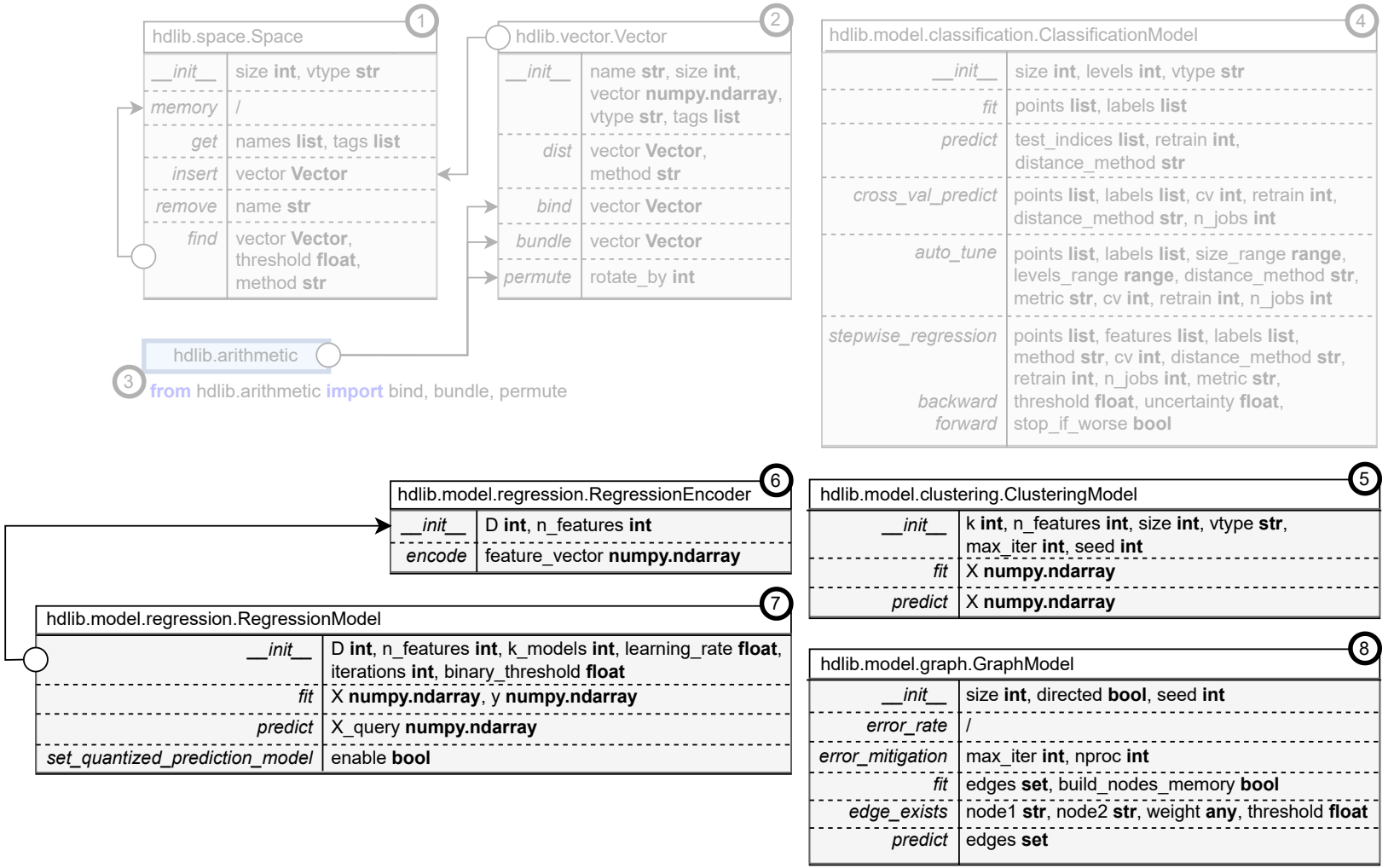
1
hdlib.space.Space
__init__ size int, vtype str
memory /
get names list, tags list
insert vector Vector
remove name str
find vector Vector, threshold float, method str
2
hdlib.vector.Vector
__init__ name str, size int, vector numpy.ndarray, vtype str, tags list
dist vector Vector, method str
bind vector Vector
bundle vector Vector
permute rotate_by int
hdlib.arithmetic
3
from hdlib.arithmetic import bind, bundle, permute
4
hdlib.model.classification.ClassificationModel
__init__ size int, levels int, vtype str
fit points list, labels list
predict test_indices list, retrain int, distance_method str
cross_val_predict points list, labels list, cv int, retrain int, distance_method str, n_jobs int
auto_tune points list, labels list, size_range range, levels_range range, distance_method str, metric str, cv int, retrain int, n_jobs int
stepwise_regression points list, features list, labels list, method str, cv int, distance_method str, retrain int, n_jobs int, metric str,
backward threshold float, uncertainty float,
forward stop_if_worse bool
6
hdlib.model.regression.RegressionEncoder
__init__ D int, n_features int
encode feature_vector numpy.ndarray
5
hdlib.model.clustering.ClusteringModel
__init__ k int, n_features int, size int, vtype str, max_iter int, seed int
fit X numpy.ndarray
predict X numpy.ndarray
7
hdlib.model.regression.RegressionModel
__init__ D int, n_features int, k_models int, learning_rate float, iterations int, binary_threshold float
fit X numpy.ndarray, y numpy.ndarray
predict X_query numpy.ndarray
set_quantized_prediction_model enable bool
8
hdlib.model.graph.GraphModel
__init__ size int, directed bool, seed int
error_rate /
error_mitigation max_iter int, nproc int
fit edges set, build_nodes_memory bool
edge_exists node1 str, node2 str, weight any, threshold float
predict edges set