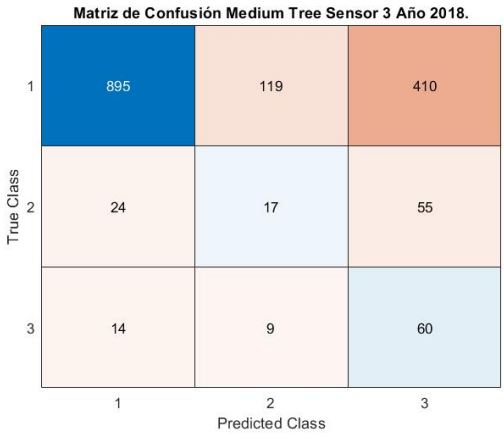
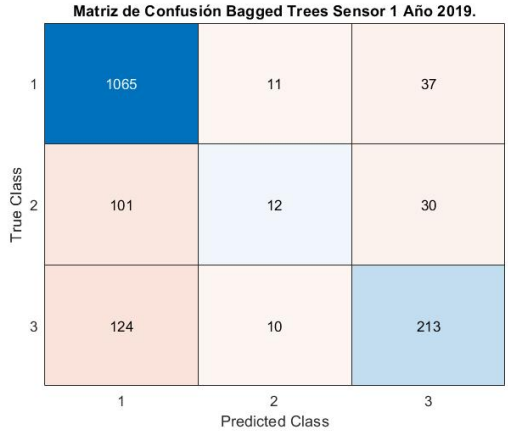


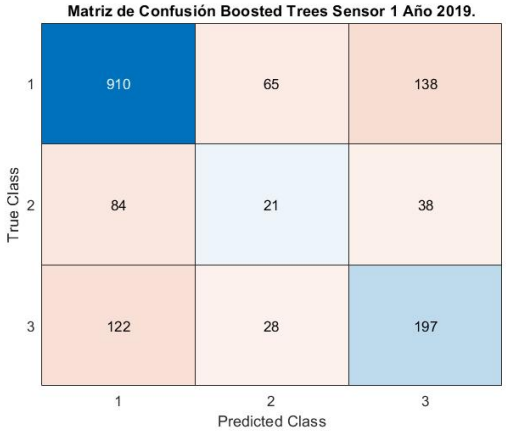
(c) Medium Tree

Figura 7.31: Matrices de Confusión Trees Pt 3 2018

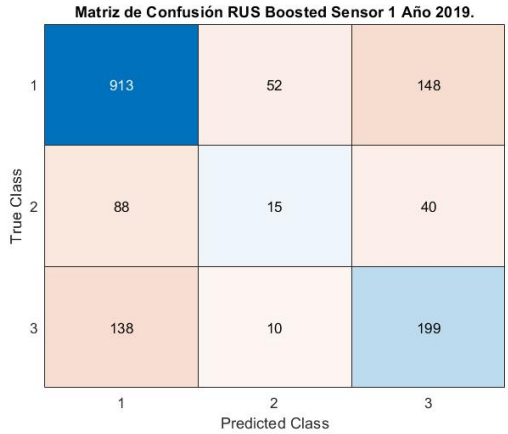
Ahora vamos a representar las matrices de confusión obtenidas en 2019, empezando por las del método sobremuestreo en el sensor uno:



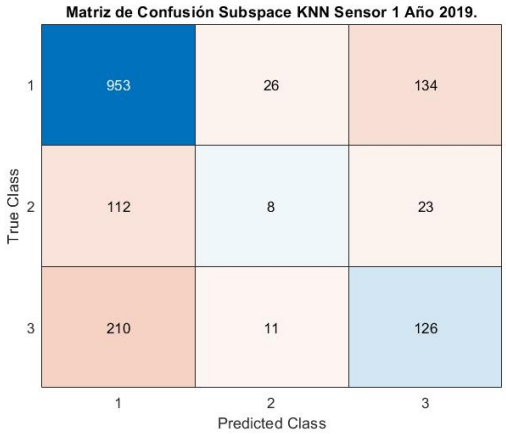
(a) Bagged Trees



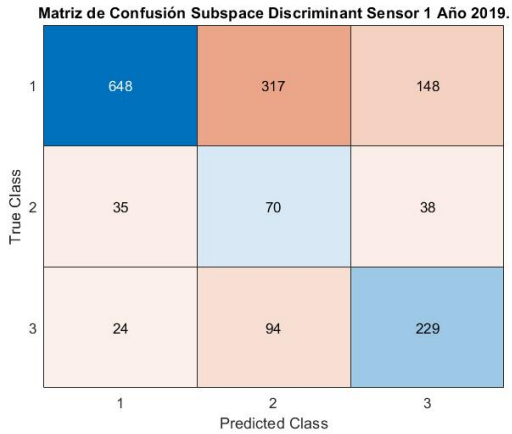
(b) Boosted Trees



(c) RUS Boosted Trees

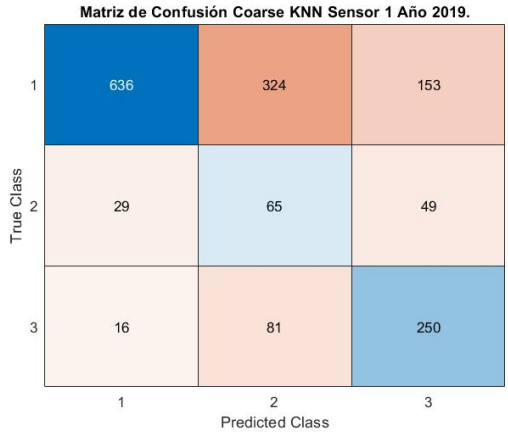


(d) Subspace KNN

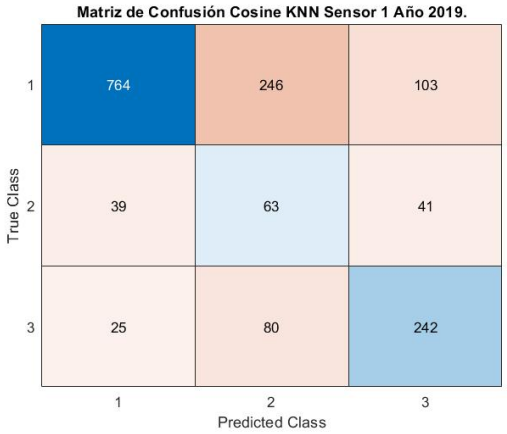


(e) Subspace Discriminant

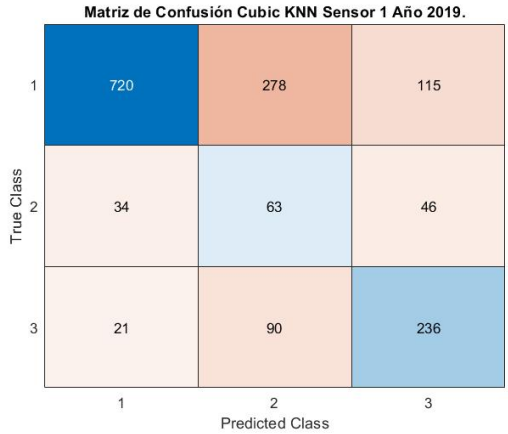
Figura 7.32: Matrices de Confusión Ensemble Pt 1 2019



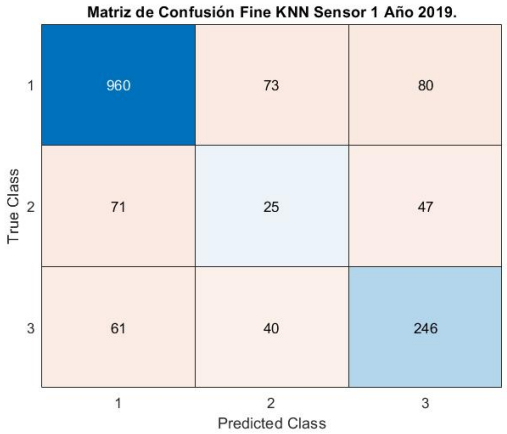
(a) Coarse KNN



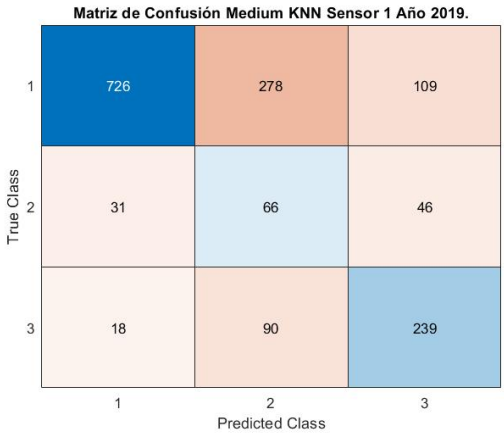
(b) Cosine KNN



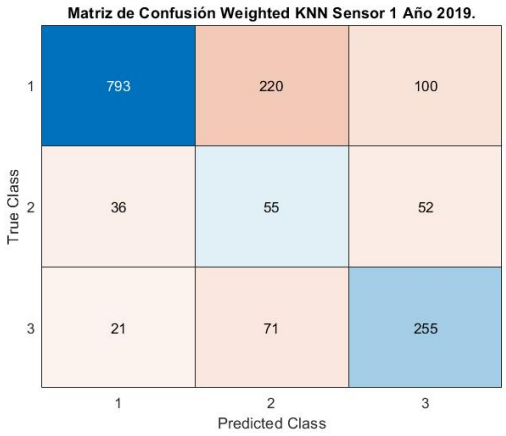
(c) Cubic KNN



(d) Fine KNN

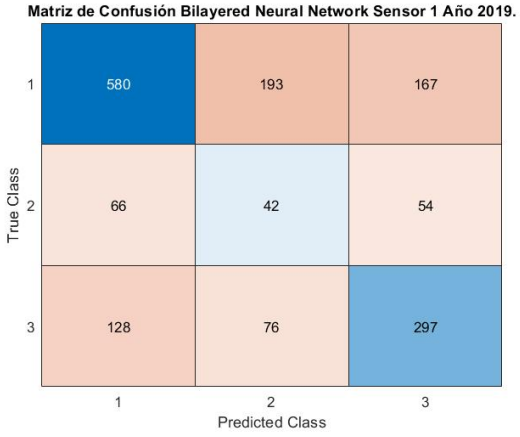


(e) Medium KNN

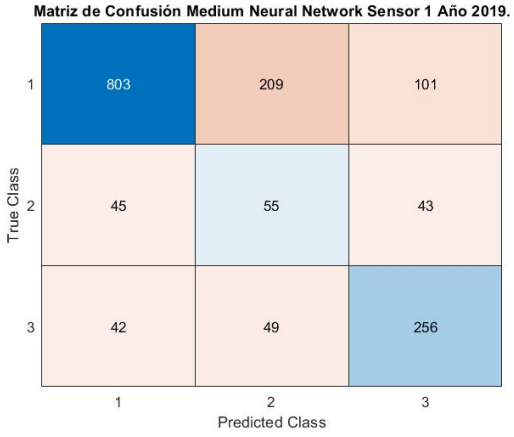


(f) Weighted KNN

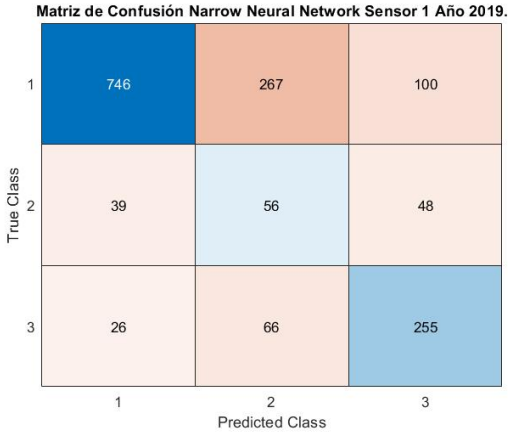
Figura 7.33: Matrices de Confusión KNN Pt 1 2019



