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67 54 58 71 66 58 54 48 49 94 86 52 50 44 46 51 48 39 38 48 46 37 37 17 0 17 3 1 52 67 66 55 53 54 52 51 50 50 57 67 61 50 <mark>40 41 46</mark> 50 49 47 51 54 49 50 54 61 59 60 56 49 54 54 <mark>42</mark> 60 52 51 55 49 <mark>42 3</mark> <mark>4 43 42 45 46 <mark>33</mark> 63 63 63 70 61 66 68 69 66 72 73 72 77 78 79 62 63 54 66 67 59 59 63 71 64 62 69 61 82 82 60 67 79 67 50 <mark>47 <mark>39 42</mark>1 0896 60 51 51 54 52 48 <mark>17</mark></mark></mark> <mark>436</mark>44444848<mark>36</mark>666667746470717369757876808283656657707061636774676571648585626982705349<mark>4245</mark>112100625253565449<mark>0</mark> CMIP6Amon\_CESM2\_ssp585\_r1i1p1f1 53 68 68 56 54 55 53 53 52 52 58 70 63 53 43 44 50 53 52 51 54 57 52 53 57 64 63 64 60 53 58 56 44 62 55 54 57 52 44 32 31 33 3 CMIP5\_BNU.ESM\_r1i1p1\_rcp85 63 70 70 55 53 54 59 59 56 56 58 65 57 38 38 39 42 43 39 40 43 43 41 45 45 48 47 52 50 44 43 51 47 57 53 53 57 53 42 41 46 46 48 49 43 42 49 42 39 46 46 47 52 56 57 58 64 62 67 63 63 63 69 69 54 54 55 61 59 54 56 61 47 42 55 62 60 79 77 64 67 49 41 52 51 46 46 94 86 46 41 36 36 21  $\text{CMIP5\_BNU.ESM\_r1i1p1} \\ \text{62676753515258575653556253} \\ \text{3839} \\ \text{404141} \\ \text{3839} \\ \text{40404141} \\ \text{405258565351} \\ \text{525758} \\ \text{5053565351} \\ \text{525758} \\$ CMIP5\_MIROC.ESM\_r1i1p1 55 58 57 43 43 43 47 47 45 41 43 48 46 43 44 44 46 45 38 39 41 39 45 42 37 41 40 46 46 47 49 53 53 55 57 63 61 50 53 57 57 56 55 51 57 42 41 50 51 54 67 65 58 60 48 46 54 57 51 50 82 78 38 38 0 18 34 36 53 51 49 52 43 44 45 44 44 52 51 39 36 68 73 0 72 62 64 57 50 51 49 46 45 42 57 55 49 51 50 49 50 49 47 53 51 74 75 CMIP6Amon\_CNRM.ESM2.1\_ssp585\_r1i1p1f2  $\frac{1}{57}$  64 64 60 58 58 55 56 53 54 58 63 63 37 34 35 37 40 40 39 41 43 38 45 44 47 45 40 42 43 44 35 37 38 38 40 37 45 47 47 47 47 43 35 35 52 49 54 53 53 51 52 52 43 42 35 43 48 43 43 41 61 56 55 65 59 66 69 49 58 61 55 39 66 69 49 58 61 55 39 66 69 49 58 61 55 39 66 69 49 58 61 55 39 66 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72747465646469686366676763 43 46 48 48 47 45 47 47 47 47 48 47 48 47 47 52 55 55 59 60 63 55 56 53 57 57 51 48 50 55 55 54 51 55 51 49 58 65 67 75 76 68 71 20 **6 0** 56 56 55 55 76 72 56 56 <mark>46 46 39 41</mark> 70 67 68 70 67 69 68 66 67 73 74 66 62 84 89 CMIP6Amon\_BCC.CSM2.MR\_historical\_r1i1p1f1 | 55 53 51 46 45 45 44 45 46 44 41 41 37 51 50 49 51 46 45 45 44 44 42 43 40 42 43 44 51 45 37 41 37 44 45 46 44 47 40 42 49 51 50 45 42 41 43 37 54 51 47 58 57 60 58 51 53 48 51 37 44 45 46 44 47 47 46 48 61 58 59 53 49 52 48 47 40 42 49 51 50 45 42 41 43 37 54 51 47 58 57 60 58 51 53 48 51 37 44 45 46 44 47 47 46 48 61 