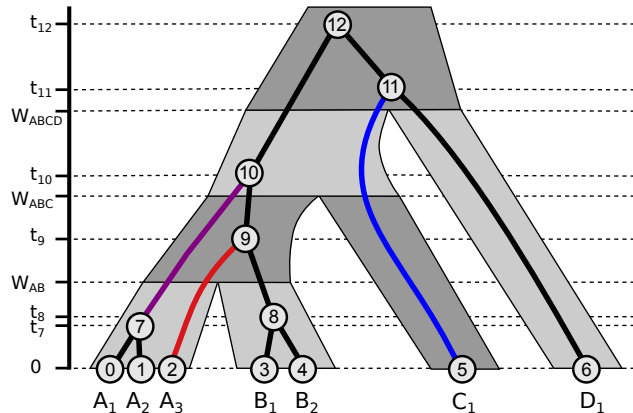


(a)

Genealogy embedding events



(b)

| | start (σ) | end (μ) | pop | N_e (n) | N edges (k) | length (d) | branches (b) |
|----|--------------------|---------------|------|---------------|-----------------|---------------------|------------------|
| 0 | 0 | t_7 | A | N_A | 3 | $t_7 - 0$ | 0,1,2 |
| 1 | t_7 | W_{AB} | A | N_A | 2 | $W_{AB} - t_7$ | 2,7 |
| 2 | 0 | t_8 | B | N_B | 2 | $t_8 - 0$ | 3,4 |
| 3 | t_8 | W_{AB} | B | N_B | 1 | $W_{AB} - t_8$ | 8 |
| 4 | 0 | W_{ABC} | C | N_C | 1 | W_{ABC} | 5 |
| 5 | 0 | W_{ABCD} | D | N_D | 1 | W_{ABCD} | 6 |
| 6 | W_{AB} | t_9 | AB | N_{AB} | 3 | $t_9 - W_{AB}$ | 2,7,8 |
| 7 | t_9 | W_{ABC} | AB | N_{AB} | 2 | $W_{ABC} - t_9$ | 7,9 |
| 8 | W_{ABC} | t_{10} | ABC | N_{ABC} | 3 | $t_{10} - W_{ABC}$ | 5,7,9 |
| 9 | t_{10} | W_{ABCD} | ABC | N_{ABC} | 2 | $W_{ABCD} - t_{10}$ | 5,10 |
| 10 | W_{ABCD} | t_{11} | ABCD | N_{ABCD} | 3 | $t_{11} - W_{ABCD}$ | 5,6,10 |
| 11 | t_{11} | t_{12} | ABCD | N_{ABCD} | 2 | $t_{12} - t_{11}$ | 10,11 |
| 12 | t_{12} | - | ABCD | N_{ABCD} | 1 | - | 12 |