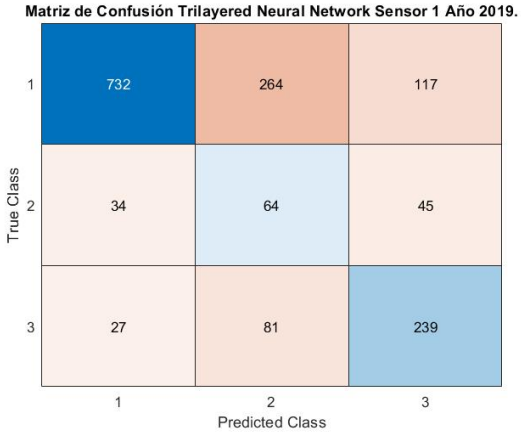
(a) Bilayared NN



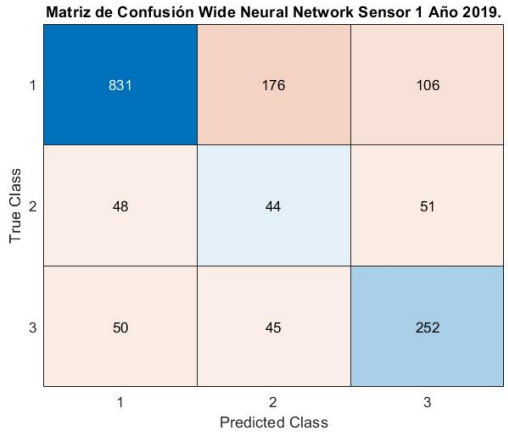
(b) Medium NN

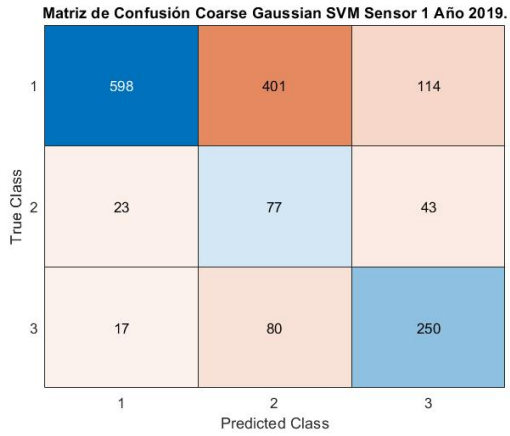


(c) Narrow NN

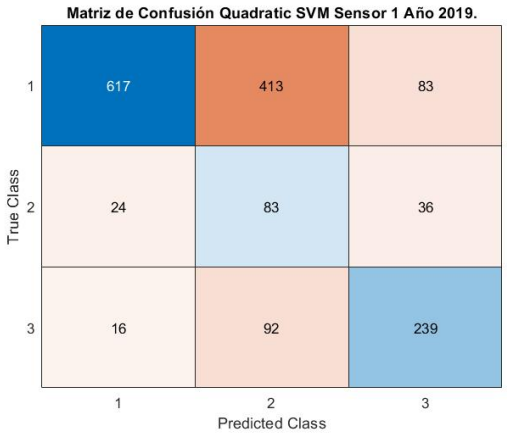


(d) Trilayared NN

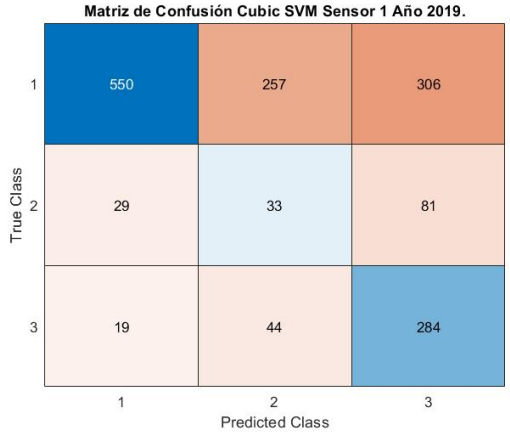




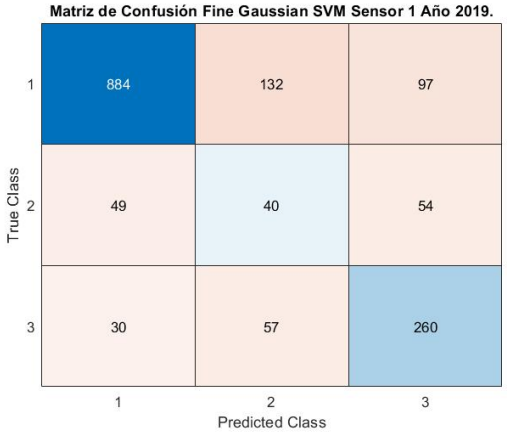
(a) Coarse Gaussian SVM



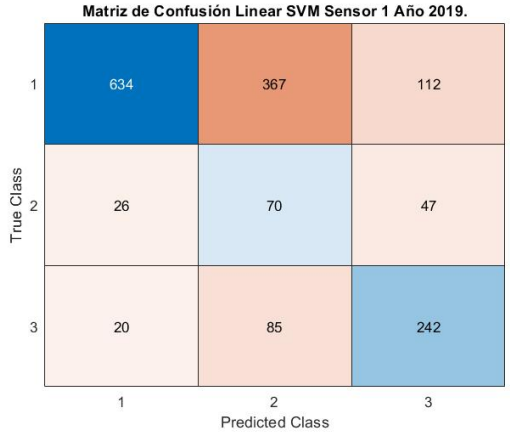
(b) Quadratic SVM



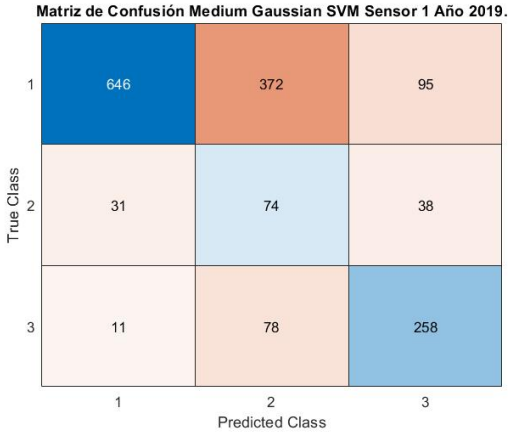
(c) Cubic Gaussian SVM



(d) Fine Gaussian SVM

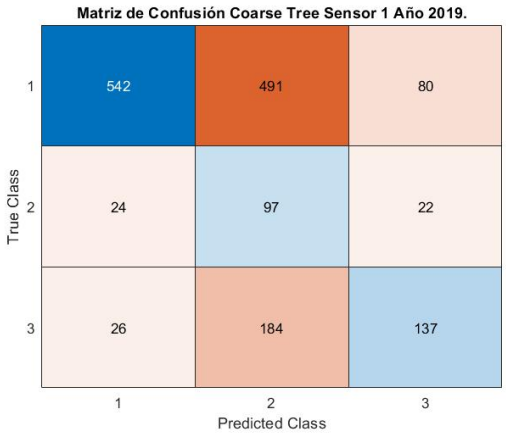


(e) Linear SVM

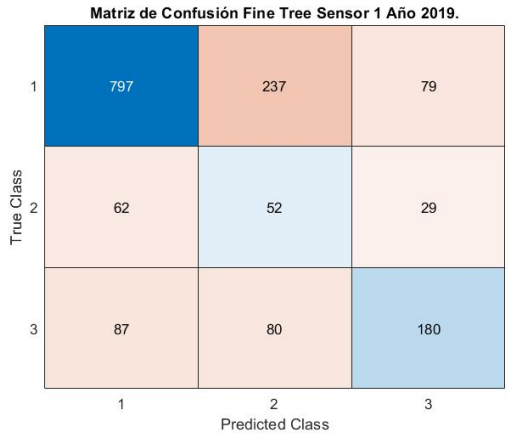


(f) Medium Gaussian SVM

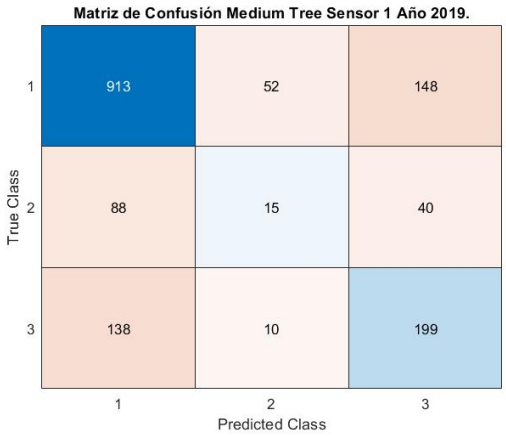
Figura 7.35: Matrices de Confusión SVM Pt 1 2019



(a) Coarse Tree



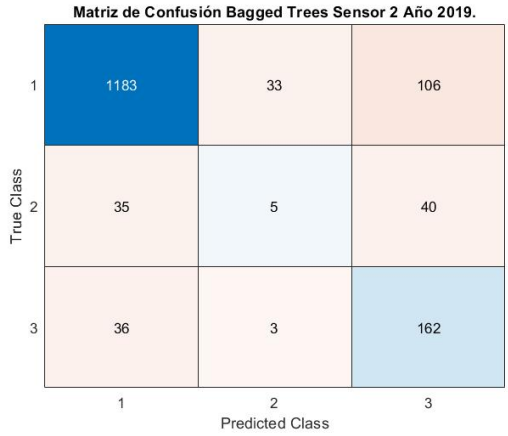
(b) Fine Tree



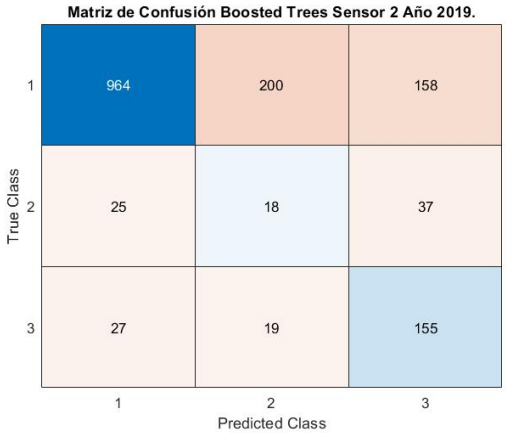
(c) Medium Tree

Figura 7.36: Matrices de Confusión Trees Pt 1 2019

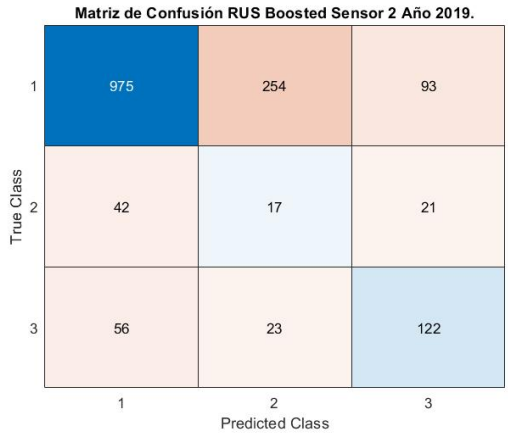
En el sensor dos hemos obtenido las siguientes matrices de confusión mediante sobremuestreo en 2019:



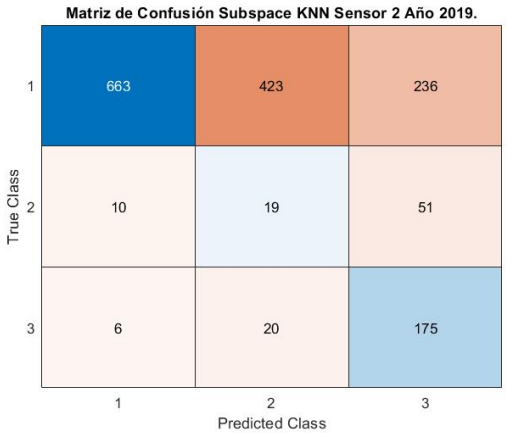
(a) Bagged Trees



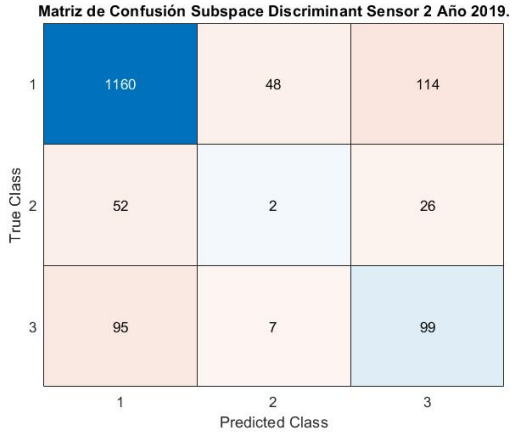
(b) Boosted Trees



(c) RUS Boosted Trees

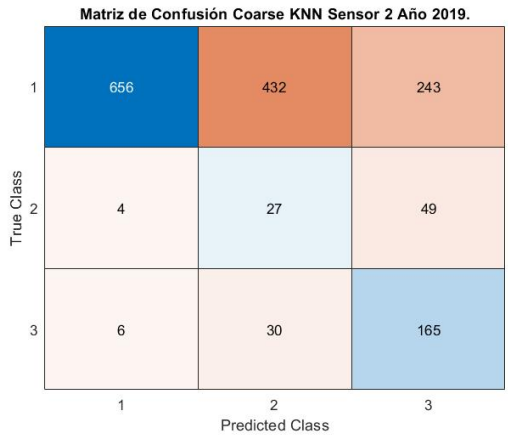


(d) Subspace KNN

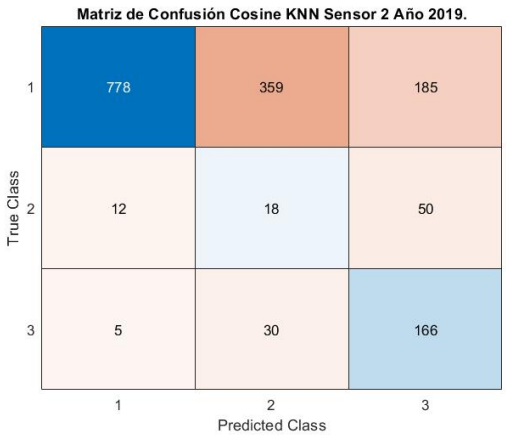


(e) Subspace Discriminant

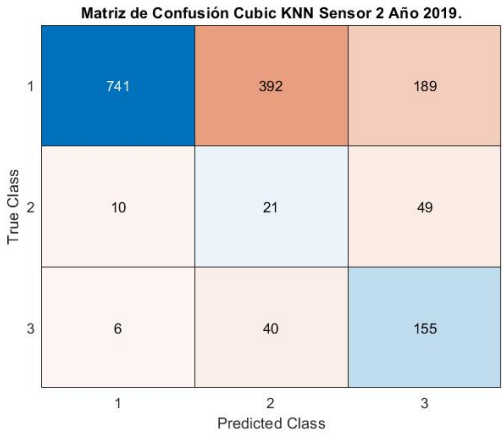
Figura 7.37: Matrices de Confusión Ensemble Pt 2 2019



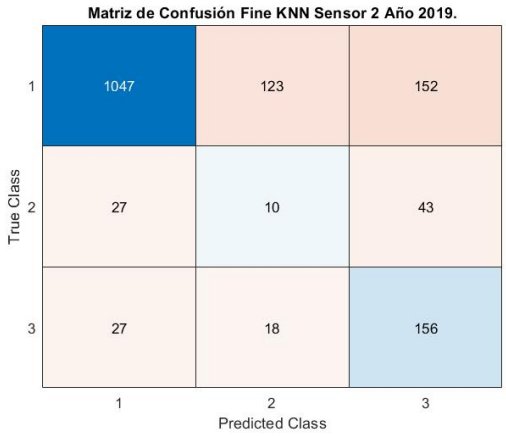
(a) Coarse KNN



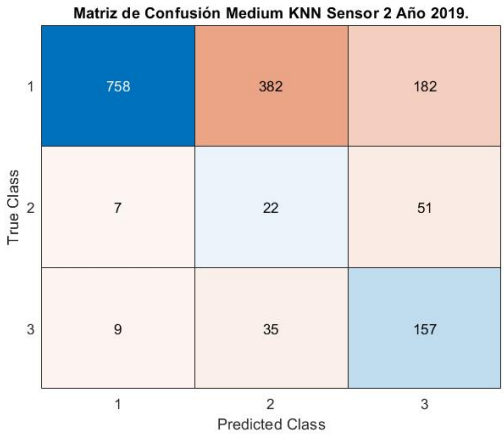
(b) Cosine KNN



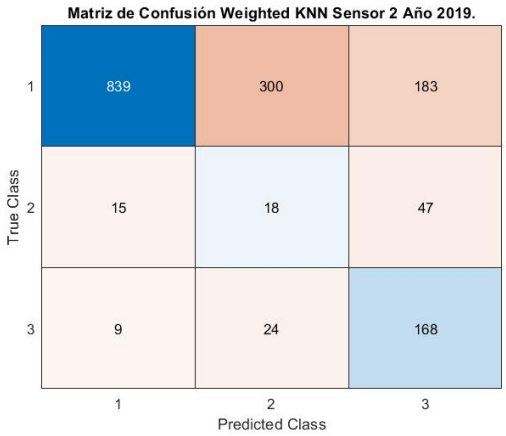
(c) Cubic KNN



(d) Fine KNN

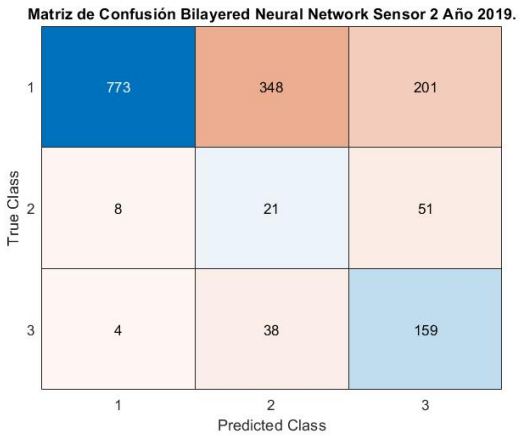


(e) Medium KNN

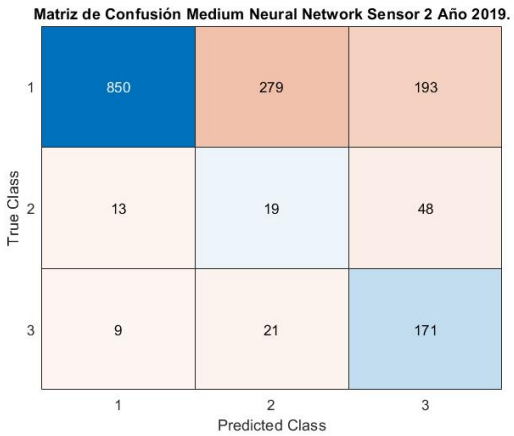


(f) Weighted KNN

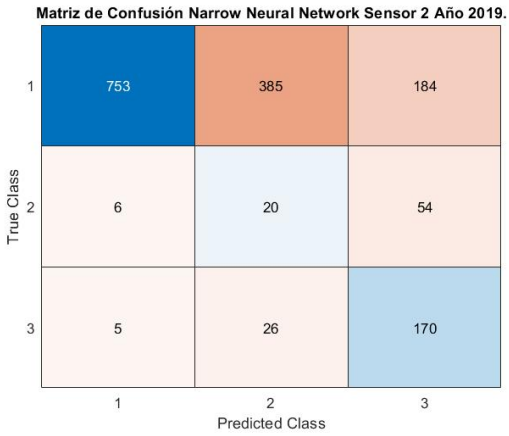
Figura 7.38: Matrices de Confusión KNN Pt 2 2019