58 59 53 49 52 48 47 40 42 49 51 50 45 42 41 43 37 54 51 47 58 57 60 58 51 53 48 51 53 48 51 **35 26 0 27 45 42 47 45** 61 65 69 67 65 65 70 71 54 62 51 51 58 62 71 69 57 64 53 50 56 56 55 63 62 84 80 68 77 0 33 35 36 50 48 48 47 49 49 59 57 55 56 70 68 46 50 41 41 40 42 67 64 58 63 54 52 57 56 56 63 63 68 65 70 77 CMIP5\_bcc.csm1.1\_r1i1p1\_rcp85 | 57 58 56 48 48 48 50 49 47 49 47 47 41 42 43 43 45 41 39 40 42 40 37 39 38 36 37 41 40 43 38 38 42 40 44 45 45 45 43 38 45 47 47 50 55 47 48 47 42 46 41 41 36 38 45 47 47 46 44 44 44 42 49 51 48 51 50 53 53 48 46 45 50 2 CMIP5\_bcc.csm1.1\_r1i1p1  $\frac{1}{60}$  57 56 49 48 49 51 50 49 50 47 46 40 45 48 47 48 44 41 43 44 41 41 39 37 38 41 43 48 41 38 44 40 46 47 48 46 40 49 51 50 53 61 54 54 52 46 51 43 42 36 38 47 49 48 46 44 43 43 40 50 51 48 53 52 59 55 49 50 47 51 (0.5) **21 32 32 37** 50 47 51 50 49 51 63 63 62 61 69 70 47 53 42 41 42 47 74 71 59 66 58 55 61 59 59 68 67 74 71 72 80 51 50 <mark>43</mark> 51 49 <mark>43 47 <mark>39</mark> 44 53 55 <mark>47 <mark>38 43 41</mark> 45 <mark>40</mark> 66 67 57 59 60 61 67 63 60 65 58 57 61 60 60 62 61 80 75 72 78</mark></mark> CMIP6Amon\_MPI.ESM1.2.HR\_ssp585\_r1i1p1f1 | 52 52 52 60 59 58 51 53 51 55 55 50 54 36 35 35 33 41 40 40 40 37 40 39 37 40 <mark>31 26 31 31</mark> 46 44 42 35 36 <mark>35</mark> 36 48 49 46 46 48 46 47 49 38 43 43 <mark>35</mark> 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47 49 40 43 45 48 50 57 56 49 54 52 36 36 68 76 61 60 64 69 83 79 62 73 66 64 69 68 67 75 73 96 91 74 86 CMIP5\_IPSL.CM5B.LR\_r1i1p1  $\frac{1}{62}$ 585759585856586060605456  $\frac{38}{42}$ 41  $\frac{40}{37}$ 4343434040384515055585760  $\frac{34}{35}$ 3636  $\frac{32}{35}$ 33344038383936  $\frac{32}{35}$ 3636  $\frac{32}{35}$ 33344038383936  $\frac{32}{35}$ 3636  $\frac{32}{35}$ 376  $\frac{32}{35}$ 3776  $\frac{32}{35}$ 37776  $\frac{32}{35}$ 3776  $\frac{32}{35}$ 3776  $\frac{32}{35}$ 3776  $\frac{32}{35}$ 3776  $\frac{32}{35}$ 37776  $\frac{32}{35}$ 377777  $\frac{32}{35}$ 37777  $\frac{32}{35}$ 37777  $\frac{32}{35}$ 37777  $\frac{32}{35}$ 37777  $\frac{32}{35}$ 3777  $\frac{32}{35}$ 377  $\frac{32}{35}$ 37  $\frac{32}{35}$ 38  $\frac{32}{35}$ 37  $\frac{32}{35}$ 38  $\frac{32}{35}$ 38  $\frac{32}{35}$ 38  $\frac{32}$ 38  $\frac{32}{35}$ 38  $\frac{32}{35}$ 38  $\frac{32}{35}$ 38  $\frac{32}{35}$ 38  $\frac$ CMIP6Amon\_CAMS.CSM1.0\_historical\_r1i1p1f1 54 48 47 50 50 48 45 46 48 49 47 41 43 39 40 38 38 35 36 42 34 34 35 38 38 35 38 36 32 40 42 34 37 42 38 40 43 44 49 56 58 53 54 53 43 45 62 70 55 54 57 68 59 58 62 62 61 67 66 91 86 68 80 CMIP5\_MPI.ESM.LR\_r1i1p1  $\frac{1}{575351}$  57 53 51 55 54 54 50 52 50 49 49 42 48 41 43 42 41 38 42 40 41 39 43 44 42 45 44 48 47 55 56 51 56 