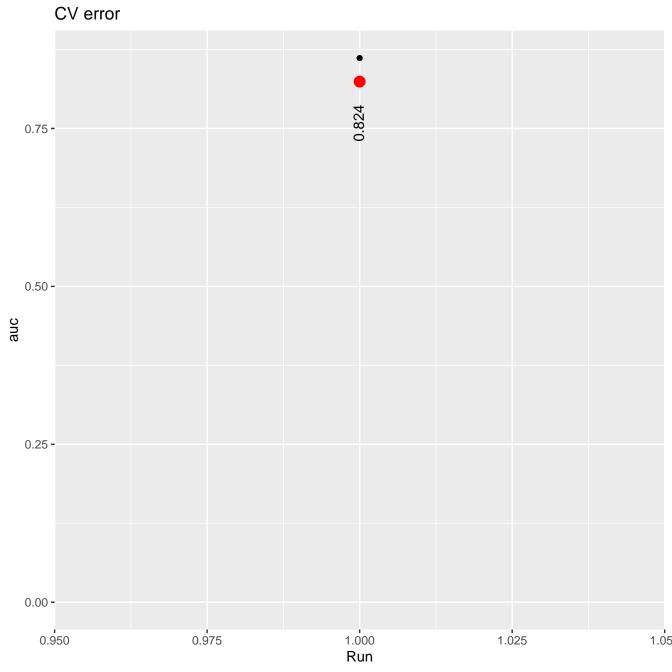


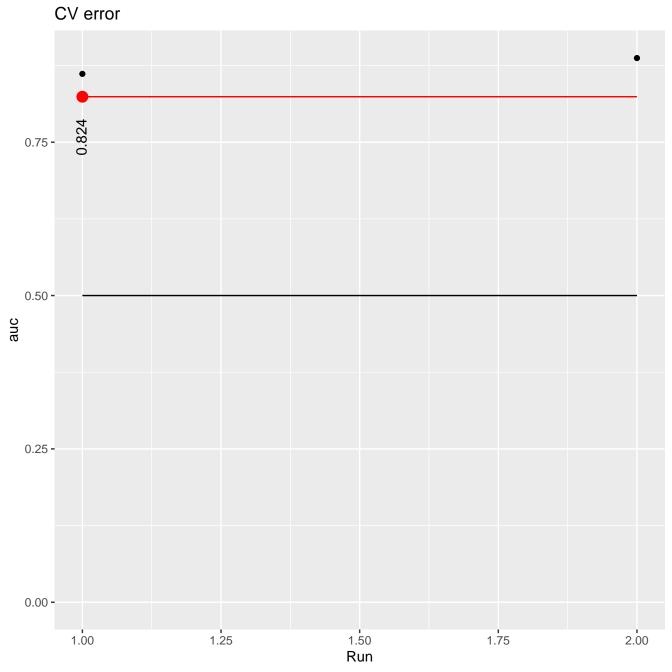


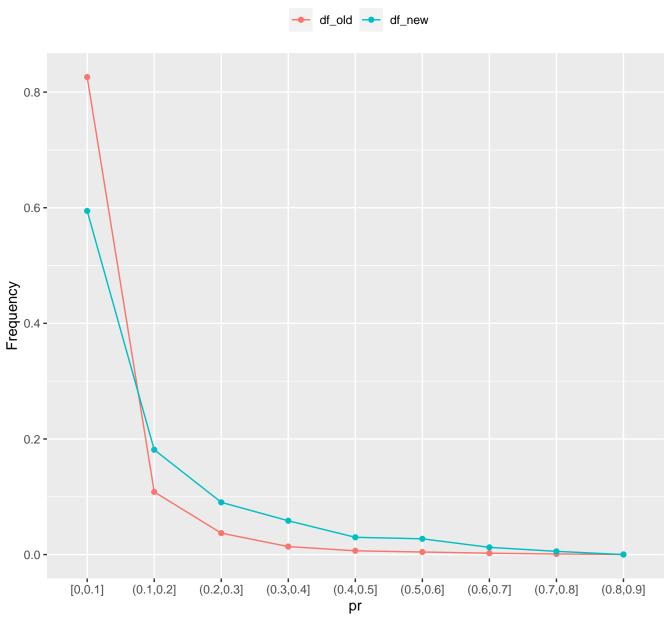


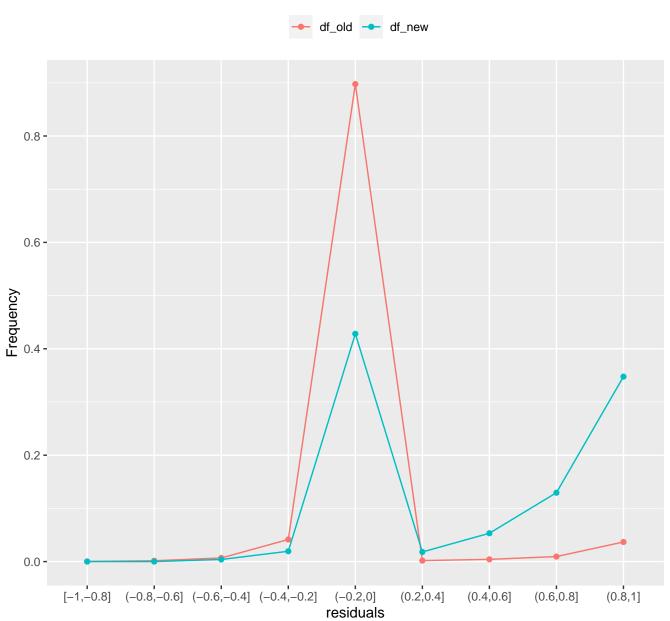


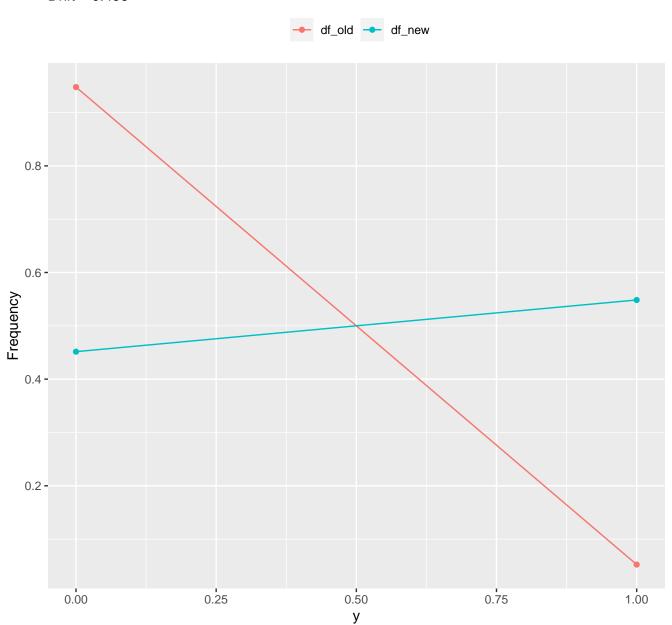