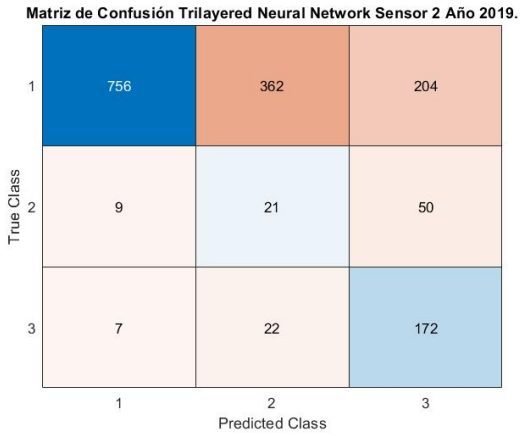
(a) Bilayared NN



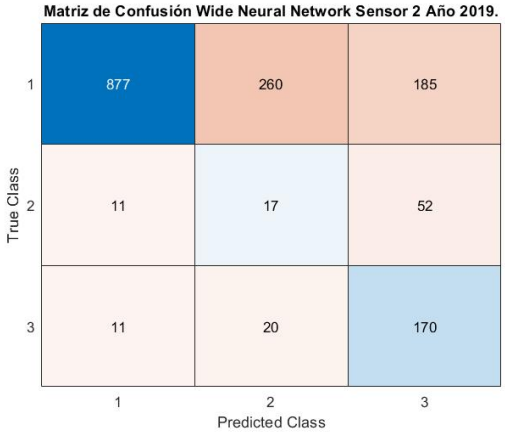
(b) Medium NN



(c) Narrow NN

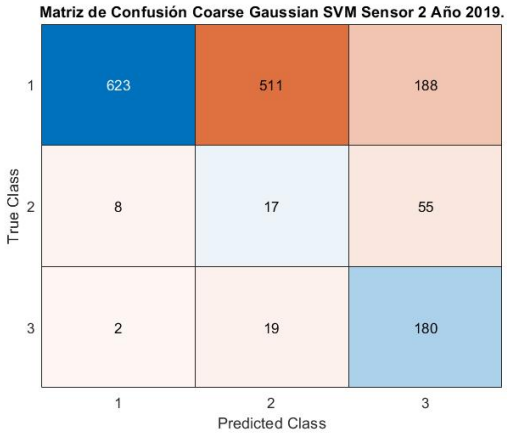


(d) Trilayared NN

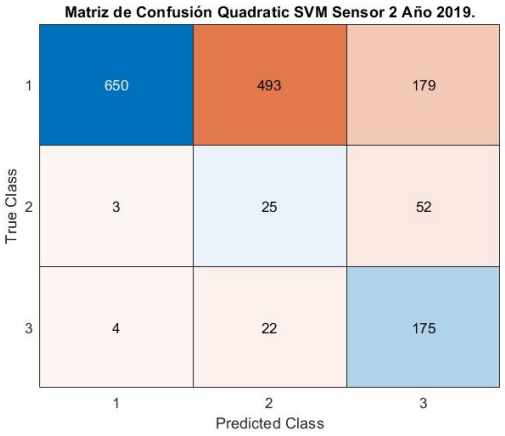


(e) Wide NN

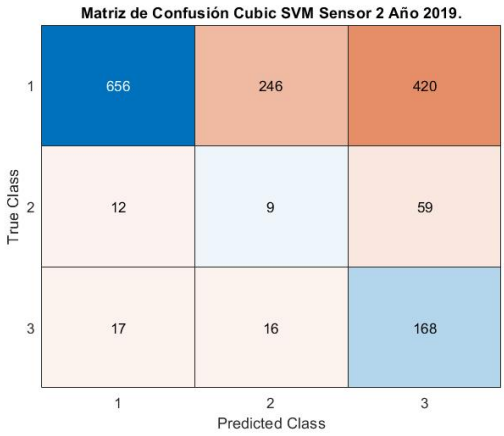
Figura 7.39: Matrices de Confusión Neural Network Pt 2 2019



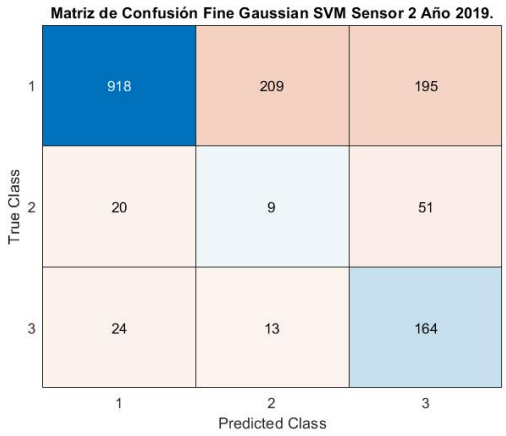
(a) Coarse Gaussian SVM



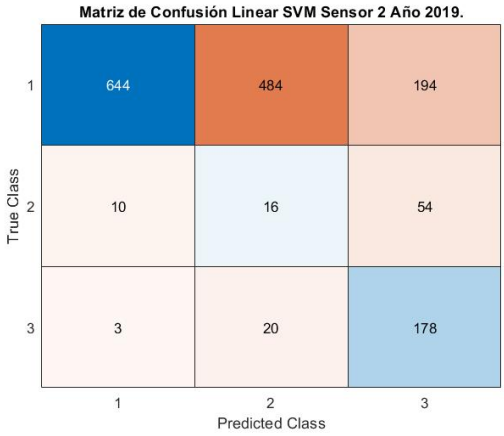
(b) Quadratic SVM

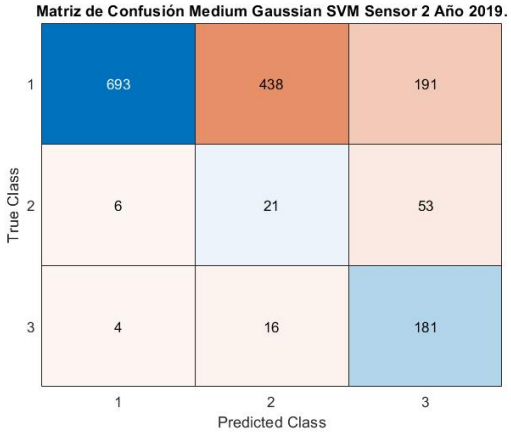


(c) Cubic Gaussian SVM



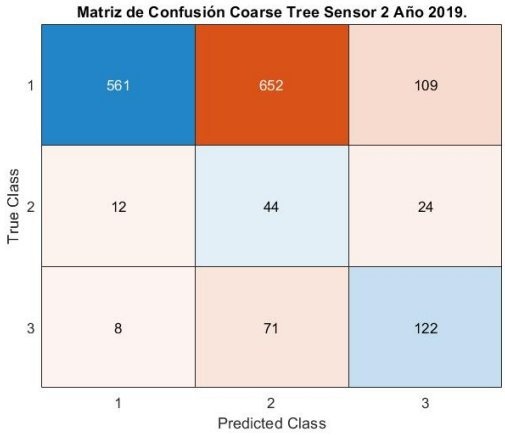
(d) Fine Gaussian SVM



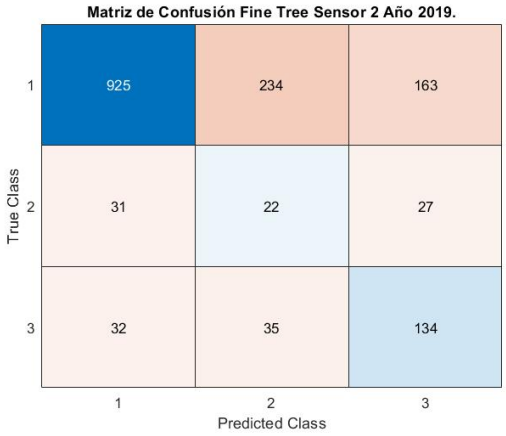


(e) Medium Gaussian SVM

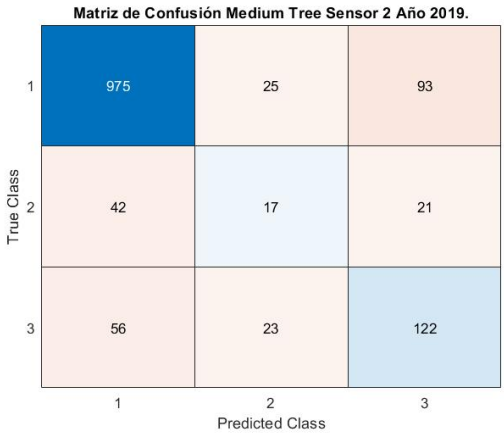
Figura 7.40: Matrices de Confusión SVM Pt 2 2019



(a) Coarse Tree



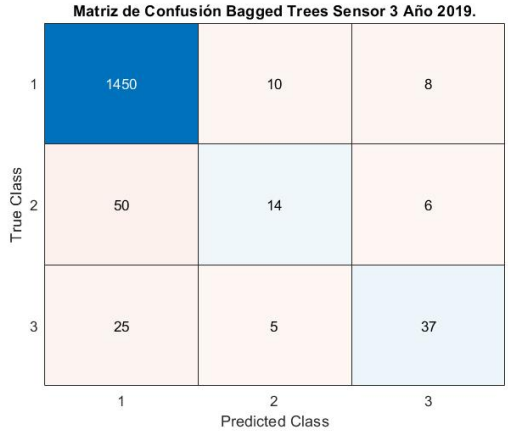
(b) Fine Tree



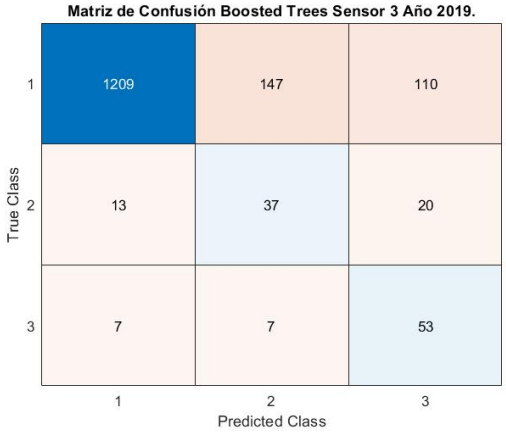
(c) Medium Tree

Figura 7.41: Matrices de Confusión Trees Pt 2 2019

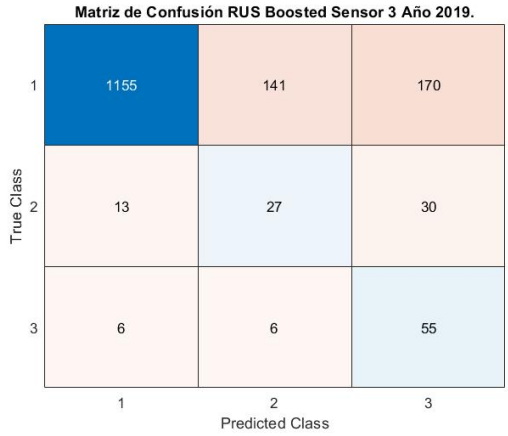
Por último, en el sensor tres hemos obtenido las siguientes matrices de confusión mediante sobremuestreo en 2019:



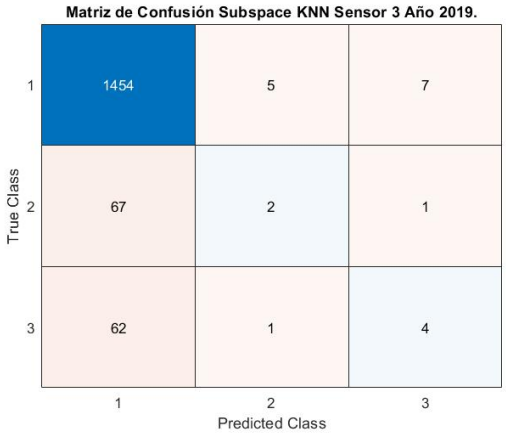
(a) Bagged Trees



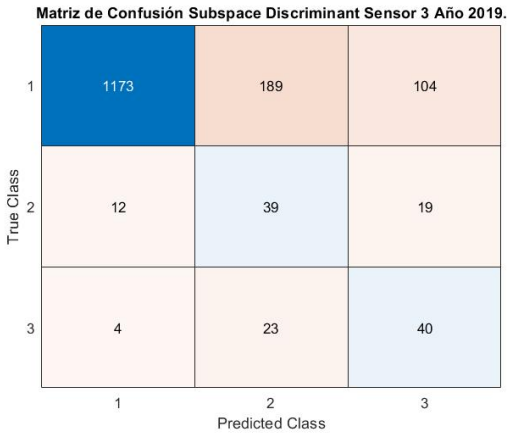
(b) Boosted Trees



(c) RUS Boosted Trees

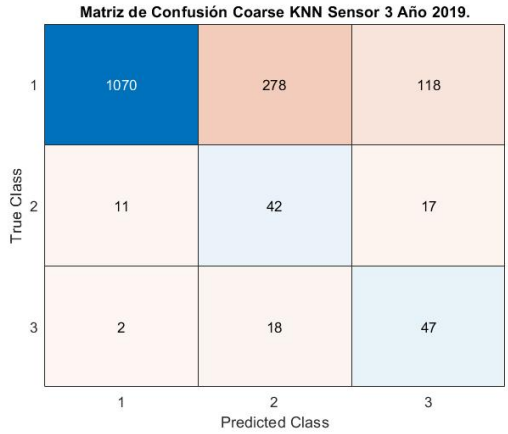


(d) Subspace KNN

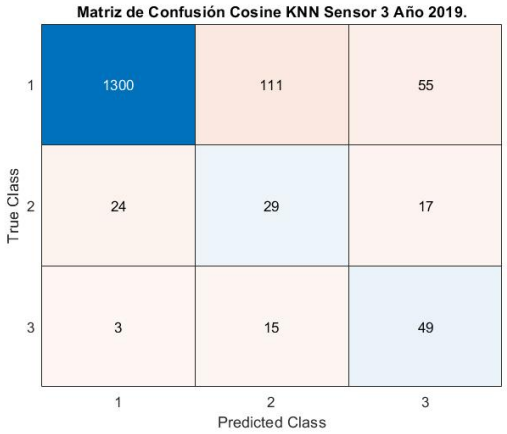


(e) Subspace Discriminant

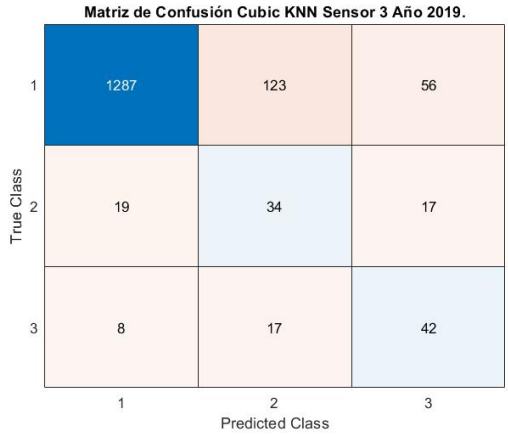
Figura 7.42: Matrices de Confusión Ensemble Pt 3 2019



