Federated Learning - F1-Score Heatmap Normal 1.0 0.93 0.85 Client Id 0 - 0.58 0.78 0.91 0.82 0.71 0.48 0.50 0.55 0.89 0.67 0.88 0.75 Client Id 1 - 0.72 0.00 0.64 0.74 0.90 0.74 0.95 0.67 0.59 0.42 0.75 0.54 0.50 0.84 0.80 0.82 0.77 Client Id 2 - 0.72 0.90 0.00 0.67 0.93 0.80 0.83 0.54 0.00 0.60 0.89 0.00 0.48 0.78 0.69 0.38 0.73 0.18 Client Id 3 - 0.78 0.86 0.82 0.73 0.89 0.75 1.00 0.00 0.27 0.76 0.52 0.67 0.73 0.91 0.30 0.62 0.82 0.82 0.93 0.42 0.00 Client Id 4 - 0.62 0.93 0.82 0.80 0.20 0.86 0.67 0.63 0.91 0.54 0.00 0.00 0.37 1.00 0.13 - 0.8 Client Id 5 - 0.55 0.00 0.55 0.88 0.86 0.00 0.96 0.92 0.00 0.00 0.94 0.46 0.00 0.62 0.71 0.00 0.00 0.19 Client Id 6 - 0.68 0.88 0.90 0.89 0.95 1.00 0.95 0.46 0.12 0.95 0.59 0.50 0.52 0.33 0.96 1.00 0.90 0.82 0.90 0.00 0.95 Client Id 7 - 0.80 0.72 0.71 0.78 0.75 0.95 0.48 0.33 0.90 0.62 0.95 0.93 0.78 0.82 0.90 0.87 Client Id 8 - 0.65 0.95 0.89 0.46 0.95 0.90 0.56 0.80 0.64 0.38 0.57 0.90 0.89 1.00 0.80 0.18 0.74 0.80 Client Id 9 - 0.41 0.89 0.89 0.63 0.17 0.82 0.71 0.00 0.00 0.00 0.62 0.40 0.00 0.70 0.29 0.43 0.20 0.38 0.00 - 0.6 Client Id 10 - 0.54 0.90 1.00 0.28 0.25 0.84 0.00 0.00 0.74 0.33 0.00 0.00 0.87 0.67 0.41 0.00 0.82 Client Id 11 - 0.55 0.89 0.95 0.88 0.78 0.33 0.15 0.90 1.00 0.55 0.00 0.87 0.84 0.82 0.89 0.95 0.93 0.92 0.94 0.70 Client Id 12 - 0.78 0.46 0.82 0.56 0.86 0.82 0.35 0.00 0.78 0.57 0.57 0.00 0.80 0.90 1.00 0.90 0.78 0.80 Client Id 13 - 0.85 0.91 0.94 0.91 0.89 0.78 0.00 0.89 0.95 0.89 0.56 0.40 0.91 0.64 0.71 0.84 0.84 0.82 0.71 Client Id 14 - 0.69 0.94 0.76 0.75 1.00 0.88 0.95 1.00 0.86 0.90 0.39 0.15 0.52 0.55 0.57 0.31 0.4 0.78 0.75 0.57 Client Id 15 - 0.78 0.94 0.83 1.00 0.95 0.94 0.00 0.80 0.86 0.72 0.59 0.70 0.62 0.64 0.78 0.90 0.75 0.80 Client Id 16 - 0.77 0.94 0.90 0.95 0.89 0.70 0.80 0.49 0.48 0.62 0.56 0.55 0.82 0.80 0.94 0.84 0.80 1.00 Client Id 17 - 0.72 0.90 0.86 0.95 0.95 0.89 0.90 0.56 0.49 0.43 0.90 0.95 0.86 0.94 1.00 0.00 0.84 0.55 Client Id 18 - 0.70 1.00 0.80 0.76 0.88 0.31 0.75 0.73 0.00 0.61 0.90 0.70 0.53 0.82 0.82 0.86 0.2 Client Id 19 - 0.80 0.95 0.71 0.90 0.80 0.61 0.55 0.75 0.95 0.86 1.00 0.840.80 0.67 0.75 0.88 0.73 0.47 1.00 0.55 0.75 Client Id 20 - 0.77 0.80 0.64 0.33 0.89 0.58 0.43 0.64 0.94 0.55 0.88 0.00 0.64 0.88 0.88 0.89 Client Id 21 - 0.73 0.88 0.94 0.94 0.94 0.88 0.95 0.89 0.95 1.00 0.45 1.00 0.89 0.74 0.94 0.62 Client Id 22 - 0.62 0.95 0.89 0.94 1.00 0.00 0.18 0.95 0.95 0.89 0.95 1.00 0.84 0.90 0.60 0.00 0.00 0.94 1.00 Client Id 23 - 0.77 1.00 0.94 0.88 0.95 0.93 0.95 0.27 0.57 0.36 0.88 0.57 0.53 0.82 0.59 0.63 0.57 0.84 0.73 0.0 lunges . jogging sit-ups bench-dips NULL sdn-ysnd purpees lunges (complex) jogging (rotating arms) logging (skipping) jogging (sidesteps) logging (butt-kicks) stretching (triceps) stretching (lunging) stretching (shoulders) stretching (hamstrings) stretching (lumbar rotation) (xaldwoo) sdn-ysnd sit-ups (complex)

Labels

F1 Score