

Table of Contents

Table of Contents	v
List of Tables.....	xv
List of Figures	xvii
Introduction	1
Chapter 1 - The Importance of Multimodality to Politeness, Disagreements, and Cross-Cultural Communication: A Literature Overview	7
1 Cross-Cultural Communication	7
1.1 Definition	7
1.2 Cross-Cultural Communication and Cross-Cultural Competence	7
1.3 Miscommunication.....	8
1.4 Reasons for Miscommunication	9
1.4.1 Inadequate Perception	10
1.4.2 Inappropriate Comprehension	10
1.4.2.1 Language Proficiency.....	10
1.4.2.2 Pragmalinguistic Failure	11
1.4.3 Insufficient Relevant Knowledge	12
1.4.4 Uncooperativeness	13
1.4.5 Production Difficulties	13
1.5 Is it Possible to Overcome Miscommunication?.....	15
2 Disagreement.....	16
2.1 Definition	16
2.2 Disagreement Markers	18
2.2.1 Verbal Disagreement Markers.....	18
2.2.2 Prosodic Disagreement Markers.....	19
2.2.3 Non-Verbal Disagreement Markers.....	19
2.3 Is Disagreement Really Dispreferred?.....	20
2.4 German vs. New Zealand Disagreeing Style	25
2.4.1 German Disagreeing Style.....	25
2.4.2 New Zealand Disagreeing Style	26
2.5 The Question of Explicitness.....	27
3 Politeness.....	30
3.1 Approaches to Politeness.....	31
3.1.1 The Social Norm Approach.....	31
3.1.2 The Conversational Maxim Approach	32
3.1.3 The Face-Saving Approach	33
3.1.4 The Conversational Contract Approach	33
3.2 Problems with Politeness Approaches.....	34

3.2.1 The Social Norm Approach.....	34
3.2.2 The Conversational Maxim Approach	34
3.2.3 The Face-Saving Approach.....	35
3.2.4 The Conversational Contract Approach	38
3.2.5 A Mixed Approach.....	38
3.3 Politeness Model	39
3.3.1 From Speaker to Hearer Model	40
3.3.1.1 Culture and Social Norms	42
3.3.1.2 Speaker.....	43
3.3.1.3 Assessing Social Norms	44
3.3.1.4 Assessing Situation	44
3.3.1.5 Assessing Addressee	44
3.3.1.6 Assessing Politeness.....	45
3.3.1.7 Utterance.....	45
3.3.1.8 Culture and Social Norms	45
3.3.1.9 Addressee.....	46
3.3.1.10 Assessing Social Norms	47
3.3.1.11 Assessing Situation	48
3.3.1.12 Assessing Speaker.....	48
3.3.1.13 Assessing Politeness.....	48
3.3.2 Implications of the Model	49
3.4 Impoliteness – The Dark Side of Politeness	50
3.5 Indirectness and Politeness.....	52
3.6 German vs. New Zealand Politeness	54
3.6.1 German Politeness.....	54
3.6.2 New Zealand Politeness	55
4 Prosody.....	56
4.1 Definition	57
4.2 Why Include Prosodic Features in a Pragmatics Research Project?	58
4.3 Functions of Prosodic Cues	59
4.3.1 Semantic Content of Prosodic Cues	59
4.3.2 Conversational Organization.....	60
4.3.3 Emotion Content	61
4.3.4 Prosodic Cues as Contextualization Cues.....	62
4.4 Participant Orientation	63
4.4.1 Impression Formation	65
4.4.2 Cross-Cultural Communication.....	65
4.4.3 Acquisition of Prosodic Knowledge.....	66
4.5 German vs. English Registers of Prosody	67
4.6 The Relevance of Prosody to the Present Study	70
4.6.1 The Relevance of Prosody to Disagreement.....	70
4.6.2 The Relevance of Prosody to Politeness.....	72
4.6.3 Prosody as Modification Devices	73
5 Non-verbal Communication	75

