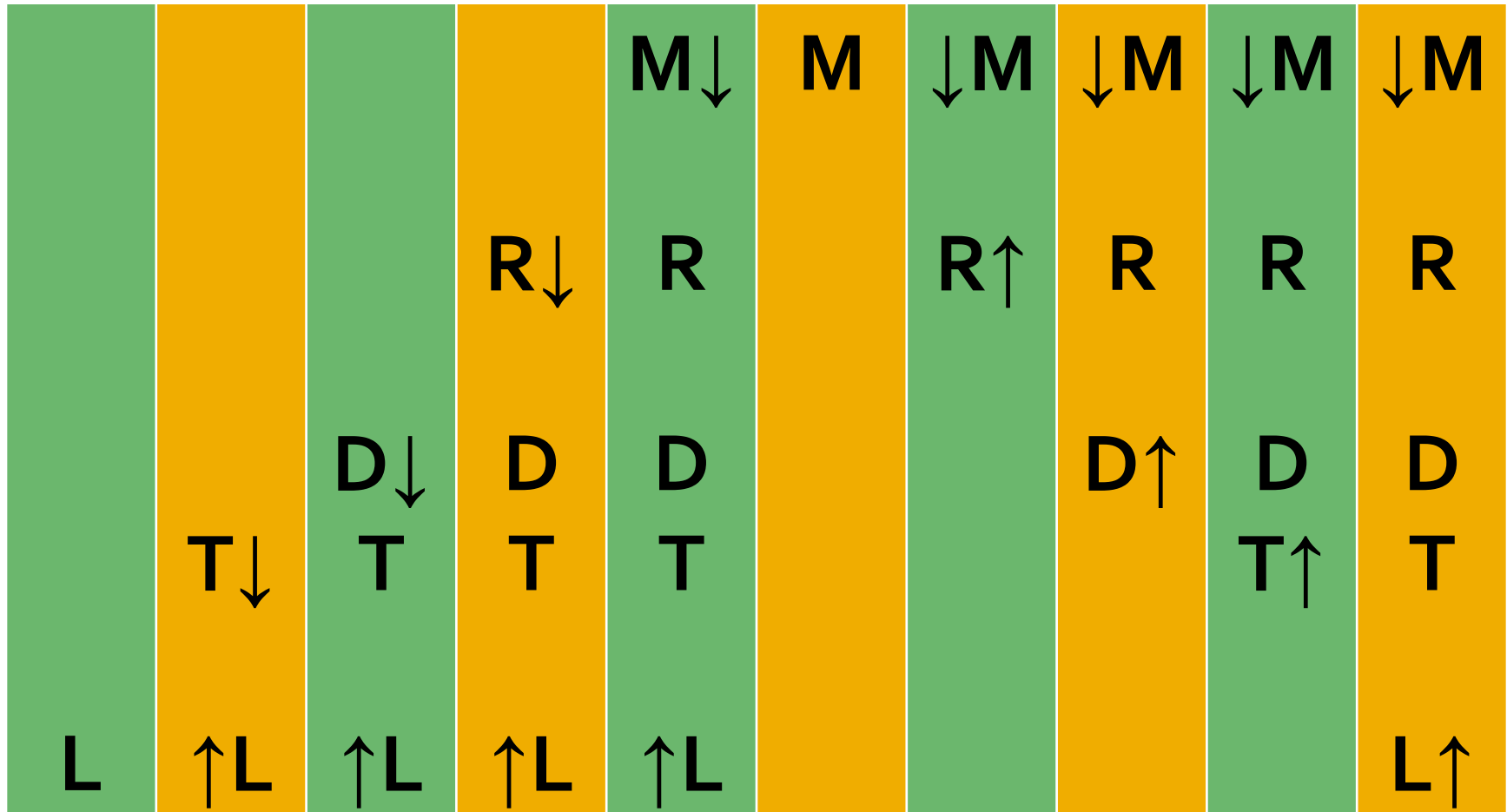


# Additive Pentachord—Minor



# Intervals in Tonic Pentachord— Minor

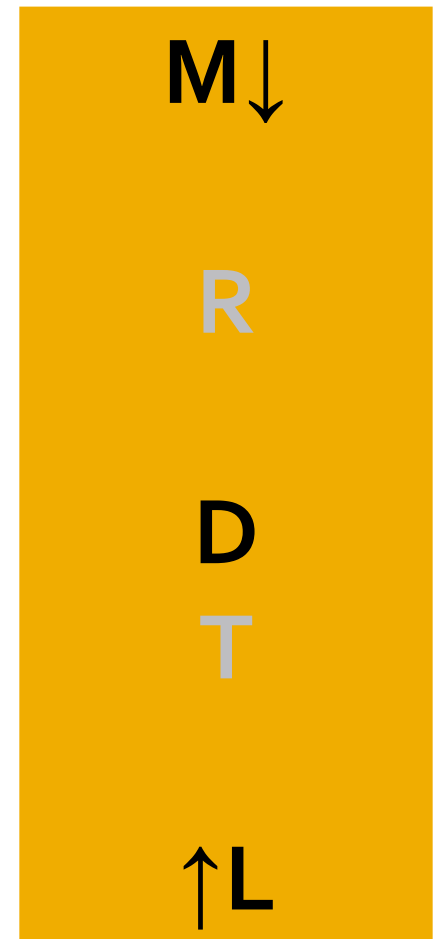
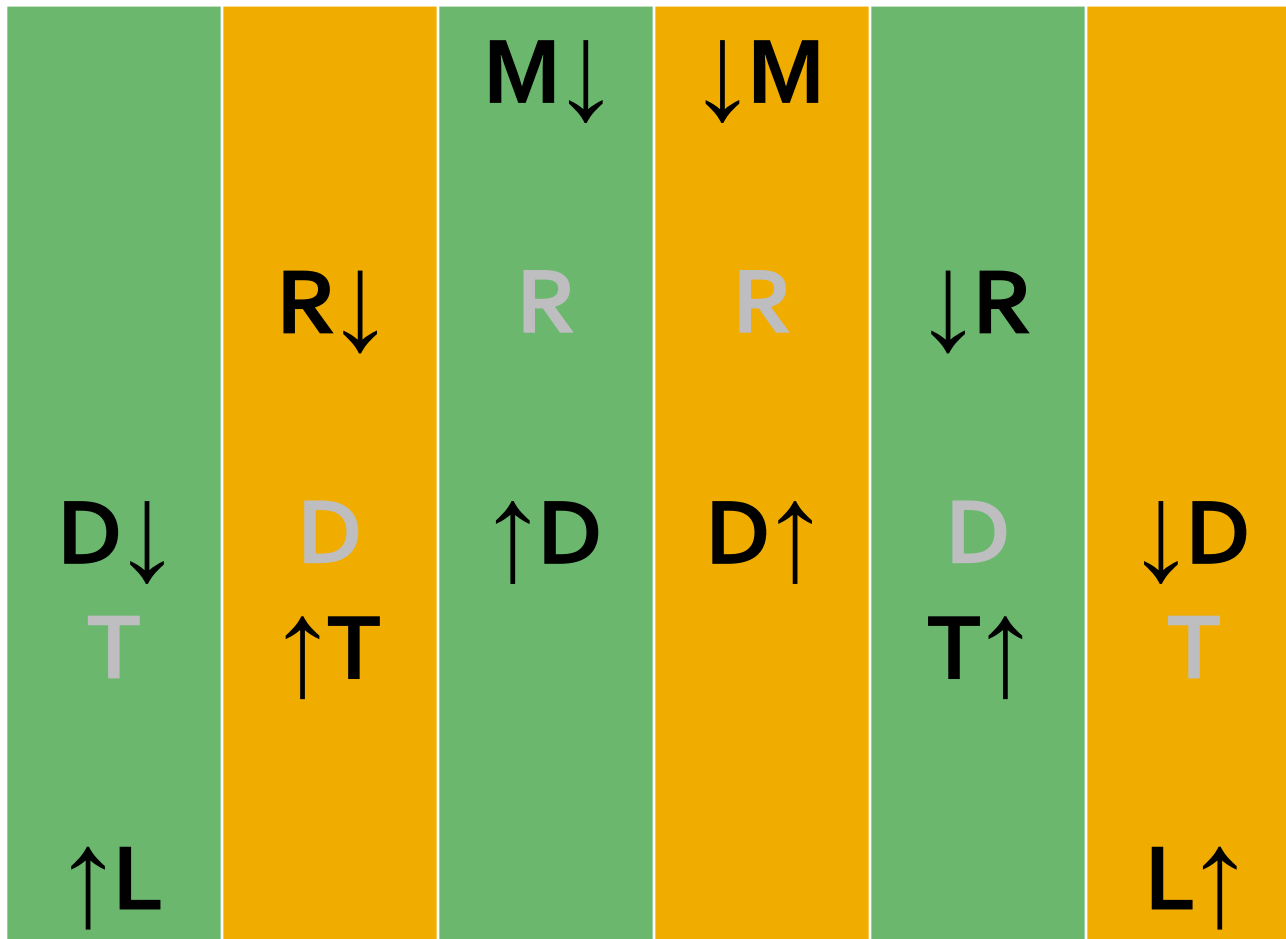
				M↓	M	↓M	↓M	↓M	↓M
			R↓	R		R↑	R	R	R
		D↓	D	D		D↑	D	D	D
	T↓	T	T	T			T↑	T	T
L	↑L	↑L	↑L	↑L					L↑
P <sub>1</sub>	M <sub>2</sub>	m <sub>3</sub>	P <sub>4</sub>	P <sub>5</sub>	P <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	P <sub>4</sub>	P <sub>5</sub>

# Intervals in Tonic Pentachord— Minor

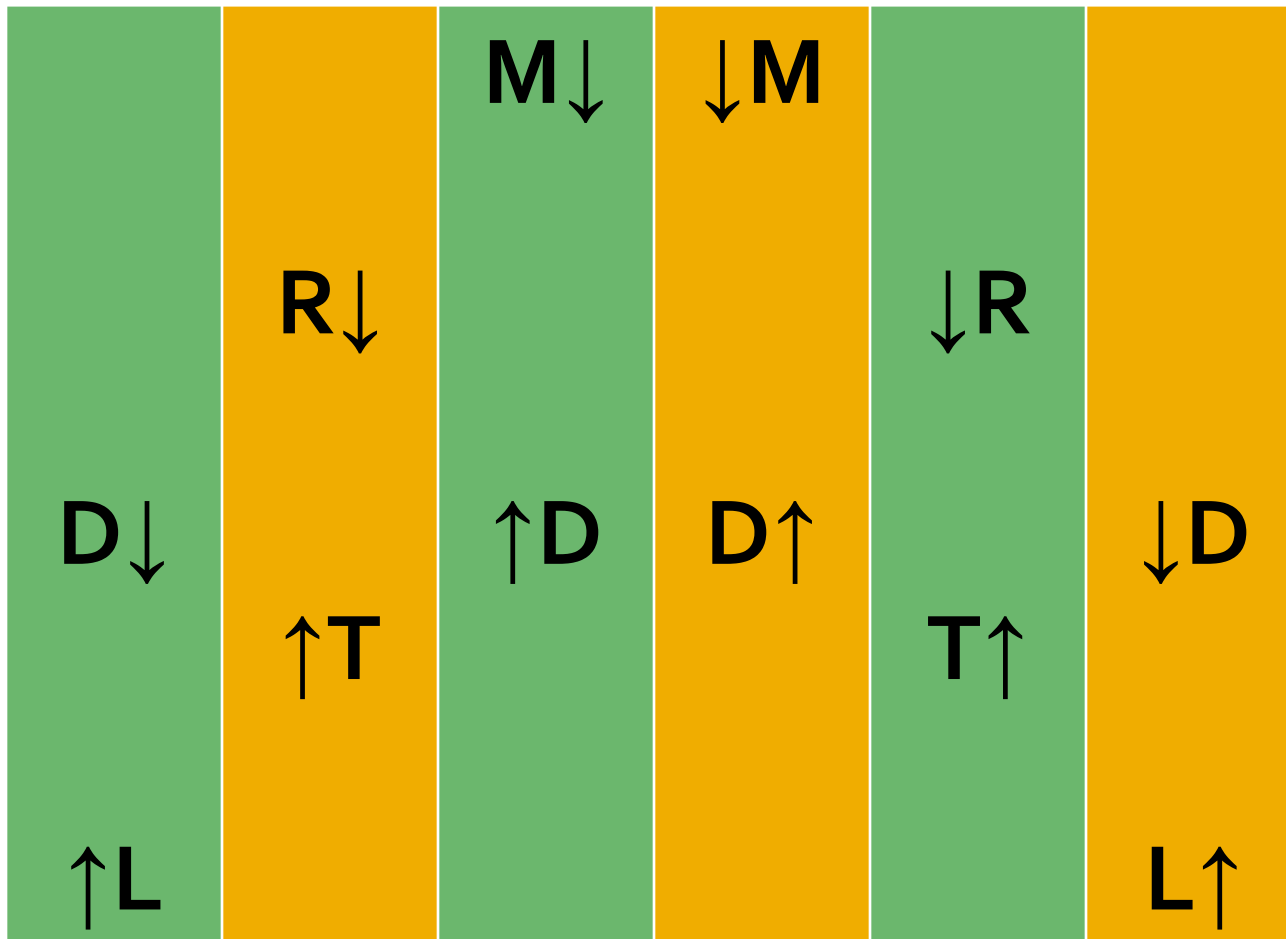
				M↓	M	↓M	↓M	↓M	↓M
			R↓			R↑			
	T↓	D↓					D↑	T↑	
L	↑L	↑L	↑L	↑L					L↑
P <sub>1</sub>	M <sub>2</sub>	m <sub>3</sub>	P <sub>4</sub>	P <sub>5</sub>	P <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	P <sub>4</sub>	P <sub>5</sub>

