APPENDIX: DETAILED RESULTS FOR ALL THE AVAILABLE CONFIGURATIONS OF FEATURES

The following tables report the fine grained results obtained for each run of the tool using in input the reviews related to the app Minesweeper Reloaded, (i.e., a run for each possible configuration of features).

Minesweeper Reloaded: Detailed results for Text Features					
CATEGORY	TP	FP	FN	PREC.	RECALL	F-MEASURE
FEATURE REQUEST	0	2	15	0.000	0.000	0.000
PROBLEM DISCOVERY	1	3	12	0.250	0.077	0.118
INFORMATION SEEKING	0	1	2	0.000	0.000	0.000
INFORMATION GIVING	30	83	3	0.265	0.909	0.411
OTHER	1	0	57	1.000	0.017	0.034
TOTAL	**32**	**89**	**89**	**0.264**	**0.264**	**0.264**

Minesweeper Reloaded: Detailed results for Text Structures					
CATEGORY	TP	FP	FN	PREC.	RECALL	F-MEASURE
FEATURE REQUEST	12	1	3	0.923	0.800	0.857
PROBLEM DISCOVERY	10	1	3	0.909	0.769	0.833
INFORMATION SEEKING	2	0	0	1.000	1.000	1.000
INFORMATION GIVING	23	3	10	0.885	0.697	0.780
OTHER	55	14	3	0.797	0.948	0.866
TOTAL	**102**	**19**	**19**	**0.843**	**0.843**	**0.843**

Minesweeper Reloaded: Detailed resuts for Text Features + Text Structures					
CATEGORY	TP	FP	FN	PREC.	RECALL	F-MEASURE
FEATURE REQUEST	3	1	12	0.750	0.200	0.316
PROBLEM DISCOVERY	10	0	3	1.000	0.769	0.870
INFORMATION SEEKING	2	0	0	1.000	1.000	1.000
INFORMATION GIVING	24	12	9	0.667	0.727	0.696
OTHER	55	14	3	0.797	0.948	0.866
TOTAL	**94**	**27**	**27**	**0.777**	**0.777**	**0.777**

Minesweeper Reloaded: Detailed results for Text Structures + Sentiment						
CATEGORY	TP	FP	FN	PREC.	RECALL	F-MEASURE
FEATURE REQUEST	13	2	2	0.867	0.867	0.867
PROBLEM DISCOVERY	11	1	2	0.917	0.846	0.880
INFORMATION SEEKING	2	0	0	1.000	1.000	1.000
INFORMATION GIVING	22	1	11	0.957	0.667	0.786
OTHER	57	12	1	0.826	0.983	0.898
TOTAL	**105**	**16**	**16**	**0.868**	**0.868**	**0.868**

Minesweeper Reloaded: Detailed results for Text Structures + Text Features + Sentiment						
CATEGORY	TP	FP	FN	PREC.	RECALL	F-MEASURE
FEATURE REQUEST	3	1	12	0.750	0.200	0.316
PROBLEM DISCOVERY	10	0	3	1.000	0.769	0.870
INFORMATION SEEKING	2	0	0	1.000	1.000	1.000
INFORMATION GIVING	24	12	9	0.667	0.727	0.696
OTHER	55	14	3	0.797	0.948	0.866
TOTAL	**94**	**27**	**27**	**0.777**	**0.777**	**0.777**