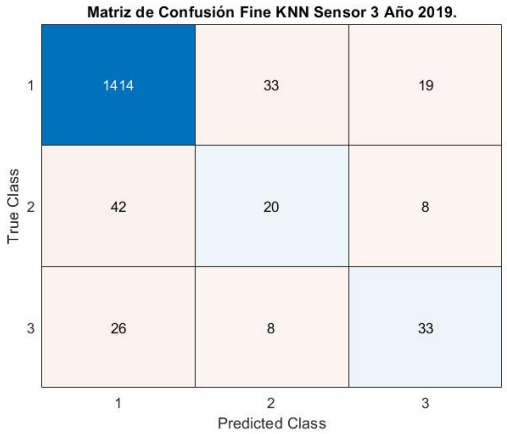
(a) Coarse KNN



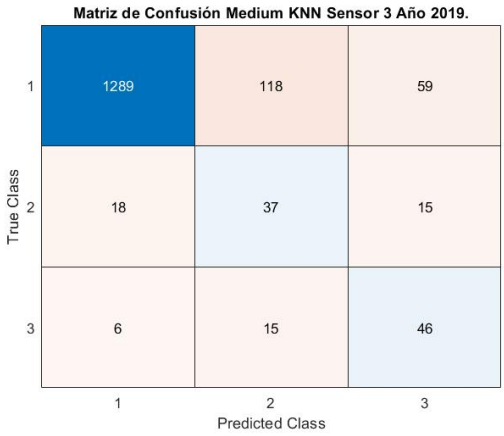
(b) Cosine KNN



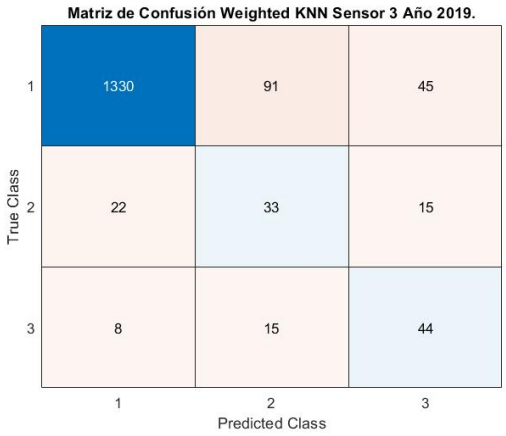
(c) Cubic KNN



(d) Fine KNN

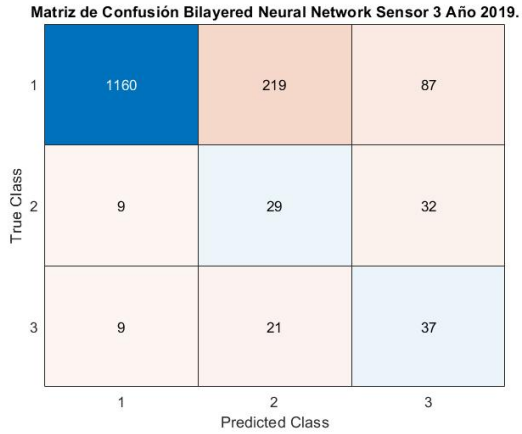


(e) Medium KNN

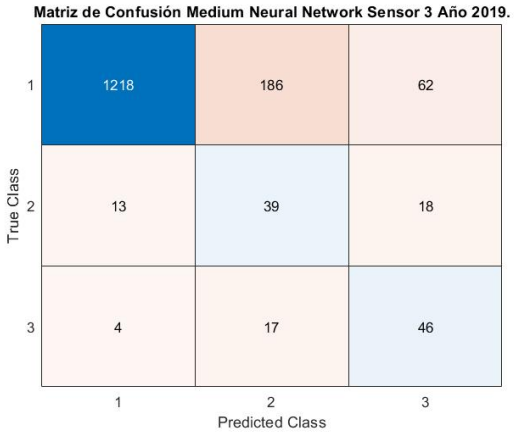


(f) Weighted KNN

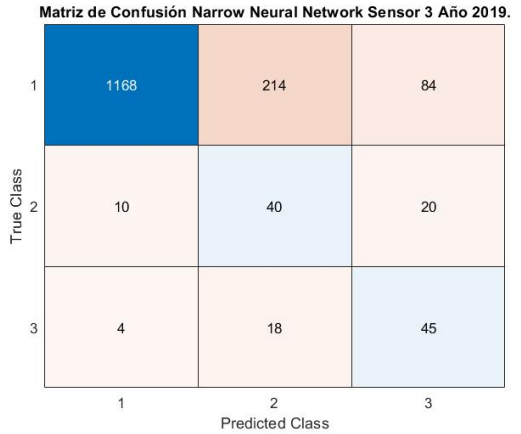
Figura 7.43: Matrices de Confusión KNN Pt 3 2019



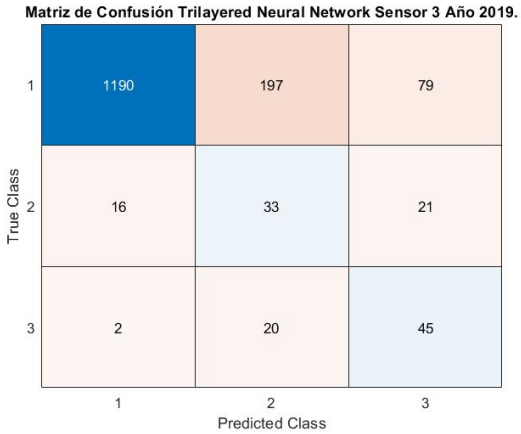
(a) Bilayared NN



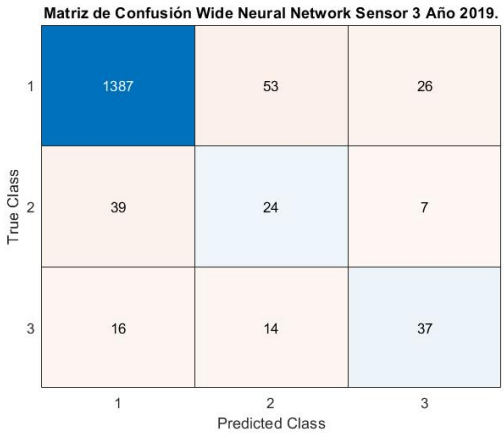
(b) Medium NN



(c) Narrow NN

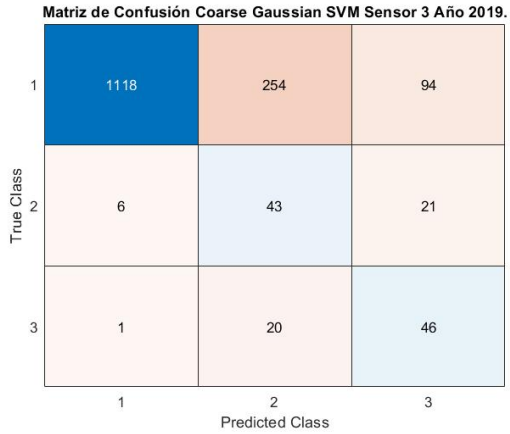


(d) Trilayared NN

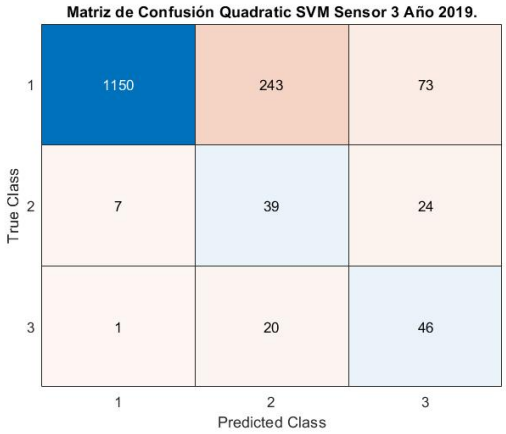


(e) Wide NN

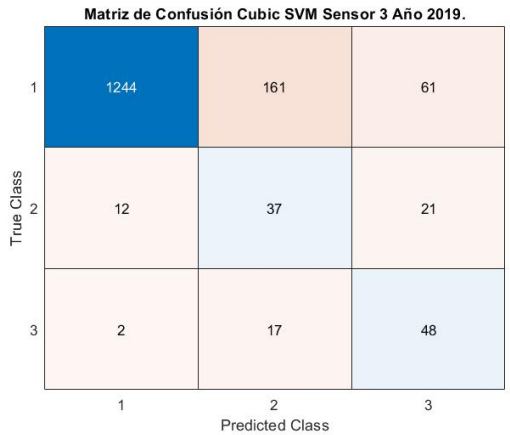
Figura 7.44: Matrices de Confusión Neural Network Pt 3 2019



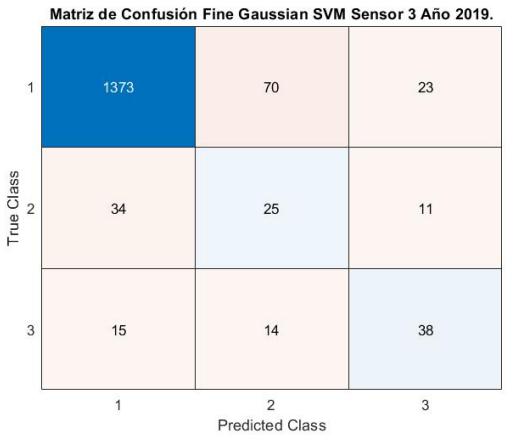
(a) Coarse Gaussian SVM



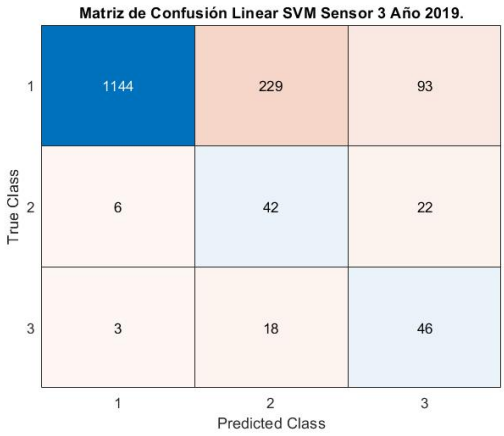
(b) Quadratic SVM



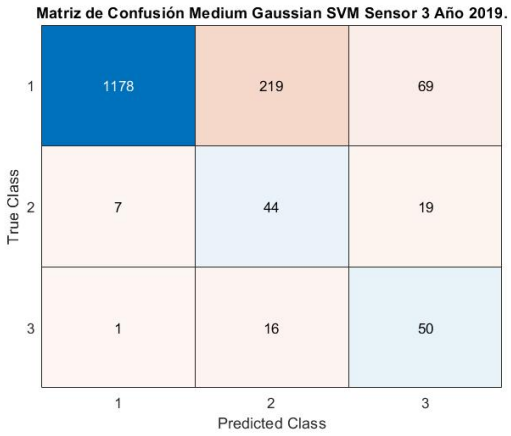
(c) Cubic Gaussian SVM



(d) Fine Gaussian SVM

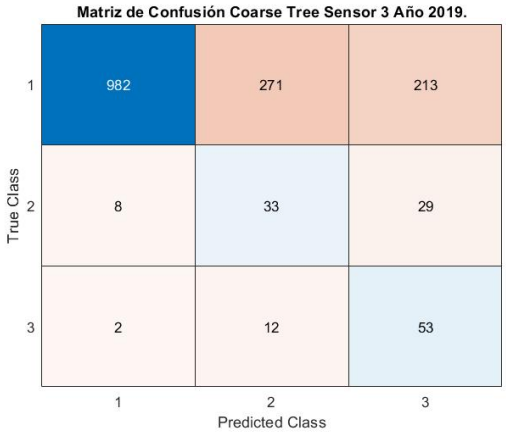


(e) Linear SVM

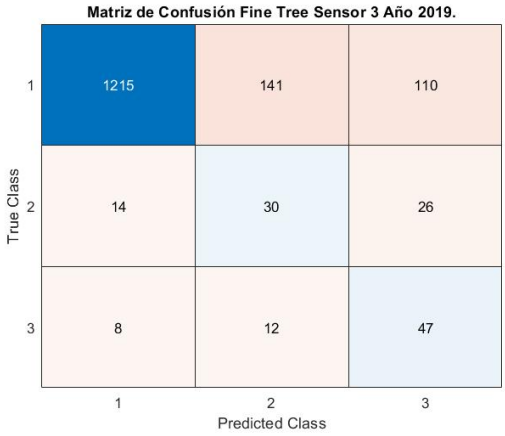


(f) Medium Gaussian SVM

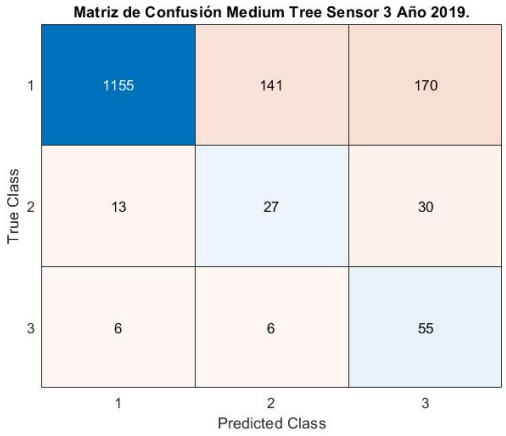
Figura 7.45: Matrices de Confusión SVM Pt 3 2019