# Intervals of a Third in Tonic Pentachord—Minor

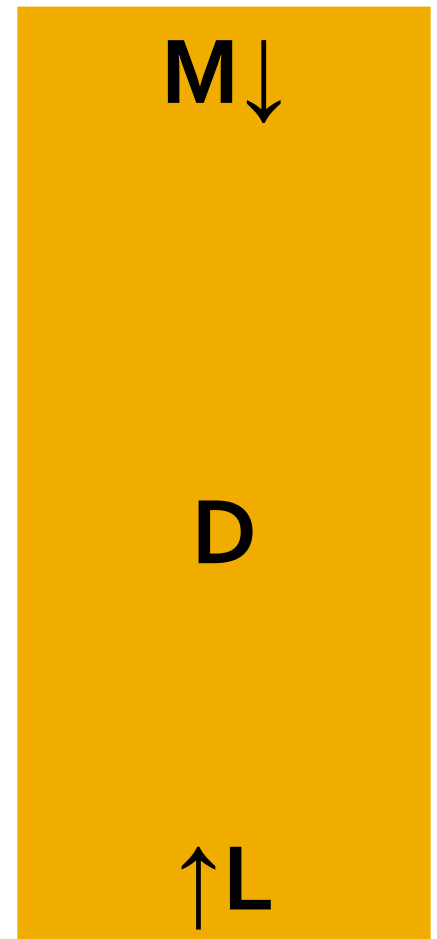
# Tonic Triad



# Intervals of a Third in Tonic Pentachord—Minor



# Tonic Triad



## Natural Minor Scale

L'↓

S

F

M

R

D

T

↑L

## Extended Natural Minor Scale

T'↓

L'

S

F

M

R

D

T

L

S''

F''

↑M''



# Ascending Pentachords Built on Each Scale Degree in the Natural Minor Scale

						R'↓	
				T'↓	D'↓	D'	
			L'↓	L'	L'	T'	
		S↓	S	S	S	L'	L'
	F↓	F	F	F	↑F	↑S	
M↓	M	M	M	↑M			
R	R	R	↑R				
D	D	↑D					
T	↑T						
↑L							
i	ii°	III	iv	v	VI	VII	i



# Descending Pentachords Built on Each Scale Degree in the Natural Minor Scale

	↓R'						
	D'	↓D'					
	T'	T'	↓T'				
L'	L'	L'	L'	↓L'			↓L'
	S↑	S	S	S	↓S		
		F↑	F	F	F	↓F	
			M↑	M	M	M	M
				R↑	R	R	R
					D↑	D	D
						T↑	T
							L↑
i	VII	VI	v	iv	III	ii°	i

# Minor Scales

## Natural Minor Scale

L'↓

S

F

M

R

D

T

↑L

## Harmonic Minor Scale

L'↓

si

F

M

R

D

T

↑L

## Melodic Minor Scale

L'

si

fi

M

R

D

T

↑L

L'↓

S

F

M

R

D

T

L

# Ascending & Descending Intervals from Tonic in the Natural Minor Scale

							L↓	L	↓L	↓L	↓L	↓L	↓L	↓L	↓L
						S↓	S	S↑	S	S	S	S	S	S	S
				M↓	F↓ M	F M	F M		F↑	F M↑	F M	F M	F M	F M	F M
			R↓	R	R	R	R				R↑	R	R	R	R
	T↓	D↓ T	D T	D T	D T	D T	D T					D↑	D T↑	D T	D T
L	↑L	↑L	↑L	↑L	↑L	↑L	↑L								L↑
P1	M2	m3	P4	P5	m6	m7	P8	P1	M2	M3	P4	P5	M6	m7	P8

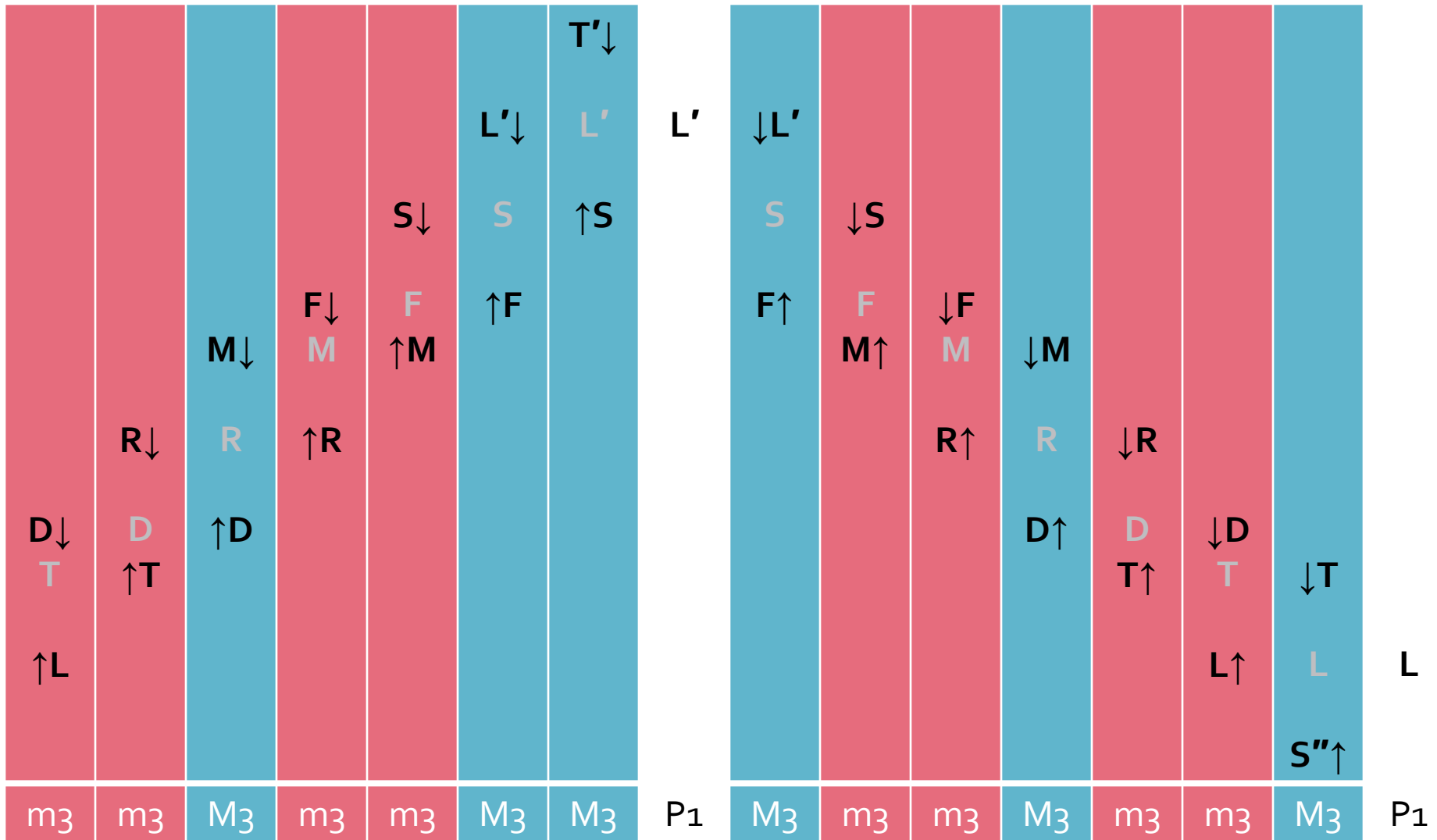
# Ascending & Descending Intervals from Tonic in the Natural Minor Scale

