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]
1.40e-02	1.33e-01	4.43e+02	1.85e-03	0.00e+00	2.44e-01
7.39e-03	6.89e-02	1.52e+03	5.51e-04	1.74e+00	1.67e+00
3.63e-03	3.60e-02	5.64e+03	1.41e-04	1.97e+00	1.62e+01
1.82e-03	1.83e-02	2.14e+04	4.06e-05	1.79e+00	2.01e+02

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]
1.40e-02	1.33e-01	4.43e+02	9.66e-03	0.00e+00	3.40e+00
7.39e-03	6.89e-02	1.52e+03	3.19e-03	1.60e+00	1.83e+00
3.63e-03	3.60e-02	5.64e+03	8.02e-04	1.99e+00	1.54e+01
1.82e-03	1.83e-02	2.14e+04	2.26e-04	1.83e+00	1.93e+02

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]
1.40e-02	1.33e-01	4.43e+02	1.65e-03	0.00e+00	2.30e+00
7.39e-03	6.89e-02	1.52e+03	5.53e-04	1.58e+00	1.09e+00
3.63e-03	3.60e-02	5.64e+03	1.24e-04	2.15e+00	1.13e+01
1.82e-03	1.83e-02	2.14e+04	2.94e-05	2.08e+00	1.39e+02

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]
1.40e-02	1.33e-01	4.43e+02	6.67e-02	0.00e+00	1.82e+00
7.39e-03	6.89e-02	1.52e+03	7.08e-02	-8.60e-02	6.15e-01
3.63e-03	3.60e-02	5.64e+03	4.40e-02	6.85e-01	7.09e+00
1.82e-03	1.83e-02	2.14e+04	2.65e-02	7.35e-01	1.13e+02

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]
1.40e-02	1.33e-01	4.43e+02	6.67e-02	0.00e+00	2.19e+00
7.39e-03	6.89e-02	1.52e+03	7.08e-02	-8.60e-02	6.44e-01
3.63e-03	3.60e-02	5.64e+03	4.40e-02	6.85e-01	7.38e+00
1.82e-03	1.83e-02	2.14e+04	2.65e-02	7.35e-01	1.05e+02

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]
1.40e-02	1.33e-01	4.43e+02	6.67e-02	0.00e+00	2.13e+00
7.39e-03	6.89e-02	1.52e+03	7.08e-02	-8.60e-02	6.37e-01
3.63e-03	3.60e-02	5.64e+03	4.40e-02	6.85e-01	6.70e+00
1.82e-03	1.83e-02	2.14e+04	2.65e-02	7.35e-01	1.01e+02

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]
1.40e-02	1.33e-01	4.43e+02	1.55e-02	0.00e+00	2.08e+00
7.39e-03	6.89e-02	1.52e+03	4.50e-03	1.78e+00	6.09e-01
3.63e-03	3.60e-02	5.64e+03	1.17e-03	1.94e+00	6.68e+00
1.82e-03	1.83e-02	2.14e+04	2.84e-04	2.04e+00	9.99e+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]
1.40e-02	1.33e-01	4.43e+02	6.13e-03	0.00e+00	2.15e+00
7.39e-03	6.89e-02	1.52e+03	1.55e-03	1.98e+00	6.60e-01
3.63e-03	3.60e-02	5.64e+03	4.47e-04	1.79e+00	7.14e+00
1.82e-03	1.83e-02	2.14e+04	1.44e-04	1.64e+00	1.03e+02

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]
1.40e-02	1.33e-01	4.43e+02	1.14e-02	0.00e+00	2.14e+00
7.39e-03	6.89e-02	1.52e+03	3.26e-03	1.80e+00	6.53e-01
3.63e-03	3.60e-02	5.64e+03	9.05e-04	1.85e+00	7.32e+00
1.82e-03	1.83e-02	2.14e+04	2.57e-04	1.81e+00	1.06e+02