(a) Coarse Tree



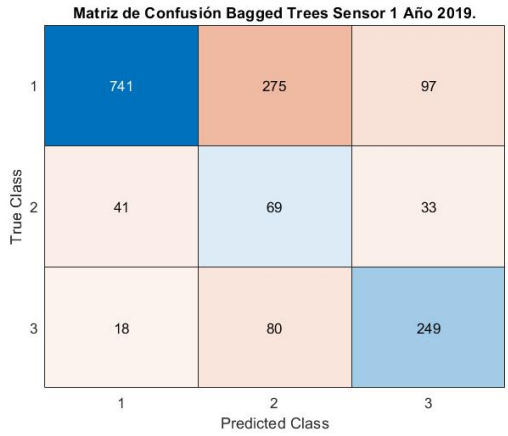
(b) Fine Tree



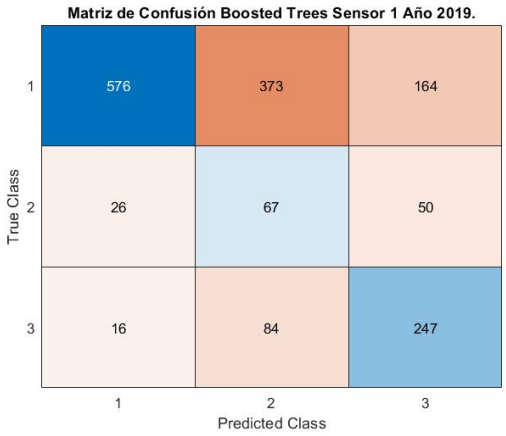
(c) Medium Tree

Figura 7.46: Matrices de Confusión Trees Pt 3 2019

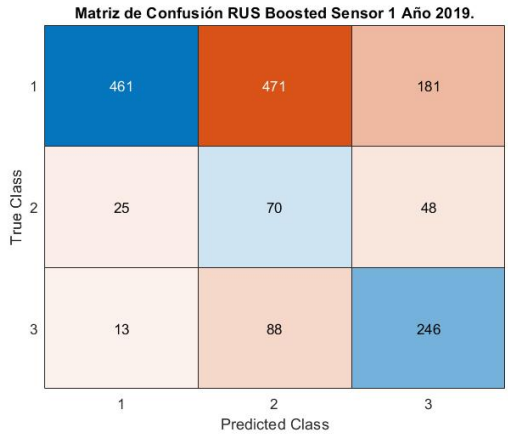
Ahora vamos a mostrar las matrices obtenidas mediante submuestreo en 2019, empezando con las del punto 1:



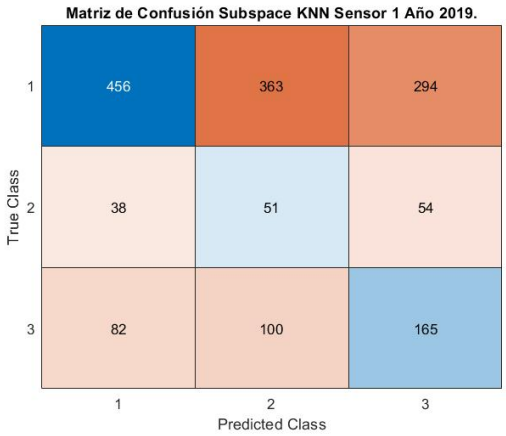
(a) Bagged Trees



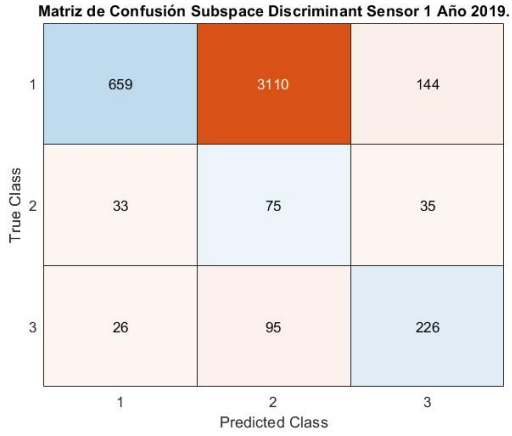
(b) Boosted Trees



(c) RUS Boosted Trees

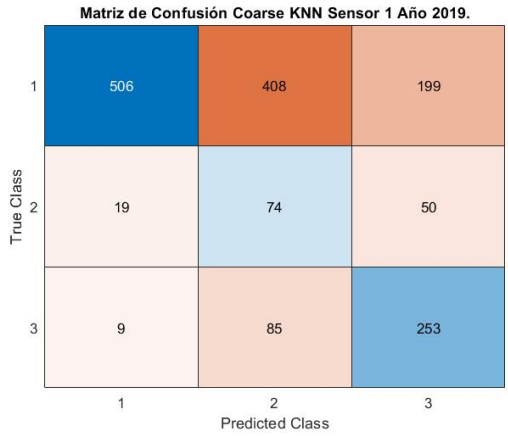


(d) Subspace KNN

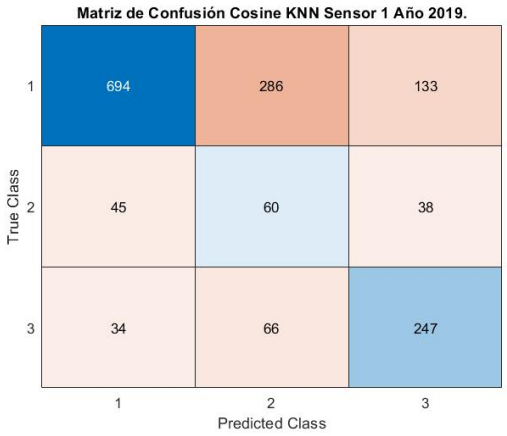


(e) Subspace Discriminant

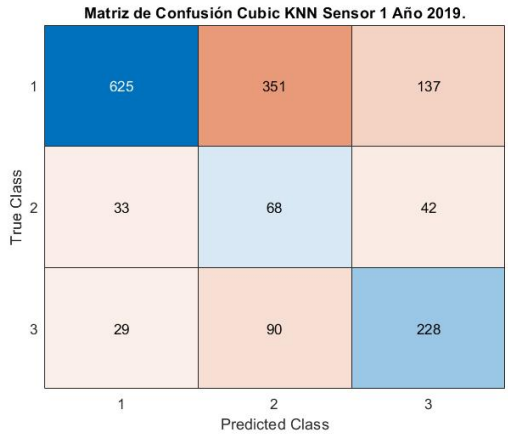
Figura 7.47: Matrices de Confusión Ensemble Pt 1 2019



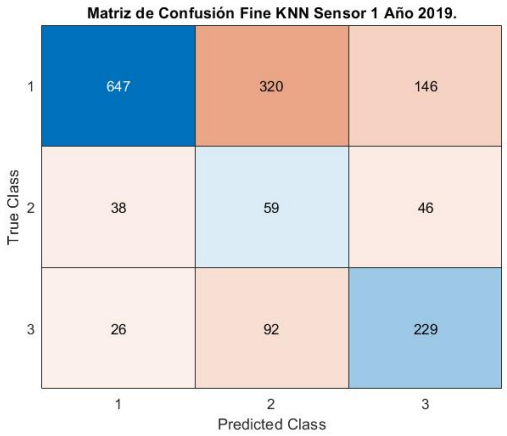
(a) Coarse KNN



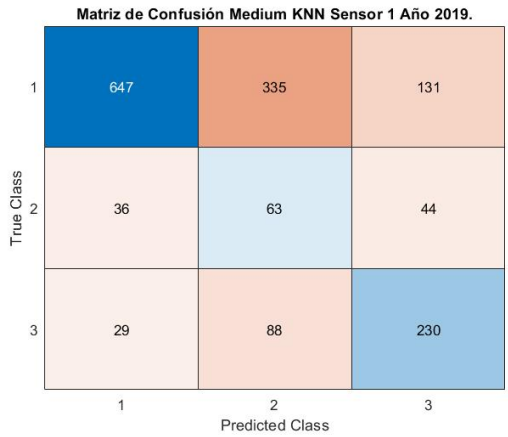
(b) Cosine KNN



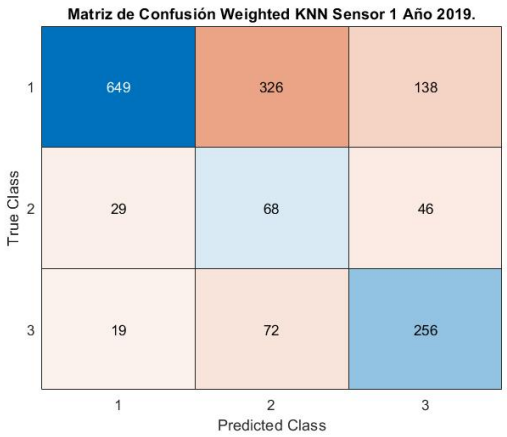
(c) Cubic KNN



(d) Fine KNN

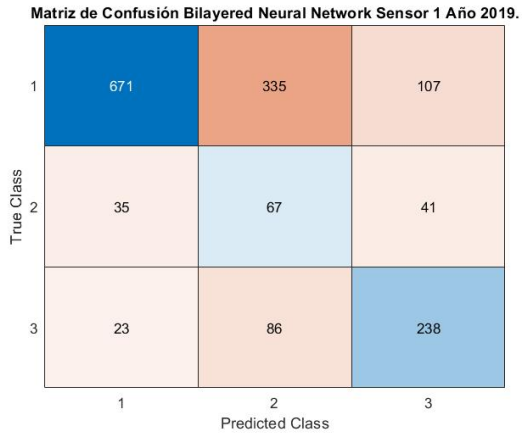


(e) Medium KNN

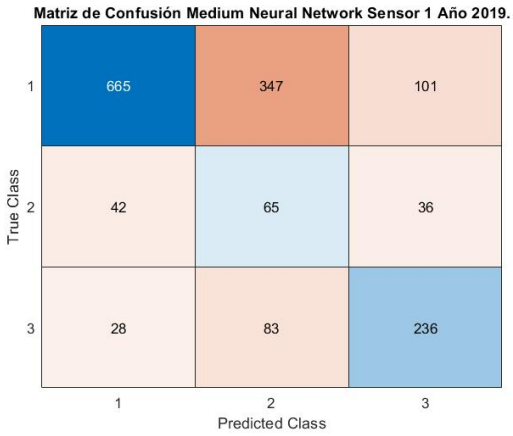


(f) Weighted KNN

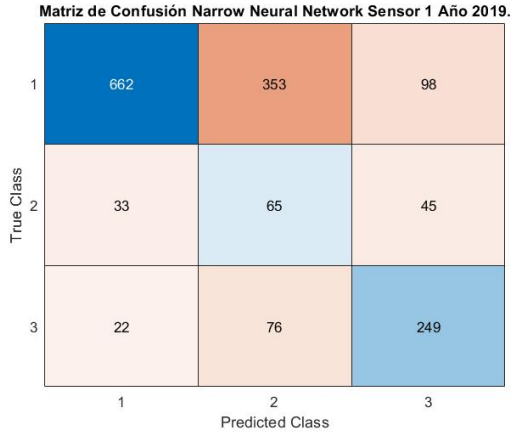
Figura 7.48: Matrices de Confusión KNN Pt 1 2019



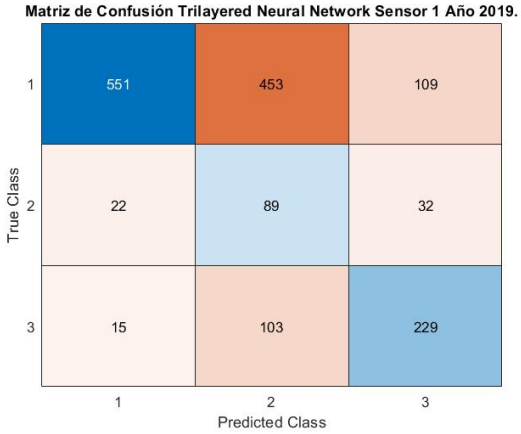
(a) Bilayared NN



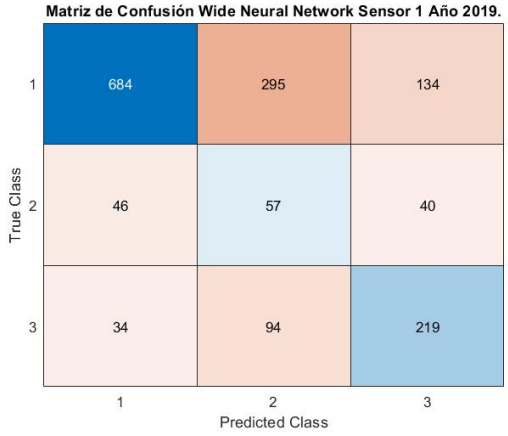
(b) Medium NN



(c) Narrow NN

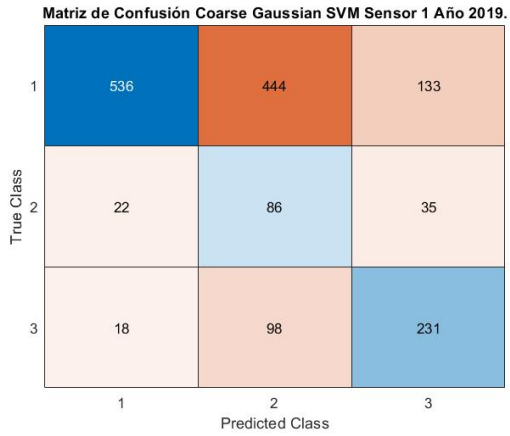


(d) Trilayared NN

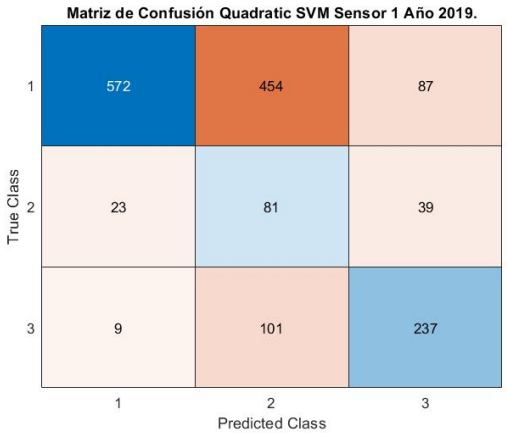


(e) Wide NN

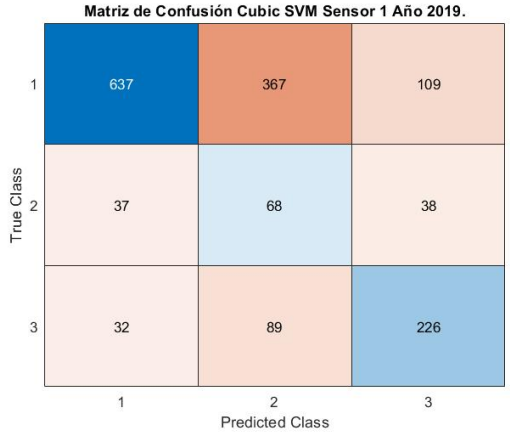
Figura 7.49: Matrices de Confusión Neural Network Pt 1 2019



