

Heatmap showing the correlation of various measures across different repositories. The y-axis lists repositories: deepdive, imd, kornblith19, mklabunde, netrep (Williams et al., 2021), nn_similarity_index (Tang et al., 2020), platonic (Huh et al., 2024), repsim (Lange et al., 2023), rsatoolbox (Kriegeskorte et al., 2008), sim_metric (Ding et al., 2021), subspacematch, svcca, and yuanli2333. The x-axis lists measures: bures_distance, cca, cca-angular, cca-angular-score, cca-euclidean, cca-mean_sq_corr, cka, cka-angular, cka-angular-score, cka-hsic_gretton, cka-hsic_gretton-angular, cka-hsic_lange-angular, cka-hsic_song, cka-hsic_song-angular, cka-rbf1, cknn-topk10, cycle_knn-topk10, edit_distance_knn-topk10, imd, lcs_knn-topk10, linreg-pearson_r#5folds_cv, linreg-pearson_r2#5folds_cv, linreg-r2#5folds_cv, max_match, mutual_knn-topk10, nbs, permutation-topk10, permutation-angular, permutation-euclidean, pls, procrustes-angular, procrustes-angular-score, procrustes-euclidean, pwcca, ridge-lambda1-pearson_r#5folds_cv, ridge-lambda1-pearson_r2#5folds_cv, riemannian_metric, rsa-correlation-corr, rsa-correlation-corr_cov, rsa-correlation-cosine, rsa-correlation-cosine_cov, rsa-correlation-euclidean, rsa-correlation-kendall, rsa-correlation-rho_a, rsa-correlation-spearman, rsa-correlation-tau_a, rsa-euclidean-tau_b, rsa-euclidean-corr, rsa-euclidean-corr_cov, rsa-euclidean-cosine, rsa-euclidean-cosine_cov, rsa-euclidean-kendall, rsa-euclidean-rho_a, rsa-euclidean-spearman, rsa-mahalanobis-tau_a, rsa-mahalanobis-tau_b, rsa-mahalanobis-corr, rsa-mahalanobis-corr_cov, rsa-mahalanobis-cosine, rsa-mahalanobis-cosine_cov, rsa-mahalanobis-kendall, rsa-mahalanobis-rho_a, rsa-mahalanobis-spearman, rsa-mahalanobis-tau_a, rsa-mahalanobis-tau_b, rsa-poisson-corr, rsa-poisson-corr_cov, rsa-poisson-cosine, rsa-poisson-cosine_cov, rsa-poisson-kendall, rsa-poisson-rho_a, rsa-poisson-spearman, svcca-dim10, svcca-var95, svcca-var99. The color scale ranges from -0.32 (dark blue) to 0.2 (light blue).