

Table 1– Measurements results for the affected aspects before and after applying AOR methods: SpaceWar project

Aspect- Oriented Refactoring Method	Aspect Name		Inheritance		Coupling		Cohesion	Size and Complexity		
			DIT	NOC	CBC	RFC	LCOO	WOC	NOA	LOC
Extract Method From Advice	Before	Debug	1	0	4	17	5	17	13	109
	After	Debug	1	0	4	18	9	18	13	112
Replace Statement with A method call	Before	Debug	1	0	4	18	9	18	13	112
	After	Debug	1	0	4	18	9	18	13	110
Replace Statement with A method call	Before	Debug	1	0	4	18	9	18	13	110
	After	Debug	1	0	4	18	9	18	13	108
Replace Statement list in Advice with A method call	Before	Debug	1	0	4	18	9	18	13	108
	After	Debug	1	0	4	18	9	18	13	106
Change Advice Kind form Before to After	Before	EnsureShipIsAlive	1	0	2	2	1	2	1	11
	After	EnsureShipIsAlive	1	0	2	2	1	2	1	11

