L.ORG/DATA/DOWNLOAD/3626/DATASET_2175_KIN8NM.ARFF)

ML.ORG/DATA/GET_CSV/3626/DATASET_2175_KIN8NM.ARFF)

Explore

🛢 **Data** (search?type=data)

🏆 Task (search?type=task)

⚙️ Flow (search?type=flow)

⭐ Run (search?type=run)

⚗️ Study (search?type=study)

🏳 Task type (search?type=task_type)

📊 Measure (search?type=measure)

👥 People (search?type=user)

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ON) 📄XML (API/V1/DATA/189) 📄RDF (/D/189/RDF)   ▾

🛢 (d) kin8nm

active   ⊞ ARFF (http://weka.wikispaces.com /ARFF+%28developer+version%29) CC Publicly available (https://creativecommons.org/publicdomain/mark/1.0/) ⦸ Visibility: public ☁️ Uploaded 23-04-2014 by Jan van Rijn (u/1)

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🏷 OpenML-Reg19   study_130   ➕ Add tag

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This is data set is concerned with the forward kinematics of an 8 link robot arm. Among the existing variants of this data set we have used the variant 8nm, which is known to be highly non-linear

▼ Show all

9 features

y **(target)**	numeric	8191 unique values 0 missing

-0.25

theta1	numeric	8192 unique values 0 missing	
			-3
theta2	numeric	8192 unique values 0 missing	
			-3
theta3	numeric	8192 unique values 0 missing	
			-3
theta4	numeric	8190 unique values 0 missing	
			-3
theta5	numeric	8192 unique values 0 missing	
			-3
theta6	numeric	8191 unique values 0 missing	
			-3
theta7	numeric	8192 unique values 0 missing	
			-3
theta8	numeric	8192 unique values 0 missing	
			-3

Explore

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107 properties

📊 **NumberOfInstances (...**	**8192**	Nu...

📊	**NumberOfFeatures (a...**	**9**	Nu...
📊	**NumberOfClasses (a/...**	**0**	Nu...
📊	**NumberOfMissingVal...**	**0**	Nu...
📊	**NumberOfInstancesW...**	**0**	Nu...

⌄ Show all 107 properties

Explore

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11 tasks

🏆 **Supervised Regression on kin8nm (t/2280)**
19 runs - estimation_procedure: 10-fold Crossvali...

🏆 **Supervised Regression on kin8nm (t/5042)**
0 runs - estimation_procedure: 10 times 10-fold ...

🏆 **Clustering on kin8nm (t/126177)**
0 runs - estimation_procedure: 50 times Clustering

🏆 **Clustering on kin8nm (t/147043)**
0 runs

🏆 **Clustering on kin8nm (t/169065)**
0 runs - estimation_procedure: 50 times Clustering

🏆 **Clustering on kin8nm (t/190572)**
0 runs - estimation_procedure: 50 times Clustering

🏆 **Clustering on kin8nm (t/212246)**
0 runs - estimation_procedure: 50 times Clustering

🏆 **Clustering on kin8nm (t/233361)**
0 runs - estimation_procedure: 50 times Clustering

🏆 **Clustering on kin8nm (t/254591)**
0 runs - estimation_procedure: 50 times Clustering

🏆 **Clustering on kin8nm (t/254602)**
0 runs - estimation_procedure: 50 times Clustering

🏆 **Clustering on kin8nm (t/296634)**
0 runs - estimation_procedure: 50 times Clustering

Explore

🗄 **Data (search?type=data)**

🏆 Task (search?type=task)

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⚗ Study (search?type=study)

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(search?type=task_type)

📊 Measure
(search?type=measure)

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DEFINE A NEW TASK (NEW/TASK?DATA=KIN8NM(1))