5.1 Definition	75
5.2 How to Do Things Without Words.....	75
5.3 The Correlation of Speech with Non-verbal Cues	76
5.3.1 The Autonomy of Non-Verbal Behaviour	76
5.3.2 Synchronization	77
5.3.3 Speech Integration.....	78
5.4 The Benefits of Non-Verbal Cues	79
5.4.1 Speaker Benefits.....	81
5.4.2 Listener Benefits	83
5.4.2.1 Interpersonal Relationships.....	83
5.4.2.2 Speaker Commitment.....	84
5.4.2.3 Speaker's Truthfulness.....	84
5.4.2.4 Speakers' Attitudes and Emotions.....	84
5.5 The Relevance of Non-Verbal Cues to Cross-Cultural Communication.....	86
5.6 The Relevance of Non-Verbal Cues to Politeness	87
5.7 Parallels in Modalities.....	88
5.8 Why Include Non-Verbal Means of Communication in Pragmatic Research?	89
Chapter 2 - Multimodal Disagreeing Behaviour: Methodological Issues.....	91
1 Research Questions	91
2 Data	92
2.1 Authentic Spoken Data.....	93
2.2 Genre Elicits Disagreement	93
2.3 Contains Audio Data	93
2.4 Contains Visual Data.....	94
2.5 Comparability.....	94
2.6 Accessibility	94
3 Data Transcription	94
3.1 Transcription Process	95
3.2 Transcription Conventions	95
4 Framework: Qualitative or Quantitative Analysis?.....	96
5 Verbal Data	97
5.1 Identifying Disagreement.....	97
5.2 Disagreement Strategies	98
5.2.1 Pre-Disagreement Strategies	98
5.2.1.1 Disagreement Introduction	98
5.2.1.1.1 Explicit Disagreement Introduction	98
5.2.1.1.2 Implicit Disagreement Introduction	99
5.2.1.2 Initial Agreement	99
5.2.1.3 Pre-Disagreement Justification.....	99
5.2.1.4 Forewarn	100

5.2.2 Core Disagreement Strategies	100
5.2.2.1 Performative Disagreement.....	100
5.2.2.2 Explicit Disagreement.....	101
5.2.2.3 Implicit Disagreement.....	101
5.2.2.4 Hint	101
5.2.2.5 Qualified Agreement.....	102
5.2.3 Post-Disagreement Strategies.....	102
5.2.3.1 Concession	102
5.2.3.2 Post-Disagreement Justification	103
5.3 Coding for the Degree of Explicitness.....	103
5.4 Internal Modification Devices.....	104
5.4.1 Softening Devices	105
5.4.1.1 Tag Question.....	105
5.4.1.2 Impersonalization.....	106
5.4.1.3 Politeness Marker.....	106
5.4.1.4 Hesitation Marker/Pause	106
5.4.1.5 Address Form.....	106
5.4.1.6 Hedge	107
5.4.1.7 Gambit	107
5.4.1.8 Disarmer.....	107
5.4.1.9 Modal Verb	108
5.4.1.10 Verbosity.....	108
5.4.2 Strengthening Devices.....	108
5.4.2.1 Tag Question	109
5.4.2.2 Personalization.....	109
5.4.2.3 Alerter	109
5.4.2.4 Aggressive Interrogative/Exclamation	110
5.4.2.5 Address Form.....	110
5.4.2.6 Booster	110
5.4.2.7 Repetition	111
5.4.2.8 Swear Word	111
5.4.2.9 Modal Verb	111
5.4.2.10 Minimal Verbosity	111
6 Prosody Data	112
6.1 Measurement Tools	112
6.2 Features Analysed	112
6.3 Limitations	113
6.3.1 Homogeneity	114
6.3.2 Neutrality	114
6.3.3 Overlap.....	115
6.4 Problems.....	115
6.4.1 Problem: Hertz vs. ERB	115
6.4.2 Problem Solving: Hertz vs. ERB.....	116
6.4.3 Problem: Pitch Tracking Errors	116