							L↓	L	↓L	↓L	↓L	↓L	↓L	↓L	↓L
						S↓			S↑						
				M↓	F↓					F↑					
			R↓								M↑				
		D↓										R↑			
	T↓												D↑		
														T↑	
L	↑L	↑L	↑L	↑L	↑L	↑L	↑L								L↑
P1	M2	m3	P4	P5	m6	m7	P8	P1	M2	M3	P4	P5	M6	m7	P8

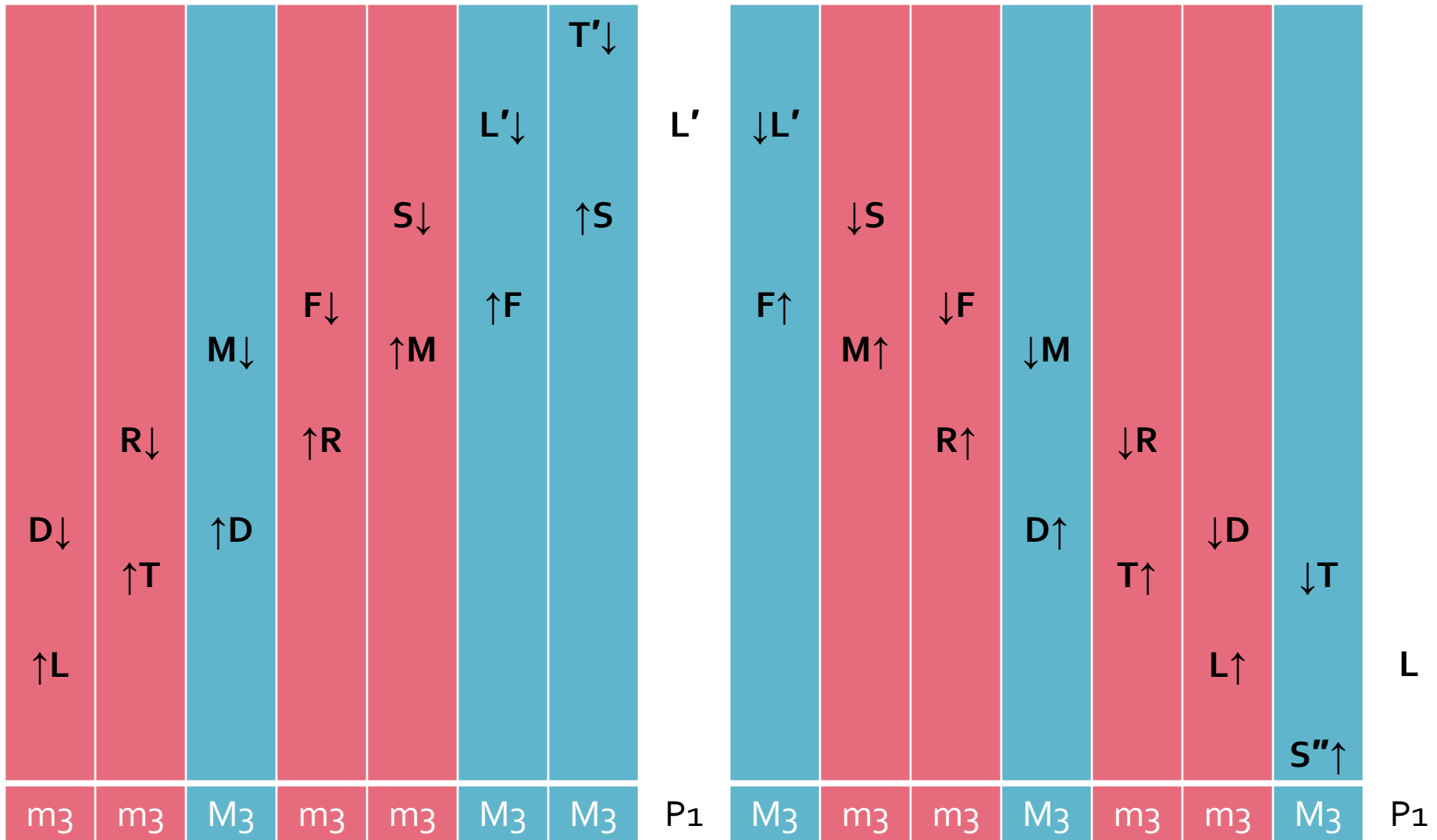




# Intervals of a Third in the Natural Minor Scale



# Intervals of a Third in the Natural Minor Scale







# Ascending Pentachords Built on Each Scale Degree in the Harmonic Minor Scale

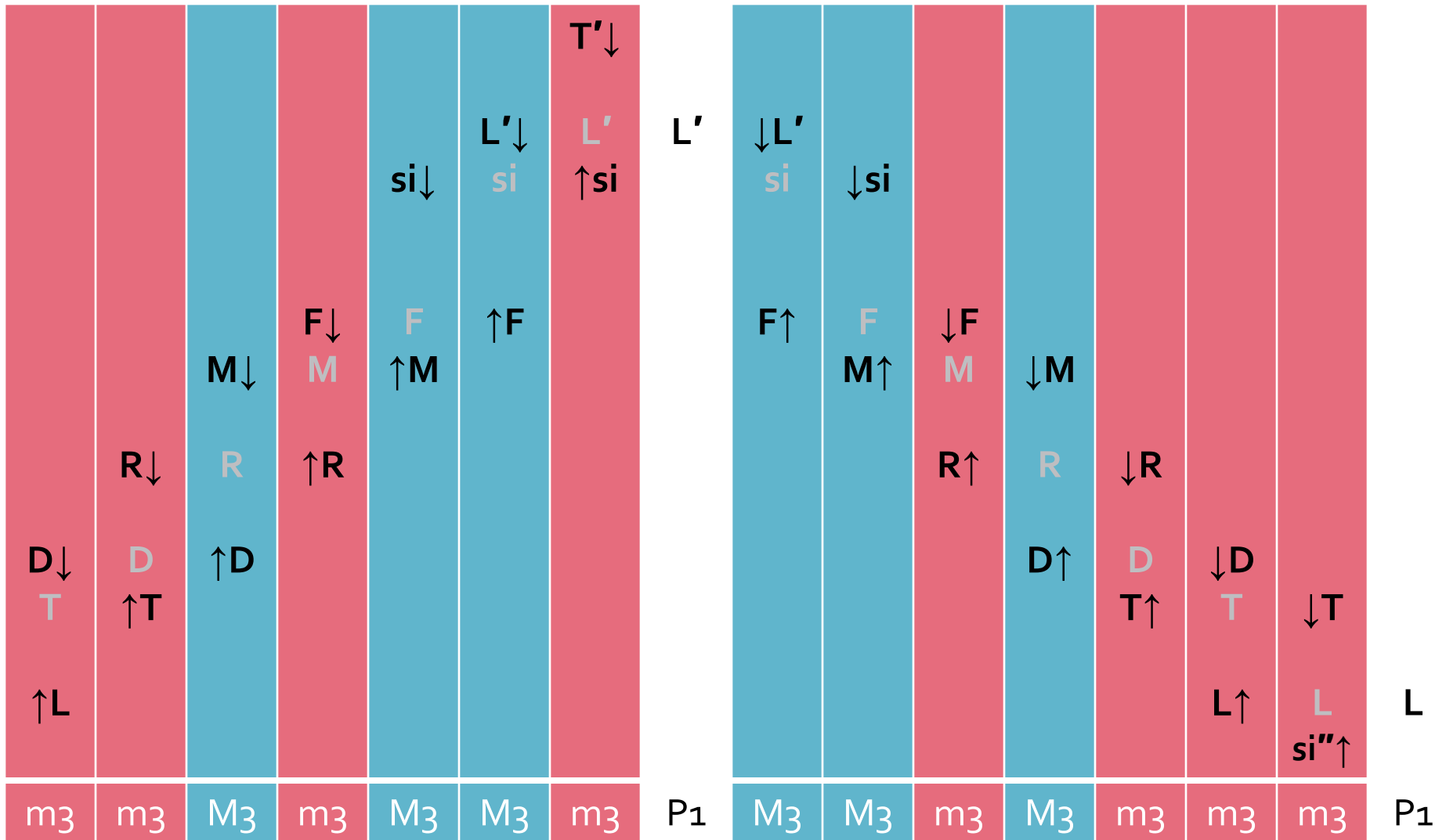
						R'↓	
				T'↓	D'↓	D'	
			L'↓	L'	T'	T'	
			S↓	L'	L'	L'	L'
			S	si	S	↑S	
	F↓	F	F	F	↑F		
M↓	M	M	M	↑M			
R	R	R	↑R				
D	D	↑D					
T	↑T						
↑L							
i	ii°	III	iv	V	VI	VII	i

# Descending Pentachords Built on Each Scale Degree in the Harmonic Minor Scale

	↓R'						
	D'	↓D'					
	T'	T'	↓T'				
L'	L'	L'	L'	↓L'			↓L'
	S↑	S	si	S	↓S		
		F↑	F	F	F	↓F	
			M↑	M	M	M	M
				R↑	R	R	R
					D↑	D	D
						T↑	T
							L↑
i	VII	VI	V	iv	III	ii°	i



