

| Exp-name | Specific description/ volcanic emission | Period | Ensemble size | Years per member | Tier |
|----------|---|--|------------------|---------------------|------|
| BG_QBO | Background simulation | Time slice year 2000 monthly varying with internal or nudged QBO | 1 | 20 | 1 |
| BG_NQBO | Perpetual easterly phase of the QBO for the whole simulation | Time slice year 2000 monthly varying without QBO | 1 | 20 | 2 |
| BG_NAT | Only natural sources of aerosol (including biomass burning) | Time slice year 2000 monthly varying with internal or nudged QBO (when possible) | 1 | 20 | 2 |