6.4.4 Problem Solving: Pitch Tracking Errors.....	116
6.4.5 Problem: Pauses	116
6.4.6 Problem Solving: Pauses.....	117
7 Non-Verbal Data	117
7.1 Transcription Process	117
7.2 Categories of Non-Verbal Cues.....	118
7.2.1 Gesture.....	118
7.2.2 Body Movement.....	119
7.2.3 Facial Expression/Gaze.....	119
7.2.4 Head Movement.....	119
7.3 Subcategories of Non-Verbal Cues	119
7.3.1 Subcategories of Gesture.....	120
7.3.2 Subcategories of Body Movement	121
7.3.3 Subcategories of Facial Expression/Gaze.....	121
7.3.4 Subcategories of Head Movement.....	122
7.4 Extra-Verbal vs. Co-Verbal Non-Verbal Cues	122
7.5 Disagreement vs. Non-Disagreement	123
7.6 Problems.....	123
7.6.1 Problem: Technical Problems.....	124
7.6.2 Problem Solving: Technical Problems	124
7.6.3 Problem: Synchrony	124
7.6.4 Problem Solving: Synchrony.....	125
7.6.5 Problem: Idiosyncracy.....	125
7.6.6 Problem Solving: Idiosyncracy	125
8 Questionnaire.....	125
8.1 Emic vs. Etic Approach.....	126
8.2 Ethical Considerations.....	126
8.3 Purpose of the Questionnaire.....	127
8.4 Questionnaire Design	127
8.5 Problems.....	128
8.5.1 Problem: Single Questionnaire.....	128
8.5.2 Problem Solving: Single Questionnaire.....	128
8.5.3 Problem: Idiosyncracy.....	128
8.5.4 Problem Solving: Idiosyncracy	129
8.5.5 Problem: Influence of Order.....	129
8.5.6 Problem Solving: Influence of Order	129
8.6 Prosody Questionnaire	130
8.6.1 Problems	130
8.6.1.1 Problem: Inter-Feature Influence	130
8.6.1.2 Problem Solving: Inter-Feature Influence	131
8.7 Non-Verbal Questionnaire.....	131
8.7.1 Problems	132
8.7.1.1 Problem: Dismissive Gesture	132
8.7.1.2 Problem Solving: Dismissive Gesture	132

8.7.1.3 Problem: New Zealand Data	132
8.7.1.4 Problem Solving: New Zealand Data	132
8.8 Participants.....	133
8.9 Conducting the Questionnaire	133
Chapter 3 - The Verbal Properties of Disagreement: Results & Discussion.	135
1 The Verbal Properties of Disagreement: Results	135
1.1 Disagreement Strategies	135
1.1.1 Pre-Disagreement Strategies	137
1.1.2 Core Disagreement Strategies	138
1.1.3 Post-Disagreement Strategies.....	139
1.2 Internal Modification Devices	139
1.2.1 Internal Modification Devices Per Number of Words	141
1.2.2 Internal Modification Devices Per Number of Disagreements	144
1.2.3 Internal Modification Devices Per Number of Disagreement Strategies.....	146
2 The Verbal Properties of Disagreement: Discussion	149
2.1 Disagreement Strategies	149
2.1.1 Pre-Disagreement Strategies	149
2.1.2 Core Disagreement Strategies	151
2.1.3 Post-Disagreement Strategies.....	155
2.2 Internal Modification Devices	156
2.2.1 Softening Devices	157
2.2.2 Strengthening Devices.....	158
3 The Verbal Properties of Disagreement: Summary	160
Chapter 4 - The Prosodic Properties of Disagreement: Results & Discussion	163
1 The Prosodic Properties of Disagreement: Results	163
1.1 The Correlation of Prosodic Features with Disagreements.....	163
1.1.1 Pitch Mean in Disagreements	164
1.1.2 Pitch Range in Disagreements.....	164
1.1.3 Intensity Mean in Disagreements	165
1.1.4 Intensity Range in Disagreements	166
1.1.5 Speech Rate in Disagreements	166
1.2 Contour Plots.....	167
1.3 Cross-Cultural Variation in the Use of Prosodic Features in Disagreements	169
1.3.1 Speaker Analysis	169
1.3.1.1 Pitch Mean	170
1.3.1.2 Pitch Range	171
1.3.1.3 Intensity Mean	172
1.3.1.4 Intensity Range	173
1.3.1.5 Speech Rate.....	174