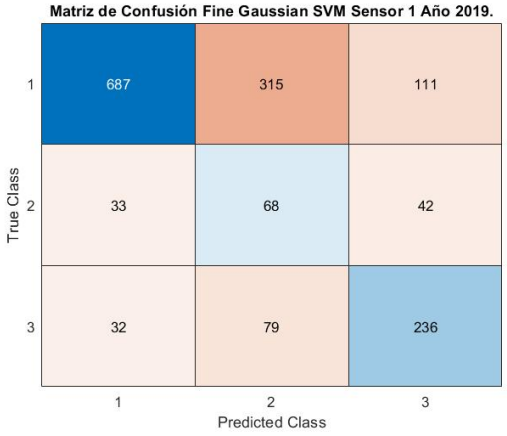
(a) Coarse Gaussian SVM



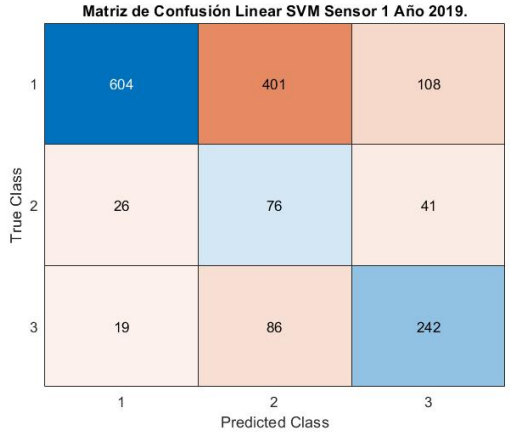
(b) Quadratic SVM



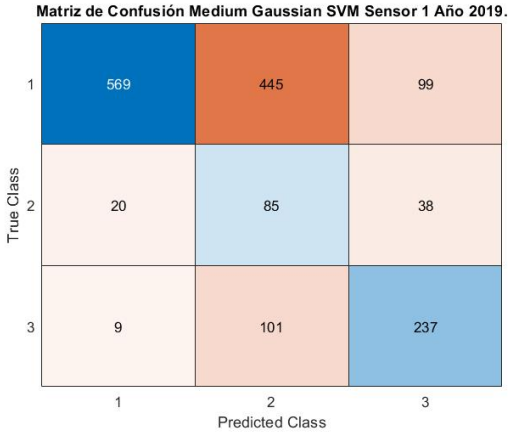
(c) Cubic Gaussian SVM



(d) Fine Gaussian SVM

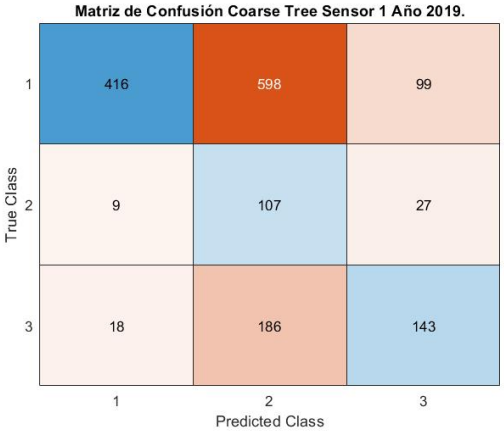


(e) Linear SVM

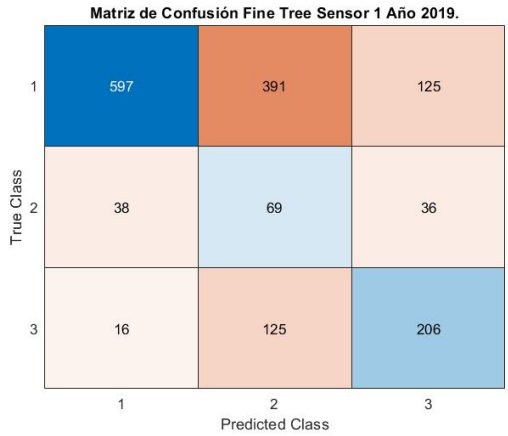


(f) Medium Gaussian SVM

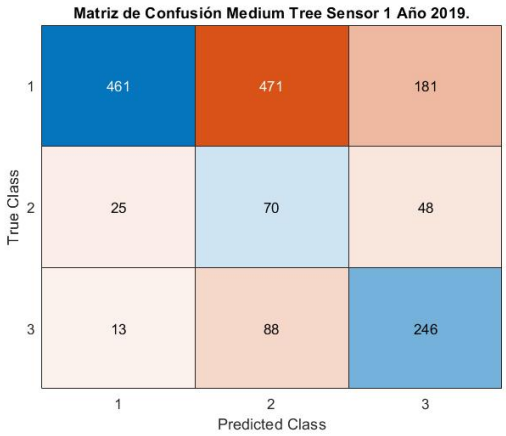
Figura 7.50: Matrices de Confusión SVM Pt 1 2019



(a) Coarse Tree



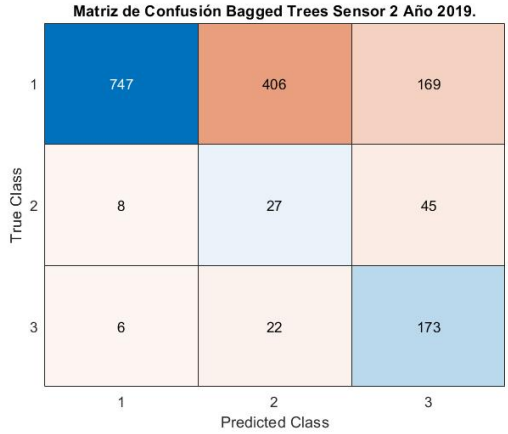
(b) Fine Tree



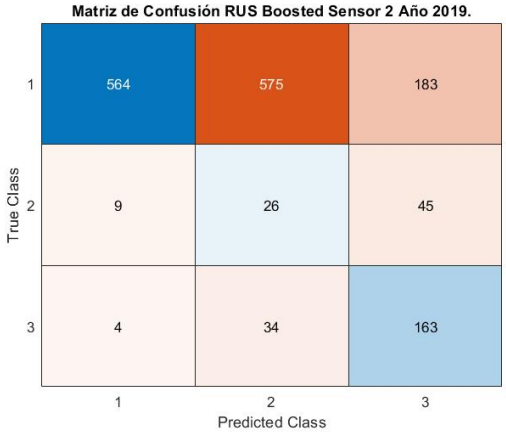
(c) Medium Tree

Figura 7.51: Matrices de Confusión Trees Pt 1 2019

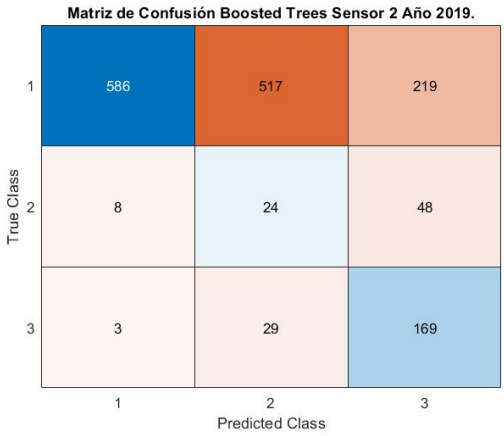
Ahora vamos a mostrar las matrices del sensor dos obtenidas mediante submuestreo en 2019:



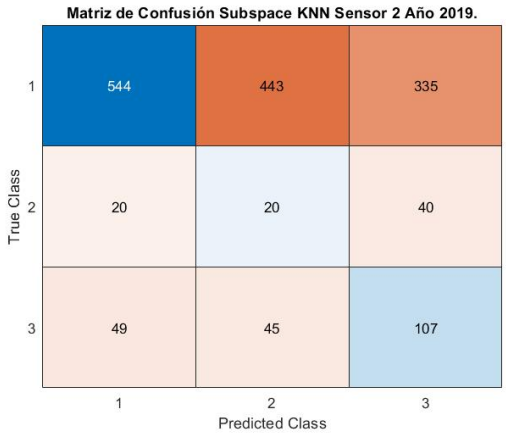
(a) Bagged Trees



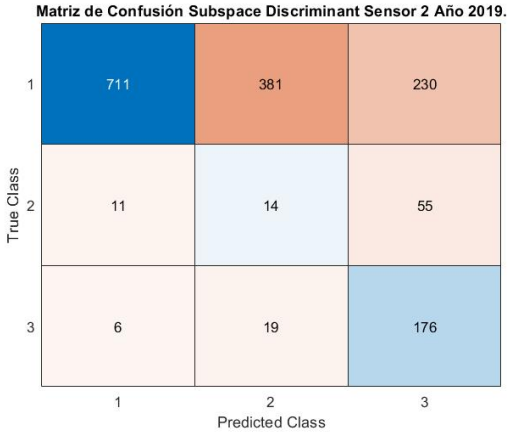
(b) Boosted Trees



(c) RUS Boosted Trees

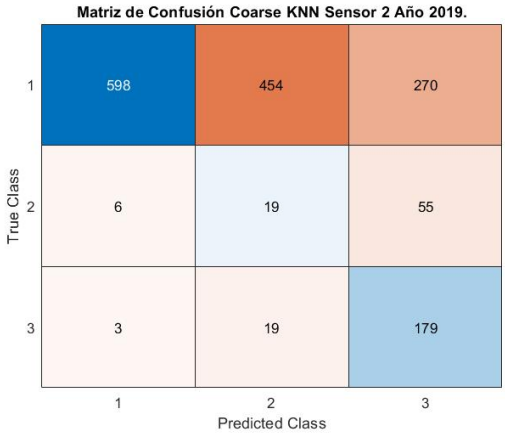


(d) Subspace KNN

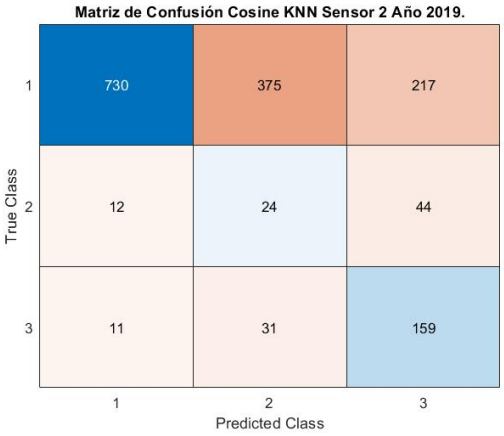


(e) Subspace Discriminant

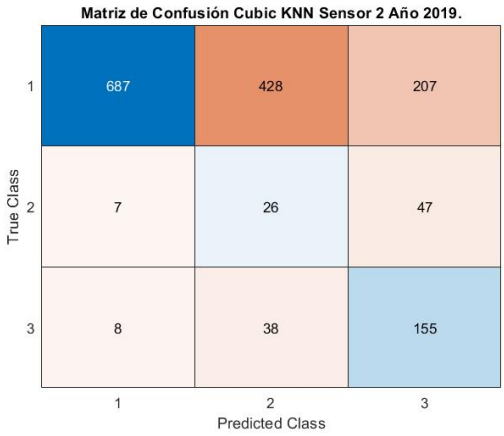
Figura 7.52: Matrices de Confusión Ensemble Pt 2 2019



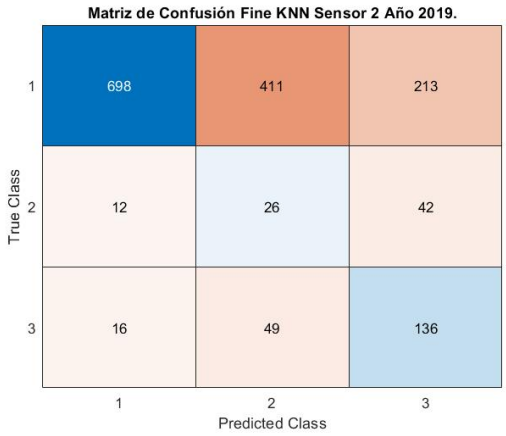
(a) Coarse KNN



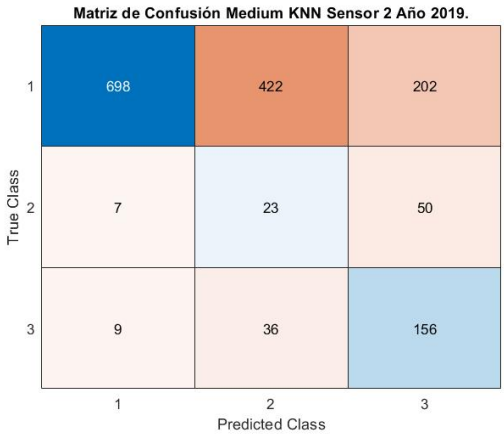
(b) Cosine KNN



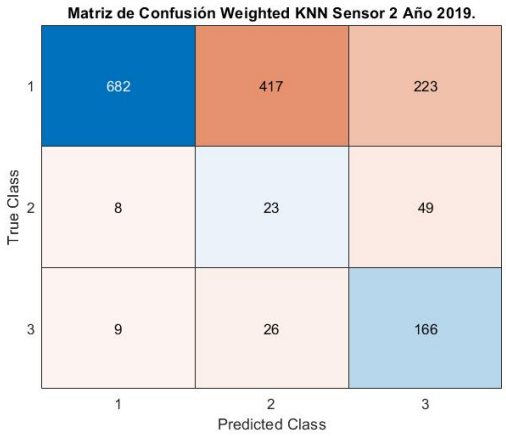
(c) Cubic KNN



(d) Fine KNN

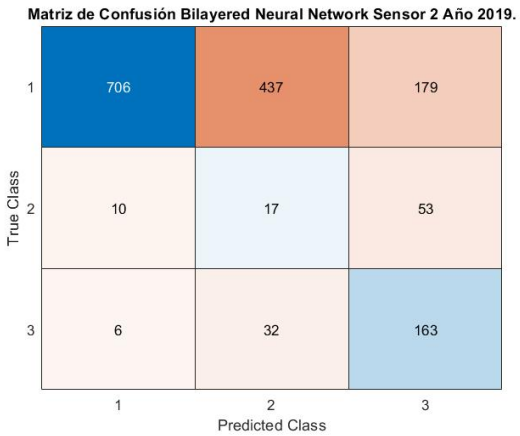


(e) Medium KNN

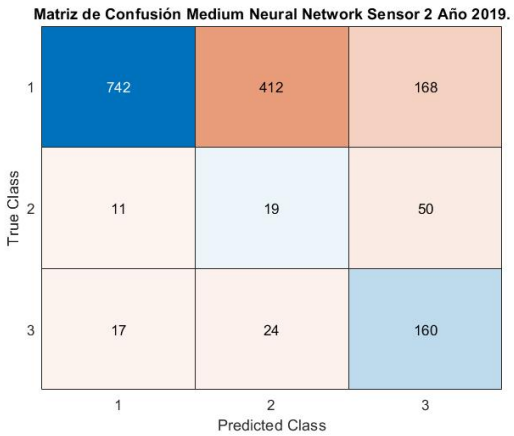


(f) Weighted KNN

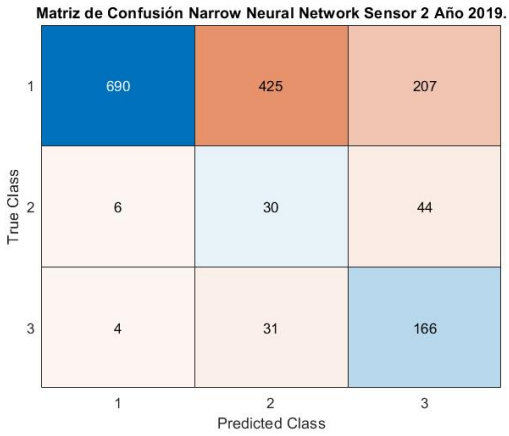
Figura 7.53: Matrices de Confusión KNN Pt 2 2019