# Intervals of a Third in the Harmonic Minor Scale





# Ascending & Descending Intervals from Tonic in the Harmonic Minor Scale

						si↓	L↓ si	L	↓L si↑	↓L si	↓L si	↓L si	↓L si	↓L si	↓L si
				M↓	F↓ M	F M	F M			F↑	F M↑	F M	F M	F M	F M
			R↓	R	R	R	R					R↑	R	R	R
	T↓	D↓ T	D T	D T	D T	D T	D T						D↑	D T↑	D T
L	↑L	↑L	↑L	↑L	↑L	↑L	↑L								L↑
P1	M2	m3	P4	P5	m6	M7	P8	P1	m2	M3	P4	P5	M6	m7	P8

# Ascending & Descending Intervals from Tonic in the Harmonic Minor Scale

						si↓	L↓	L	↓L si↑	↓L	↓L	↓L	↓L	↓L	↓L
	T↓	D↓	R↓	M↓	F↓				F↑	M↑		R↑	D↑	T↑	
L	↑L	↑L	↑L	↑L	↑L	↑L	↑L								L↑
P1	M2	m3	P4	P5	m6	M7	P8	P1	m2	M3	P4	P5	M6	m7	P8



# Intervals Moving Out from Tonic in the Harmonic Minor Scale

											si↓		L↓ si	
							M↓		F↓ M		F M		F M	
					R↓		R		R		R		R	
			D↓ T		D T		D T		D T		D T		D T	
L	T↓ ↑L	↓L si↑	↑L	↓L si	↑L	↓L si	↑L	↓L si	↑L	↓L si	↑L	↓L si	↑L	↓L si
				F↑		F M↑		F M		F M		F M		F M
							R↑		R		R		R	
									D↑		D T↑		D T	
														L↑
P1	M2	m2	m3	M3	P4	P4	P5	P5	m6	M6	M7	m7	P8	P8