1.3.2 Audibly Perceivable Difference Analysis	174
1.3.2.1 Pitch Mean	175
1.3.2.2 Intensity Mean	179
1.3.2.3 Speech Rate.....	182
2 The Prosodic Properties of Disagreement: Discussion	185
2.1 The Correlation of Prosodic Features with Disagreements.....	185
2.1.1 Pitch Mean in Disagreements.....	186
2.1.2 Pitch Range in Disagreements.....	187
2.1.3 Intensity Mean in Disagreements	188
2.1.4 Intensity Range in Disagreements	189
2.1.5 Speech Rate in Disagreements	189
2.2 Cross-Cultural Variation in the Use of Prosodic Features in Disagreements	191
2.2.1 Speaker Analysis.....	191
2.2.1.1 Pitch Mean	192
2.2.1.2 Pitch Range.....	192
2.2.1.3 Intensity Mean	193
2.2.1.3.1 Intensity Mean and Pitch Mean as Compensatory Strategies?.....	194
2.2.1.4 Intensity Range	196
2.2.1.5 Speech Rate.....	197
2.2.1.5.1 Intensity Mean and Speech Rate as Compensatory Strategies?.....	197
2.2.1.5.2 Gender Differences?	198
2.2.1.5.3 Differences between Maori and Pakeha?	201
2.2.1.5.4 Pitch Mean and Speech Rate as Compensatory Strategies?.....	204
2.2.2 Audibly Perceivable Difference Analysis	205
2.2.2.1 Pitch Mean	205
2.2.2.2 Intensity Mean	206
2.2.2.3 Speech Rate.....	207
3 The Prosodic Properties of Disagreement: Summary	207
Chapter 5 - The Non-Verbal Properties of Disagreement: Results & Discussion	209
1 The Non-Verbal Properties of Disagreement: Results	209
1.1 Extra-Verbal Non-Verbal Cues	209
1.1.1 Pre-Disagreement.....	209
1.1.2 Post-Disagreement	210
1.2 Word Accompanying Non-Verbal Cues.....	211
1.2.1 Core Disagreement.....	211
1.3 Non-Verbal Cues in Disagreements	213
1.3.1 Gesture in Disagreements.....	214
1.3.2 Body-Movement in Disagreements.....	215

1.3.3 Facial Expression/Gaze in Disagreements.....	216
1.3.4 Head-Movement in Disagreements	218
1.4 Disagreements vs. Neutral Speech	220
1.5 Non-Verbal Cues in Neutral Speech.....	222
1.5.1 Gesture in Neutral Speech.....	223
1.5.2 Body Movement in Neutral Speech.....	225
1.5.3 Facial Expression/Gaze in Neutral Speech.....	226
1.5.4 Head Movement in Neutral Speech.....	227
2 The Non-Verbal Properties of Disagreement: Discussion	229
2.1 Extra-Verbal Non-Verbal Cues	229
2.1.1 Pre-Disagreement.....	229
2.1.2 Post-Disagreement	232
2.2 Word-Accompanying Non-Verbal Cues	233
2.2.1 Core Disagreement.....	233
2.3 Non-Verbal Cues in Disagreements	234
2.3.1 Gesture in Disagreements.....	235
2.3.2 Body Movement in Disagreements	236
2.3.3 Facial Expression/Gaze in Disagreements.....	237
2.3.4 Head Movement in Disagreements.....	240
2.4 Neutral Speech	241
2.5 Non-Verbal Cues in Neutral Speech.....	242
2.5.1 Gesture in Neutral Speech.....	242
2.5.2 Body Movement in Neutral Speech.....	243
2.5.3 Facial Expression/Gaze in Neutral Speech.....	244
2.5.4 Head Movement in Neutral Speech.....	245
3 The Non-Verbal Properties of Disagreement: Summary	246
Chapter 6 - Questionnaire Results & Discussion.....	249
1 Questionnaire Results	249
1.1 Hypothesis.....	249
1.1.1 Expected Findings for the Prosody Questionnaire.....	249
1.1.2 Expected Findings for the Non-Verbal Questionnaire.....	250
1.1.3 Rating the Questionnaire	250
1.2 Prosody Questionnaire	251
1.2.1 Neutral Scenarios	251
1.2.1.1 Scenario A: Neutral.....	251
1.2.1.2 Scenario B: Neutral.....	252
1.2.2 Scenarios with Increased Loudness	253
1.2.2.1 Scenario C: Increased Loudness.....	253
1.2.2.2 Scenario D: Increased Loudness	253
1.2.3 Scenarios with Increased Tempo.....	254
1.2.3.1 Scenario E: Increased Tempo.....	254
1.2.3.2 Scenario F: Increased Tempo	255
1.2.4 Scenarios with Increased Loudness & Increased Tempo.....	256