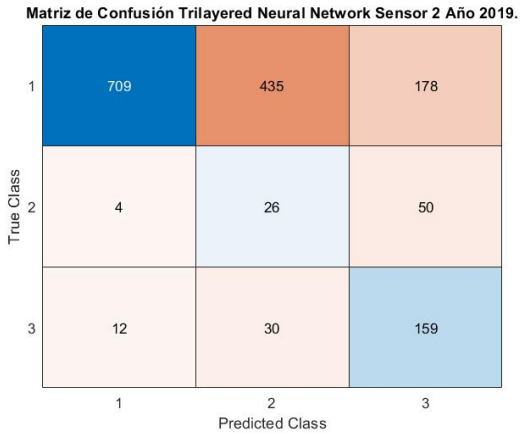
(a) Bilayared NN



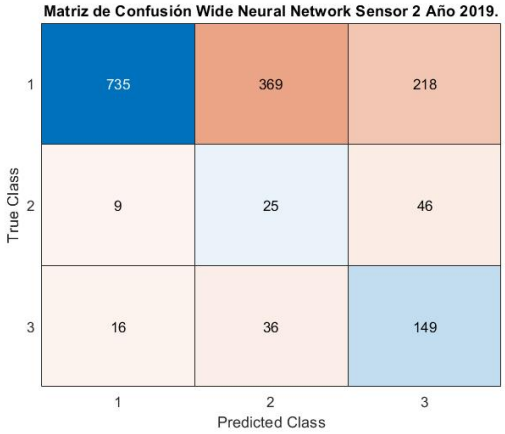
(b) Medium NN



(c) Narrow NN

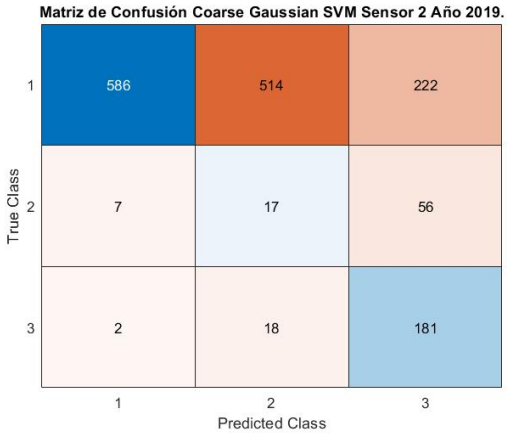


(d) Trilayared NN

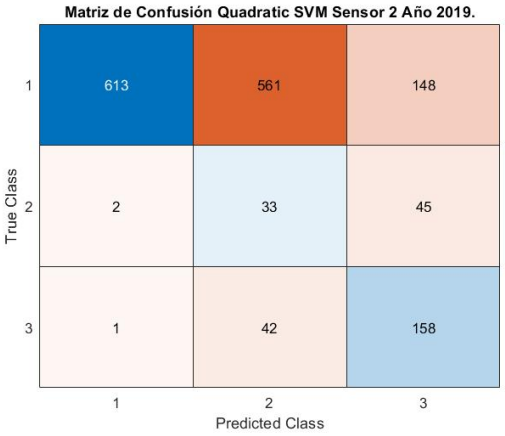


(e) Wide NN

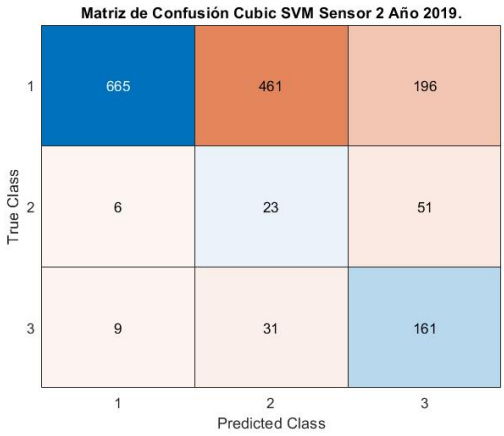
Figura 7.54: Matrices de Confusión Neural Network Pt 2 2019



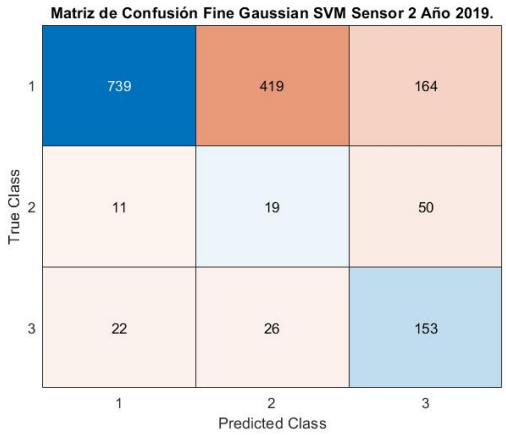
(a) Coarse Gaussian SVM



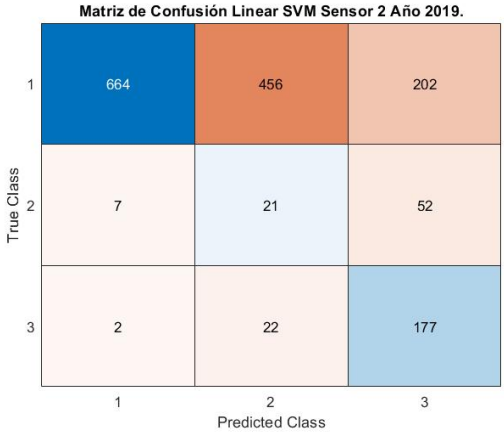
(b) Quadratic SVM



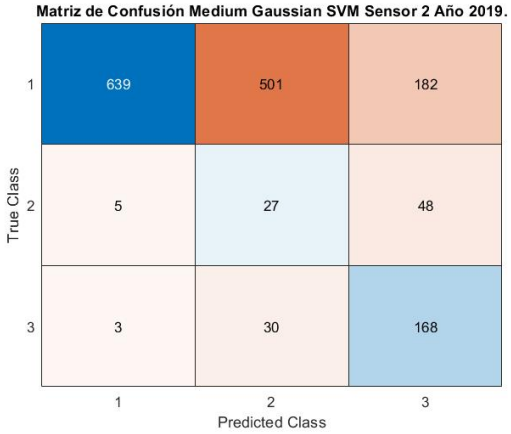
(c) Cubic Gaussian SVM



(d) Fine Gaussian SVM

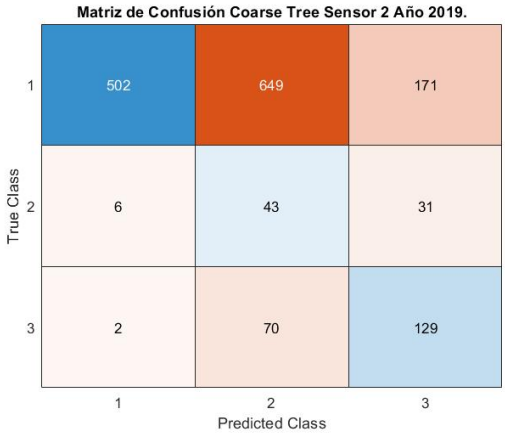


(e) Linear SVM

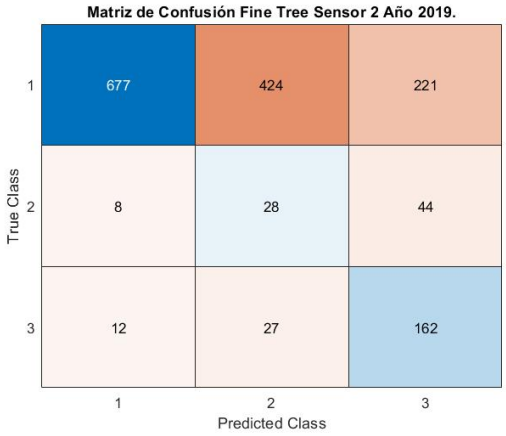


(f) Medium Gaussian SVM

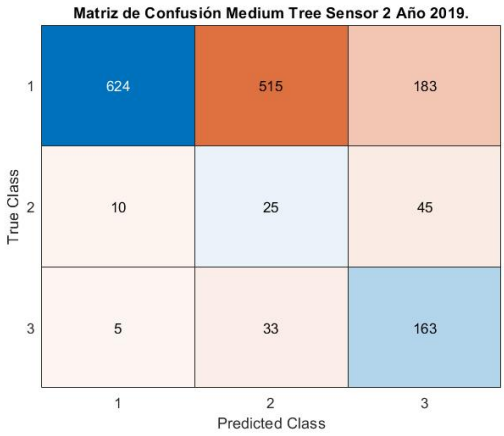
Figura 7.55: Matrices de Confusión SVM Pt 2 2019



(a) Coarse Tree



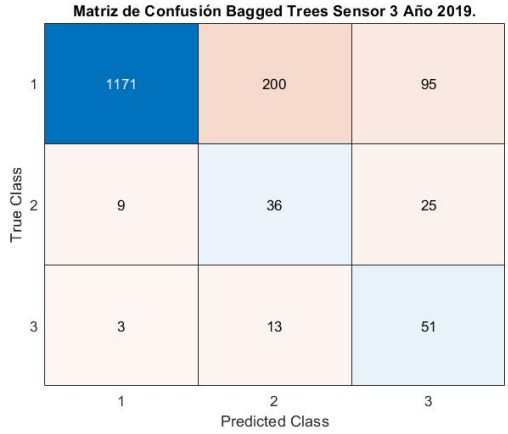
(b) Fine Tree



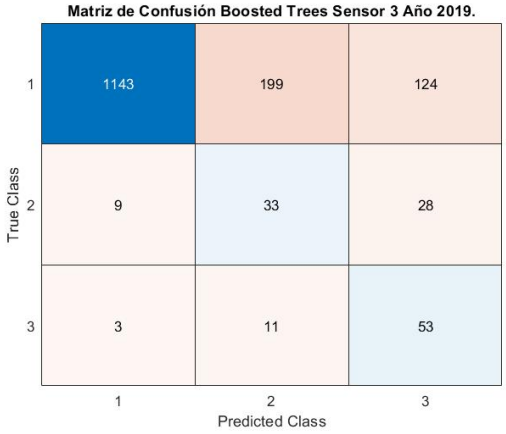
(c) Medium Tree

Figura 7.56: Matrices de Confusión Trees Pt 2 2019

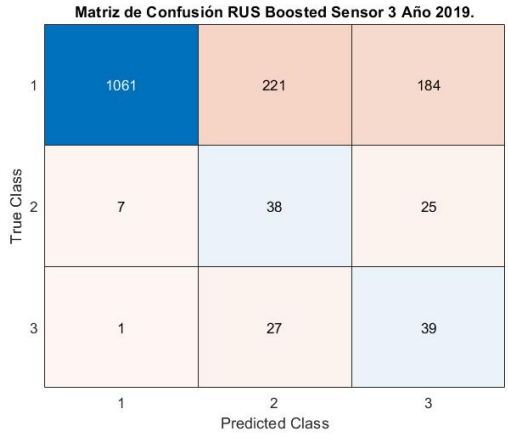
Por último, vamos a representar las matrices obtenidas por el sensor tres mediante submuestreo en 2019:



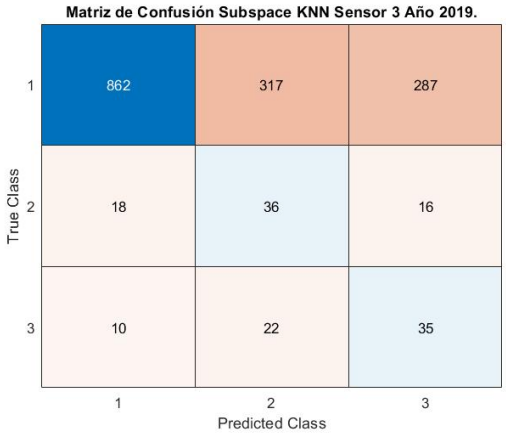
(a) Bagged Trees



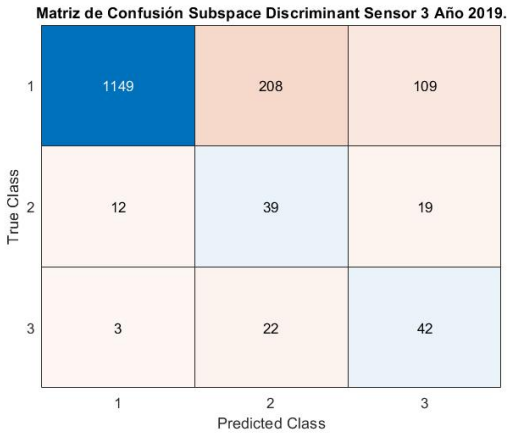
(b) Boosted Trees



(c) RUS Boosted Trees

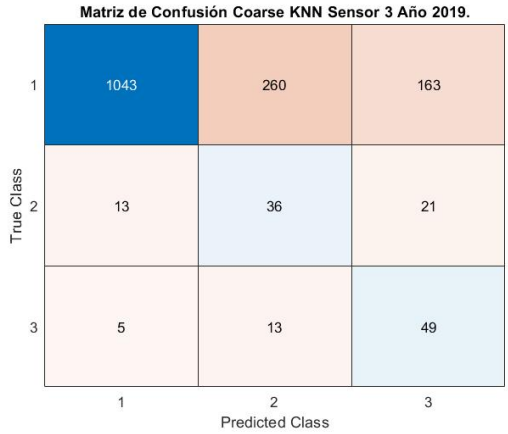


(d) Subspace KNN

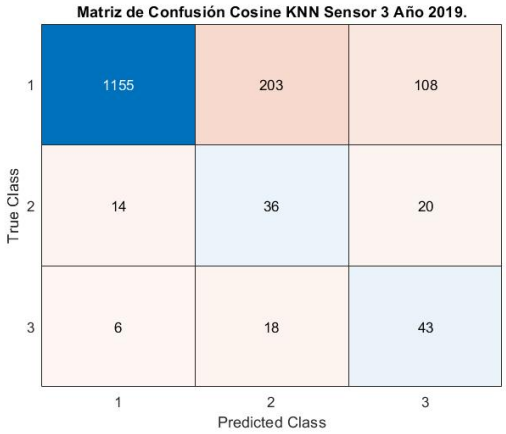


(e) Subspace Discriminant

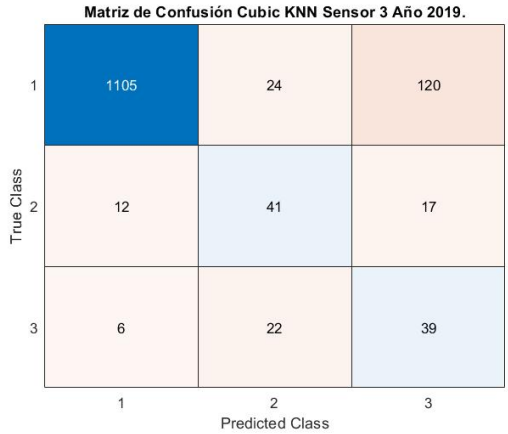
Figura 7.57: Matrices de Confusión Ensemble Pt 3 2019



