

**Appendix 5.** Ranking of economic parameters with respect to the frequency of their usage in studies with different characteristics (e.g. population, setting, study design). The ranking was based on parameter counts. N represents the number of counts for each resource group.

Some studies used more than one economic parameter from each resource group.

#### Population

Adults	N	Rank
Secondary care	74	1
Primary care	63	2
Medication use	59	3
Emergency care	41	4
Work	36	5
Diagnostics	18	6
Health utility	14	7
Healthcare delivery	9	8
Informal care	2	9
Devices	1	10
School	1	11

Children	N	Rank
Secondary care	57	1
Primary care	49	2
Medication use	40	3
Emergency care	32	4
Work	17	5
School	16	6
Diagnostics	11	7
Healthcare delivery	11	8
Informal care	9	9
Health utility	6	10
Devices	1	11

#### Setting

Primary care	N	Rank
Secondary care	113	1
Primary care	102	2
Medication use	87	3
Emergency care	70	4
Work	38	5
Diagnostics	22	6
Healthcare delivery	17	7
Health utility	14	8
School	13	9
Informal care	8	10

Devices	5	11
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Secondary care	N	Rank
Secondary care	68	1
Primary care	49	2
Medication use	41	3
Emergency care	33	4
Work	30	5
Diagnostics	12	6
Health utility	11	7
Healthcare delivery	10	8
Informal care	6	9
School	5	10
Devices	0	11

#### Study design

RCT	N	Rank
Primary care	106	1
Secondary care	81	2
Medication use	66	3
Emergency care	60	4
Work	34	5
Diagnostics	12	6
School	9	7
Health utility	9	8
Informal care	8	9
Healthcare delivery	7	10
Devices	1	11

Cohort study	N	Rank
Secondary care	92	1
Medication use	66	2
Primary care	55	3
Emergency care	48	4
Work	36	5
Diagnostics	16	6
School	12	7
Informal care	12	8
Healthcare delivery	11	9
Health utility	4	10
Devices	0	11

Model	N	Rank
Secondary care	55	1
Medication use	42	2

Primary care	42	3
Emergency care	33	4
Health utility	23	5
Work	18	6
Diagnostics	14	7
Healthcare delivery	11	8
Informal care	5	9
School	3	10
Devices	0	11

**Asthma severity**

<b>Mild</b>	<b>N</b>	<b>Rank</b>
Secondary care	44	1
Medication use	38	2
Primary care	38	3
Emergency care	31	4
Work	19	5
Diagnostics	13	6
School	7	7
Health utility	7	8
Healthcare delivery	7	9
Informal care	5	10
Devices	2	11

<b>Moderate</b>	<b>N</b>	<b>Rank</b>
Secondary care	57	1
Primary care	49	2
Medication use	48	3
Emergency care	39	4
Work	28	5
Diagnostics	14	6
Health utility	10	7
Healthcare delivery	8	8
School	7	9
Informal care	7	10
Devices	2	11

<b>Severe</b>	<b>N</b>	<b>Rank</b>
Secondary care	56	1
Medication use	43	2
Primary care	42	3
Emergency care	37	4
Work	19	5
Diagnostics	18	6
Health utility	13	7

Healthcare delivery	9	8
Informal care	7	9
School	5	10
Devices	2	11

**Type of intervention**

<b>Medication use</b>	<b>N</b>	<b>Rank</b>
Primary care	117	1
Secondary care	115	2
Medication use	98	3
Emergency care	73	4
Work	38	5
Health utility	27	6
Diagnostics	18	7
Informal care	11	8
School	5	9
Healthcare delivery	4	10
Devices	1	11

<b>Education</b>	<b>N</b>	<b>Rank</b>
Secondary care	24	1
Emergency care	20	2
Primary care	16	3
Work	12	4
Healthcare delivery	7	5
Diagnostics	4	6
Medication use	3	7
School	3	8
Health utility	3	9
Devices	1	10
Informal care	0	11

<b>Procedures</b>	<b>N</b>	<b>Rank</b>
Secondary care	31	1
Primary care	30	2
Emergency care	20	3
Work	13	4
School	9	5
Healthcare delivery	9	6
Diagnostics	7	7
Informal care	6	8
Health utility	5	9
Medication use	4	10
Devices	1	11

Test	N	Rank
Primary care	9	1
Secondary care	7	2
Diagnostics	5	3
Emergency care	4	4
Healthcare delivery	4	5
Medication use	3	6
Work	3	7
Health utility	1	8
Devices	0	9
School	0	10
Informal care	0	11

#### Type of economic analysis

CA	N	Rank
Secondary care	109	1
Medication use	72	2
Emergency care	71	3
Primary care	57	4
Work	48	5
School	17	6
Diagnostics	14	7
Healthcare delivery	13	8
Informal care	11	9
Devices	2	10
Health utility	0	11

CEA	N	Rank
Primary care	112	1
Secondary care	91	2
Medication use	74	3
Emergency care	53	4
Work	34	5
Diagnostics	19	6
Healthcare delivery	11	7
Informal care	10	8
Health utility	10	9
School	6	10
Devices	2	11

CUA	N	Rank
Primary care	42	1
Secondary care	39	2
Medication use	35	3
Health utility	33	4

Emergency care	31	5
Work	16	6
Diagnostics	12	7
Healthcare delivery	5	8
Informal care	3	9
School	2	10
Devices	1	11

### Perspective

Health care provider	N	Rank
Secondary care	134	1
Primary care	131	2
Medication use	104	3
Emergency care	93	4
Work	46	5
Health utility	26	6
Diagnostics	23	7
Healthcare delivery	17	8
Informal care	15	9
School	14	10
Devices	3	11

Societal	N	Rank
Primary care	74	1
Secondary care	66	2
Work	66	3
Medication use	54	4
Emergency care	46	5
Informal care	17	6
School	16	7
Diagnostics	15	8
Healthcare delivery	15	9
Health utility	12	10
Devices	1	11

Third party payer	N	Rank
Secondary care	48	1
Medication use	30	2
Emergency care	27	3
Primary care	20	4
Work	14	5
Diagnostics	6	6
Health utility	3	7
Informal care	2	8
Healthcare delivery	2	9

Devices	1	10
School	1	11