1.2.4.1 Scenario G: Increased Loudness & Increased Tempo	256
1.2.4.2 Scenario H: Increased Loudness & Increased Tempo	257
1.3 Non-Verbal Questionnaire.....	258
1.3.1 Neutral Scenarios	258
1.3.1.1 Scenario A: Neutral.....	258
1.3.1.2 Scenario B: Neutral.....	258
1.3.1.3 Scenario C: Neutral.....	259
1.3.2 Non-Verbally Marked & Prosodically Unmarked Scenarios..	260
1.3.2.1 Scenario D: Non-verbally marked, prosodically unmarked	260
1.3.2.2 Scenario E: Non-verbally marked, prosodically unmarked	260
1.3.2.3 Scenario F: Non-verbally marked, prosodically unmarked	261
1.3.3 Non-Verbally Marked & Prosodically Marked Scenarios	262
1.3.3.1 Scenario G: Non-verbally marked, prosodically marked (increased tempo).....	262
1.3.3.2 Scenario H: Non-verbally marked, prosodically marked (increased loudness & tempo).....	263
1.3.3.3 Scenario I: Non-verbally marked, prosodically marked (increased loudness & tempo).....	263
2 Questionnaire Discussion	264
2.1 Prosody Questionnaire	264
2.1.1 Neutral Scenarios	265
2.1.2 Scenarios with Increased Loudness.....	265
2.1.3 Scenarios with Increased Tempo.....	266
2.1.4 Scenarios with Increased Loudness & Increased Tempo.....	266
2.2 Non-Verbal Questionnaire.....	268
2.2.1 Neutral Scenarios	268
2.2.2 Non-Verbally Marked & Prosodically Unmarked Scenarios..	269
2.2.3 Non-Verbally Marked & Prosodically Marked Scenarios.....	270
3 Implications of the Prosody and the Non-Verbal Questionnaire.....	271
Chapter 7 - Conclusion.....	275
1 Research Questions Revisited.....	275
2 Verbal Disagreeing Behaviour.....	277
2.1 Preference for Disagreement vs. Agreement	277
2.2 Preference for Explicitness vs. Implicitness	278
2.3 Preference for Strengthening vs. Softening	280
3 Prosodic Disagreeing Behaviour	281
3.1 Preference for Clarity vs. Politeness.....	282
3.2 Preference for Strengthening vs. Softening	283
4 Non-Verbal Disagreeing Behaviour	283

4.1 Preference for Changed vs. Unchanged Non-Verbal Behaviour ...	284
4.2 Preference for Strengthening vs. Softening	284
5 German vs. New Zealand Disagreeing Behaviour in a Nutshell.....	285
6 Implications of the Questionnaires	286
7 Does this Mean Germans are Rude?.....	288
Appendices	291
Appendix 1: Coded Disagreements and Coded Modification Devices	291
Appendix 2: Explicitness Coding Form.....	363
Appendix 3: Participant Information Sheet	365
Appendix 4: Prosody Questionnaire Word-Only Condition	368
Appendix 5: Prosody Questionnaire Word + Prosody Condition	372
Appendix 6: Prosody Questionnaire Word + Prosody + Non-Verbal Condition	377
Appendix 7: Non-Verbal Questionnaire Word-Only Condition	380
Appendix 8: Non-Verbal Questionnaire Word + Non-Verbal Condition	386
Appendix 9: Non-Verbal Questionnaire Word + Non-Verbal + Prosody Condition.....	392
List of References.....	397