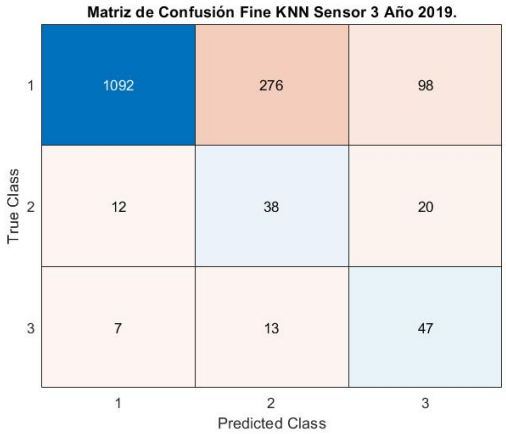
(a) Coarse KNN



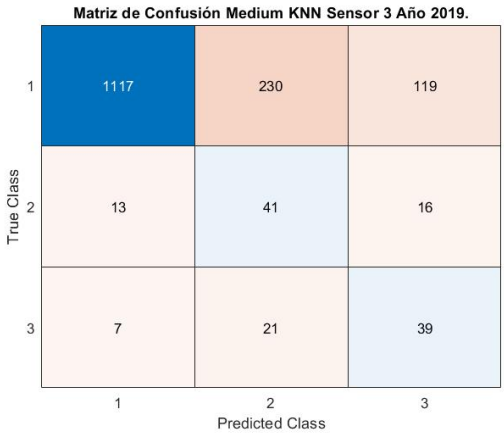
(b) Cosine KNN



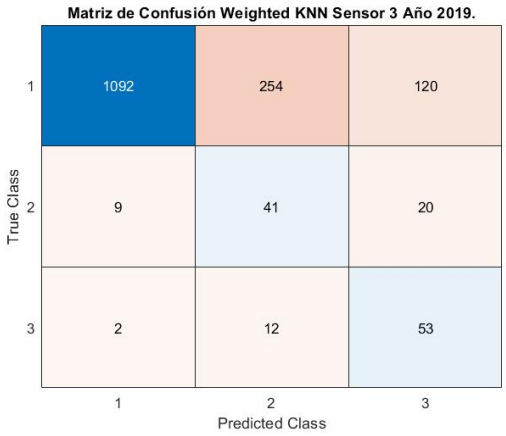
(c) Cubic KNN



(d) Fine KNN

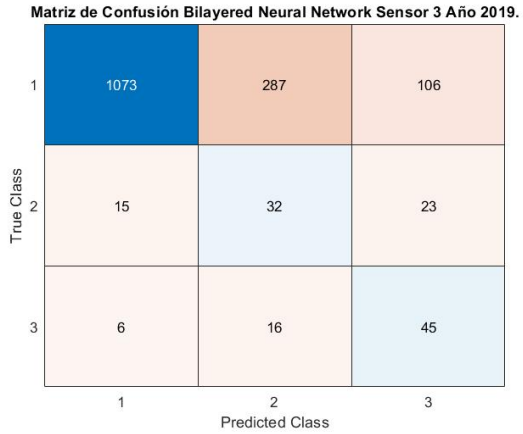


(e) Medium KNN

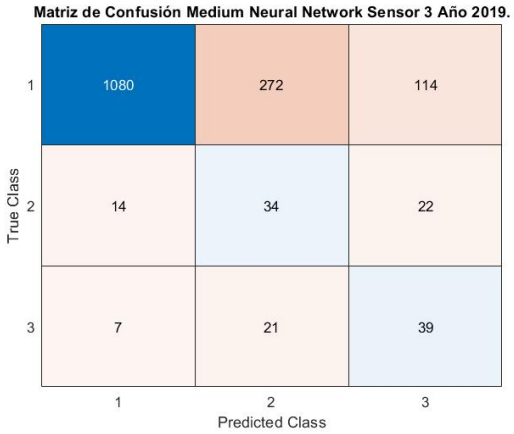


(f) Weighted KNN

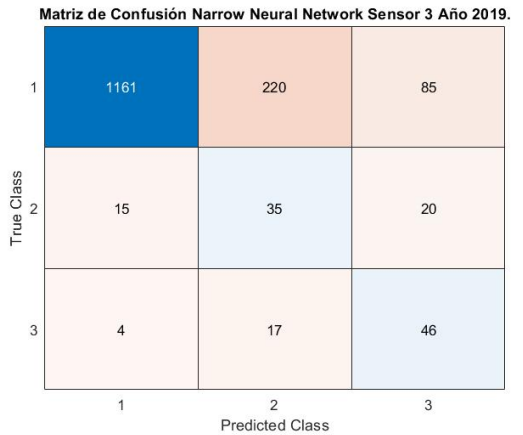
Figura 7.58: Matrices de Confusión KNN Pt 3 2019



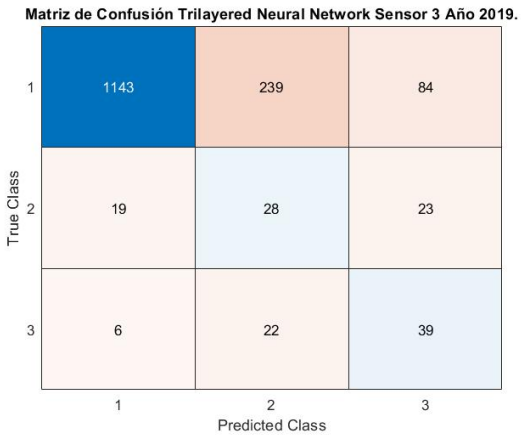
(a) Bilayared NN



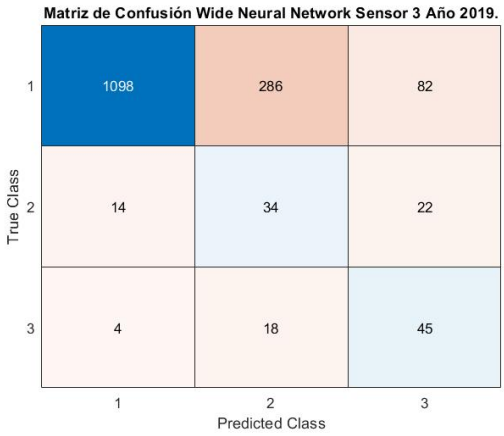
(b) Medium NN



(c) Narrow NN

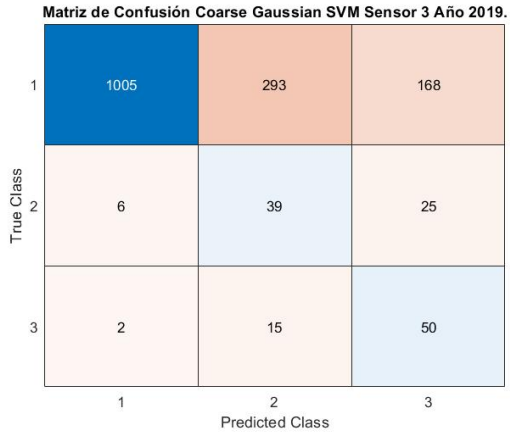


(d) Trilayared NN

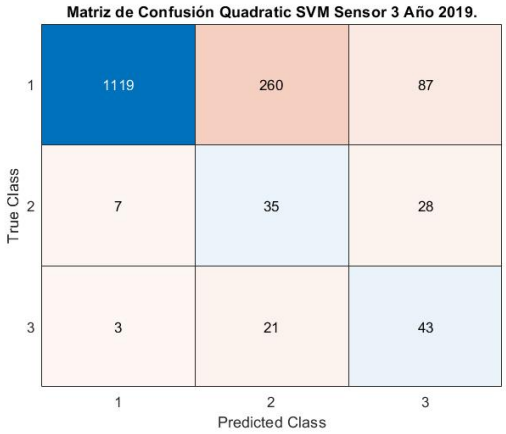


(e) Wide NN

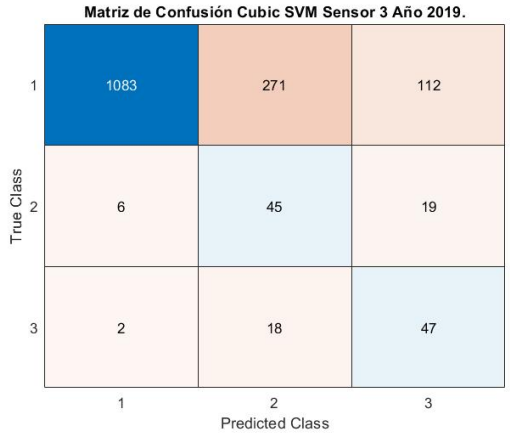
Figura 7.59: Matrices de Confusión Neural Network Pt 3 2019



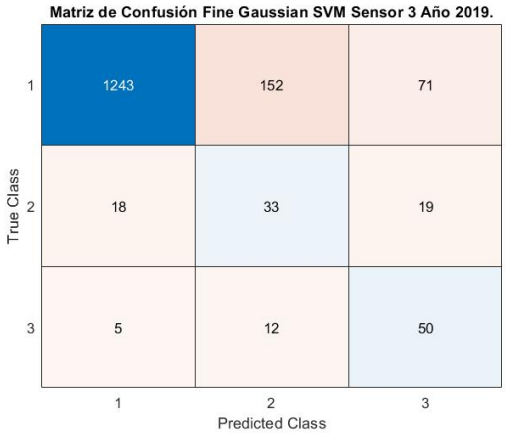
(a) Coarse Gaussian SVM



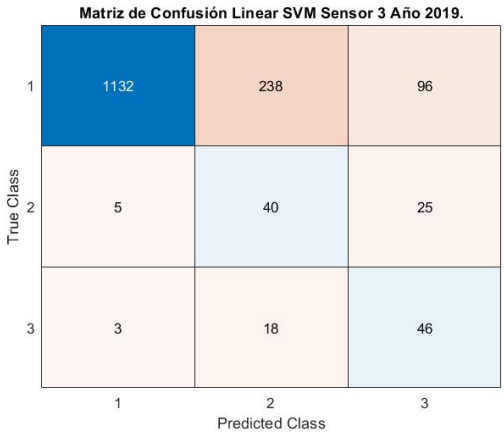
(b) Quadratic SVM



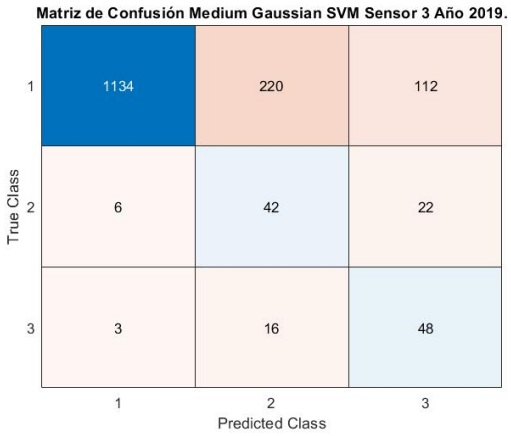
(c) Cubic Gaussian SVM



(d) Fine Gaussian SVM

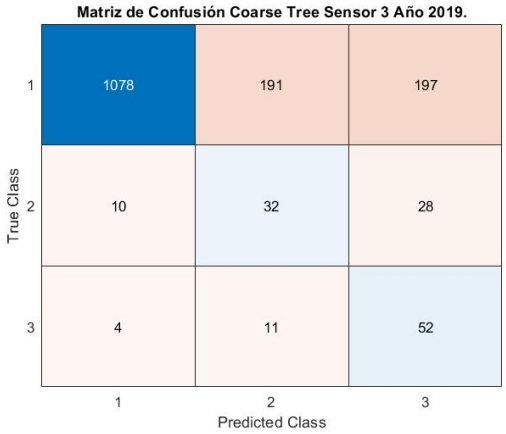


(e) Linear SVM

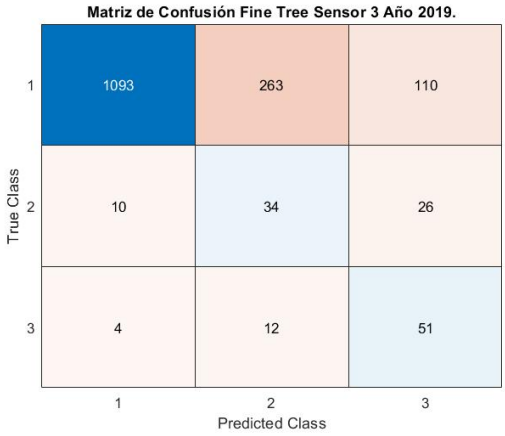


(f) Medium Gaussian SVM

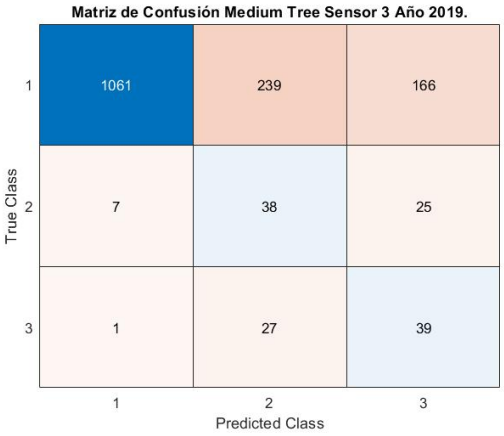
Figura 7.60: Matrices de Confusión SVM Pt 3 2019



(a) Coarse Tree



(b) Fine Tree



(c) Medium Tree

Figura 7.61: Matrices de Confusión Trees Pt 3 2019