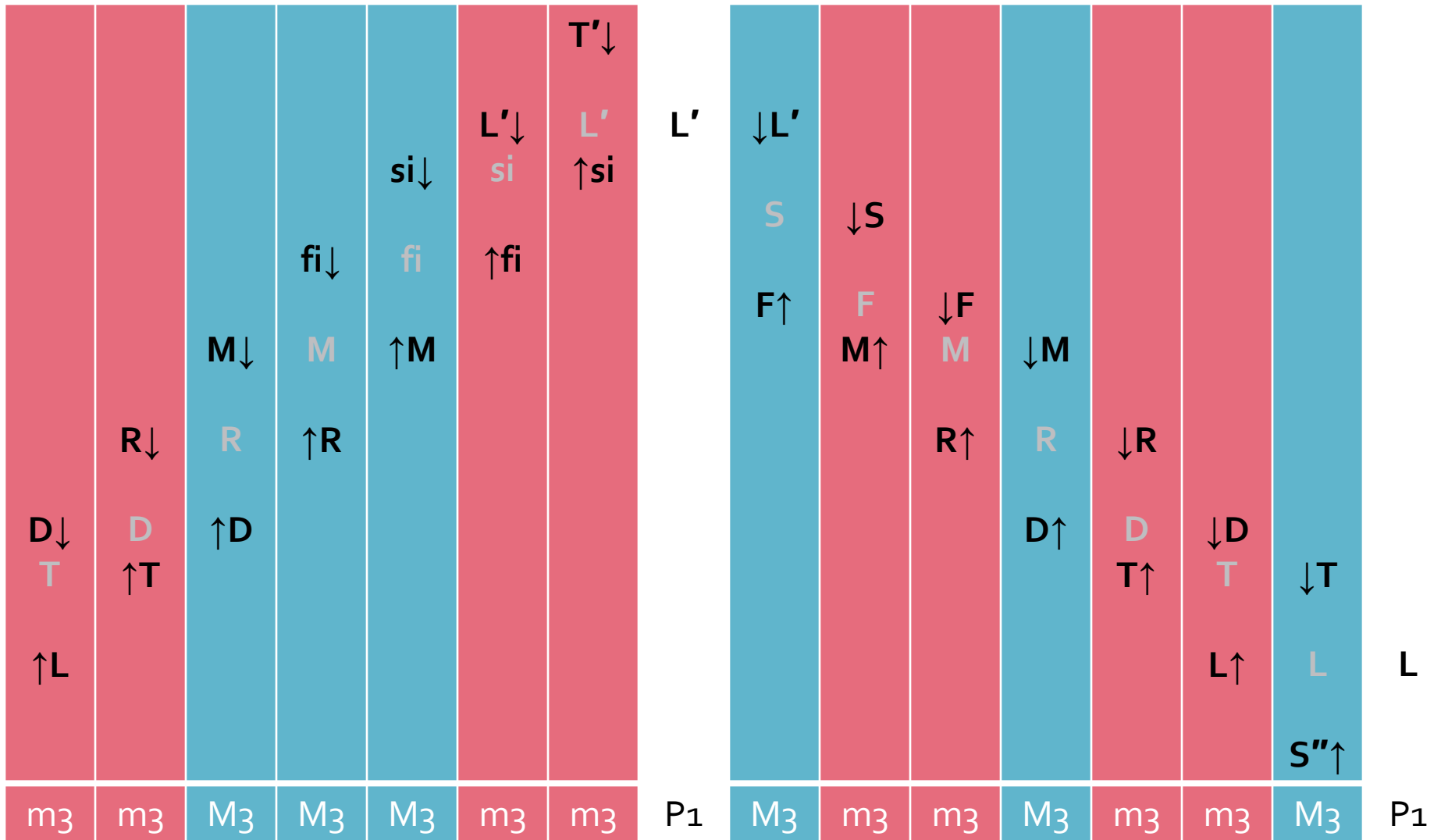
# Ascending & Descending Intervals from Tonic in the Melodic Minor Scale

							L↓	L	↓L	↓L	↓L	↓L	↓L	↓L	↓L
						si↓	si		S↑	S	S	S	S	S	S
					fi↓	fi	fi			F↑	F	F	F	F	F
				M↓	M	M	M			M↑	M	M	M	M	M
			R↓	R	R	R	R				R↑	R	R	R	R
	T↓	D↓	D	D	D	D	D					D↑	D	D	D
	↑L	↑L	↑L	↑L	↑L	↑L	↑L						↑L	↑L	↑L
P1	M2	m3	P4	P5	M6	M7	P8	P1	M2	M3	P4	P5	M6	m7	P8

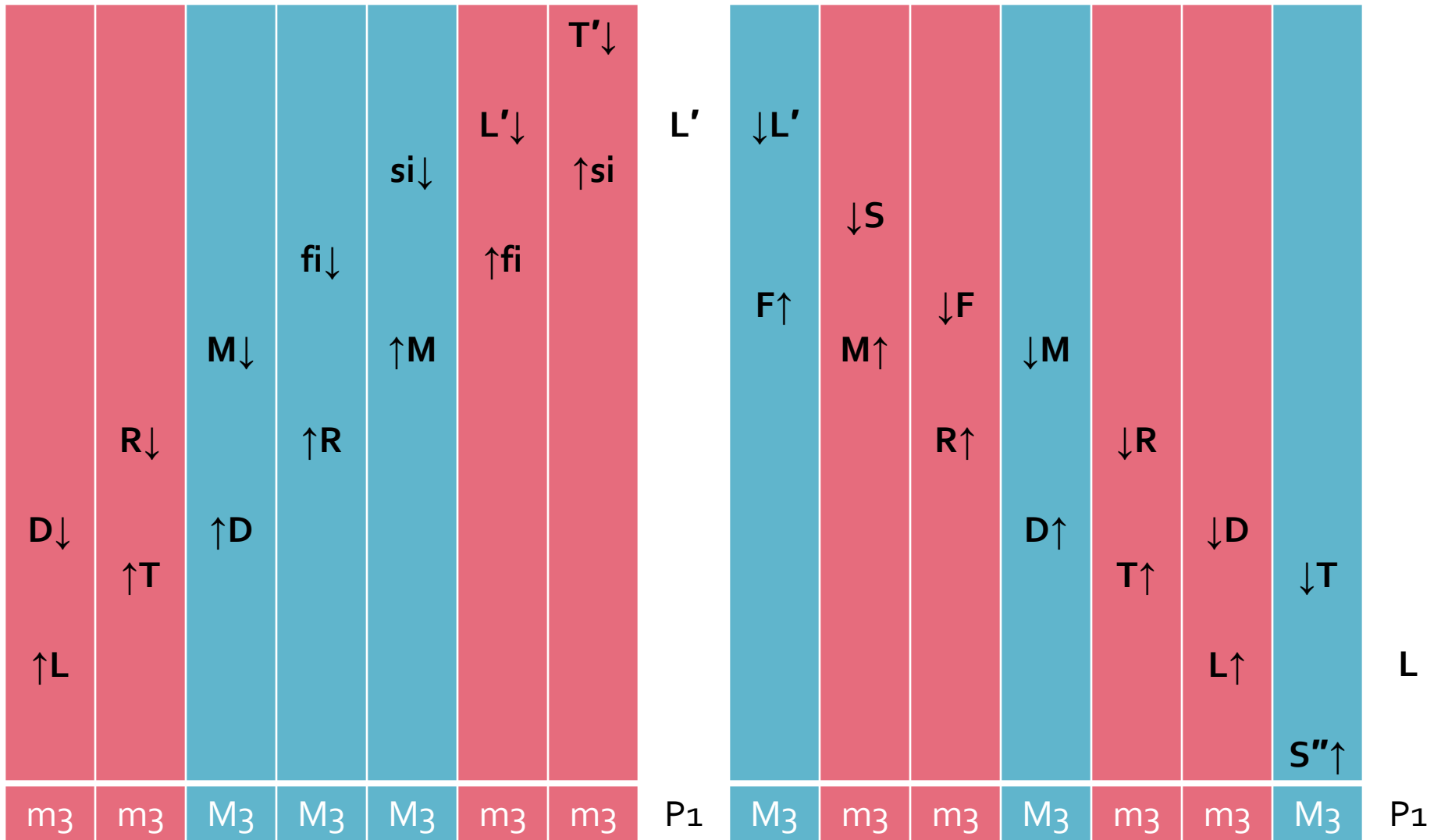
# Ascending & Descending Intervals from Tonic in the Melodic Minor Scale