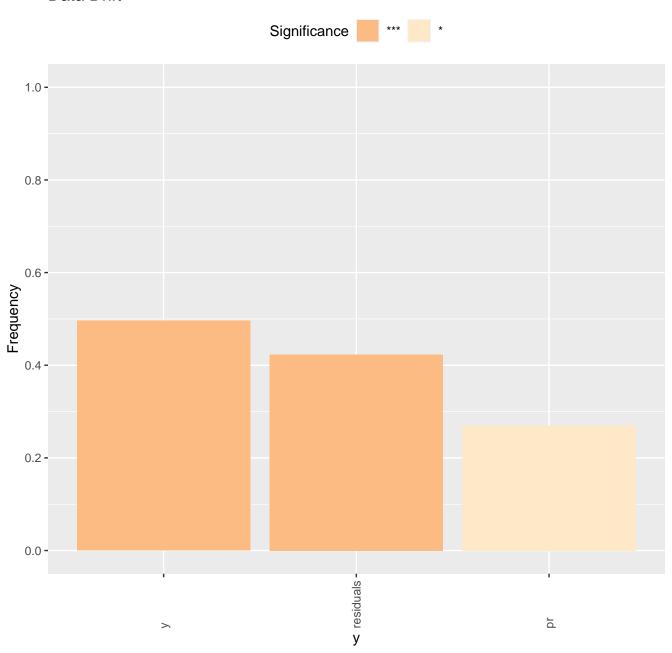


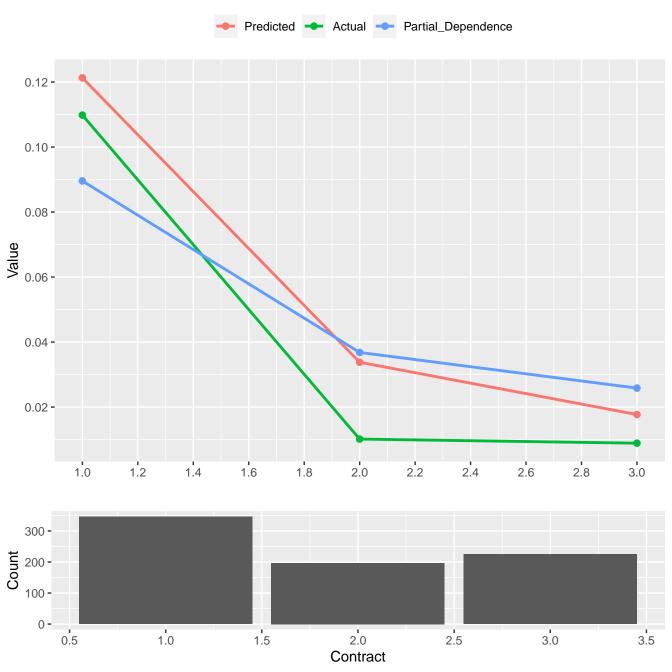


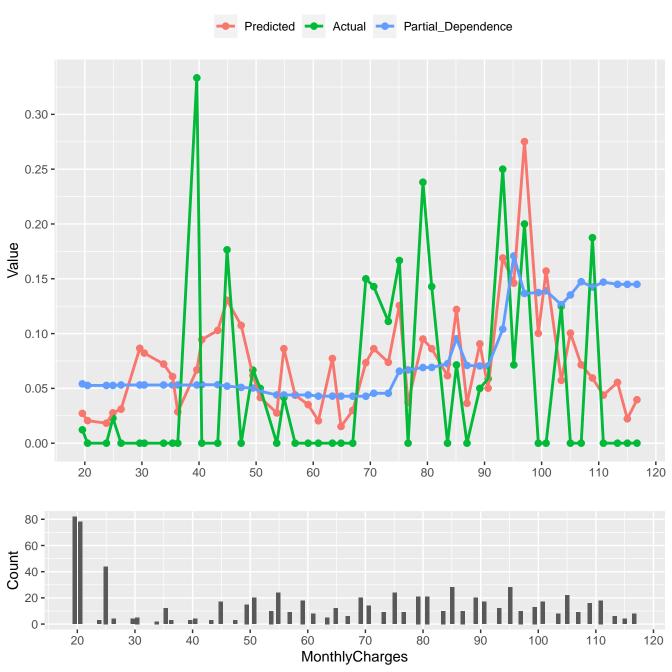


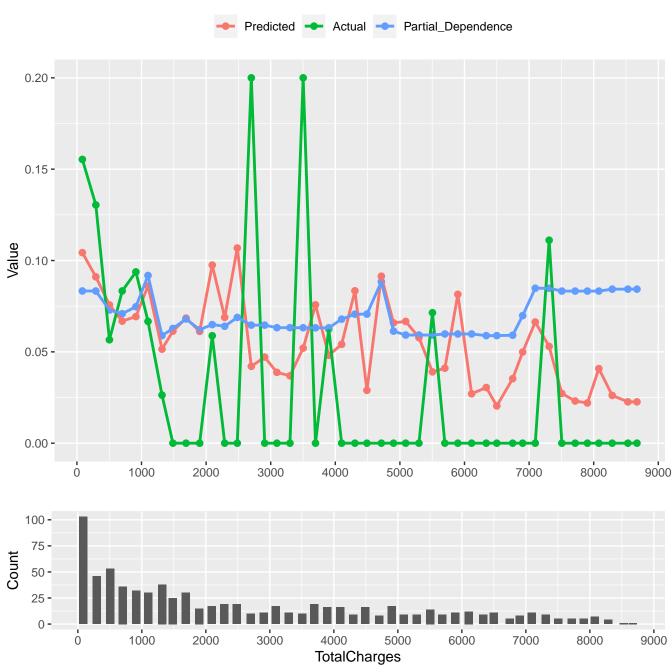


