

**Table E1.** The relationship of capsaicin tussive challenge tests with self-attempted cough suppression with cough severity, urge to cough visual analogue scale, and cough-specific health status in participants with chronic refractor cough

CS5 (n=30)		
	Correlation coefficients	p values
Cough severity VAS	-0.260	0.173
Urge to cough VAS	-0.118	0.542
LCQ		
Physical	-0.015	0.938
Psychological	-0.098	0.614
Social	-0.164	0.395
Total	-0.094	0.627

All correlation coefficients are Spearman's rank correlation

CS5 = capsaicin concentrations to elicit 5 coughs during self-attempted suppression of coughing.

**Table E2.** The sensitivity and specificity of capsaicin cough challenge test thresholds for discriminating patients with chronic refractory cough from healthy subjects

**a) Cough suppression test (CS5)**

Thresholds $\mu\text{mol.L}^{-1}$	Sensitivity (%)	Specificity (%)
999.93	100.00	26.09
867.36	100.00	39.13
585.04	100.00	43.48
407.20	100.00	47.83
314.58	100.00	52.17
244.18	100.00	56.52
218.41	100.00	60.87
164.67	100.00	65.22
125.13	100.00	69.57
96.83	100.00	73.91
68.38	100.00	78.26
56.83	100.00	82.61
45.27	100.00	86.96

38.86	100.00	91.30
37.13	96.67	91.30
34.23	93.33	91.30
31.92	90.00	91.30
30.68	86.67	91.30
29.92	83.33	91.30
24.70	83.33	95.65
19.34	80.00	95.65
18.56	76.67	95.65
16.85	73.33	95.65
15.58	70.00	95.65
14.73	66.67	95.65
13.89	63.33	95.65
12.37	60.00	95.65
10.21	56.67	95.65
8.09	53.33	95.65

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6.40	50.00	95.65
5.85	50.00	100.00
5.30	46.67	100.00
4.15	43.33	100.00
2.57	40.00	100.00
1.91	36.67	100.00
1.80	33.33	100.00
1.59	30.00	100.00
1.36	26.67	100.00
1.13	23.33	100.00
0.94	20.00	100.00
0.86	16.67	100.00
0.77	13.33	100.00
0.63	10.00	100.00
0.51	6.67	100.00

**b) Standard capsaicin challenge test (C5)**

Thresholds $\mu\text{mol.L}^{-1}$	Sensitivity (%)	Specificity (%)
594.77	100.00	8.33
352.98	100.00	16.67
95.89	100.00	25.00
71.45	100.00	33.33
60.18	100.00	41.67
49.54	100.00	50.00
36.91	100.00	58.33
31.17	90.91	58.33
23.82	81.82	58.33
16.41	81.82	66.67
14.13	81.82	75.00
13.09	81.82	83.33
12.59	81.82	91.67
12.20	72.73	91.67
11.98	63.64	91.67

9.87	63.64	100.00
7.09	54.55	100.00
4.87	45.45	100.00
2.17	36.36	100.00
0.79	27.27	100.00
0.54	18.18	100.00
0.45	9.09	100.00