						si↓	L↓	L	↓L	↓L	↓L	↓L	↓L	↓L	↓L
	T↓	D↓	R↓	M↓	fi↓				S↑	F↑	M↑		R↑	D↑	T↑
L	↑L	↑L	↑L	↑L	↑L	↑L	↑L								
P1	M2	m3	P4	P5	M6	M7	P8	P1	M2	M3	P4	P5	M6	m7	P8

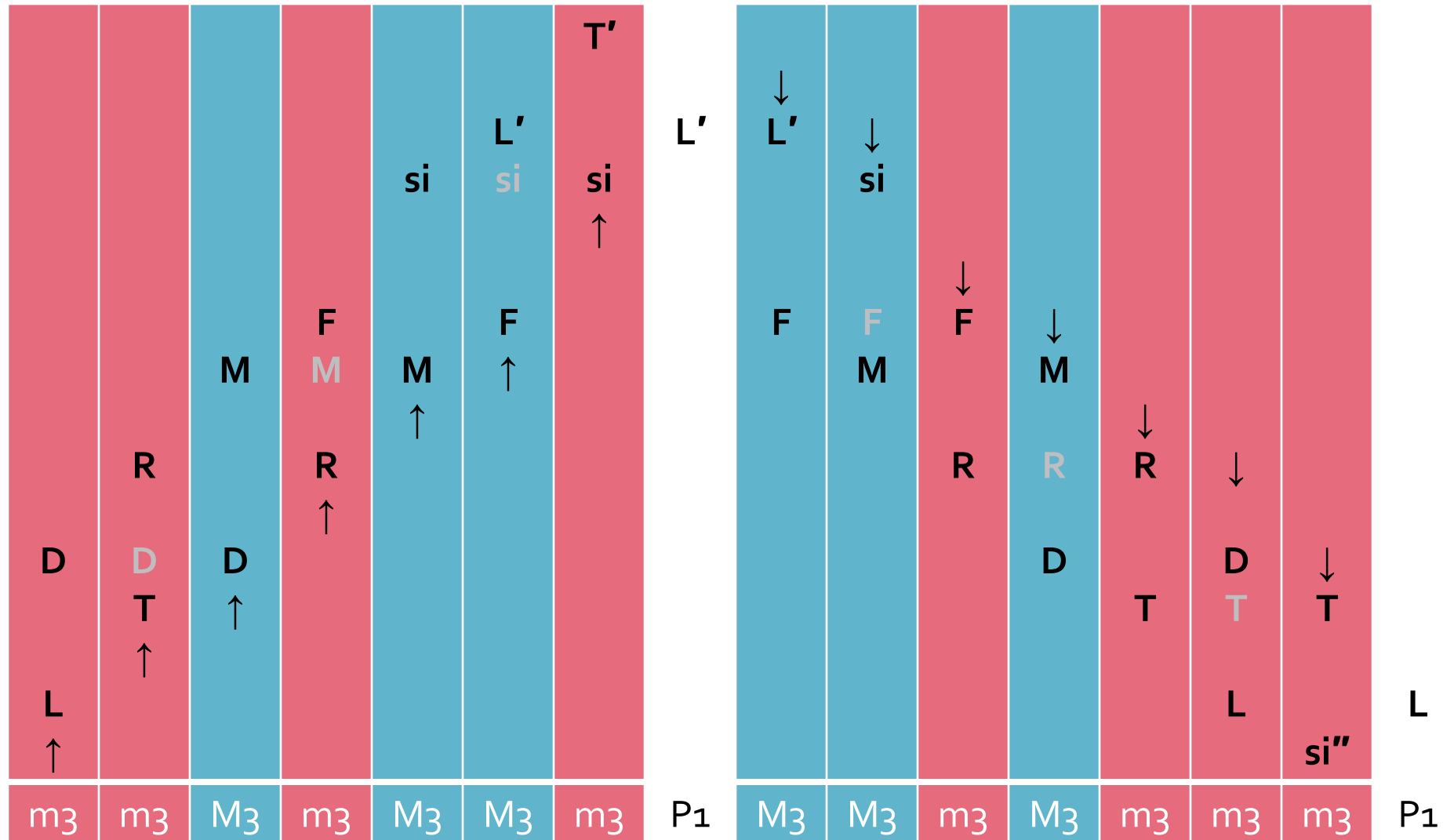
# Intervals of a Third in the Melodic Minor Scale



