Table S1: Median level-increment thresholds (in dB), interquartile ranges (in dB) and number of subjects (#) tested in experiments $ILD_{standard/deviant}$ and $ILD_{distracting}$.

ILD	$ILD_{standard/deviant}$			$ILD_{distracting}$		
	Median	Interquartile range	#	Median	Interquartile range	#
0	28.3	27.6, 29.0	13	28.2	27.6, 29.5	8
1	27.0	27.0, 27.2	5	27.0	4.3, 27.0	6
1.5	26.2	23.9, 27.4	11	27.1	26.8, 27.4	4
2	21.4	13.0, 26.2	10	25.5	18.8, 26.2	4
3	-	-	0	4.8	4.5, 9.2	3
4	10.7	10.2, 17.0	9	7.5	6.9, 11.3	8
6	14.0	10.4, 21.1	9	3.7	3.3, 4.2	2
9	7.0	5.7, 10.9	9	4.0	3.7, 7.4	7
12	6.5	5.6, 8.1	9	3.4	2.9, 6.0	7
15	-	-	0	3.9	3.4, 4.6	3
20	-	-	0	4.0	3.3, 4.2	3
25	-	-	0	2.8	2.3, 3.4	2

Table S2: Median level-increment thresholds (in dB), interquartile ranges (in dB) and number of subjects tested in experiments ITD$_{standard/deviant}$ and ITD$_{distracting}$.

ITD	ITD$_{standard/deviant}$			ITD$_{distracting}$		
	Median	Interquartile range	#	Median	Interquartile range	#
0	28.5	28.1, 29.0	9	27.4	27.3, 27.6	5
15	27.7	27.4, 27.8	9	27.0	26.6, 27.1	5
25	27.2	26.1, 27.6	9	26.8	25.9, 27.0	5
35	25.2	24.6, 26.1	5	-	-	0
45	26.8	23.9, 27.3	13	24.1	18.7, 25.6	4
75	16.4	13.4, 24.2	5	-	-	0
100	12.3	10.6, 16.8	9	11.7	9.0, 16.0	5
600	5.5	3.5, 8.7	9	4.5	3.9, 5.7	4
1000	5.1	4.3, 8.0	9	3.6	2.7, 4.9	5

Table S3: Median level-increment thresholds (in dB), interquartile ranges (in dB) and number of subjects (#) tested in the experiment investigating the influence of spectral separation on the release from IM.

Condition	455	500	550	600	650	750	1000	1905	R	C
Median	28.6	27.8	13.8	6.1	6.0	4.0	3.1	3.6	2.9	3.3
Interquartile range	28.1, 28.9	26.5, 28.6	10.2, 18.5	5.8, 6.5	3.6, 7.3	2.9, 4.9	2.7, 3.2	3.1, 3.8	2.5, 3.8	3.2, 3.6
#	13	6	7	7	7	7	7	13	13	13