Kernel: constant

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**retriangulate**
With caps	True
Weights	[1.0, 1.0, 1.0]
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h_min	h_max	dof	L2 Error	Rates	Time [s]
2.60e-02	1.41e-01	1.70e+02	3.80e-03	0.00e+00	7.47e-02
1.32e-02	7.00e-02	7.17e+02	1.08e-03	1.81e+00	3.31e-01
6.27e-03	3.48e-02	2.92e+03	2.37e-04	2.19e+00	3.55e+00
2.84e-03	1.83e-02	1.18e+04	6.15e-05	1.94e+00	4.49e+01

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**retriangulate**
With caps	False
Weights	[1.0, 1.0, 1.0]
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h_min	h_max	dof	L2 Error	Rates	Time [s]
2.60e-02	1.41e-01	1.70e+02	1.91e-02	0.00e+00	8.24e-01
1.32e-02	7.00e-02	7.17e+02	5.54e-03	1.79e+00	2.99e-01
6.27e-03	3.48e-02	2.92e+03	1.22e-03	2.18e+00	3.31e+00
2.84e-03	1.83e-02	1.18e+04	3.10e-04	1.98e+00	4.69e+01

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**exactBall**
With caps	True
Weights	[1.0, 1.0, 1.0]
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h_min	h_max	dof	L2 Error	Rates	Time [s]
2.60e-02	1.41e-01	1.70e+02	1.95e-03	0.00e+00	7.18e-01
1.32e-02	7.00e-02	7.17e+02	5.90e-04	1.72e+00	3.75e-01
6.27e-03	3.48e-02	2.92e+03	1.36e-04	2.11e+00	3.75e+00
2.84e-03	1.83e-02	1.18e+04	3.11e-05	2.13e+00	4.75e+01

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**averageBall**
With caps	True
Weights	[1.0, 1.0, 1.0]
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h_min	h_max	dof	L2 Error	Rates	Time [s]
2.60e-02	1.41e-01	1.70e+02	1.22e-01	0.00e+00	6.92e-01
1.32e-02	7.00e-02	7.17e+02	9.57e-02	3.53e-01	1.84e-01
6.27e-03	3.48e-02	2.92e+03	5.74e-02	7.38e-01	2.06e+00
2.84e-03	1.83e-02	1.18e+04	3.22e-02	8.32e-01	3.39e+01

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**averageBall**
With caps	True
Weights	[0.0, 1.0, 1.0]
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h_min	h_max	dof	L2 Error	Rates	Time [s]
2.60e-02	1.41e-01	1.70e+02	3.76e-02	0.00e+00	7.00e-01
1.32e-02	7.00e-02	7.17e+02	8.10e-03	2.21e+00	2.06e-01
6.27e-03	3.48e-02	2.92e+03	2.35e-03	1.78e+00	2.16e+00
2.84e-03	1.83e-02	1.18e+04	5.11e-04	2.20e+00	3.47e+01

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**averageBall**
With caps	True
Weights	[0.0, 0.0, 1.0]
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h_min	h_max	dof	L2 Error	Rates	Time [s]
2.60e-02	1.41e-01	1.70e+02	1.47e+04	0.00e+00	7.99e-01
1.32e-02	7.00e-02	7.17e+02	3.65e-01	1.53e+01	2.50e-01
6.27e-03	3.48e-02	2.92e+03	1.05e-01	1.80e+00	1.79e+00
2.84e-03	1.83e-02	1.18e+04	4.36e-02	1.27e+00	3.10e+01

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**baryCenter**
With caps	True
Weights	[0.0, 0.0, 1.0]
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h_min	h_max	dof	L2 Error	Rates	Time [s]
2.60e-02	1.41e-01	1.70e+02	2.04e-02	0.00e+00	7.16e-01
1.32e-02	7.00e-02	7.17e+02	6.46e-03	1.66e+00	1.30e-01
6.27e-03	3.48e-02	2.92e+03	1.42e-03	2.18e+00	1.85e+00
2.84e-03	1.83e-02	1.18e+04	3.55e-04	2.00e+00	3.36e+01

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**baryCenterRT**
With caps	False
Weights	[0.0, 0.0, 1.0]
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h_min	h_max	dof	L2 Error	Rates	Time [s]
2.60e-02	1.41e-01	1.70e+02	8.58e-03	0.00e+00	8.18e-01
1.32e-02	7.00e-02	7.17e+02	1.90e-03	2.18e+00	2.24e-01
6.27e-03	3.48e-02	2.92e+03	4.37e-04	2.12e+00	1.90e+00
2.84e-03	1.83e-02	1.18e+04	1.20e-04	1.87e+00	3.45e+01

Setting

Right hand side	linear
Kernel	**constant**
Integration Method	**baryCenterRT**
With caps	True
Weights	[0.0, 0.0, 1.0]
Quadrule outer	7
Quadrule inner	1
Singular quad degree	5
Delta	0.1
Ansatz	CG

Rates

h_min	h_max	dof	L2 Error	Rates	Time [s]
2.60e-02	1.41e-01	1.70e+02	1.58e-02	0.00e+00	7.64e-01
1.32e-02	7.00e-02	7.17e+02	4.15e-03	1.93e+00	1.49e-01
6.27e-03	3.48e-02	2.92e+03	1.10e-03	1.91e+00	2.08e+00
2.84e-03	1.83e-02	1.18e+04	2.86e-04	1.95e+00	3.54e+01