**Orthopyroxene Thermobarometers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Reference | Name in Thermobar | T-dependent? | P-dependent? | H2O-dependent? |
| **Orthopyroxene-Liquid Barometry. *Function “calculate\_opx\_liq\_press”*** | | | | |
| Putirka (2008) | P\_Put2008\_eq29a | **🗸** |  | **🗸** |
| P\_Put2008\_eq29b | **🗸** | **🗸** |
| Putirka Supplement New “Global” calibrations | P\_Put\_Global\_Opx | **✗** | **✗** |
| P\_Put\_Felsic\_Opx | **✗** | **✗** |
| **Orthopyroxene-Liquid Thermometry. *Function “calculate\_opx\_liq\_temp”*** | | | | |
| Putirka (2008) | T\_Put2008\_eq28a |  | **🗸** | **🗸** |
| T\_Put2008\_eq28b\_opx\_sat | **🗸** | **🗸** |
| **Orthopyroxene-only Barometry. Function “calculate\_opx\_only\_press”** | | | | |
| Putirka (2008) | P\_Put2008\_eq29c | **🗸** |  | **✗** |

**Orthopyroxene-Clinopyroxene Thermobarometers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Reference | Name in Thermobar | T-dependent? | P-dependent? | H2O-dependent? |
| **Orthopyroxene-Clinopyroxene Barometry. *Function “calculate\_cpx\_opx\_press”*** | | | | |
| Putirka (2008) | P\_Put2008\_eq38 | **✗** |  | **✗** |
| P\_Put2008\_eq39 | **🗸** | **✗** |
| **Orthopyroxene-Clinopyroxene Thermometry. *Function “calculate\_cpx\_opx\_press”*** | | | | |
| Putirka (2008) | T\_Put2008\_eq36 |  | **🗸** | **✗** |
| T\_Put2008\_eq37 | **🗸** | **✗** |
| Brey and Kohler (1990) | T\_Brey1990 | **🗸** | **✗** |
| Wells (1977) | T\_Wells1977 | **✗** | **✗** |
| Wood and Banno (1973) | T\_Wood1973 | **✗** | **✗** |