

## Appendix 6: Sensitivity Analysis by Methodological Quality

Category of Care		Inappropriate Use (Total)			Underuse			Overuse		
		N Total Practices (Unique Practices <sup>a</sup> )	N Studies (Findings)	Median (IQR)	N Total Practices	N Studies (Findings)	Median (IQR)	N Total Practices	N Studies (Findings)	Median (IQR)
Diagnostics	All Studies	134 (120)	89 (258)	28% (13%-50%)	78	52 (163)	35% (21%-62%)	56	42 (95)	13% (3%-28%)
	Weak Studies Removed	105 (97)	63 (203)	28% (12%-51%)	58	37 (128)	36% (23%-64%)	47	29 (75)	11% (3%-28%)
Therapeutics	All Studies	119 (108)	108 (249)	34% (10%-61%)	66	60 (138)	51% (30%-71%)	53	55 (111)	14% (3%-39%)
	Weak Studies Removed	104 (96)	80 (192)	32% (8%-59%)	52	43 (96)	51% (27%-71%)	52	43 (96)	12% (2%-36%)
Total	All Studies	253 (228)	174 (507)	30% (12%-57%)	144	94 (301)	44% (24%-66%)	109	95 (206)	14% (3%-31%)
	Weak Studies Removed	209 (192)	127 (395)	29% (10%-55%)	110	67 (224)	43% (23%-66%)	99	71 (171)	11% (3%-31%)

### Legend

<sup>a</sup>=Unique Practices = Excludes practices that are both underused and overused (n=25)