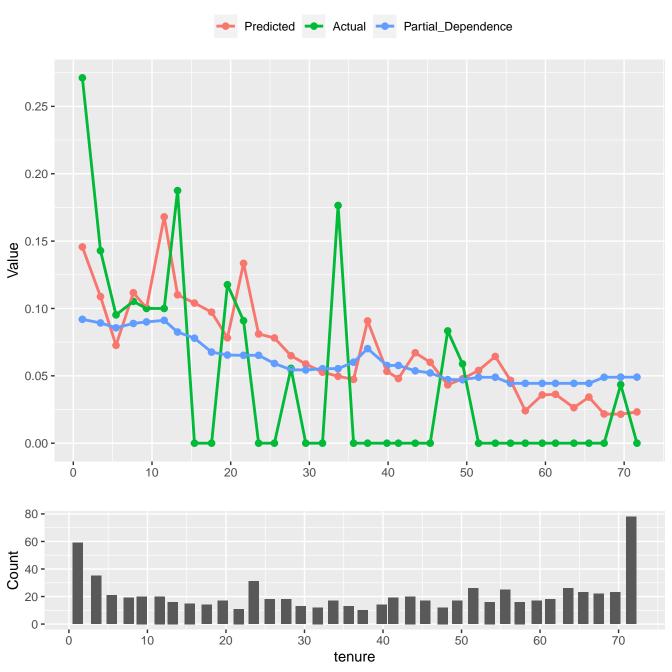




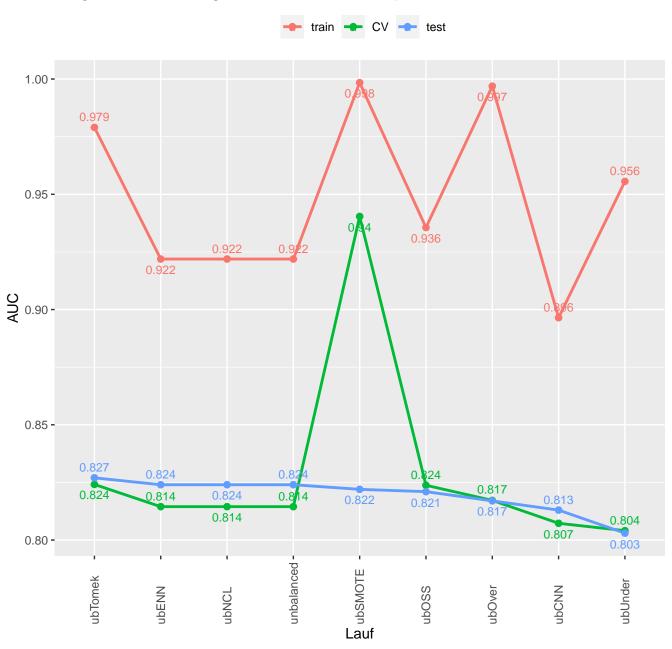








Vergleich der Modellgüte der einzelnen Sample Methoden



Vergleich der Trainingsdaten der einzelnen Sample Methoden 5'000 -20.8 % 5 % 5 % 4'000 -5 % 5.2 % 5.5 % 5.4 % Anteil y = 1Anzahl Trainingsdaten 3'000 -0.0% 10.0% 20.0% 30.0% 2'000 -40.0% 50.0% 1'000 -25 % 0 unbalanced auf Lauf ubTomek ubUnder npcnn SSOqn ubOver **UPENN** ubNCL