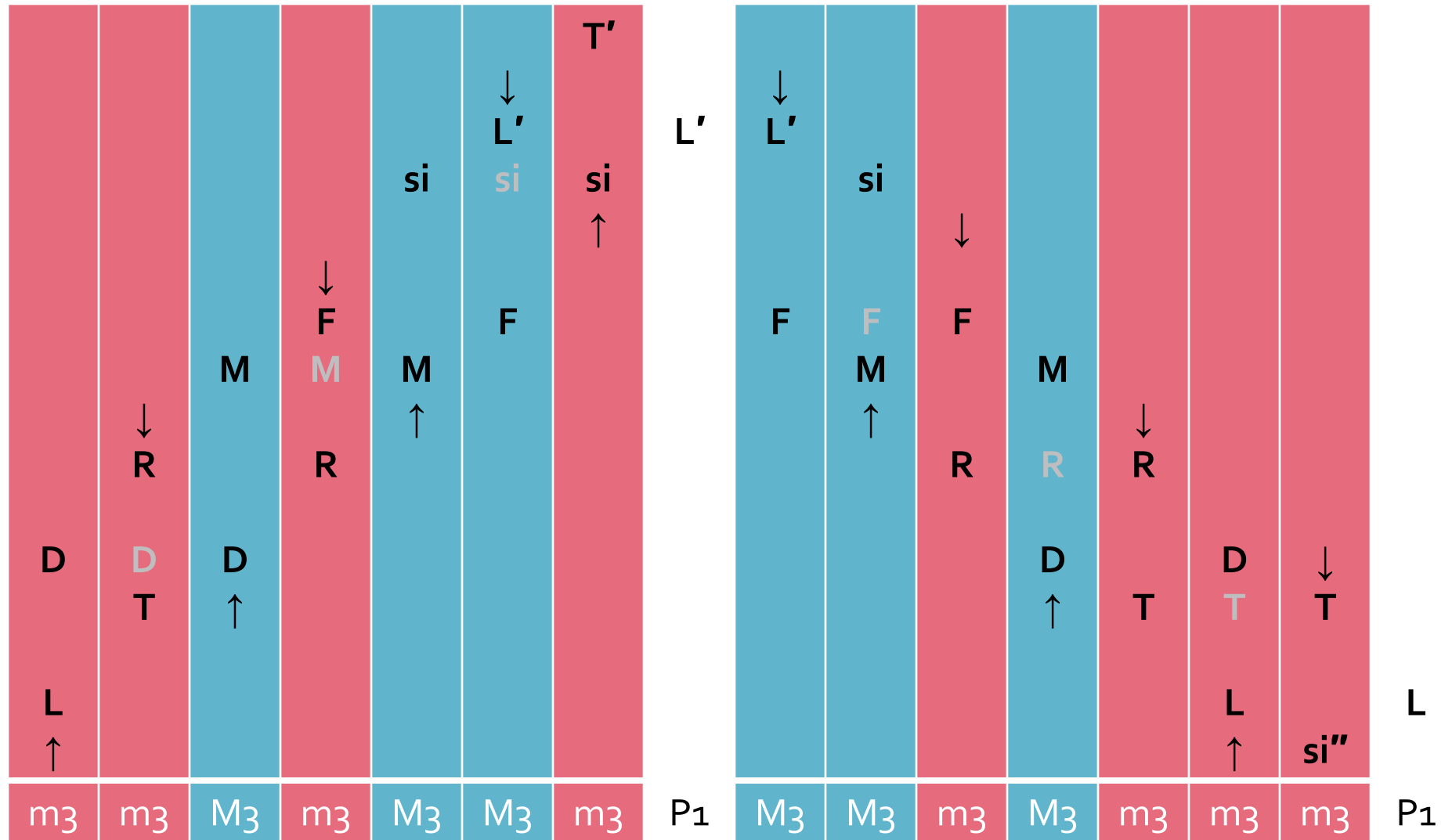
# Intervals of a Third in the Melodic Minor Scale



# Intervals: Combination of Thirds & Diatonic Seconds

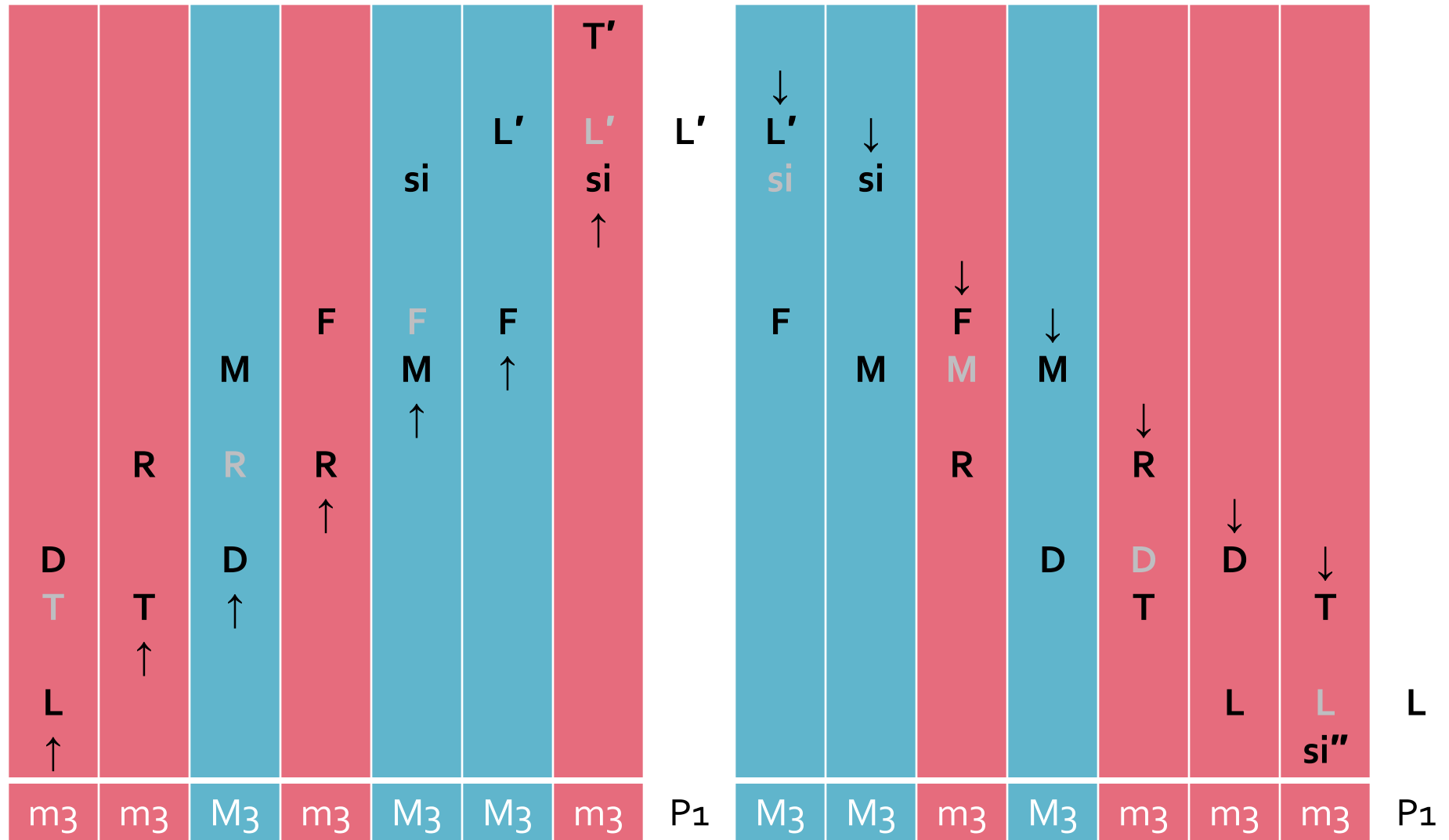


# Intervals: Combination of Thirds & Diatonic Seconds





# Intervals: Combination of Thirds & Diatonic Seconds



# Intervals: Combination of Thirds & Diatonic Seconds

