## **Feature Importance Values - Random Forest Most Important Features - Random Forest** learning learning learning learning 0.677 AbnormalHeartbeat -AbnormalHeartbeat - 0.178 0.864 0.501 0.335 layers rate rate rate rate learning learning learning learning learning Adiac-Adiac - 0.296 0.708 0.473 0.789 0.802 rate rate rate rate rate 0.9 dropout learning learning learning learning ArrowHead -ArrowHead-0.761 0.549 0.537 0.476 0.335 rate rate rate rate rate learning learning learning learning num Beef-0.526 Beef - 0.299 0.777 0.759 0.808 rate rate filters rate rate dropout learning learning num num BeetleFly -BeetleFly-0.795 0.715 0.454 0.577 - 0.8 0.330 layers rate rate layers rate learning dropout learning learning num BinaryHeartbeat -BinaryHeartbeat - 0.194 0.870 0.397 0.487 0.553 layers rate rate rate rate learning dropout learning learning num BirdChicken -BirdChicken - 0.357 0.812 0.692 0.350 0.348 layers rate rate rate rate - 0.7 learning learning learning learning learning CBF-CBF - 0.419 0.800 0.882 0.621 0.627 rate rate rate rate rate Feature Importance learning learning learning learning Car-Car- 0.361 0.712 0.496 0.587 0.497 rate rate rate filters rate learning learning learning learning num CatsDogs-CatsDogs - 0.234 0.666 0.380 0.531 0.593 **Dataset Dataset** rate filters rate rate rate learning learning learning learning dropout ChlorineConcentration -ChlorineConcentration - 0.179 0.902 0.659 0.545 0.285 rate rate rate rate rate learning learning learning learning num CinCECGTorso -CinCECGTorso - 0.247 0.553 0.721 0.616 0.689 filters rate rate rate rate learning learning learning learning learning CounterMovementJump -CounterMovementJump -0.641 0.589 0.730 0.712 0.288 rate rate rate rate rate dropout num learning learning learning DucksAndGeese-DucksAndGeese-0.546 0.572 0.479 0.311 0.540 - 0.4 layers rate rate rate rate learning learning num learning num EigenWorms - 0.243 0.402 0.529 EigenWorms-0.829 0.802 layers layers rate rate rate learning learning learning learning learning **FaultDetectionB** FaultDetectionB -0.506 0.539 0.768 0.377 0.355 rate rate rate rate rate - 0.3 learning learning learning learning num FiftyWords -FiftyWords - 0.301 0.840 0.857 0.782 0.766 filters rate rate rate rate learning pooling: learning learning learning HouseTwenty -HouseTwenty - 0.229 0.673 0.736 0.584 0.260 rate rate rate rate max learning learning learning learning num - 0.2 KeplerLightCurves -KeplerLightCurves -0.448 0.748 0.752 0.728 0.396 layers rate rate rate rate learning learning num num num RightWhaleCalls -RightWhaleCalls -0.304 0.389 0.428 0.645 0.557 filters rate layers layers rate dropout dropout learning learning num classification ozoneclassification ozone-0.625 0.427 0.370 0.277 0.380 rate rate rate filters rate FCNN GRI GRIJ Chy Model Model