53 46 46 57 65 53 53 58 63 78 73 59 69 58 58 65 65 64 72 70 85 80 73 84 CMIP5\_HadGEM2.CC\_r1i1p1 53 49 47 47 47 45 41 43 46 47 45 39 43 43 42 41 37 42 42 40 38 35 41 44 30 31 36 36 57 63 59 53 55 54 48 48 64 73 56 56 62 67 75 72 58 69 58 55 58 59 58 65 64 92 86 71 83 CMIP5\_HadGEM2.ES\_r1i1p1 | 51 48 46 47 47 46 40 42 44 46 45 39 43 40 40 38 39 35 40 39 35 36 38 38 35 44 44 38 42 43 31 33 34 35 56 60 54 47 49 49 49 49 48 63 69 53 53 59 62 69 66 56 66 55 52 55 55 55 60 59 85 80 70 80 23331323315 0 34323339 33342931 3836 343034 3741 35 4847455050 44 464646495550 43 3535 4241 6772 5353 5558 71 68 56 66 59 60 58 58 57 64 64 84 80 70 80 23332333 0 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42 49 48 41 40 41 37 37 40 37 40 48 41 38 33 33 36 36 36 37 39 38 36 33 41 43 43 42 39 40 41 38 33 40 37 37 39 36 29 29 0 23 24 35 40 40 37 38 2  $CMIP5 \_CNRM.CM5 \_r1i1p1 \_rcp85 \\ \hline + 404442 \\ \hline + 4044 \\ \hline + 4044 \\ \hline + 4046 \\ + 4046 \\ \hline + 4046 \\ + 4046 \\ \hline + 4046 \\ + 4046 \\ \hline + 4046 \\ +$ CMIP5\_CMCC.CMS\_r1i1p1\_rcp85 50 54 53 51 51 50 48 49 44 48 50 49 51 30 13332323135<mark>3435353334343234230236</mark>413937<mark>34343535</mark>4042393942434143<mark>35</mark>3736<mark>33343529323535364647</mark>4950605654585050545353585769656773 CMIP5\_MPI.ESM.MR\_r1i1p1\_rcp85-495049525150474844464744463 CMIP5\_CanESM2\_r1i1p1 505150474645434438404138443837373837363840438404138443837373837363836393938404344849494948535260566773 CMIP6Amon\_NorESM2.LM\_r1i1p1f1 47 46 46 41 40 40 38 38 43 42 43 45 38 40 39 39 40 39 37 38 41 40 41 39 38 42 43 47 46 45 44 46 48 47 45 44 45 60 57 51 56 42 42 42 45 53 50 48 54 47 49 46 47 46 52 51 69 64 62 69 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45 47 42 43 45 45 47 45 47 45 47 45 47 45 52 53 77 73 61 70 0 38 38 27 46 49 47 45 49 47 45 49 47 45 43 45 45 45 45 45 45 45 46 39 44 44 46 37 33 42 41 42 40 40 38 36 40 39 40 47 45 46 44 51 52 44 46 64 63 58 56 51 53 76 70 49 52 45 48 56 56 52 50 48 52 40 39 43 43 43 43 42 42 65 60 65 69 CMIP6Amon\_EC.Earth3\_r1i1p1f1-434441 26272617 0 38343539365046444744424344434238444242424248494729 9313236364341<mark>3337373335</mark>4852534847465051454848454644424352465851525658525352545553504945454552504949666864605456757353584748575953514652<mark>4139</mark> 32 33 32 35 35 71 67 58 65 **92827 0 17373334**3736504544474342424342423843414141474846<mark>2830313435</mark>475252474645495045565151515353515150454443514948486669625854557269525847485859535245534 **33535**72685866 

CMIP6Amon\_GFDL.ESM4\_r1i1p1f1 21 19 0 46 46 45 41 41 49 47 47 47 47 55 52 50 51 48 49 48 50 48 48 46 50 47 48 46 49 53 52 41 42 42 43 43 50 49 48 46 50 57 58 67 70 68 66 38 48 55 52 51 52 51 52 51 56 55 85 80 43 52